



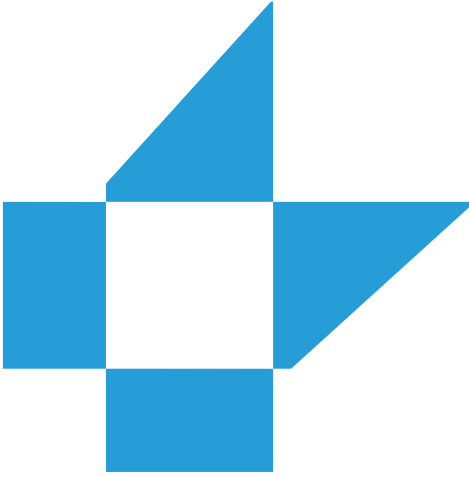
PRODUCT RANGE

EDITION 02



trucut
tried · reliable · unrivaled

trucutnz.com



PRODUCT RANGE

EDITION 02

ONE TRUSTED NAME



Established in 2007, Trucut NZ is a New Zealand family owned and operated wholesale company distributing premium Hand and Cutting tool Accessories through an extensive network of New Zealand resellers.

Trucut NZ is an acronym for **Tried, Reliable, Unrivalled** to reflect our reputation.



Trucut's mission is to be **the supplier of choice.**

Trucut is known as a **tried and trusted solution provider** and the team are passionate about delivering unrivalled service through being effortless to deal with!

Trucut's large distribution warehouse is home to many respected brands and with thousands of product lines available in stock, means our team have no difficulty offering a solution to your cutting, drilling and hand tool needs.

Trucut's vision is to **make our distributors prosper** through **service and products** that offer **unrivalled value and exceed expectations.**

Trucut is more than just offering Hand and Cutting tool accessories, **its's about dedication to the success of our customers.**



Customer enquiries responded to within 3 hours



All orders received by 4 p.m. dispatched same day



Dedicated Customer Care Team who know the products and application



97% stock holding of common codes



State-of-the-art website for fast and efficient ordering



Free bonus with your orders

MANY QUALITY BRANDS



PREMIUM POWER TOOL ACCESSORIES

You can't look past Alpha for a premium quality product designed for the engineering, fastening, and construction markets. High grade steel, precision engineering, specialist coating and quality control offering superior performance and durability. Proven to out last other brands. [Drills, taps and dies, masonry, wood drills, glass and tile drills, holesaws, countersinks, abrasives, carbide burrs, and driver bits.](#)

DART

POWER TOOL ACCESSORIES FOR THE CONSTRUCTION INDUSTRY

The Dart range provides you with a choice of quality cutting and drilling accessories for use by the professional tradesman in the construction market. [Drills, holesaws, spade and auger bits, masonry, and saw blades.](#)



PREMIUM MEASURING TOOLS BORN IN ITALY RAISED BY THE WORLD

Every piece of Dasqua measuring tool is approved by International in-door CNAS-Qualified Labs. Calibration certificate is attached with the product and it is traceable with respective DIN and ANSI standards.



MAGNETIC BASED DRILLING SOLUTIONS

[New Zealand's largest range of magnetic base drills, cutters, parts, accessories and specialty powertools.](#) Designed and manufactured in the Netherlands and worldwide, Euroboor have established themselves to be world leaders in magnetic based drilling with continuous development in cutting edge technology.



REAL TOOLS, REAL QUALITY. SINCE 1916 JAPAN

MCC is one of the leading hand tool manufacturers to mass-produce Bolt Cutters and Pipe Wrenches in Japan, as well as one of the oldest companies in the industry with cutting edge technology.

[Unique tools and well-designed features for the users, with lifetime lasting quality.](#)



ONE OF EUROPE'S LEADING PRODUCERS OF SAWING TECHNOLOGY

German made high-quality yet highly economic saw blades, made from European steel using patented laser technology. A long established brand in the market with an excellent reputation. [Jigsaw and Reciprocating blades to suit every application.](#)



DIAMOND BLADES AND CORES MANUFACTURED TO THE HIGHEST STANDARDS

The range features a product for every application, from Universal blades that will cut through all concrete, clay, brick and stone products; to Premium Dry Core bits suitable for use in masonry, brick, concrete with light or medium steel reinforcing. Also effective for granite, marble and stone. [Designed for the construction industry, DART Red Ten gives you better performance.](#)



CUTTING TOOLS, BLADES & HAND TOOLS

The Sterling brand has been a market leader in cutting tools for over 50 years. [Knives, blades, scrapers, shears, snips, measuring tools and hand tools.](#) A complete cutting solution.



TOOLS & ACCESSORIES FOR THE NZ TRADESMAN

TUFF is a unique range of products especially suited to the New Zealand trade market. We have developed and sourced product globally to bring you a good quality, competitively priced range of [hand tools, power tool accessories, and safety consumables](#) that is rapidly expanding.



TROWEL SYSTEMS

Manufactured by American specialists in floor covering installation tools. The Versablade interlock system is the preferred brand in the flooring industry, [with interchangeable trowel blades and handles.](#)

For the latest information, videos, manuals, and technical support, go to:

trucutnz.com

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DRILLING - CONCRETE

DRILLING - WOOD

COUNTERSINKS

**HOLESAWS &
HOLE CUTTERS**

DRIVER BITS

TAPS & DIES

BURRS

SAW BLADES

DIAMOND BLADES

JIGSAW & RECIPROCATING BLADES

OSCILLATING BLADES

POWER TOOLS - MACHINES

POWER TOOLS - ACCESSORIES

KNIVES & KNIFE BLADES

SNIPS & SCISSORS

MEASURING

HAND TOOLS

ABRASIVES

SAFETY

POINT OF SALE



tried
reliable
unrivaled

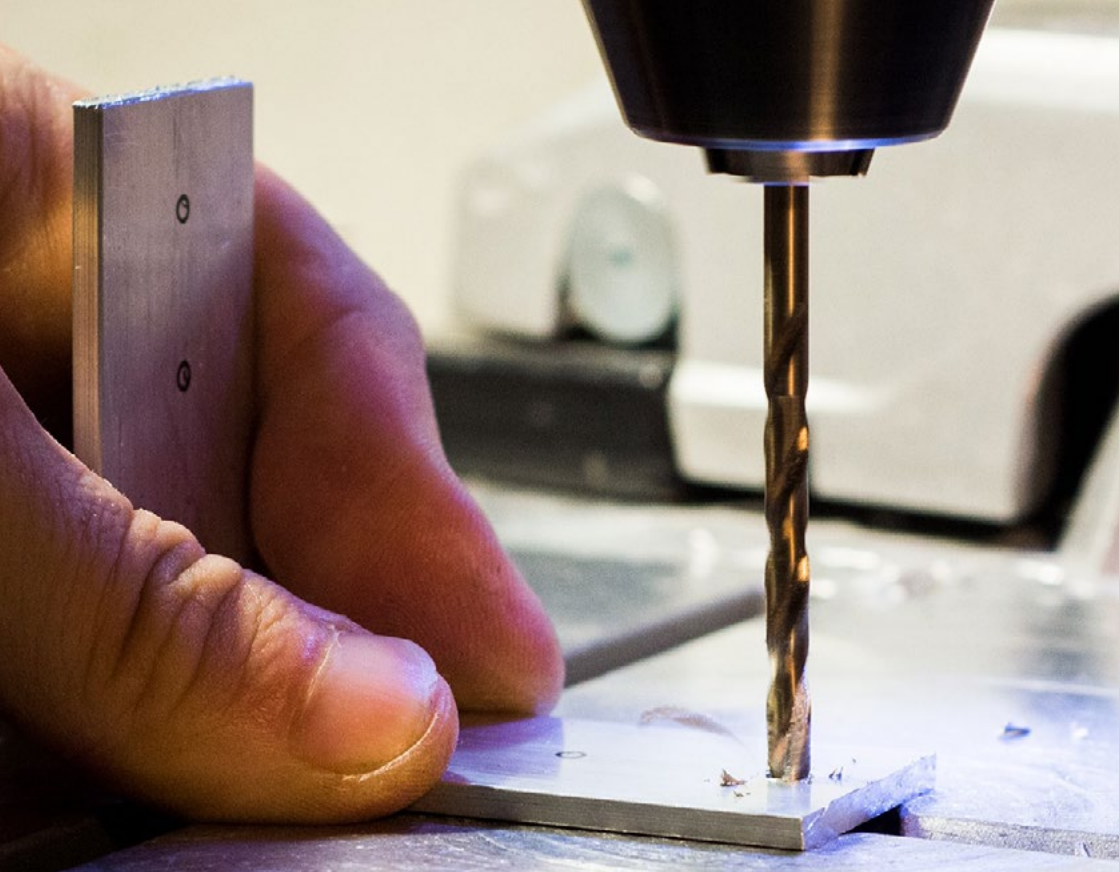
To provide your clients with
the right solutions making
your business succeed.

That's why we are here.



trucutnz
.com

E sales@trucutnz.com **P** 0800 656 911
20-22 Morrison Drive, Warkworth, 0910. Auckland.



DRILLING / METAL

07

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GOLD SERIES

**30%
MORE
HOLES***

**TITANIUM
NITRIDE
COATING**



135° Split Point
Cuts faster and reduces wandering

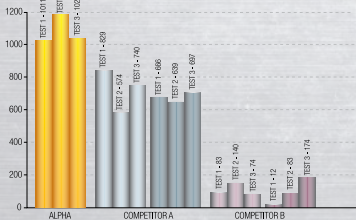


Fully ground M2 HSS
material increases drill life

Titanium Nitride Coating reduces heat and increases lubricity for extended life

Ideal for the widest range of materials: Steel, stainless steel, wood, plastic, and hardened steel.

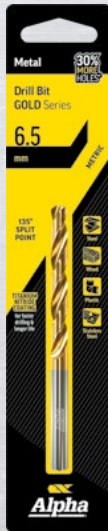
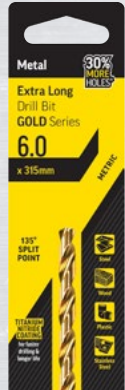
TEST RESULTS



BRAND	MODEL	TIP	FINISH	TEST 1	TEST 2	TEST 3
ALPHA	Gold Series	135° Split Point	TiN Coated	1011	1169	1020
COMPETITOR A	118° Web Thinned	118° Split Point	Black Oxide	829	574	740
			Silver	666	639	697
COMPETITOR B	118° Split Point	118° Split Point	Silver	83	140	74
			Black Oxide	12	83	174

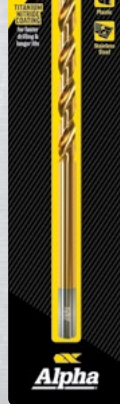
TEST PARAMETERS

Drill Size: 6.0mm
 Drill Speed: 1650rpm
 Feed Rate: 412mm/min
 Feed Ratio: 0.25
 Substrate: 16mm Mild Steel plate

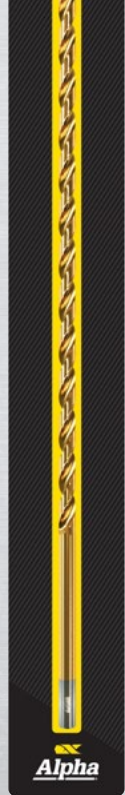


Bulk Jobber Drills
Page: 00

Carded Jobber Drills
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Carded Long Series
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Carded Extra Long Series
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SILVER SERIES



Ideal for general purpose drilling: Metal, aluminium, wood and plastic

COBALT SERIES

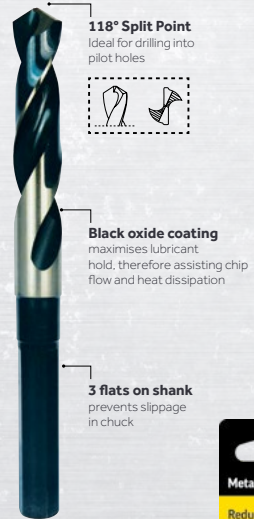
HEAVY DUTY



Ideal for heavy duty drilling: Metal, aluminium, stainless steel, high tensile steel, cast iron, wood and plastic

REDUCED SHANK

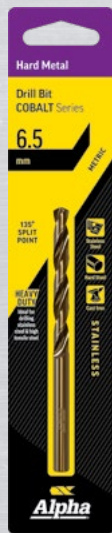
HEAVY DUTY



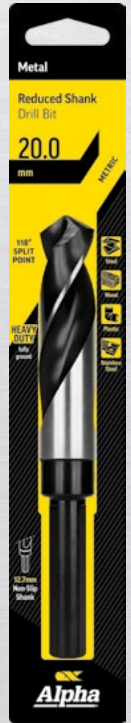
Ideal for the widest range of materials: Steel, wood, plastic, stainless steel and hardened steel.



Bulk and Carded Silver Series
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Carded Cobalt Series
Page: 00



Carded Reduced Shank
Page: 00



JOBBER DRILLS METRIC / 0.3 - 6.4MM

DRILL Ø mm	OAL mm	FL mm	GOLD SERIES CODE	PACK Qty	GOLD S. CARDED CODE	CARD Qty	SILVER SERIES CODE	PACK Qty	SILVER S. CARDED CODE	CARD Qty	COBALT S. CARDED CODE	CARD Qty
0.3mm	19	4	9LM003	10								
0.4mm	20	5	9LM004	10								
0.5mm	22	6	9LM005	10								
0.58mm	30	9	9LM0058	10								
0.6mm	24	7	9LM006	10								
0.7mm	28	9	9LM007	10								
0.8mm	30	10	9LM008	10								
0.9mm	32	11	9LM009	10								
1.0mm	34	12	9LM010	10	C9LM010	2/cd	9LM010S	10	C9LM010S	2/cd	9LM010CO	1/cd
1.1mm	36	14	9LM011	10								
1.2mm	38	16	9LM012	10								
1.3mm	38	16	9LM013	10								
1.4mm	40	18	9LM014	10								
1.5mm	40	18	9LM015	10	C9LM015	2/cd	9LM015S	10	C9LM015S	2/cd	9LM015CO	1/cd
1.6mm	43	20	9LM016	10								
1.7mm	43	20	9LM017	10								
1.8mm	46	22	9LM018	10								
1.9mm	46	22	9LM019	10								
2.0mm	49	24	9LM020	10	C9LM020	2/cd	9LM020S	10	C9LM020S	2/cd	9LM020CO	1/cd
2.1mm	49	24	9LM021	10								
2.2mm	53	27	9LM022	10								
2.25mm	53	27	9LM0225	10								
2.3mm	53	27	9LM023	10								
2.4mm	57	30	9LM024	10								
2.5mm	57	30	9LM025	10	C9LM025	2/cd	9LM025S	10	C9LM025S	2/cd	9LM025CO	1/cd
2.6mm	57	30	9LM026	10								
2.7mm	61	33	9LM027	10			9LM027S	10				
2.75mm	61	33	9LM0275	10								
2.8mm	61	33	9LM028	10								
2.9mm	61	33	9LM029	10								
3.0mm	61	36	9LM030	10	C9LM030	2/cd	9LM030S	10	C9LM030S	2/cd	9LM030CO	1/cd
3.1mm	65	36	9LM031	10								
3.2mm	65	36	9LM032	10			9LM032S	10				
3.3mm	65	36	9LM033	10			9LM033S	10				
3.4mm	70	39	9LM034	10								
3.5mm	70	39	9LM035	10	C9LM035	1/cd	9LM035S	10	C9LM035S	1/cd	9LM035CO	1/cd
3.6mm	70	39	9LM036	10			9LM036S	10				
3.7mm	70	39	9LM037	10			9LM037S	10				
3.8mm	75	43	9LM038	10			9LM038S	10				
3.9mm	75	43	9LM039	10								
4.0mm	75	43	9LM040	10	C9LM040	1/cd	9LM040S	10	C9LM040S	1/cd	9LM040CO	1/cd
4.1mm	75	43	9LM041	10								
4.2mm	75	43	9LM042	10			9LM042S	10				
4.3mm	80	47	9LM043	10			9LM043S	10				
4.4mm	80	47	9LM044	10								
4.5mm	80	47	9LM045	10	C9LM045	1/cd	9LM045S	10	C9LM045S	1/cd	9LM045CO	1/cd
4.6mm	80	47	9LM046	10			9LM046S	10				
4.7mm	80	47	9LM047	10								
4.8mm	86	52	9LM048	10			9LM048S	10				
4.9mm	86	52	9LM049	10			9LM049S	10				
5.0mm	86	52	9LM050	10	C9LM050	1/cd	9LM050S	10	C9LM050S	1/cd	9LM050CO	1/cd
5.1mm	86	52	9LM051	10			9LM051S	10				
5.2mm	86	52	9LM052	10								
5.3mm	86	52	9LM053	10								
5.4mm	93	57	9LM054	10			9LM054S	10				
5.5mm	93	57	9LM055	10	C9LM055	1/cd	9LM055S	10	C9LM055S	1/cd	9LM055CO	1/cd
5.6mm	93	57	9LM056	10							9LM056CO	1/cd
5.7mm	93	57	9LM057	10								
5.8mm	93	57	9LM058	10							9LM058CO	1/cd
5.9mm	93	57	9LM059	10								
6.0mm	93	57	9LM060	10	C9LM060	1/cd	9LM060S	10	C9LM060S	1/cd	9LM060CO	1/cd
6.1mm	101	63	9LM061	10								
6.15mm	101	63	9LM0615	10								
6.2mm	101	63	9LM062	10								
6.3mm	101	63	9LM063	10								
6.4mm	101	63	9LM064	10								



BULK
Supplied in
hangable packaging



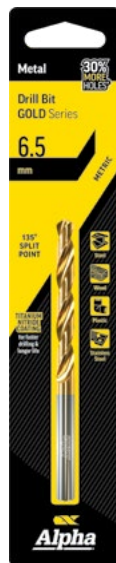
Sizes: 10 - 13.5
1 per pack

Sizes: 7.0 - 9.9
5 pack

Sizes: 0.3 - 6.9
10 pack

Alpha JOBBER DRILLS METRIC / 6.5 - 13.5MM

DRILL Ø mm	OAL mm	FL mm	GOLD SERIES CODE	PACK Qty	GOLD S. CARDED CODE	CARD Qty	SILVER SERIES CODE	PACK Qty	SILVER S. CARDED CODE	CARD Qty	COBALT S. CARDED CODE	CARD Qty
6.5mm	101	63	9LM065	10	C9LM065	1/cd	9LM065S	10	C9LM065S	1/cd	9LM065CO	1/cd
6.6mm	101	63	9LM066	10								
6.7mm	101	63	9LM067	10								
6.8mm	109	69	9LM068	10								
6.9mm	109	69	9LM069	10								
7.0mm	109	69	9LM070	5	C9LM070	1/cd	9LM070S	5	C9LM070S	1/cd	9LM070CO	1/cd
7.1mm	109	69	9LM071	5								
7.2mm	109	69	9LM072	5								
7.3mm	109	69	9LM073	5								
7.4mm	109	69	9LM074	5								
7.5mm	109	69	9LM075	5	C9LM075	1/cd	9LM075S	5	C9LM075S	1/cd	9LM075CO	1/cd
7.6mm	117	75	9LM076	5								
7.7mm	117	75	9LM077	5								
7.8mm	117	75	9LM078	5								
7.9mm	117	75	9LM079	5								
8.0mm	117	75	9LM080	5	C9LM080	1/cd	9LM080S	5	C9LM080S	1/cd	9LM080CO	1/cd
8.1mm	117	75	9LM081	5								
8.2mm	117	75	9LM082	5								
8.3mm	117	75	9LM083	5								
8.4mm	117	75	9LM084	5								
8.5mm	117	75	9LM085	5	C9LM085	1/cd	9LM085S	5	C9LM085S	1/cd	9LM085CO	1/cd
8.6mm	125	81	9LM086	5								
8.7mm	125	81	9LM087	5								
8.8mm	125	81	9LM088	5								
8.9mm	125	81	9LM089	5								
9.0mm	125	81	9LM090	5	C9LM090	1/cd	9LM090S	5	C9LM090S	1/cd	9LM090CO	1/cd
9.1mm	125	81	9LM091	5								
9.2mm	125	81	9LM092	5								
9.3mm	125	81	9LM093	5								
9.4mm	125	81	9LM094	5								
9.5mm	125	81	9LM095	5	C9LM095	1/cd	9LM095S	5	C9LM095S	1/cd	9LM095CO	1/cd
9.6mm	125	81	9LM096	5								
9.7mm	133	87	9LM097	5								
9.8mm	133	87	9LM098	5								
9.9mm	133	87	9LM099	5								
10.0mm	133	87	9LM100	1	C9LM100	1/cd	9LM100S	1	C9LM100S	1/cd	9LM100CO	1/cd
10.1mm	133	87	9LM101	1								
10.2mm	133	87	9LM102	1			9LM102S	1				
10.3mm	133	87	9LM103	1								
10.4mm	133	87	9LM104	1								
10.5mm	133	87	9LM105	1	C9LM105	1/cd	9LM105S	1	C9LM105S	1/cd	9LM105CO	1
10.6mm	133	87	9LM106	1								
10.7mm	142	94	9LM107	1								
10.8mm	142	94	9LM108	1								
10.9mm	142	94	9LM109	1								
11mm	142	94	9LM110	1	C9LM110	1/cd	9LM110S	1	C9LM110S	1/cd	9LM110CO	1
11.1mm	142	94	9LM111	1								
11.2mm	142	94	9LM112	1								
11.3mm	142	94	9LM113	1								
11.4mm	142	94	9LM114	1								
11.5mm	142	94	9LM115	1	C9LM115	1/cd	9LM115S	1	C9LM115S	1/cd	9LM115CO	1
11.6mm	142	94	9LM116	1								
11.7mm	142	94	9LM117	1								
11.8mm	142	94	9LM118	1								
11.9mm	151	101	9LM119	1								
12mm	151	101	9LM120	1	C9LM120	1/cd	9LM120S	1	C9LM120S	1/cd	9LM120CO	1
12.1mm	151	101	9LM121	1								
12.2mm	151	101	9LM122	1								
12.3mm	151	101	9LM123	1								
12.4mm	151	101	9LM124	1								
12.5mm	151	101	9LM125	1	C9LM125	1/cd	9LM125S	1	C9LM125S	1/cd	9LM125CO	1
12.6mm	151	101	9LM126	1								
12.7mm	151	101	9LM127	1								
12.8mm	151	101	9LM128	1								
12.9mm	151	101	9LM129	1								
13mm	151	101	9LM130	1	C9LM130	1/cd	9LM130S	1	C9LM130S	1/cd	9LM130CO	1
13.5mm	160	101	9LM135	1								



GOLD & SILVER S.
 Sizes:
 1.0 - 3.0
2 per card

Sizes:
 3.3 - 13
1 per card



CARDED
 Attractive
 hang sell
 packaging

DRILL Ø in	DRILL Ø mm	OAL mm	FL mm	GOLD SERIES CODE	PACK Qty	GOLD S. CARDED CODE	CARD Qty	SILVER SERIES CODE	PACK Qty	COBALT SERIES CODE	PACK Qty
1/64"	0.4	20	5	9LI164	10						
1/32"	0.79	30	10	9LI132	10						
3/64"	1.19	44	19	9LI364	10						
1/16"	1.59	48	23	9LI116	10	C9L1116	2/cd	9LI116S	10	9LI116CO	1
5/64"	1.98	50	25	9LI564	10	C9L564	2/cd	9LI564S	10	9LI564CO	1
3/32"	2.38	54	30	9LI332	10	C9L332	2/cd	9LI332S	10	9LI332CO	1
7/64"	2.78	67	38	9LI764	10	C9L764	2/cd	9LI764S	10	9LI764CO	1
1/8"	3.17	70	42	9LI18	10	C9L18	2/cd	9LI18S	10	9LI18CO	1
9/64"	3.57	73	41	9LI964	10	C9L964	1/cd	9LI964S	10	9LI964CO	1
5/32"	3.97	79	53	9LI532	10	C9L532	1/cd	9LI532S	10	9LI532CO	1
11/64"	4.37	82	54	9LI1164	10	C9L1164	1/cd	9LI1164S	10	9LI1164CO	1
3/16"	4.76	89	59	9LI316	10	C9L316	1/cd	9LI316S	10	9LI316CO	1
13/64"	5.16	92	62	9LI1364	10	C9L1364	1/cd	9LI1364S	10	9LI1364CO	1
7/32"	5.56	95	63	9LI732	10	C9L732	1/cd			9LI732CO	1
15/64"	5.95	98	66	9LI1564	10	C9L1564	1/cd	9LI1564S	10	9LI1564CO	1
1/4"	6.35	101	70	9LI14	10	C9L14	1/cd	9LI14S	10	9LI14CO	1
17/64"	6.75	104	73	9LI1764	10	C9L1764	1/cd	9LI1764S	10	9LI1764CO	1
9/32"	7.14	109	75	9LI932	10	C9L932	1/cd	9LI932S	10	9LI932CO	1
19/64"	7.58	111	78	9LI1964	5	C9L1964	1/cd	9LI1964S	10	9LI1964CO	1
5/16"	7.94	114	81	9LI516	5	C9L516	1/cd	9LI516S	10	9LI516CO	1
21/64"	8.33	117	85	9LI2164	5	C9L2164	1/cd	9LI2164S	10	9LI2164CO	1
11/32"	8.73	121	87	9LI1132	5	C9L1132	1/cd	9LI1132S	10	9LI1132CO	1
23/64"	9.13	124	89	9LI2364	5	C9L2364	1/cd			9LI2364CO	1
3/8"	9.53	125	81	9LI38	5	C9L38	1/cd	9LI38S	10	9LI38CO	1
25/64"	9.92	130	95	9LI2564	5	C9L2564	1/cd			9LI2564CO	1
13/32"	10.32	133	89	9LI1332	1	C9L1332	1/cd	9LI1332S	10	9LI1332CO	1
27/64"	10.72	133	94	9LI2764	1	C9L2764	1/cd			9LI2764CO	1
7/16"	11.11	140	103	9LI716	1	C9L716	1/cd	9LI716S	10	9LI716CO	1
29/64"	11.51	143	106	9LI2964	1	C9L2964	1/cd			9LI2964CO	1
15/32"	11.91	146	110	9LI1532	1	C9L1532	1/cd			9LI1532CO	1
31/64"	12.3	149	111	9LI3164	1	C9L3164	1/cd			9LI3164CO	1
1/2"	12.7	152	114	9LI12	1	C9L12	1/cd	9LI12S	10	9LI12CO	1

BULK
Supplied in
hangable
packaging



Sizes:
13/32" -
1/2"
1 per pack

Sizes:
19/64" -
25/64"
5 pack

Sizes:
1/64" -
9/32"
10 pack



ALPHA DRILLS COUNTER DISPLAY
Dimensions:
310 W x 360 H x 390 D

CARDED
Attractive
hang sell
packaging



Sizes:
1/16" - 1/8"
2 per card



Sizes:
9/64" - 1/2"
1 per card

Alpha LONG / EXTRA LONG SERIES DRILLS - METRIC & IMPERIAL / CARDED

The Alpha Gold Long Series drills are manufactured from the highest quality M2 HSS

- Titanium Nitride Coating Increase's hardness and decreases friction
- 135° split point eliminates the need for centre punches or pilot drilling
- Suitable for drilling plastic, wood and metal, including stainless steel. Industrial quality.

DRILL Ø mm	OAL mm	FL mm	GOLD LONG S. CODE	CARD Qty	GOLD EXTRA LONG S. CODE	CARD Qty
2	95	62	9ELM020	1/cd		1/cd
2.5	95	62	9ELM025	1/cd		1/cd
3	130	76	9ELM030	1/cd		1/cd
3	315	247		1/cd	9EXLM030	1/cd
3.3	106	69	9ELM033	1/cd		1/cd
3.3	315	247		1/cd	9EXLM033	1/cd
3.5	137	76	9ELM035	1/cd		1/cd
3.8	120	78	9ELM038	1/cd		1/cd
4	146	86	9ELM040	1/cd		1/cd
4	315	247		1/cd	9EXLM040	1/cd
4.5	146	86	9ELM045	1/cd		1/cd
5	152	92	9ELM050	1/cd		1/cd
5	315	247		1/cd	9EXLM050	1/cd
5.5	152	92	9ELM055	1/cd		1/cd
6	156	95	9ELM060	1/cd		1/cd
6	315	247		1/cd	9EXLM060	1/cd
6.5	159	98	9ELM065	1/cd		1/cd
6.5	315	247		1/cd	9EXLM065	1/cd
7	159	98	9ELM070	1/cd		1/cd
7.5	162	102	9ELM075	1/cd		1/cd
8	165	105	9ELM080	1/cd		1/cd
8	315	247		1/cd	9EXLM080	1/cd
8.5	165	105	9ELM085	1/cd		1/cd
9	171	108	9ELM090	1/cd		1/cd
9	315	247		1/cd	9EXLM090	1/cd
9.5	171	108	9ELM095	1/cd		1/cd
10	178	111	9ELM100	1/cd		1/cd
10	315	247		1/cd	9EXLM100	1/cd
10.5	184	117	9ELM105	1/cd		1/cd
11	184	117	9ELM110	1/cd		1/cd
11	315	247		1/cd	9EXLM110	1/cd
11.5	184	117	9ELM115	1/cd		1/cd
11.5	315	247		1/cd	9EXLM115	1/cd
12	197	121	9ELM120	1/cd		1/cd
12	315	247		1/cd	9EXLM120	1/cd
12.5	197	121	9ELM125	1/cd		1/cd
12.5	315	247		1/cd	9EXLM125	1/cd
13	203	121	9ELM130	1/cd		1/cd
13	315	247		1/cd	9EXLM130	1/cd
5/64"	95.5	51	9ELI564	1/cd		1/cd
3/32"	108	57	9ELI332	1/cd		1/cd
7/64"	118	64	9ELI764	1/cd		1/cd
1/8"	131	70	9ELI18	1/cd		1/cd
9/64"	137	76	9ELI964	1/cd		1/cd
5/32"	137	76	9ELI532	1/cd		1/cd
11/64"	146	86	9ELI1164	1/cd		1/cd
3/16"	146	86	9ELI316	1/cd		1/cd
13/64"	152	92	9ELI1364	1/cd		1/cd
7/32"	152	92	9ELI732	1/cd		1/cd
15/64"	158	97	9ELI1564	1/cd		1/cd
1/4"	155	95	9ELI14	1/cd		1/cd
17/64"	159	98	9ELI1764	1/cd		1/cd
9/32"	159	98	9ELI932	1/cd		1/cd
19/64"	162	102	9ELI1964	1/cd		1/cd
5/16"	162	102	9ELI516	1/cd		1/cd
21/64"	165	109	9ELI2164	1/cd		1/cd
11/32"	175	115	9ELI1132	1/cd		1/cd
23/64"	175	115	9ELI2364	1/cd		1/cd
3/8"	171	108	9ELI38	1/cd		1/cd
13/32"	184	121	9ELI1332	1/cd		1/cd
7/16"	181	116	9ELI716	1/cd		1/cd
15/32"	205	134	9ELI1532	1/cd		1/cd
1/2"	202	133	9ELI12	1/cd		1/cd

CARDED
Attractive
hang sell
packaging



PANEL & STUB DRILLS

Alpha SINGLE ENDED PANEL DRILLS / BULK

- Fully ground M2 HSS material increases drill life
- Titanium Nitride coating reduces heat and increases lubricity for extended life
- 135° Split Point cuts faster and reduces wandering

GAUGE	DRILL Ø mm	DRILL Ø in	OAL mm	FL mm	GOLD S. CODE	PACK Qty
1/8"	3.17	1/8"	51	13	9SP18	10
30	3.26	1/8"	51	13	9SP30	10
20	4.09	5/32"	51	17	9SP20	10
11	4.85	3/16"	50	15	9SP11	10

30% MORE HOLES

135° Split Point



TITANIUM NITRIDE COATING

BULK
Supplied in hangable packaging



Single ended panel drill

Alpha DOUBLE ENDED PANEL DRILLS / BULK & CARDED

- Fully ground M2 HSS material increases drill life
- Titanium Nitride coating reduces heat and increases lubricity for extended life
- 135° Split Point cuts faster and reduces wandering

GAUGE	DRILL Ø mm	DRILL Ø in	OAL mm	FL mm	GOLD SERIES CODE	PACK Qty	GOLD S. CARDED CODE	CARD Qty	SILVER SERIES CODE	PACK Qty	SILVER S. CARDED CODE	CARD Qty	COBALT SERIES CODE	PACK Qty
1/8"	3.17	1/8"	51	13	9D18	10							9D118CO	10
30	3.26	1/8"	51	13	9D30	10	C9D30	2/cd	9D30S	10	C9D30S	2/cd	9D30CO	10
20	4.09	5/32"	60	16	9D20	10	C9D20	2/cd	9D20S	10	C9D20S	2/cd	9D20CO	10
11	4.85	3/16"	60	16	9D11	10	C9D11	2/cd	9D11S	10	C9D11S	2/cd	9D11CO	10

30% MORE HOLES

135° Split Point



TITANIUM NITRIDE COATING



Double ended panel drill

Alpha STUB DRILLS - GAUGE / BULK & CARDED

- Fully ground M2 HSS material increases drill life
- Titanium Nitride coating reduces heat and increases lubricity for extended life
- 135° Split Point cuts faster and reduces wandering

GAUGE	DRILL Ø mm	DRILL Ø in	OAL mm	FL mm	GOLD SERIES CODE	PACK Qty	GOLD S. CARDED CODE	CARD Qty	SILVER SERIES CODE	PACK Qty
30	3.26	1/8"	51	25	9S30	10	C9S30	2/cd	9S30S	10
20	4.09	5/32"	54	27	9S20	10	C9S20	2/cd	9S20S	10
11	4.85	3/16"	58	30	9S11	10	C9S11	2/cd	9S11S	10

30% MORE HOLES

135° Split Point



TITANIUM NITRIDE COATING



Stub drill gauge

Alpha STUB DRILLS - METRIC / BULK

- Fully ground M2 HSS material increases drill life
- 135° Split Point cuts faster and reduces wandering
- Titanium Nitride coating reduces heat and increases lubricity for extended life

DRILL Ø mm	OAL mm	FL mm	GOLD SERIES CODE	PACK Qty
2.00	38	11	9SM020	10
2.25	40	12	9SM0225	10
2.50	43	14	9SM025	10
2.75	45	17	9SM0275	10
3.00	48	22	9SM030	10
3.50	49	24	9SM035	10
4.00	54	27	9SM040	10
4.50	58	27	9SM045	10
4.90	61	26	9SM049	10
5.00	62	27	9SM050	10
5.10	62	27	9SM051	10
5.50	66	28	9SM055	10
6.00	66	28	9SM060	10
6.50	70	31	9SM065	10
7.00	74	34	9SM070	5
7.50	74	34	9SM075	5
8.00	79	37	9SM080	5
8.50	79	37	9SM085	5
9.00	84	40	9SM090	5
9.50	84	40	9SM095	5
10.00	89	43	9SM100	1
10.50	89	43	9SM105	1
11.00	95	47	9SM110	1
11.50	95	47	9SM115	1
12.00	102	51	9SM120	1
12.50	102	51	9SM125	1
13.00	102	51	9SM130	1



BULK
Supplied in hangable packaging



Alpha STUB DRILLS - IMPERIAL / BULK

- Fully ground M2 HSS material increases drill life
- 135° Split Point cuts faster and reduces wandering
- Titanium Nitride coating reduces heat and increases lubricity for extended life

DRILL Ø mm	DRILL Ø in	OAL mm	FL mm	GOLD SERIES CODE	PACK Qty
1.98	5/64"	43	18	9SI564	10
2.38	3/32"	44	19	9SI332	10
2.78	7/64"	48	22	9SI764	10
3.17	1/8"	48	22	9SI18	10
3.57	9/64"	54	27	9SI964	10
3.97	5/32"	50	25	9SI532	10
4.37	11/64"	50	25	9SI1164	10
4.76	3/16"	54	27	9SI316	10
5.56	13/64"	60	32	9SI1364	10
5.16	7/32"	57	30	9SI732	10
5.95	15/64"	62	33	9SI1564	10
6.35	1/4"	64	34	9SI14	10
6.75	17/64"	67	37	9SI1764	10
7.14	9/32"	68	38	9SI932	5
7.94	5/16"	71	41	9SI516	5
8.73	11/32"	75	43	9SI1132	5
9.53	3/8"	79	46	9SI38	5
10.32	13/32"	84	49	9SI1332	1
11.11	7/16"	87	52	9SI716	1
11.91	15/32"	92	54	9SI1532	1
12.70	1/2"	95	57	9SI12	1



Sizes:
10.0 - 13.0 &
13/32" - 1/2"
1 per pack

Sizes:
7.0 - 9.5 &
9/32" - 3/8"
5 pack

Sizes:
2.0 - 6.5 &
5/64" - 1/16"
10 pack

Ideal for the widest range of materials:
Steel, stainless steel, wood, plastic, and hardened steel.

REDUCED SHANK DRILLS

Alpha REDUCED SHANK METRIC & IMPERIAL / CARDED

- 118° split point minimises wandering.
- 3 flats on shank. Drills metal, wood & plastic
- Black / Bright finish aids chip flow & heat dissipation

DRILL Ø mm	OAL mm	FL mm	SHANK mm	CODE	CARD Qty	DRILL Ø in	DRILL Ø mm	OAL mm	FL mm	SHANK in	CODE	CARD Qty
10.5	133	87	10	9LM105R	1	13/32"	10.32	133	89	3/8"	9L11332R	1
11	142	94	10	9LM110R	1	27/64"	10.72	133	94	3/8"	9L11764R	1
11.5	142	94	10	9LM115R	1	7/16"	11.11	140	103	3/8"	9L1716R	1
12	151	101	10	9LM120R	1	29/64"	11.51	143	106	3/8"	9L12964R	1
12.5	151	101	10	9LM125R	1	15/32"	11.91	146	110	3/8"	9L11532R	1
13	151	101	10	9LM130R	1	31/64"	12.3	149	111	3/8"	9L13164R	1
13.5	152	86	10	C9LM135R	1	1/2"	12.7	152	114	3/8"	9L112R	1
14	152	86	10	9LM140R	1	33/64"	13.1	152	86	3/8"	9L13364R	1
14	152	86	12.5	9LM140R12	1	17/32"	13.49	152	86	1/2"	9L11732R	1
14.5	152	86	10	9LM145R	1	35/64"	13.89	152	86	3/8"	9L13564R	1
15	152	86	12.5	9LM150R	1	9/16"	14.29	152	86	1/2"	9L1916R	1
15.5	152	86	12.5	9LM155R	1	37/64"	14.68	152	86	1/2"	9L13764R	1
16	152	86	12.5	9LM160R	1	19/32"	15.08	152	86	1/2"	9L11932R	1
16.5	152	86	12.5	9LM165R	1	39/64"	15.48	152	86	1/2"	9L13964R	1
17	152	86	12.5	9LM170R	1	5/8"	15.88	152	86	1/2"	9L158R	1
17.5	152	86	12.5	9LM175R	1	41/64"	16.27	152	86	1/2"	9L14164R	1
18	152	86	12.5	9LM180R	1	21/32"	16.67	152	86	1/2"	9L12132R	1
18.5	152	86	12.5	9LM185R	1	43/64"	17.06	152	86	1/2"	9L14364R	1
19	152	86	12.5	9LM190R	1	11/16"	17.46	152	86	1/2"	9L11116R	1
19.5	152	86	12.5	9LM195R	1	45/64"	17.86	152	86	1/2"	9L14564R	1
20	152	86	12.5	9LM200R	1	23/32"	18.26	152	86	1/2"	9L12332R	1
20.5	152	86	12.5	9LM205R	1	3/4"	19.05	152	86	1/2"	9L134R	1
21	152	86	12.5	9LM210R	1	49/64"	19.45	152	86	1/2"	9L14964R	1
21.5	152	86	12.5	9LM215R	1	25/32"	19.84	152	86	1/2"	9L12532R	1
22	152	86	12.5	9LM220R	1	51/64"	20.24	152	86	1/2"	9L15164R	1
22.5	152	86	12.5	9LM225R	1	13/16"	20.64	152	86	1/2"	9L11316R	1
23	152	86	12.5	9LM230R	1	53/64"	21.03	152	86	1/2"	9L15364R	1
23.5	152	86	12.5	9LM235R	1	27/32"	21.43	152	86	1/2"	9L12732R	1
24	152	86	12.5	9LM240R	1	55/64"	21.83	152	86	1/2"	9L15564R	1
24.5	152	86	12.5	9LM245R	1	7/8"	22.23	152	86	1/2"	9L178R	1
25	152	86	12.5	9LM250R	1	29/32"	23.02	152	86	1/2"	9L12932R	1
26	152	86	12.5	9LM260R	1	15/16"	23.81	152	86	1/2"	9L11516R	1
27	152	86	12.5	9LM270R	1	31/32"	24.61	152	86	1/2"	9L13132R	1
28	152	86	12.5	9LM280R	1	1"	25.4	152	86	1/2"	9L11R	1
29	152	86	12.5	9LM290R	1	1-1/8"	28.56	152	86	1/2"	9L11-18R	1
30	152	86	12.5	9LM300R	1	1-3/16"	30.16	152	86	1/2"	9L11-316R	1
32	152	86	12.5	9LM320R	1	1-1/4"	31.75	152	86	1/2"	9L11-14R	1

CARDED
Attractive
hang sell
packaging



Alpha Reduced Shank Drills are popular because of the unique shank.

The shank has 3 flat surfaces, which guarantees no drill bit slippage in the drill chuck.

HEAVY DUTY

Full length ground from a single piece of HSS, eliminating breakage

Ideal for the widest range of materials: Steel, wood, plastic, stainless steel and hardened steel.



LONG SERIES REDUCED SHANK - METRIC

The TUFF LONG SERIES REDUCED SHANK DRILL BIT has been designed for long reach.

- Suitable for drilling wood, steel, and plastic.
- 600mm resizable shank
- Blue Finish HSS
- Made in Europe

DRILL Ø mm	OAL mm	FL mm	SHANK mm	CODE	CARD Qty
14	600	90	8	TLSR14600	1
16	600	90	10	TLSR16600	1
18	600	90	10	TLSR18600	1
20	600	90	10	TLSR20600	1
22	600	90	10	TLSR22600	1
24	600	90	11	TLSR24600	1
26	600	90	11	TLSR26600	1



Blue Finish
HSS



Resizable
shank

Ideal for the widest range of materials:

Steel, wood, plastic,
stainless steel and
hardened steel.

BULK

Supplied in
hangable
tube

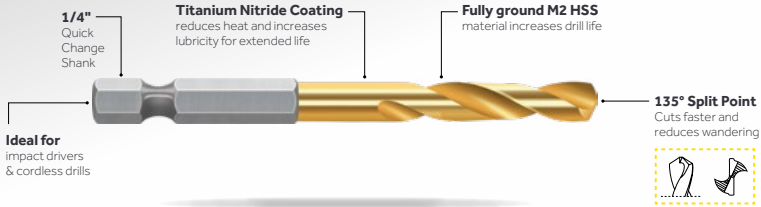


HSS IMPACT HEX DRIVE DRILL BITS - QUICK CHANGE

GOLD SERIES

**30%
MORE
HOLES***

**TITANIUM
NITRIDE
COATING**

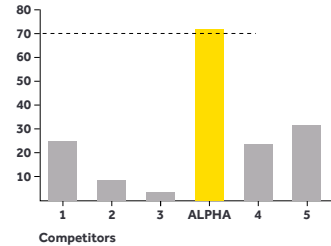


8X PERFORMANCE
Designed to achieve
MAXIMUM RESULTS
while providing
value for money

Ideal for the widest range of materials



No. of Holes IMPACT DRIVER TESTING
10mm 1025 grade steel plate



CARDED
Attractive
hang sell
packaging

DRILL Ø mm	OAL mm	FL mm	CODE	PACK Qty
2.0	60	28	C9QRM020	1
2.5	61	29	C9QRM025	1
3.0	67	34	C9QRM030	1
3.5	68	35	C9QRM035	1
4.0	70	38	C9QRM040	1
4.5	76	43	C9QRM045	1
5.0	76	44	C9QRM050	1
5.5	79	46	C9QRM055	1
6.0	79	46	C9QRM060	1
6.5	80	49	C9QRM065	1

DRILL Ø mm	OAL mm	FL mm	CODE	PACK Qty
7.0	88	56	C9QRM070	1
7.5	103	67	C9QRM075	1
8.0	103	69	C9QRM080	1
8.5	103	69	C9QRM085	1
9.0	101	68	C9QRM090	1
9.5	101	68	C9QRM095	1
10.0	100	67	C9QRM100	1
10.5	100	67	C9QRM105	1
11.0	101	68	C9QRM110	1
11.5	102	69	C9QRM115	1
12.0	102	69	C9QRM120	1
12.5	102	69	C9QRM125	1
13.0	102	69	C9QRM130	1



1/4"
Quick change

Alpha HEX SHANK DRILL SET

- 23 piece.
- Sturdy plastic storage case
- 1/4" Quick release shank

No. of Pieces	SIZE RANGE	CODE	CARD Qty
23	2.0, 2.5, 3.0, 3.3, 3.5, 4.0, 4.2, 4.5, 5.0, 5.5, 6.0, 6.5, 6.8, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0, 11.0, 12.0, 13.0mm	SM23HPB	1



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Attractive
hang sell
packaging

Alpha QUICK CHANGE ADAPTOR WITH REMOVABLE HSS DRILL BIT

- The Alpha quick change chuck includes a M2 HSS Titanium Nitride coated drill
- 135° Split Point Cuts faster and reduces wandering
- 1/4" (6.3mm) hexagonal shank
- Quick change chuck

DRILL Ø mm	CODE	PACK Qty
1.0	TDS0100	1
1.6	TDS0160	1
2.0	TDS0200	1
2.8	TDS0280	1
3.0	TDS0300	1
3.2	TDS0320	1
3.5	TDS0350	1
3.6	TDS0360	1
4.0	TDS0400	1

DRILL Ø mm	CODE	PACK Qty
4.4	TDS0440	1
5.0	TDS0500	1
5.2	TDS0520	1
5.6	TDS0560	1
6.0	TDS0600	1
6.3	TDS0630	1
7.0	TDS0700	1
8.0	TDS0800	1
9.5	TDS0950	1

1/4"

Quick
change



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STAINLESS PLUS
JOBBER DRILLS

5x LIFE

FAST spiral FLUTE

TiAlN COATING
for ultimate wear resistance

Straight Shank

TiAlN Coating for ultimate wear resistance

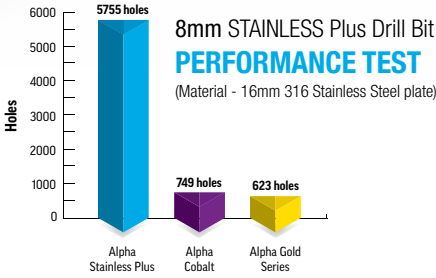
40° helix fast spiral flute for controlled chip evacuation



130° Special Point
angle for quick penetration & reduced work hardening

Ideal for stainless steel, steel & aluminium

Premium M2 HSS
raw material for extended life



Ideal for drilling:



DRILL Ø mm	OAL mm	FL mm	CODE	PACK Qty
1.0	34	12	C9LMP010	2
1.5	42	19	C9LMP015	2
2.0	48	23	C9LMP020	2
2.5	56	29	C9LMP025	2
3.0	62	20	C9LMP030	2
3.3	65	23	C9LMP033	1
3.5	70	24	C9LMP035	1
4.0	75	27	C9LMP040	1
4.2	75	28	C9LMP042	1
4.5	80	29	C9LMP045	1
5.0	86	35	C9LMP050	1
5.5	93	38	C9LMP055	1
6.0	94	40	C9LMP060	1
6.5	100	45	C9LMP065	1
6.8	109	47	C9LMP068	1

DRILL Ø mm	OAL mm	FL mm	CODE	PACK Qty
7.0	109	48	C9LMP070	1
7.5	110	49	C9LMP075	1
8.0	117	52	C9LMP080	1
8.5	117	55	C9LMP085	1
9.0	124	60	C9LMP090	1
9.5	125	60	C9LMP095	1
10.0	132	65	C9LMP100	1
10.2	133	65	C9LMP102	1
10.5	134	66	C9LMP105	1
11.0	142	74	C9LMP110	1
11.5	142	75	C9LMP115	1
12.0	150	80	C9LMP120	1
12.5	150	80	C9LMP125	1
13.0	150	82	C9LMP130	1

CARDED
Attractive hang sell packaging



Sizes:
1.0 - 3.0mm
2 per card



Sizes:
3.3 - 13.0mm
1 per card

Alpha TUFFBOX DRILL SET - STAINLESS STEEL PLUS

No. of Pieces	TYPE	SIZE RANGE	CODE
25	Metric	1 - 13mm (in 0.5mm increments)	SM25PBS



Alpha

ONSITE+

IMPACT Step Tip Drill Bit

**6X
SPEED**

**Unique
STEP
TIP**



- Unique Step Tip design reduces heat & stays sharper for longer
- Fast accurate hole starting without pilot holes
- Round, accurate holes without burring
- Fully ground Premium M2 HSS for extended life
- Easier & safer to use with no jamming or binding
- Suits Power Drills and Impact Drivers

Ideal for drilling:



DRILL Ø mm	OAL mm	FL mm	CODE	PACK Qty	DRILL Ø mm	OAL mm	FL mm	CODE	PACK Qty
3.0	62	28	C9STQRM030	1	7.0	83	39	C9STQRM070	1
3.2	62	28	C9STQRM032	1	7.5	88	43	C9STQRM075	1
3.3	62	28	C9STQRM033	1	8.0	101	51	C9STQRM080	1
3.5	66	30	C9STQRM035	1	8.5	101	51	C9STQRM085	1
4.0	70	31	C9STQRM040	1	9.0	101	51	C9STQRM090	1
4.2	70	31	C9STQRM042	1	9.5	101	51	C9STQRM095	1
4.5	73	31	C9STQRM045	1	10.0	101	51	C9STQRM100	1
4.8	73	31	C9STQRM048	1	10.2	101	51	C9STQRM102	1
5.0	75	31	C9STQRM050	1	10.5	101	51	C9STQRM105	1
5.5	78	35	C9STQRM055	1	11.0	101	51	C9STQRM110	1
6.0	80	37	C9STQRM060	1	11.5	101	51	C9STQRM115	1
6.5	81	38	C9STQRM065	1	12.0	101	51	C9STQRM120	1
6.8	83	39	C9STQRM068	1	12.5	101	51	C9STQRM125	1
					13.0	101	51	C9STQRM130	1

CARDED
Attractive
hang sell
packaging



Alpha ONSITE+ IMPACT STEP TIP DRILL SETS

No. of Pieces	TYPE	SIZE RANGE	CODE
16	Metric	4.0, 4.5, 5.0, 5.5, 6.0 (x2), 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0, 12.0, 13.0mm	SM16ST
23	Metric	3.0, 3.2, 3.3, 3.5, 4.0, 4.2, 4.5, 4.8, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0, 11.0, 12.0, 13.0mm	SM23ST



JOBBER DRILL SETS

Alpha TUFFBOX JOBBER DRILL SETS

- Tough plastic case
- Rugged rubber grips
- Genuine Alpha gold series jobber drill bits
- Available in Gold and Cobalt series
- Strong locking catch
- Feeds & speeds chart inside every drill set

No. of Pieces	TYPE	SIZE RANGE	GOLD S. CODE	COBALT S. CODE	SILVER S. CODE
19	Metric	1 - 10mm (in 0.5mm increments)	SM19PB	SM19CO	
25	Metric	1 - 13mm (in 0.5mm increments)	SM25PB	SM25CO	SM25PBS
21	Imperial	1/16" - 3/8" (in 1/16" increments)	SI21PB		
29	Imperial	1/16" - 1/2" (in 1/16" increments)	SI29PB	SI29CO	



SM19PB



SI21PB



SM25PBS



SM25CO

TUFFBOX™



SM25PB



TOUGH PLASTIC CASE
to endure the hardest conditions every day



RUBBER GRIP SURROUND
can stick to metal at serious angle

Alpha METAL CASE DRILL SETS

- Strong metal box
- Slim & compact to fit inside your tool box and tool drawers
- Genuine Alpha Gold Series Jobber drill bits
- Security hang tab
- Feeds & speeds chart inside every drill set

Slim Box™

No. of Pieces	TYPE	SIZE RANGE	GOLD S. CODE
13	Metric	1.5 - 6.5mm	SM13
13	Imperial	1/16" - 1/4"	SI13
19	Metric	1 - 10mm (in 0.5mm increments) - Slim Box	SM19
25	Metric	1 - 13mm (in 0.5mm increments) - Slim Box	SM25
21	Imperial	1/16" - 3/8 (in 1/64" increments) - Slim Box	SI21
29	Imperial	1/16" - 1/2" (in 1/64" increments) - Slim Box	SI29
85	Metric	1 - 10mm (in 0.5mm increments)*	SM85
100	Metric	1 - 10mm (in 0.1mm increments)	SM100



SM25



SI29



SM19



SM13



SI13



*SM85 set contents:

- 1.0, 1.5, 2.0, 2.5, 3.0, 3.5,
- 5x** 4.0, 4.5, 5.0, 5.5, 6.0 & 6.5mm
- 4x** 7.0, 7.5, 8.0, 8.5 & 9.0mm
- 3x** 9.5mm
- 2x** 10.0mm

SM85



SM100



REDUCED SHANK DRILL SETS

- Plastic durable box
- 118° split point, ideal for drilling into pilot holes
- Black oxide coating maximises lubricant hold, therefore assisting chip flow and heat dissipation.
- 3 flats on shank. prevents slippage in chuck

No. of Pieces	TYPE	SIZE RANGE	SHANK SIZE	CODE
5	Metric	14, 16, 18, 22, 25mm	12.5mm	RSM5
8	Metric	14, 15, 16, 16.5, 18, 20, 22, 25mm	12.5mm	RSM8



RSM5



RSM8

HEAVY DUTY

Full length ground from a single piece of HSS, eliminating breakage

Ideal for the widest range of materials:

Steel, wood, plastic, stainless steel and hardened steel.

3 flats



Shank

No drill bit slippage in the drill chuck.

Alpha Reduced Shank Drills are popular because of the unique shank.

The shank has 3 flat surfaces, which guarantees no drill bit slippage in the drill chuck.

TUFF HSS GROUND TWIST DRILL SET - STANDARD SERIES

Precision ground steel drill bits for a wide range of applications

- Manufactured to DIN338 standards
- Ground cutting edge offers fast drilling and perfect finishing
- Ground flute ensures fast chip removal
- Right hand cutting at 30°, Type N
- Industrial quality drill bits manufactured from high quality High Speed Steel and hardened for superb strength
- Suitable for drilling cast iron, sheet metal, non-ferrous metal, steel, wood and PVC

No. of Pieces	TYPE	SIZE RANGE	CODE
19	Metric	1 - 10mm (in 0.5mm increments)	TJDSM19
25	Metric	1 - 13mm (in 0.5mm increments)	TJDSM25

Counter Display Box
Contains 5 pieces



TJDSM19



TJDSM25

DART HSS GROUND TWIST DRILL SET- LONG SERIES

Precision ground steel drill bits for a wide range of applications

- Manufactured to DIN338 standards
- Ground cutting edge offers fast drilling and perfect finishing
- Ground flute ensures fast chip removal
- Right hand cutting at 30°, Type N
- Industrial quality drill bits manufactured from high quality High Speed Steel and hardened for superb strength
- Suitable for drilling cast iron, sheet metal, non-ferrous metal, steel, wood and PVC

No. of Pieces	TYPE	SIZE RANGE	CODE
19	Metric	1 - 10mm (in 0.5mm increments)	LHSSSET19



LHSSSET19

STEP DRILLS

Alpha STEP DRILLS - 2 FLUTE STRAIGHT / BULK

- Replace individual drills offering a wide range of sizes in a single drill
- Ideal for drilling non-ferrous metals, sheet metal, stainless steel up to 3mm thick, copper, brass, aluminium, plastic and laminates
- Drill and deburr in one process
- 3 flats on shank prevents slippage in chuck

DRILL Ø in	DRILL Ø mm	No. OF STEPS	CODE	PACK Qty
	4 - 12	9 Steps	9STM4-12	1
	4 - 20	9 Steps	9STM4-20	1
	6 - 30	13 Steps	9STM6-30	1
	6 - 32	14 Steps	9STM6-32	1
1/4 - 3/4		9 Steps	9STI14-34	1

2 Flute Straight design
for smooth cutting

Suits Non-hammer
action portable power drills



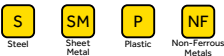
Alpha STEP DRILLS - 2 FLUTE SPIRAL / BULK

- Premium quality spiral flute for faster and cleaner hole cutting
- Drills material up to 4.0mm thick
- The contour of the ROTASTOP tool bit ensures improved transmission of the torque
- ROTASTOP practically chucks itself automatically by means of the rising contours. The result is no slipping in the chuck and precise results when machining metals
- Ideal for drilling sheet products such as stainless steel, copper, brass, aluminium, plastic and laminates

DRILL Ø mm	No. OF STEPS	CODE	PACK Qty
4 - 12	9 Steps	9ST5FM4-12S	1
4 - 20	9 Steps	9ST5FM4-20S	1
6 - 30	13 Steps	9ST5FM6-30S	1
6 - 36	13 Steps	9ST5FM6-36S	1

2 Flute Spiral design
for reduced vibration for fast, clean and accurate holes

Suits Portable and Fixed
pedestal drilling machines



Alpha STEP DRILLS - 4 FLUTE SPIRAL QUICK RELEASE

- Drills & deburrs in one process
- Drills material up to 3.0mm thick
- Self-starting split point removes the need for a pilot hole
- Non-slip 1/4" quick change shank
- Non-ferrous metals, sheet steel, plastic & stainless steel

DRILL Ø mm	No. OF STEPS	CODE	PACK Qty
4 - 12	9 Steps	C9STSM4-12QR	1
4 - 20	9 Steps	C9STSM4-20QR	1

2 Flute Straight design
for smooth cutting



Steel

Sheet Metal

Plastic

Non-Ferrous Metals

Suits Non-hammer
action portable power drills

Ideal for
cordless drills

Self-starting split point
removes the need for a pilot hole

TIN coating
reduces heat and increases lubricity for extended life

4 Flute design
cuts faster with less vibration for fast, clean and accurate holes

Laser etched diameters
that will not wear off

Premium HSS M2
raw material

1/4"

Quick change

3x LIFE GOLD Series



CARDED
Attractive hang sell packaging

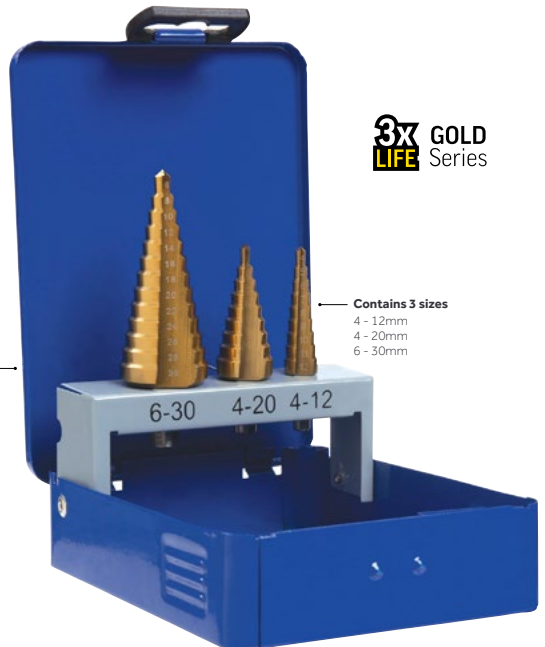
Alpha STEP DRILL SET - 2 FLUTE STRAIGHT

No. of Pieces	TYPE	SIZE RANGE	CODE
3	Metric	4 - 12, 4 - 20, 6 - 30mm	STPSET3

3x LIFE GOLD Series

Tough metal case

Contains 3 sizes
4 - 12mm
4 - 20mm
6 - 30mm



DART STEP DRILLS - STRAIGHT FLUTE / CARDED

Precision engineered steel bits with straight flute tapered cutting edges allowing for de-burring or chamfering of the hole drilled

Features:

- HSS Ground with straight flute
- Split point for spot drilling without pre-centring
- Vibration free working
- Suitable for use on sheet metal, stainless steel, cast iron, aluminium, nonferrous metals and plastic
- Made in UK

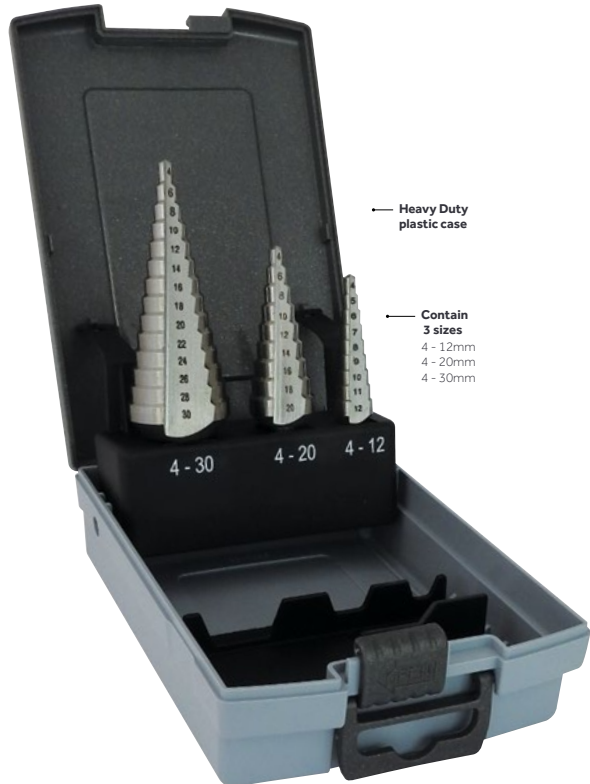
DRILL Ø mm	No. OF STEPS	CODE	PACK Qty
4 - 12	9 Steps	SSTF094-12	1
4 - 20	9 Steps	SSTF094-20	1
6 - 37	12 Steps	SSTF136-37	1
4 - 39	13 Steps	SSTF134-39	1



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Attractive hang sell packaging

DART STEP DRILL SET

No. of Pieces	TYPE	SIZE RANGE	CODE
3	Straight	4-12, 4-20, 4-30mm	SSTFSET3



Alpha HSS COBALT

- The Alpha spot weld drills are premium industrial grade HSS steel
- For drilling out spot welded panels
- 1 flat on shank for spot weld drill

DRILL Ø mm	OAL mm	FL mm	DESCRIPTION	CODE	PACK Qty
6.5	46	17	Cobalt	9S65	1
8	46	18	Cobalt	9S80	1
8	76	18	Cobalt	9L80	1



Alpha HSS COBALT - TITANIUM NITRIDE COATED

- For drilling out spot welded panels
- Gold TiN coated for lubricity and longer life
- 1 flat on shank for spot weld drill

DRILL Ø mm	OAL mm	FL mm	DESCRIPTION	CODE	PACK Qty
8	46	18	TiN Coating	9S80T	1
8	76	18	TiN Coating	9L80T	1
8	117	20	TiN Coating	9XL80T	1



Alpha HSS COBALT - DURA COATED

- For drilling out spot welded panels
- Dura coating ideal for hi-tensile alloys
- 1 flat on shank for spot weld drill

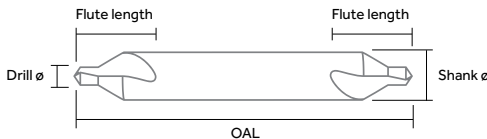
DRILL Ø mm	OAL mm	FL mm	DESCRIPTION	CODE	PACK Qty
8	46	18	Dura Coating	9S80DUR	1
8	76	18	Dura Coating	9L80DUR	1



Alpha HSS CENTRE DRILLS

- Ideal for creating accurate centre holes
- For spotting or starting a precise hole on the end of a round bar
- Drills and chamfers in one process
- 60° stepped split point

SIZE No.	DRILL Ø in	DRILL Ø mm	OAL mm	SHANK WIDTH mm	FLUTE LENGTH mm	CODE	PACK Qty
#1	1/8	1.35	31.5	3.18	10	9CD1-18	1
#2	3/16	2.3	46.9	4.76	12.7	9CD2-316	1
#3	1/4	2.85	50.6	6.35	14.6	9CD3-14	1
#4	5/16	3.2	53.0	7.94	16.7	9CD4-516	1
#5	7/16	4.85	67.8	11.11	22.3	9CD5-716	1
#6	1/2	5.8	75.2	12.7	25.3	9CD6-12	1
#8	3/4	8.0	88.1	19.05	31.7	9CD8-34	1



BULK
Supplied in
hangable
packaging

LEFT HAND DRILLS & SCREW EXTRACTORS

Alpha LEFT HAND DRILLS - COBALT / CARDED

- 135° split point tip cuts faster and reduces wandering
- 8% Cobalt
- For the removal of damaged bolts (stud) and screws extraction
- ideal for Stainless Steel and High Tensile Steel.

DRILL Ø in	DRILL Ø mm	OAL mm	FL mm	DESCRIPTION	CODE	PACK Qty
5/64	1.98	43	18	Cobalt	9LI564COL	1
7/64	2.78	44	19	Cobalt	9LI764COL	1
5/32	3.97	50	25	Cobalt	9LI532COL	1
1/4	6.35	64	34	Cobalt	9LI14COL	1
19/64	7.54	107	81	Cobalt	9LI1964COL	1

How to use

1. If possible, grind or flatten the head of the damaged bolt or screw.
2. Use a heavy hammer and centre punch to mark the centre of the bolt or screw. This will prevent the drill wandering.
3. Drill into the bolt or screw in reverse using a small size left hand drill with a variable speed reversible drill.
4. If the bolt does not reverse out, use the small hole as a pilot hole and change to a larger size left hand drill.

Most bolts come out before the hole drilling operation is finished.

5. The drill will grab the bolt when breaking through the backside. Typically, this is the stage when the broken fastener will spin out of the threaded hole. When drilling through the broken bolt, vibration will help to break the bolt free.

NOTE: If this drilling operation has not removed the broken stud or bolt, the hole drilled will form a pilot hole for a screw extractor.



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Attractive
hang sell
packaging



Alpha HSS SCREW EXTRACTORS / CARDED

- Reverse tapered cutting screw thread
- Square end for use with tapping handles

DRILL Ø in	DRILL Ø mm	SUITS LEFT HAND DRILL Ø	SUITS BOLT THREAD	CODE	PACK Qty
#1	3.47	1.98mm 5/64 in	4.0 - 4.5mm 5/32 - 3/16 in	9SE01	1
#2	4.80	2.78mm 7/64 in	5.5 - 6.5mm 7/32 - 1/4 in	9SE02	1
#3	6.35	3.97mm 5/32 in	8.0mm 5/16 in	9SE03	1
#4	8.33	6.35mm 1/4 in	10 - 12mm 3/8 - 1/2 in	9SE04	1
#5	11.31	7.54mm 19/64 in	14 - 20mm 9/16 - 3/4 in	9SE05	1

How to use

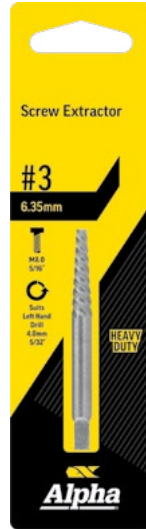
1. If possible, grind or flatten the head of the damaged bolt or screw.
2. With a heavy hammer and centre punch, mark the centre of the bolt or screw; this will prevent the pilot drill wandering.
3. The extractor requires a pilot hole. start with a small Alpha left handed drill bit (e.g. 5/64").
4. If required, drill the hole out larger. It is best to use a left hand drill for this step, as this

may be enough to remove the stud without a screw extractor.

5. Select the correct size screw extractor for the hole. See table above.
6. With a tap wrench turn the screw extractor into the hole in an anti-clockwise direction. The reverse threads force the extractor into the hole until the broken bolt or stud is forced to turn. Continue turning until the stud is removed.



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Alpha LEFT HAND DRILL SET - COBALT

- 8% Cobalt
- 135° split point tip cuts faster and reduces wandering
- Fully ground HSS Cobalt increases strength & drill life

No. of Pieces	SIZE RANGE	CODE
5	5/64", 7/64", 5/32", 1/4", 19/64"	9COL-SET5



Alpha SCREW EXTRACTOR SET

- Reverse tapered flute for extra gripping power
- Spiral tapered flute for deep embedment which increases grip as the resistance increases
- Square end for use with tap wrench or spanner

No. of Pieces	SIZE RANGE	CODE
5	#1, #2, #3, #4, #5	9SE-SET5



Alpha SCREW EXTRACTOR & LEFT HAND COBALT DRILL SET

Heavy Duty Left Hand Drills

- 8% Cobalt Left Hand drills
- 135° split point tip cuts faster and reduces wandering
- Fully ground HSS Cobalt increases strength & drill life

Screw Extractors

- Reverse tapered flute for extra gripping power
- Spiral tapered flute for deep embedment which increases grip as the resistance increases
- Square end for use with tap wrench or spanner

No. of Pieces	SIZE RANGE	CODE
10	Left hand Drills: 5/64", 7/64", 5/32", 1/4", 19/64" Screw Extractors: #1, #2, #3, #4, #5	9SECOL-SET10



Angled Drive Attachment

Work smarter with the Alpha Pro Drive angled driver attachment. Designed for maximum access in tight areas, Pro Drive accommodates up to 36 different positions.



ULTIMATE RPM
up to 20,000

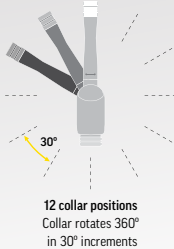
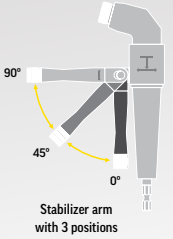
105° ANGLED HEAD
for greater ease of use

HEAD ROTATES 360°



HIGH SPEED BEARINGS
suits power & air tools

1/4" QUICK CHANGE



36 POSITIONS allows **MAXIMUM ACCESS** in tight areas



DESCRIPTION	CODE
ProDrive Angled Drive Attachment	MBHAD-1

Suits a wide variety of 1/4" hex accessories

- Driver bits
- Nutsetters
- Hex shank drills
- Spade bits
- Extension bars
- Step drills

The new Alpha Pro-Drive Angled Drive attachment allows tradesmen and homeowners to drive screws and drill holes in tight, difficult work areas, where a cordless drill won't fit in the allowed space.



DRILLING / CONCRETE

33

MASONRY - MULTI-PURPOSE DRILLS	35
SDS PLUS MASONRY DRILLS	37
SDS MAX MASONRY DRILLS	40
SDS DUSTLESS DRILLS	41
SDS CHISELS	43
EXTENSIONS	44
DIAMOND CORE, GLASS & TILE DRILL BITS	45

MASONRY & MULTI-PURPOSE DRILL BITS

Ideal for the widest range of materials:

Steel, stainless steel, wood, plastic, and hardened steel.

**TCT
STRAIGHT SHANK
MULTI-PURPOSE DRILL**

**TCT
HEX SHANK
MULTI-PURPOSE DRILL**

**TCT
STRAIGHT SHANK
MASONRY DRILL**

Sharpened tungsten tipped for superior performance across a range of materials

Sharpened tungsten tipped for superior performance across a range of materials

Tungsten carbide tipped for longevity



Longer flute length with less friction



Hammer action drills

Suits: Portable drills. No hammer action (standard jaw chuck)

Ideal for: Masonry, brick, aerated concrete, tiles, plasterboard, plastic, wood, metal.

Suits: Impact drivers. No hammer action

Ideal for: Masonry, brick, aerated concrete, tiles, plasterboard, plastic, wood, metal.

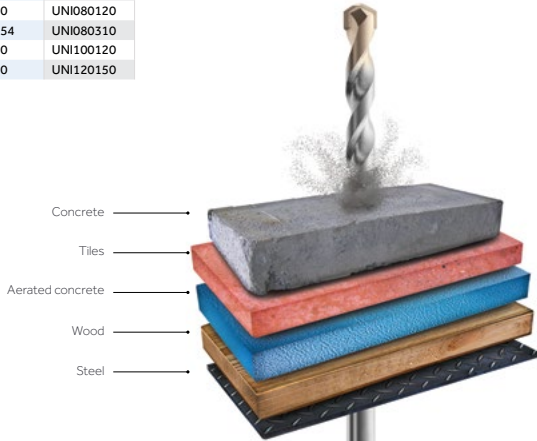
Suits: Portable hammer action drills. (standard jaw chuck)

Ideal for: Brick, ceramic and concrete.

Alpha TCT MULTI-PURPOSE DRILLS / STRAIGHT SHANK

- Sharpened tungsten tipped for superior performance across a range of materials
- Suit: Portable drills. No hammer action (standard jaw chuck)
- Ideal for: Masonry, brick, aerated concrete, tiles, plasterboard, plastic, wood, metal.
- Made in Germany.

DRILL Ø mm	OAL mm	FL mm	CODE
3	70	40	UNI030070
4	85	50	UNI040085
5	85	50	UNI050085
5.5	85	50	UNI055085
6	100	60	UNI060100
6.5	100	60	UNI065100
8	120	80	UNI080120
8	310	254	UNI080310
10	120	80	UNI100120
12	150	90	UNI120150



Straight

 Shank

Alpha TCT MULTI-PURPOSE DRILLS / HEX SHANK

- Sharpened tungsten tipped for superior performance across a range of materials
- Suits: Impact drivers. No hammer action.
- Ideal for: Masonry, brick, aerated concrete, tiles, plasterboard, plastic, wood, metal.
- Made in Germany.

DRILL Ø mm	OAL mm	FL mm	CODE
3	95	40	UNIHEX030
4	105	50	UNIHEX040
5	105	50	UNIHEX050
5.5	105	55	UNIHEX055
6	115	60	UNIHEX060
6.5	115	60	UNIHEX065
8	135	80	UNIHEX080

Drills multiple products including steel



1/4"

 Quick change

Alpha TCT MULTI-PURPOSE DRILL SET / HEX SHANK

- Sharpened tungsten tipped for superior performance across a range of materials

Suits: Impact drivers. No hammer action.

Ideal for: Masonry, brick, aerated concrete, tiles, plasterboard, plastic, wood, metal.

- Made in Germany.

No. of Pieces	DESCRIPTION	SIZE RANGE	CODE
5	1/4" HEX Multi-Purpose Drill Set	3 x 95mm, 5 x 105mm, 6 x 115mm, 6.5 x 115mm, 8 x 125mm	UNIHEXSET5



Alpha TCT MASONRY DRILLS / STRAIGHT SHANK

- Tungsten Carbide tipped for longevity

Suits: portable hammer action drills (standard jaw chuck).

Ideal for: Masonry, brick, concrete, and ceramic.

DRILL Ø mm	OAL mm	FL mm	CODE
3	65	32	MA030065
3.5	75	37	MA035075
4	75	37	MA040075
4.5	65	37	MA045065
4.5	150	100	MA045150
5	85	45	MA050085
5	150	90	MA050150
5.5	85	45	MA055085
5.5	150	90	MA055150
6	100	55	MA060100
6	150	90	MA060150
6.5	100	55	MA065100
6.5	150	90	MA065150
6.5	300	200	MA065300
7	100	55	MA070100
8	120	70	MA080120
8	150	90	MA080150
8	300	200	MA080300
10	120	70	MA100120
10	150	90	MA100150
10	400	267	MA100400
11	150	90	MA110150
12	150	90	MA120150
12	400	267	MA120400
13	150	90	MA130150
14	210	150	MA140210
16	150	90	MA160150
16	400	267	MA160400



Alpha SDS PLUS MASONRY DRILLS

2 HEAD CUT

- The dynamic chisel-shaped and centring tip provides optimal guidance while drilling
- Tungsten carbide tipped for longevity
- Strengthened flute

Suits: SDS rotary hammer drills

Ideal for: All masonry applications including concrete with rebar

- Made in Germany.



Concavely formed cutting faces ensure fast removal of drilling dust.



Distinct and aggressive centring tip allows for active centring and optimal guidance while drilling.



Innovative head design with short, straight flute entrance assures extremely fast progress providing a smooth and stable drilling process.



Wear markers indicate if the drill bit is still suited for drilling holes for plug and anchor fixtures



DRILL Ø mm	OAL mm	FL mm	CODE
4	110	50	SP040110G
4	160	100	SP040160G
5	110	50	SP050110G
5	160	100	SP050160G
5	210	150	SP050210G
5.5	110	50	SP055110G
5.5	160	100	SP055160G
5.5	210	150	SP055210G
5.5	310	250	SP055310G
6	110	50	SP060110G
6	160	100	SP060160G
6	210	150	SP060210G
6	310	250	SP060310G
6	460	400	SP060460G
6.5	110	50	SP065110G
6.5	160	100	SP065160G
6.5	210	150	SP065210G
6.5	260	200	SP065260G
6.5	310	250	SP065310G
7	160	100	SP070160G
7	250	200	SP070250G
7	450	400	SP070450G
8	110	50	SP080110G
8	160	100	SP080160G
8	210	150	SP080210G
8	260	200	SP080260G
8	310	250	SP080310G
8	460	400	SP080460G
8	600	550	SP080600G
9	210	150	SP090210G
10	110	50	SP100110G
10	160	100	SP100160G
10	210	150	SP100210G
10	260	200	SP100260G
10	310	250	SP100310G
10	350	300	SP100350G
10	450	400	SP100450G
10	600	550	SP100600G
10	1000	950	SP1001000G
11	260	200	SP110260G
12	160	100	SP120160G
12	210	150	SP120210G
12	260	200	SP120260G
12	310	250	SP120310G

DRILL Ø mm	OAL mm	FL mm	CODE
12	360	300	SP120360G
12	450	400	SP120450G
12	600	550	SP120600G
12	1000	950	SP1201000G
13	160	100	SP130160G
13	210	150	SP130210G
13	260	200	SP130260G
13	310	250	SP130310G
13	450	400	SP130450G
13	600	550	SP130600G
14	260	200	SP140260G
14	310	250	SP140310G
14	450	400	SP140450G
14	600	550	SP140600G
14	1000	950	SP1401000G
15	260	200	SP150260G
15	450	400	SP150450G
16	160	100	SP160160G
16	210	150	SP160210G
16	260	200	SP160260G
16	310	250	SP160310G
16	450	400	SP160450G
16	600	550	SP160600G
16	800	750	SP160800G
16	1000	950	SP1601000G
18	200	150	SP180200G
18	300	250	SP180300G
18	450	400	SP180450G
18	600	550	SP180600G
18	1000	950	SP1801000G
20	200	150	SP200200G
20	300	250	SP200300G
20	450	400	SP200450G
20	600	550	SP200600G
22	250	200	SP220250G
22	450	400	SP220450G
22	600	550	SP220600G
23	450	400	SP230450G
24	250	200	SP240250G
24	450	400	SP240450G
25	250	200	SP250250G
25	450	400	SP250450G
25	600	550	SP250600G
26	250	200	SP260250G
26	450	400	SP260450G



Alpha ZENTRO SDS PLUS MASONRY DRILLS

4 HEAD CUT

- Masonry drills for the professional tradesman
- Dynamic drilling ability, with secondary cutters protecting the drill bit in the event of reinforcement collision
- Tungsten carbide tipped for longevity
- Strengthened flute

Suits: SDS rotary hammer drills

Ideal for: All masonry applications including concrete with rebar

- Made in Germany.

DRILL Ø mm	OAL mm	FL mm	CODE
5	110	50	SPZ050110
5	160	100	SPZ050160
5.5	110	50	SPZ055110
5.5	160	100	SPZ055160
6	110	50	SPZ060110
6	160	100	SPZ060160
6	210	150	SPZ060210
6.5	110	50	SPZ065110
6.5	160	100	SPZ065160
6.5	210	150	SPZ065210
8	160	100	SPZ080160
8	210	150	SPZ080210
10	160	100	SPZ100160
10	210	150	SPZ100210
10	260	200	SPZ100260
12	160	100	SPZ120160
12	210	150	SPZ120210
12	260	200	SPZ120260
12	310	250	SPZ120310
12	450	400	SPZ120450
14	260	200	SPZ140260
14	450	400	SPZ140450
16	260	200	SPZ160260
16	450	400	SPZ160450
18	250	200	SPZ180250
18	450	400	SPZ180450
20	250	200	SPZ200250
20	450	400	SPZ200450
22	250	200	SPZ220250
22	450	400	SPZ220450
24	250	200	SPZ240250
24	450	400	SPZ240450
25	250	200	SPZ250250
25	450	400	SPZ250450
28	250	200	SPZ280250
28	450	400	SPZ280450
30	250	200	SPZ300250
30	450	400	SPZ300450
32	450	400	SPZ320450



Wear markers indicate if the drill bit is still suited for drilling holes for plug and anchor fixtures



4 x 90° geometry with four specifically developed cutting edges of equal height for precise, accurate holes for professional fixings.



Robust, one-piece carbide tip perforates rebar with permanent strength and constant precision.



Radially shaped edges for protection when hitting rebar, preventing jamming and increasing operational life.

ZENTRO®



10mm



Alpha ZENTRO SDS PLUS 4 HEAD CUT MASONRY DRILL SET

No. of Pieces	DESCRIPTION	SIZE RANGE	CODE
5	SDS Plus ZENTRO masonry drill set	5, 6, 6.5, 8, 10mm	SPZSET5

ZENTRO®



DART SDS PLUS 4 HEAD CUT HAMMER DRILLS

Hardened steel hammer masonry drills

Features:

- SDS Plus shank
- Super flute spiral aids consistent drilling speed and efficient debris removal
- Special centring tip for accurate drilling
- Tungsten carbide tipped for longer life
- Hardened steel body for extra strength and reduced breakage
- Suitable for masonry, concrete and stone
- 4 cutter head protects the drill bit in the event of reinforcement collision

DRILL Ø mm	OAL mm	FL mm	CODE
5	110	50	SDSPX05011
5	160	100	SDSPX05016
5.5	110	50	SDSPX05511
5.5	160	100	SDSPX05516
6	110	50	SDSPX06011
6	160	100	SDSPX06016
6	210	150	SDSPX06021
6.5	160	100	SDSPX06516
6.5	210	150	SDSPX06521
6.5	260	200	SDSPX06526
8	160	100	SDSPX08016
8	210	150	SDSPX08021
8	260	200	SDSPX08026
10	160	100	SDSPX10016
10	210	150	SDSPX10021
10	260	200	SDSPX10026
12	160	100	SDSPX12016
12	210	150	SDSPX12021
12	260	200	SDSPX12026
12	300	250	SDSPX12030
12	450	400	SDSPX12045
14	260	200	SDSPX14026
16	260	200	SDSPX16026
18	260	200	SDSPX18026
20	260	200	SDSPX20026
22	260	200	SDSPX22026
24	260	200	SDSPX24026



Alpha SDS MAX MASONRY DRILLS

4 HEAD CUT

- Masonry drills for the professional tradesman
- Dynamic drilling ability, with secondary cutters protecting the drill bit in the event of reinforcement collision
- Tungsten carbide tipped for longevity
- Strengthened flute

Suits: SDS rotary hammer drills

Ideal for: All masonry applications including concrete with rebar

• Made in Germany.



Wear markers indicate if the drill bit is still suited for drilling holes for plug and anchor fixtures



4 x 90° geometry with four specifically developed cutting edges of equal height for precise, accurate holes for professional fixings.



Robust, one-piece carbide tip perforates rebar with permanent strength and constant precision.



Radially shaped edges for protection when hitting rebar, preventing jamming and increasing operational life.

ZENTRO®



Certified Hole Accuracy



DRILL Ø mm	OAL mm	FL mm	CODE
12	340	200	SXZ12340
12	540	400	SXZ12540
14	340	200	SXZ14340
14	540	400	SXZ14540
15	540	400	SXZ15540
16	340	200	SXZ16340
16	540	400	SXZ16540
16	920	800	SXZ16920
16	1320	1180	SXZ161320
18	340	200	SXZ18340
18	540	400	SXZ18540
18	920	800	SXZ18920
18	1320	1180	SXZ181320
20	320	200	SXZ20320
20	520	400	SXZ20520
20	920	800	SXZ20920
22	320	200	SXZ22320
22	520	400	SXZ22520
22	920	800	SXZ22920
22	1320	1200	SXZ221320
24	320	200	SXZ24320
24	520	400	SXZ24520
25	520	400	SXZ25520
25	920	800	SXZ25920
25	1320	1200	SXZ251320
26	520	400	SXZ26520
28	370	250	SXZ28370
28	570	450	SXZ28570
28	920	800	SXZ28920
28	1320	1200	SXZ281320
30	370	250	SXZ30370
30	570	450	SXZ30570
32	370	250	SXZ32370
32	570	450	SXZ32570
32	920	800	SXZ32920
32	1320	1200	SXZ321320
35	570	450	SXZ35570
35	920	800	SXZ35920
35	1320	1200	SXZ351320
37	570	450	SXZ37570
38	370	250	SXZ38370
38	570	450	SXZ38570
40	370	250	SXZ40370
40	570	450	SXZ40570
40	920	800	SXZ40920
45	570	450	SXZ45570
50	570	450	SXZ50570
52	570	450	SXZ52570



18mm

DRILL CONCRETE

SAFER · CLEANER · FASTER
HEALTHIER

DUSTLESS



TUFF SDS PLUS & SDS MAX DUSTLESS DRILL BITS

The TUFF SDS PLUS and SDS MAX Dustless Drill Bit has been designed for use in rotary hammer impact drills.

- Ideal for all masonry applications including hardened concrete.
- Enable dust-free drilling while complying with the common, stricter standards for health protection.
- Made in Germany.



SDS PLUS DUSTLESS DRILLS

DRILL Ø mm	OAL mm	CODE
8	270	TDSP080270
10	270	TDSP100270
12	320	TDSP120320
14	370	TDSP140370
16	370	TDSP160370
18	370	TDSP180370
20	370	TDSP200370
24	370	TDSP240370



SDS MAX DUSTLESS DRILLS

DRILL Ø mm	OAL mm	CODE
14	600	TDSXZ14600
16	600	TDSXZ16600
18	600	TDSXZ18600
20	600	TDSXZ20600
22	600	TDSXZ22600
24	600	TDSXZ24600
25	600	TDSXZ25600
28	600	TDSXZ28600
30	600	TDSXZ30600
32	600	TDSXZ32600
35	600	TDSXZ35600

Ideal for all Masonry applications including hardened concrete





- Asymmetrical tooth arrangement produces different impact patterns of the teeth, resulting in higher efficiency and faster drilling progress
- Sharp tooth cutting edge geometry for extremely fast drilling progress and clean drilled holes
- Easy removal of the drill core and separation of the core bit from the adapter
- Increased carbide tip protrusion and chamfer on the toothed crown prevent jamming of the drill bit in the drilled hole
- Centring drill bit for easy, precise spot drilling
- Special set screw with internal hexagon prevents the loosening of the centring drill bit during drilling
- Made in Germany.

Ideal for all masonry applications including: natural stone and aerated concrete.



HOLLOW CORE CUTTER

CORE Ø mm	OAL mm	CODE
30	58	HC830X58
40	58	HC840X58
45	58	HC845X58
50	58	HC850X58
65	50	HC865X50
80	50	HC880X50
90	50	HC890X50
100	50	HC8100X50



SDS PLUS SHANK ADAPTOR

SHANK Ø mm	OAL mm	CODE
SDS Plus	105	SPADP105
SDS Plus	220	SPADP220
SDS Plus	370	SPADP370



CENTERING PILOT PIN FOR HOLLOW CORE DRILLS

SHANK Ø mm	OAL mm	CODE
8	120	CDP080120



Alpha CHISELS / SDS PLUS & SDS MAX

Ideal for masonry applications including hardened concrete.
Suit SDS rotary hammer drills.



Pointed chisel



Flat chisel



Spade chisel



Hollow chisel



SDS PLUS CHISELS

DESCRIPTION	WIDTH	LENGTH	FITMENT	CODE
Pointed Chisel		250	SDS PLUS	SPPC250V
Flat Chisel	20	250	SDS PLUS	SPFC20250V
Spade Chisel	40	250	SDS PLUS	SPSC40250V
Hollow Chisel	22	250	SDS PLUS	SPHOL250V



SDS MAX CHISELS

DESCRIPTION	WIDTH	LENGTH	FITMENT	CODE
Pointed Chisel		280	SDS MAX	SXPC280V
Pointed Chisel		400	SDS MAX	SXPC400V
Flat Chisel	25	280	SDS MAX	SXFC25280V
Flat Chisel	25	400	SDS MAX	SXFC25400V
Spade Chisel	50	400	SDS MAX	SXSC50400V
Spade Chisel	80	300	SDS MAX	SXSC80300V
Hollow Chisel	26	300	SDS MAX	SXHOL300V

Alpha SDS MAX TO SDS PLUS ADAPTOR

DESCRIPTION	FITMENT	OAL mm	CODE
SDS MAX to SDS Plus Adaptor	SDS MAX	400	SX-SPADP

Suit SDS rotary hammer drills.

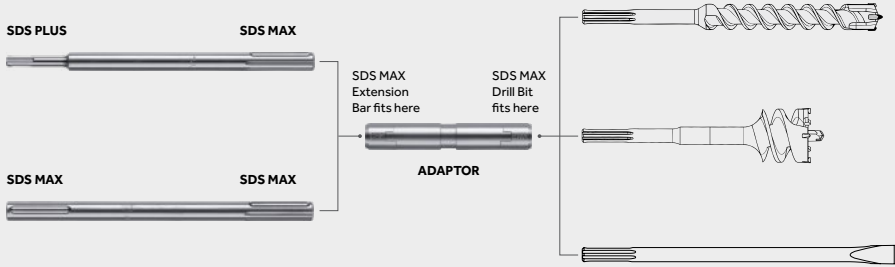
- Made in Germany.



DRECONNECT ADAPTOR SYSTEM

Allows any SDS drill to take any SDS Max attachment and extends the reach of SDS Max tools.

- No energy loss normally encountered in conventional adaptor systems and full transmission of energy to the drill bit tip
- No weak points and therefore no breakages due to excessive strain in the coupling area

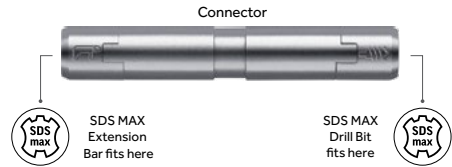


Ideal for Alpha's SDS Max range: Zentro® 4 HEAD CUT, core cutters and chisels. Made in Germany.

Alpha SDS ADAPTOR / DOUBLE SIDED SDS MAX CHUCK

Ideal for masonry applications including hardened concrete. Suit SDS rotary hammer drills.

DESCRIPTION	Ø mm	OAL mm	CODE
Double sided SDS Max Chuck	30	190	SXSXCON



Alpha SDS PLUS EXTENSION

DESCRIPTION	FITMENT	OAL mm	CODE
SDS Plus to SDS Max Adaptor	SDS PLUS	320	EXSPSX320



EXSPSX320

Alpha SDS MAX EXTENSION

DESCRIPTION	FITMENT	OAL mm	CODE
SDS MAX Extension	SDS MAX	320	EXSXSX320
SDS MAX Extension	SDS MAX	750	EXSXSX750
SDS MAX Extension	SDS MAX	1100	EXSXSX1100



EXSXSX320

TUFF DIAMOND CORE BITS / 14MM SHANK

TUFF Diamond Core Bits are ideal for drilling porcelain, ceramic, granite, marble, limestone, terracotta, fibreglass, travertine, slate & masonry.

- Diamond coated design reduces cutting temperature for 5X longer life.
- M14 thread to fit on angle grinders for extremely fast drilling.

DRILL Ø mm	SHANK Size mm	CODE
5*	14	TDCB-5
6*	14	TDCB-6
8*	14	TDCB-8
10*	14	TDCB-10
12*	14	TDCB-12
15*	14	TDCB-15
20	14	TDCB-20

DRILL Ø mm	SHANK Size mm	CODE
25	14	TDCB-25
32	14	TDCB-32
35	14	TDCB-35
40	14	TDCB-40
45	14	TDCB-45
52	14	TDCB-52

* WAX filled



Ceramic



Porcelain



Granite & Marble



WAX Filled



TUFF DIAMOND CORE BITS / 1/4" SHANK

TUFF Diamond Core Bits are ideal for drilling porcelain, ceramic, granite, marble, limestone, terracotta, fibreglass, travertine, slate & masonry.

- Diamond coated design reduces cutting temperature for 5X longer life.
- Wax filled for a quality dry cut.

DRILL Ø mm	SHANK Size mm	CODE
5	14	TDCB-W5
6	14	TDCB-W6
8	14	TDCB-W8
10	14	TDCB-W10
12	14	TDCB-W12
15	14	TDCB-W15
20	14	TDCB-W20



Granite & Marble



Ceramic



Porcelain



Slow Speed



WAX Filled



Alpha GLASS & TILE SPEARPOINT DRILL BITS

- Tungsten carbide tip stays sharper longer
- For best results use plenty of water
- Ideal for: Drilling mirrors, glass (excluding toughened glass) and all ceramic tiles – including PEI4
- Suits: Non-hammer action portable power drills

DRILL Ø mm	DRILL Ø in	OAL mm	CODE
3	1/8"	57	9GT030
4	5/32"	62	9GT040
5	3/16"	69	9GT050
6	15/64"	74	9GT060
6.5	1/4"	76	9GT065
8	5/16"	82	9GT080
10	3/8"	89	9GT100
12	1/2"	96	9GT120







DRILLING / WOOD

47

4 CUTTER AUGER BITS	48
SPADE BITS	49
EXTENSION BARS	52
HEAVY DUTY AUGER BITS	54
SHIPPER AUGER BITS	56
FORSTNER BITS	57
ROUTER BITS	58



4 CUTTER AUGER BITS



4x FASTER 4 cutting edges cut 4x faster and last 4x more than standard spade bits

Alpha 4 CUTTER AUGER BITS

Ideal for drilling hardwood and softwood.

DRILL Ø mm	OAL mm	FL mm	CODE
10	165	55	TS4C-10
13	165	55	TS4C-13
16	165	70	TS4C-16
19	165	70	TS4C-19
20	165	80	TS4C-20
22	165	80	TS4C-22
25	165	90	TS4C-25
32	165	90	TS4C-32

Quick Release Extensions on page 50 & 51.

4 MAX



1/4"
Quick change

Alpha 4 CUTTER AUGER BIT SETS

No. of Pieces	DESCRIPTION	CODE
3	3 piece Turbomax Auger Bit Set Sizes: 16, 20, 25mm	TS4C-SET3
5	5 piece Turbomax Auger Bit Set Sizes: 16, 20, 22, 25, 32mm	TS4C-SET5

4 MAX



1/4"
Quick change

Alpha TURBO-BORE SPADE BITS

DRILL Ø mm	CODE	DRILL Ø mm	CODE
8	TS08-08	20	TS08-20
10	TS08-10	22	TS08-22
12	TS08-12	24	TS08-24
13	TS08-13	25	TS08-25
14	TS08-14	28	TS08-28
15	TS08-15	30	TS08-30
16	TS08-16	32	TS08-32
18	TS08-18	35	TS08-35
19	TS08-19	38	TS08-38
		40	TS08-40

Quick Release Extensions on page 50 & 51.



Alpha TURBO-BORE SPADE BIT SET

No. of Pieces	DESCRIPTION	CODE
3	8 piece Spade Bit Set with 150mm Extension Bar + Allen Key. Sizes: 10, 12, 16, 20, 22, 25, 32mm	TS08-SET8



DART FLAT BITS & LONG SERIES FLAT BITS

Precision engineered flat bit for fast and exact cutting

Features:

- Features double side spurs providing cleaner holes and reduces vibration
- Designed to ensure faster and easier drilling
- Side scoops optimises removal of wood chippings
- Suitable for general use in drilling of wood, plastic and plasterboard
- Working length 45 - 50mm

STANDARD SERIES

DIA mm	OAL mm	CODE
6	152	DFB06
8	152	DFB08
10	152	DFB10
12	152	DFB12
13	152	DFB13
14	152	DFB14
16	152	DFB16
18	152	DFB18
20	152	DFB20
22	152	DFB22
24	152	DFB24
25	152	DFB25
28	152	DFB28
30	152	DFB30
32	152	DFB32
34	152	DFB34
36	152	DFB36
38	152	DFB38
40	152	DFB40

LONG SERIES

DIA mm	OAL mm	CODE
8	400	DFBL08
10	400	DFBL10
12	400	DFBL12
14	400	DFBL14
16	400	DFBL16
18	400	DFBL18
20	400	DFBL20
22	400	DFBL22
24	400	DFBL24
25	400	DFBL25
32	400	DFBL32
38	400	DFBL38

Quick Release Extensions on page 50 & 51.



DART FLAT BIT SETS

No. of Pieces	DESCRIPTION	CODE
6	Flat Bit Set sizes: 10, 12, 16, 18, 20, 25mm	DFB6SET
8	Flat Bit Set sizes: 10, 12, 16, 18, 20, 25, 32, 38mm	DFB8SET



DFB6SET



DFB8SET

EXTENSION BARS

Alpha 1/4" EXTENSION BARS / GRUB SCREW

- Supplied with an allen key
 - Suits all 1/4" hex accessories
- Head size: 12mm

OAL mm	CODE
150	TS08-EXT150
300	TS08-EXT300



DART 1/4" EXTENSION BAR / GRUB SCREW

Precision engineered 300mm flat bit extension is designed to add length to both standard and long series flat bits.

OAL mm	CODE
300	DFBE300



Alpha 7/16" HEAVY DUTY EXTENSION BARS / GRUB SCREW

- Supplied with an allen key
 - Suits all 7/16" hex accessories
 - Suits Heavy Duty Augers (WAH range)
 - Holesaw Arbor ARB-2 & Holesaw Arbor kit ARB-5
- Head size 19mm

OAL mm	CODE
150	WAH-EXT140
300	WAH-EXT305
450	WAH-EXT460



GRUB SCREW COMPATIBILITY



1/4" Hex Fitment fits here



7/16" Hex Fitment fits here



Ideal for Alpha's WAH range

Alpha 1/4" HEAVY DUTY EXTENSION BARS / QUICK RELEASE

- Heavy duty ball bearing quick release
- Tapered head design guides extension bar through holes (17mm and up)
- Quick release head for efficient bit changing
- Suits all 1/4" hex accessories

Head size: 17mm



OAL mm	CODE
150	TS08-QREXTH150
300	TS08-QREXTH300
450	TS08-QREXTH450
600	TS08-QREXTH600
900	TS08-QREXTH900



Alpha 7/16" HEAVY DUTY EXTENSION BARS / QUICK RELEASE

- Supplied with allen key
- Suits all 7/16" hex accessories
- Suits Heavy Duty Augers (WAH range)
- Holesaw Arbor ARB-2 & Holesaw Arbor kit ARB-5

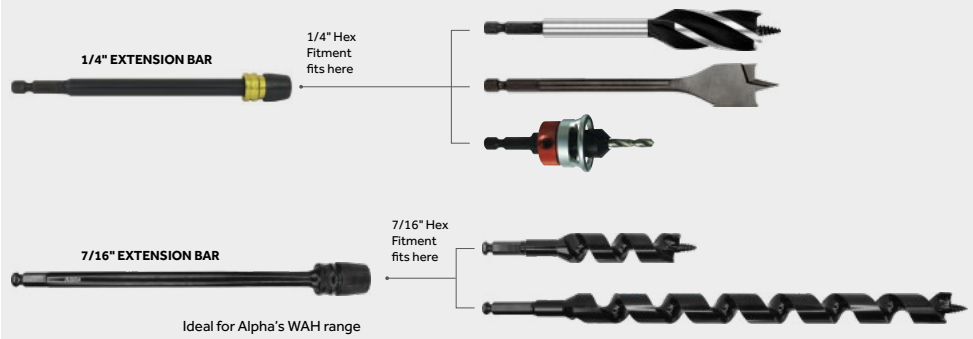
Head size: 28mm



OAL mm	CODE
300	WAH-QREXT300



QUICK RELEASE COMPATIBILITY





HEAVY DUTY AUGER BITS

Ideal for hardwood & softwood.

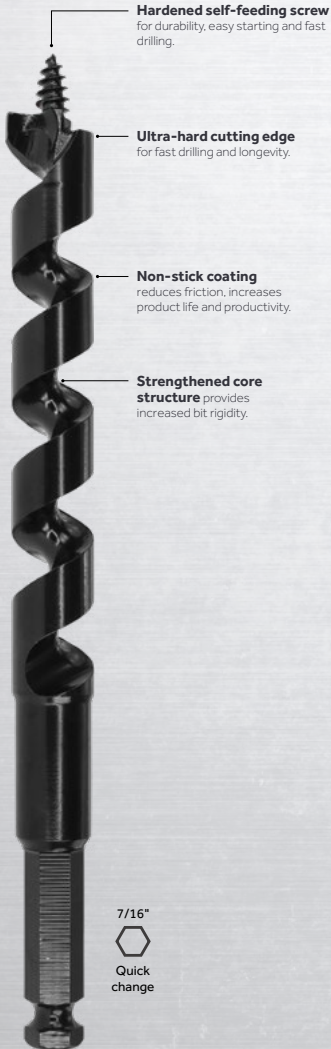
Power poles, fence posts
and railway sleepers.

**HEAVY
DUTY**



Hardwood
& Softwood

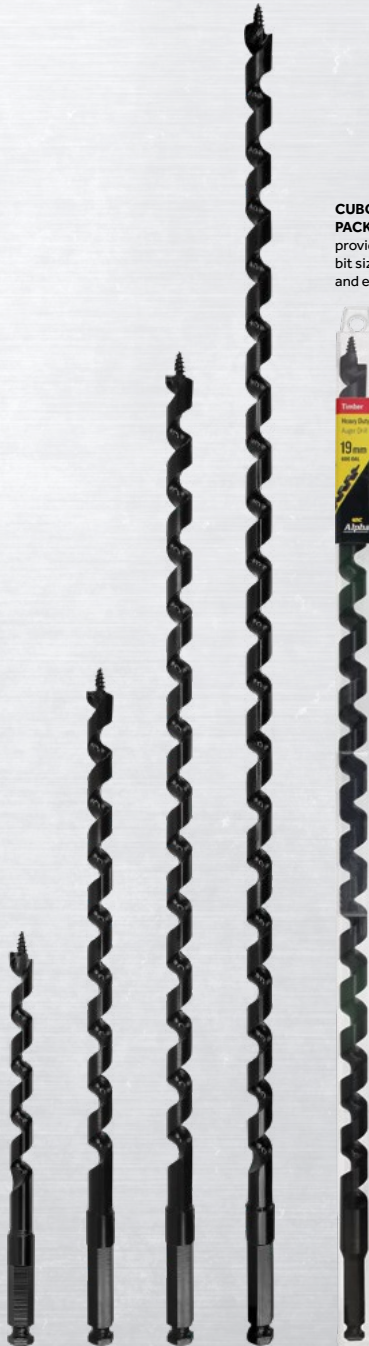
**NAIL
BUSTER**



7/16"



Quick
change



OAL 205mm OAL 330mm OAL 457mm OAL 600mm

**CUBOID
PACKAGING**
provides clear
bit size labelling
and easy storage.



**IMPROVED
LABEL DESIGN**
maximises staff
and customer
selection.

SOLID PLASTIC
protects drill bits

**TRANSPARENT
TUBE**
for maximum
drill visibility

4 LENGTHS AVAILABLE

Alpha 7/16" HEAVY DUTY NAIL BUSTER AUGER BIT / QUICK RELEASE

- Engineered for fast, smooth, extra heavy-duty drilling.
- Non-stick coating increases product life and productivity by providing:
 - Smoother, low friction drilling
 - Faster chip ejection
 - Reduction of wear
 - Protection against corrosion

HEAVY DUTY

NAIL BUSTER



Hardwood & Softwood

DIA mm	DIA in	OAL mm	FL mm	CODE
10	3/8	205	120	WAH100205
	3/8	330	240	WAH100330
	3/8	457	362	WAH100457
	3/8	600	510	WAH100600
11	7/16	205	120	WAH110205
	7/16	330	240	WAH110330
	7/16	457	362	WAH110457
	7/16	600	510	WAH110600
12	15/32	205	120	WAH120205
	15/32	457	362	WAH120457
	15/32	600	510	WAH120600
12.7	1/2	205	120	WAH127205
	1/2	330	240	WAH127330
	1/2	457	362	WAH127457
	1/2	600	510	WAH127600
14	9/16	205	120	WAH140205
	9/16	330	240	WAH140330
	9/16	457	362	WAH140457
	9/16	600	510	WAH140600
16	5/8	205	120	WAH160205
	5/8	330	237	WAH160330
	5/8	457	362	WAH160457
	5/8	600	510	WAH160600
18	23/32	205	120	WAH180205
	23/32	330	237	WAH180330
	23/32	457	362	WAH180457
	23/32	600	510	WAH180600
19	3/4	205	120	WAH190205
	3/4	330	237	WAH190330
	3/4	457	362	WAH190457
	3/4	600	510	WAH190600
20	25/32	330	235	WAH200330
22	7/8	205	120	WAH220205
	7/8	330	235	WAH220330
	7/8	457	362	WAH220457
	7/8	600	510	WAH220600
25	1	205	135	WAH250205
	1	330	235	WAH250330
	1	457	370	WAH250457
	1	600	510	WAH250600
26	1 1/32	457	362	WAH260457
	1 6/64	205	120	WAH290205
	1 6/64	330	234	WAH290330
	1 6/64	457	375	WAH290457
29	1 6/64	600	520	WAH290600
	1 17/64	205	120	WAH320205
	1 17/64	330	234	WAH320330
	1 17/64	457	362	WAH320457
32	1 17/64	600	510	WAH320600



Compatible with 7/16" WAH Extension Bars range

7/16"



Quick change

See Extension Bars on page 52 & 53.

SHIPPER AUGER BITS

Alpha SHIPPER PATTERN AUGER BITS

- Single spur cutting edge reduces resistance for smooth splinter free holes
 - Solid central core for increased bit rigidity
- Ideal for softwood, kiln dried timber & manufactured boards.

DRILL Ø mm	OAL mm	FL mm	HEX SHANK mm	CODE
6	200	130	5	WA060200
	450	390	5	WA060450
8	200	130	6	WA080200
	450	390	6	WA080450
10	200	130	8	WA100200
	460	390	8	WA100450
	600	530	8	WA100600
12	200	130	10	WA120200
	460	390	10	WA120450
14	200	130	10.8	WA140200
	450	390	10.8	WA140450
15	200	130	10.8	WA150200
16	200	130	10.8	WA160200
	450	390	10.8	WA160450
18	200	130	10.8	WA180200
	450	390	10.8	WA180450
20	200	130	10.8	WA200200
	450	390	10.8	WA200450

DRILL Ø mm	OAL mm	FL mm	HEX SHANK mm	CODE
21	210	140	10.8	WA210210
22	200	130	10.8	WA220200
	200	130	10.8	WA240200
24	600	530	10.8	WA240600
	200	130	10.8	WA250200
25	450	390	10.8	WA250450
	600	530	10.8	WA250600
26	200	130	10.8	WA260200
28	200	130	10.8	WA280200
	200	130	10.8	WA300200
30	450	390	10.8	WA300450
	600	530	10.8	WA300600
32	200	130	10.8	WA320200
	600	530	10.8	WA320600



Softwood

3 LENGTHS AVAILABLE
200, 450
& 600mm



HEX Shank



DART SHIPPER PATTERN AUGER BITS

Precision ground bit for fast clean drilling in all types of wood

Features:

- Threaded tip for self centring and self feeding
- One main spur and one pre-cutting spur for accuracy
- Smooth flute ensures chip removal without jamming
- Flute geometry enables fast drilling
- 7/16" Quick change shank
- Suitable for drilling soft and hard woods - dry or wet

DIA mm	OAL mm	FL mm	CODE
6	230	170	DAB0623
8	230	170	DAB0823
	460	370	DAB0846
10	230	170	DAB1023
10	460	370	DAB1046
12	230	170	DAB1223
12	460	370	DAB1246
14	230	170	DAB1423
14	460	370	DAB1446
16	230	170	DAB1623
16	460	370	DAB1646
18	230	170	DAB1823
18	460	370	DAB1846

DIA mm	OAL mm	FL mm	CODE
19	230	170	DAB1923
20	230	170	DAB2023
20	460	370	DAB2046
22	230	170	DAB2223
22	460	370	DAB2246
24	230	170	DAB2423
24	460	370	DAB2446
25	230	170	DAB2523
25	460	370	DAB2546
28	230	170	DAB2823
30	230	170	DAB3023
30	460	370	DAB3046
32	230	170	DAB3223

See Extension Bars on page 52 & 53.



7/16"
Quick change



DART FORSTNER BITS

Precision drill bits for drilling wood materials quickly and efficiently

- Smooth hole drilling action giving tear free hole edges
- Features 2 cutting blades and screw tip for centering
- Ideal for hinge sinking



SIZE mm	CUTTER DEPTH mm	SHANK SIZE mm	CODE	SIZE mm	CUTTER DEPTH mm	SHANK SIZE mm	CODE
10	9.5	8	FOR010	25	11.5	8	FOR025
12	9.5	8	FOR012	26	11.5	8	FOR026
15	9.5	8	FOR015	30	12.5	8	FOR030
16	9.5	8	FOR016	35	13.5	10	FOR035
18	9.5	8	FOR018	45	15.5	10	FOR045
20	9.5	8	FOR020	50	18.5	10	DSFB50
22	9.5	8	FOR022				

DART FORSTNER BIT SET

Precision drill bits for drilling wood materials quickly and efficiently

- Smooth hole drilling action giving tear free hole edges
- Features 2 cutting blades and screw tip for centering
- Ideal for hinge sinking

No. of Pieces	DESCRIPTION	SIZE RANGE	CODE
5	Wooden carry case	15, 20, 25, 30, 35mm	FORST5



DART PLANER BLADES

High quality, solid tungsten carbide reversible blades

- Precision ground with 2 cutting edges
- Reversible for extended life
- 2 blades per pack
- Suitable for most makes of portable electric planers
- 82mm blades

SIZE mm	DESCRIPTION	CODE
82	Carded planer blade x 2	PB82



DART ROUTER BITS

TCT Router cutters designed to meet the needs of the tradesman and woodworker for quality and performance

- PTFE anti-stick coating on body to minimise resin and heat build up
- Straight fluted cutters suitable for plunging
- Twin straight fluted cutters give a clean finish to the cutting edges
- Suitable for cutting chipboard, MDF, plywood, hardwood, softwood and laminate

CUTTING LENGTH mm	SHANK SIZE in	CODE
32	1/2	DAR381
50	1/2	DAR383
50 Premium	1/2	PDAR383
75	1/2	DAR386



DART ROUTER CUTTER SETS

TCT Router cutters designed to meet the needs of the tradesman and woodworker for quality and performance

- PTFE anti-stick coating on body to minimise resin and heat build up
- Straight fluted cutters suitable for plunging
- Twin straight fluted cutters give a clean finish to the cutting edges
- Suitable for cutting chipboard, MDF, plywood, hardwood, softwood and laminate

No. of Pieces	SHANK SIZE mm	DESCRIPTION	CODE
12	1/4"	Cutter set in metal carry case	DASET1/4
12	1/2"	Cutter set in metal carry case	DASET1/2



1/2" Cutter Set



1/4" Cutter Set



COUNTERSINKS

59

HSS-CO COUNTERSINKS	60
COUNTERSINK SETS	62
TCT COUNTERSINKS	63
QUICK-CUT COUNTERSINKS	64

COUNTERSINKS

Alpha 3 FLUTE 90° COUNTERSINK - HSS COBALT TIN COATING / CARDED

- Fully ground M2 HSS-Co8 increases strength and countersink life
- Titanium nitride coating reduces heat and increases lubricity for extended life
- 3 flute design provides clean and fast countersinking and deburring with a cordless drill

HEAD Ø mm	HEAD Ø in	OAL mm	SHANK Ø mm	RANGE Min - Max	CODE	CARD Qty
13	33/64	42.0	1/4	2 - 13	CS3-13QR	1
16	5/8	43.0	1/4	3 - 16	CS3-16QR	1
19	3/4	45.5	1/4	4 - 19	CS3-19QR	1

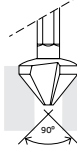
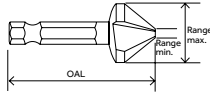
3X GOLD LIFE Series

Designed for long lasting results in the toughest materials



1/4" Quick Change Shank

HSS COBALT with **TiN** coating



1/4" Quick change

CARDED
Attractive hang sell packaging



Alpha 1 FLUTE 90° COUNTERSINK - HSS COBALT / HANG SELL

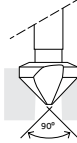
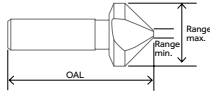
- Simple to sharpen by grinding the face of the flute
- Fully ground M42 HSS-Co8 increases strength and countersink life
- General purpose countersinking and Fully ground deburring in low density materials

HEAD Ø mm	HEAD Ø in	OAL mm	SHANK Ø mm	RANGE Min-Max	CODE	TUBE Qty
10	5/16	46	6	1 - 10	CS1-10	1
16	5/8	46.5	8	2 - 16	CS1-16	1
20	3/4	47	10	2 - 20	CS1-20	1
25	1	51	10	3 - 25	CS1-25	1
30	1-3/16	71	12	3 - 30	CS1-30	1

Single flute construction provides less aggressive and slower cutting than multi-flutes, therefore reducing the risk of chattering permitting optimum performance for the handyman and portable power tools.



Fully ground **HSS COBALT** for increased strength & longer life



BULK
Supplied in hangable plastic tube



Alpha 3 FLUTE 90° COUNTERSINK - HSS COBALT / HANG SELL

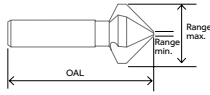
- Fully ground M42 HSS-Co8 increases strength and countersink life
- General purpose countersinking and Fully ground deburring in high density materials

HEAD Ø mm	HEAD Ø in	OAL mm	SHANK Ø mm	RANGE min-max	CODE	TUBE Qty
6.3	1/4	46	5	1 - 6.3	CS3-6.3	1
8.3	21/64	46	6	1 - 8.3	CS3-8.3	1
10.4	13/32	54	6	1 - 10.4	CS3-10.4	1
12.4	1/2	54	8	2 - 12.4	CS3-12.4	1
14.4	9/16	56	8	2 - 14.4	CS3-14.4	1
16.5	21/32	60	10	2 - 16.5	CS3-16.5	1
20.5	13/16	63	10	2 - 20.5	CS3-20.5	1
25	1	51	10	3 - 25	CS3-25	1
30	1-3/16	71	12	3 - 30	CS3-30	1
40	1-9/16	80	13	3 - 40	CS3-40	1

Three flute construction reduces chip load and controls chatter, which permits higher feed rates. Recommended machine use for accurate speed and feed rates for optimum results.



Fully ground **HSS COBALT** for increased strength & longer life



BULK
Supplied in hangable plastic tube



Alpha 5 FLUTE 90° COUNTERSINK - HSS AL / HANG SELL

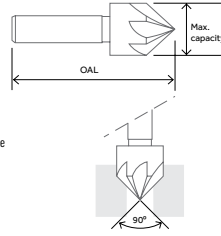
- Fully ground M2 HSS-AL increases strength and countersink life
- General purpose countersinking and deburring

HEAD Ø mm	HEAD Ø in	OAL mm	SHANK Ø mm	CAPACITY min-max	CODE	TUBE Qty
8	5/16	35	5	20.5	CS5-8	1
12	1/2	39	6.35	20.5	CS5-12	1
16	5/8	52	8	32	CS5-16	1
20	3/4	58	10	35	CS5-20	1

Five flute construction provide optimum stability in hard materials for fast productivity with a fine finish. Perfect for stainless steel. Recommended machine use for accurate speed and feed rates for optimum results.

AL Aluminium	MS Mid Steel	CI Cast Iron	SW Softwood	HW Hardwood	SP Soft Plastic	HP Hard Plastic	<input type="checkbox"/> Optional <input checked="" type="checkbox"/> Effective
------------------------	------------------------	------------------------	-----------------------	-----------------------	---------------------------	---------------------------	--

Fully ground
HSS AL
for increased strength & longer life



BULK
Supplied in hangable plastic tube



Alpha CROSS HOLE 90° COUNTERSINK DEBURRER - HSS COBALT / HANG SELL

- Fully ground M42 HSS-Co8 increases strength.
- General purpose deburring

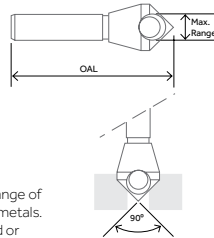
HEAD Ø mm	OAL mm	SHANK Ø mm	RANGE min-max	CODE	TUBE Qty
10	46	6	4 - 9	CSCH-10	1
14	46	8	6 - 13	CSCH-14	1
21.5	64.5	10	8 - 19	CSCH-21	1
28	80	12	10 - 24	CSCH-28	1
35	97	15	12 - 32	CSCH-35	1
44	115	15	16 - 40	CSCH-44	1

The cross hole construction is the most universal product suiting the widest range of materials. Optimum deburrer results are obtained in ferrous and non-ferrous metals. Countersinking optimum results are obtained in softer materials such as wood or plastic, however fluted countersinks are more suited for countersinking hard metals.

Deburring:

AL Aluminium	MS Mid Steel	HS Hard Steel	CI Cast Iron	SS Stainless Steel	B Brass	SW Softwood	HW Hardwood	SP Soft Plastic	HP Hard Plastic	<input type="checkbox"/> Optional <input checked="" type="checkbox"/> Effective
------------------------	------------------------	-------------------------	------------------------	------------------------------	-------------------	-----------------------	-----------------------	---------------------------	---------------------------	--

Fully ground
HSS COBALT
for increased strength & longer life



BULK
Supplied in hangable plastic tube



Alpha DEBURRER SETS - HSS COBALT

- Fully ground M42 HSS-Co8 increases strength.
- General purpose deburring

No. of Pieces	DESCRIPTION	SIZE RANGE	CODE
3	Crosshole countersink set	10, 14, 21.5mm	CSCH-SET3





COUNTERSINK & DEBURRER SETS - HSS COBALT

- Fully ground M42 HSS-Co8 increases strength and countersink life
- General purpose countersinking and deburring

No. of Pieces	DESCRIPTION	SIZE RANGE	CODE
6	3 flute countersink set	6.3, 8, 10, 12, 16, 20mm	CS3-SET6



DART 3 FLUTE 90° COUNTERSINK SET - HSS

- High speed steel ground deburring countersinks
- Three sharp 90° cutting edges for rapid swarf clearance.

No. of Pieces	DESCRIPTION	SIZE RANGE	CODE
6	3 flute countersink set	6.3, 8.3, 10.4, 12.4, 16.5, 20.5mm	DCS3-SET6



Alpha COUNTERSINK DRILLS WITH MINI CHUCK - TCT / CARDED

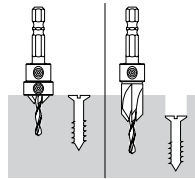
- Ideal for Cement Sheet & Timber
- Adjustable depth stop suitable for flush mounting & deep enough to accommodate a plug
- Tungsten carbide tipped drill with improved chip extraction, allowing increased feed rates & shorter cycle times
- Packaged with grub screw for replacing drill

Countersink Features: • 90° Angle • Three flutes • Tungsten Carbide Tipped

DRILL Ø mm	DRILL Ø in	COUNTERSINK Ø mm	COUNTERSINK Ø in	SUITS SCREW GAUGE	CODE	CARD Qty
2.0	5/64	9.5	3/8		AS02004	1
2.4	3/32	9.5	3/8	6G	AS02404	1
2.8	7/64	9.5	3/8	6G	AS02804	1
3.0		9.5	3/8	7G	AS03004	1
3.2	1/8	9.5	3/8	8G	AS03204	1
3.5		9.5	3/8	10G	AS03504	1
4.0	5/32	12.7	1/2	12G	AS04004	1
5.0		12.7	1/2	12G	AS05004	1
6.0		12.7	1/2	14G	AS06004	1

W Wood
C Cement Sheet
■ Optimal

Adjustable depth stop



Tungsten carbide tipped pilot drill with improved chip extraction, allowing increased feed rates and shorter cycle times

Countersink
 • 90° angle
 • Three flutes
 • Tungsten Carbide Tipped

Adjustable depth stop suitable for flush mounting and deep enough to accommodate a plug

1/4"

 Quick change

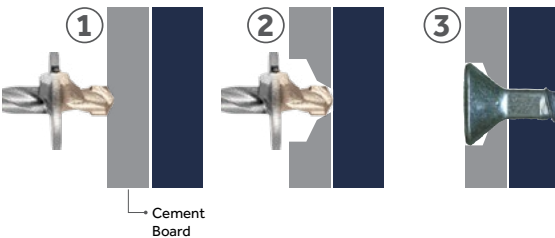
CARDED
 Attractive hang sell packaging



Alpha MASONRY WITH COUNTERSINK DEPTH GAUGE / CARBIDE TIP

- Ideal for drilling and countersinking compressed cement sheet and compressed fibre cement board

DRILL Ø mm	COUNTERSINK DEPTH mm	CODE	CARD Qty
5	9	MADG0509	1
5	18	MADG0518	1
6	9	MADG0609	1
6	18	MADG0618	1



1/4"

 Quick change

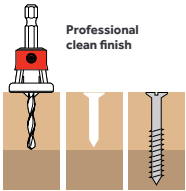


COUNTERSINKS - WOOD

TUFF QUICK-CUT COUNTERSINK BIT - WOOD / CARDED

- Designed for drilling and countersinking with one tool
- For use in hard or soft timber decking, plastic, fibre cement board, and abrasive materials.
- Fully adjustable depth stop for accurate control of countersink
- Rubber stop collar with bearings prevents tool from marking the surface

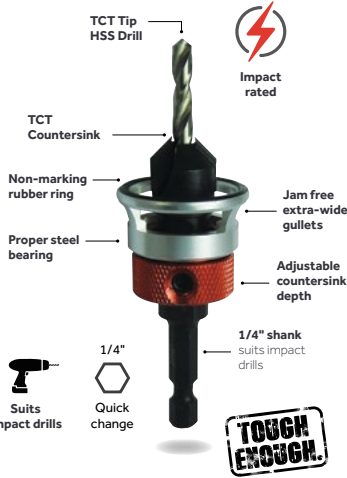
DRILL Ø GAUGE mm	DRILL Ø mm	DRILL Ø in	CODE	CARD Qty
8	3.18	1/8"	TQC-8G	1
10	3.57	9/64"	TQC-10G	1
12	3.97	5/32"	TQC-12G	1
14	4.76	3/16"	TQC-14G	1



Professional clean finish



Screw head depths can be fully adjusted with depth stop



CARDED
Attractive hang
sell packaging



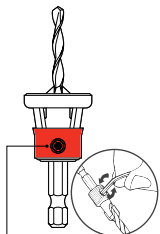
INCLUDES:
1x TCT Tip pilot drill
2x Spare HSS pilot drills
1x Allen Key

TUFF REPLACEMENT PILOT DRILLS FOR QUICK-CUT COUNTERSINK BIT / CARDED

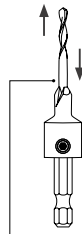
DRILL Ø GAUGE mm	DRILL Ø mm	DRILL Ø in	CODE	CARD Qty
8	3.18	1/8"	TQCPD-8G	5
10	3.57	9/64"	TQCPD-10G	5
12	3.97	5/32"	TQCPD-12G	5
14	4.76	3/16"	TQCPD-14G	5



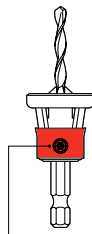
Drill replacement instructions



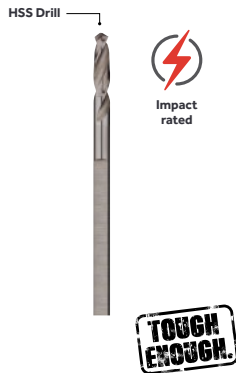
Turn hex screw anti-clockwise.



Remove the old pilot drill and insert a new one.



Turn hex screw clockwise until grub screw is firmly positioned on the pilot drill.



CARDED
Attractive hang
sell packaging



INCLUDES
5x Pilot drills
per card



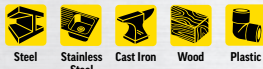
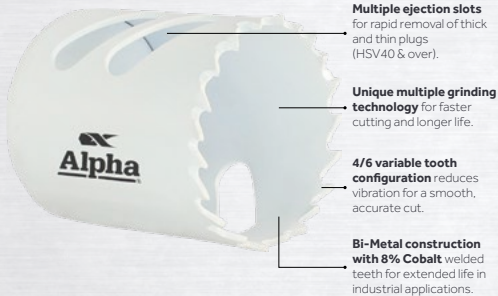
HOLESAWS & HOLE CUTTERS 65

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WHITE POINTER 8% COBALT

BI-METAL HOLESAW

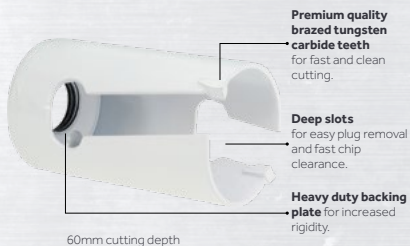


HEAVY DUTY stays sharper longer

- Engineered for heavy duty industrial applications and smooth accurate cuts.
- International standard thread pattern accepts all common arbors

10x LIFE*

TCT HOLESAW



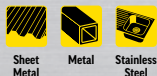
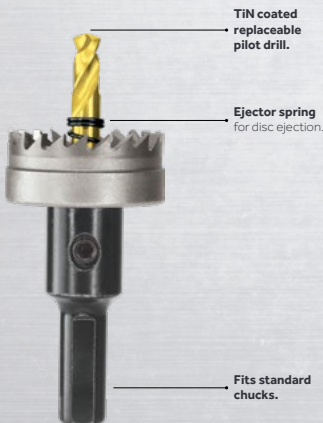
MULTI PURPOSE

Fast and clean multi-purpose cutting.

*Lasts 10 times longer than Bi-Metal holesaws when cutting cement sheet, wood, aluminium, plasterboard, ceramic and plastic.

HSS HOLE CUTTER WITH ARBOR

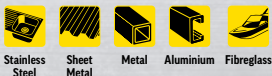
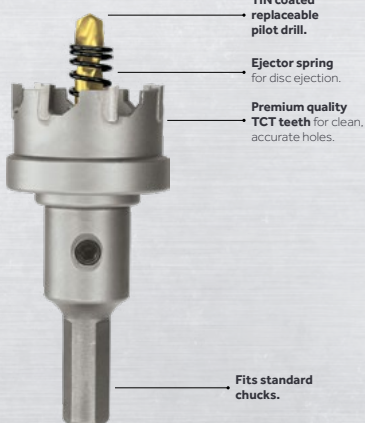
20x LIFE*



- 1.6mm cutting depth
- *20x longer working life than standard Bi-Metal holesaws when cutting sheet metal

TCT HOLE CUTTER WITH ARBOR

20x LIFE*



- 5mm cutting depth in stainless steel when used with a battery drill
- 20mm cutting depth in stainless steel when using a low-speed drill press
- *20x longer working life than standard Bi-Metal holesaws when cutting sheet metal

Alpha BI-METAL HOLESAWS / WHITE POINTER 8% COBALT

- Holesaw sizes up to 38mm dia: 38mm cutting depth
- Holesaw sizes 40mm dia and up: 48mm cutting depth
- International standard thread pattern accepts all common arbors

Ideal for: Steel, stainless steel, cast iron, non-ferrous metal, wood and plastic.

DIA mm	DIA in	Ejection Slots	CODE	DIA mm	DIA in	Ejection Slots	CODE
14	9/16	1	HSV14	65	2 9/16	3	HSV65
16	5/8	1	HSV16	67	2 5/8	3	HSV67
17	11/16	1	HSV17	68	2 21/32	3	HSV68
19	3/4	1	HSV19	70	2 3/4	3	HSV70
20	25/32	1	HSV20	73	2 7/8	3	HSV73
21	13/16	1	HSV21	75	2 15/16	3	HSV75
22	7/8	1	HSV22	76	3	3	HSV76
24	15/16	1	HSV24	79	3 1/8	3	HSV79
25	1	2	HSV25	83	3 1/4	3	HSV83
27	1 1/16	2	HSV27	86	3 3/8	3	HSV86
29	1 1/8	2	HSV29	89	3 1/2	3	HSV89
30	1 3/16	2	HSV30	92	3 5/8	3	HSV92
32	1 1/4	2	HSV32	95	3 3/4	3	HSV95
33	1 5/16	2	HSV33	98	3 7/8	3	HSV98
35	1 3/8	2	HSV35	100	3 15/16	3	HSV100
37	1 7/16	2	HSV37	102	4	3	HSV102
38	1 1/2	2	HSV38	105	4 1/8	3	HSV105
40	1 9/16	3	HSV40	108	4 1/4	3	HSV108
41	1 5/8	3	HSV41	111	4 3/8	3	HSV111
43	1 11/16	3	HSV43	114	4 1/2	3	HSV114
44	1 3/4	3	HSV44	121	4 3/4	3	HSV121
45	1 25/32	3	HSV45	127	5	3	HSV127
46	1 13/16	3	HSV46	140	5 1/2	3	HSV140
48	1 7/8	3	HSV48	146	5 3/4	3	HSV146
50	1 31/32	3	HSV50	152	6	3	HSV152
51	2	3	HSV51	160	6 5/16	3	HSV160
52	2 1/16	3	HSV52	168	6 5/16	3	HSV168
54	2 1/8	3	HSV54	177	7	3	HSV177
55	2 5/32	3	HSV55	185	7 1/4	3	HSV185
57	2 1/4	3	HSV57	200	7 7/8	3	HSV200
59	2 5/16	3	HSV59	210	8 1/4	3	HSV210
60	2 3/8	3	HSV60	250	9 13/16	3	HSV250
64	2 1/2	3	HSV64				



Sizes:
14.0 - 30.0mm
suitable Arbor
ARB-1

Sizes:
32.0 - 250.0mm
suitable Arbor
ARB-2 & ARB-3



14 to 24mm
1 ejection slot to maintain in-use durability



25 to 38mm
2 ejection slots for maximum plug removal while maintaining in-use durability

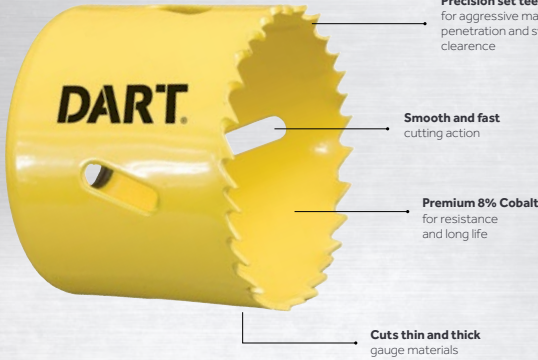


40mm and over
3 ejection slots for rapid removal of thick and thin plugs



International standard thread pattern
accepts all common arbors

BI-METAL HOLESAW



DART HSS PREMIUM COBALT BI-METAL HOLESAWS

Variable pitched premium 8% cobalt holesaw for professional use

Features:

- Features a smooth and fast cutting action
- Precision set teeth for aggressive material penetration and swarf clearance
- 38mm cutting depth
- Will cut thin and thick gauge materials
- Suitable for cutting aluminium, steel, stainless steel, brass, cast iron, wood and plastic
- 8% cobalt for resistance and long life

DIA mm	CODE	DIA mm	CODE	DIA mm	CODE
14	DPH014	48	DPH048	89	DPH089
16	DPH016	50	DPH050	92	DPH092
17	DPH017	51	DPH051	95	DPH095
19	DPH019	52	DPH052	98	DPH098
20	DPH020	54	DPH054	100	DPH100
21	DPH021	55	DPH055	102	DPH102
22	DPH022	56	DPH056	105	DPH105
24	DPH024	57	DPH057	108	DPH108
25	DPH025	60	DPH060	111	DPH111
27	DPH027	62	DPH062	114	DPH114
29	DPH029	64	DPH064	121	DPH121
30	DPH030	65	DPH065	127	DPH127
32	DPH032	67	DPH067	133	DPH133
33	DPH033	68	DPH068	140	DPH140
35	DPH035	70	DPH070	152	DPH152
38	DPH038	73	DPH073	160	DPH160
40	DPH040	75	DPH075	165	DPH165
41	DPH041	76	DPH076	168	DPH168
43	DPH043	79	DPH079	177	DPH177
44	DPH044	82	DPH082	200	DPH200
45	DPH045	83	DPH083	210	DPH210
46	DPH046	86	DPH086		



Holesaw Recommended RPM

ø mm	ø inches	RPM					
		Mild Steel	Stainless Steel	Cast Iron	Brass	Aluminium	Wood
14	9/16	580	300	400	790	900	3,000
16	5/8	550	275	365	730	825	3,000
17	11/16	500	250	330	665	750	3,000
19	3/4	460	230	300	600	690	3,000
20		440	220	290	580	660	3,000
21		425	210	280	560	635	3,000
22	7/8	390	195	260	520	585	3,000
24		360	180	240	480	540	2,700
25	1	350	175	235	470	525	2,700
27	1 1/16	325	160	215	435	480	2,700
29	1 1/8	300	150	200	400	450	2,700
30	1 3/16	285	145	190	380	425	2,400
32	1 1/4	275	140	180	360	410	2,400
33	1 5/16	260	135	175	345	390	2,400
35	1 3/8	250	125	165	330	375	2,400
37	1 7/16	240	120	160	315	360	2,400
38	1 1/2	230	115	150	300	345	2,400
40	1 9/16	220	110	145	290	330	2,100
41	1 5/8	210	105	140	280	315	2,100
43	1 11/16	205	100	135	270	305	2,100
44	1 3/4	195	95	130	250	295	2,100
45		190	100	135	270	305	2,100
46	1 13/16	190	95	125	250	285	2,100
48	1 7/8	180	90	120	240	270	2,100
50		170	85	115	230	255	2,000
51	2	170	85	115	230	255	2,000
52	2 1/16	165	80	110	220	245	2,000
54	2 3/8	160	80	105	210	240	2,000
55		155	75	105	210	235	2,000
57	2 1/4	150	75	100	200	225	2,000
59	2 5/16	145	75	95	195	225	2,000
60	2 3/8	140	70	90	190	220	2,000
64	2 1/2	135	65	85	180	205	1,800
65	2 9/16	130	65	85	175	200	1,800
67	2 5/8	130	65	85	170	195	1,800
68		130	65	85	170	195	1,800
70	2 3/4	125	60	80	160	185	1,800
73	2 7/8	120	60	75	160	180	1,800
75		115	55	75	150	170	1,500
76	3	115	55	70	150	170	1,500
79	3 1/8	110	55	70	140	165	1,500
83	3 1/4	105	50	65	140	155	1,500
86	3 3/8	100	50	65	130	150	1,500
89	3 1/2	95	45	60	130	145	1,200
92	3 5/8	90	45	60	120	140	1,200
95	3 3/4	90	45	60	120	135	1,200
98	3 7/8	90	45	60	120	135	1,200
100		85	40	55	110	120	1,000
102	4	85	40	55	110	130	1,000
104	4 1/8	80	40	55	110	120	1,000
105		80	40	55	110	120	1,000
108	4 1/4	80	40	55	110	120	1,000
111	4 3/8	80	40	50	100	120	1,000
114	4 1/2	75	35	50	100	105	1,000
121	4 3/4	75	35	50	92	95	1,000
127	5	65	30	45	90	90	1,000
140	5 1/2	60	25	40	85	85	800
146	5 3/4	55	25	35	75	75	800
152	6	55	25	35	75	75	800



WHITE POINTER HOLESAW KITS

8%
COBALT

**HEAVY
DUTY** stays
sharper
longer



Alpha HOLESAW KITS

- Flexible and easy to find product layout: Holesaws are laid out for quick and easy selection, and smaller sizes do not need to be removed from the arbor for fast pack up
- Strong ABS plastic case with aluminium latches, withstands tough jobsite conditions
- Unique hinge design allows the lid to open wide without overbalancing
- Ergonomic comfort grip handle

No. of Pieces	TYPE	CONTENTS	CODE
11	Electrician's	• 7x Holesaws: 16, 20, 25, 32, 40, 51 & 64mm • Spade bit (TurboBore): 25mm • Pilot drill: 31/4" • Adaptor: (ARB-ADP) • Small arbor w/ pilot drill: suits 14-30mm holesaws • Large arbor w/ pilot drill: suits 32-250mm holesaws	HSKELW11
11	Plumber's	• 7x Holesaws: 19, 22, 30, 35, 44, 51 & 57mm • Spade bit (TurboBore): 16mm • Pilot drill: 31/4" • Adaptor: (ARB-ADP) • Small arbor w/ pilot drill: suits 14-30mm holesaws • Large arbor w/ pilot drill: suits 32-250mm holesaws	HSKPLW11
11	Locksmith's	• 7x Holesaws: 22, 25, 32, 38, 44, 54 & 60mm • Spade bit (TurboBore): 25mm • Pilot drill: 31/4" • Adaptor: (ARB-ADP) • Small arbor w/ pilot drill: suits 14-30mm holesaws • Large arbor w/ pilot drill: suits 32-250mm holesaws	HSKLOW11
13	Tradie's	• 10x Holesaws: 16, 20, 22, 25, 32, 35, 38, 40, 51, 54, 64, & 92mm • Pilot drill: 31/4" • Adaptor: (ARB-ADP) • Small arbor w/ pilot drill: suits 14-30mm holesaws • Large arbor w/ pilot drill: suits 32-250mm holesaws	HSKTRW13
16	Ultimate Plumber's	• 11x Holesaws: 19, 22, 25, 30, 35, 44, 51, 57, 73, 92 & 114mm • Hex drill set (15 PCE): 1.5 – 6.5mm (9QRM-SET15) • Auger bit (4 Cutter): 16mm (TS4C-16) • Small arbor with pilot drill: suits 14 – 30mm holesaws (ARB-1) • Large arbor with pilot drill: suits 32 – 250mm holesaws (ARB-2) • Pilot drill: 31/4" (PLD-1) Adaptor (ARB-ADP)	HSKPLW16
19	Electrician's	• 14x Holesaws: 16, 20, 22, 25, 32, 40, 44, 51, 54, 64, 70, 73 & 92mm • Spade bit (TurboBore): 25mm • Pilot drill: 31/4" • Hex drill set (15pc): 1.5-6.5mm • Adaptor: (ARB-ADP) • Small arbor w/ pilot drill: suits 14-30mm holesaws • Large arbor w/ pilot drill: suits 32-250mm holesaws	HSKELW19
21	Tradie's	• 17x Holesaws: 16, 20, 22, 25, 29, 32, 35, 38, 40, 51, 54, 60, 64, 70, 76, 92, & 114mm • Spade bit (TurboBore): 25mm • Small arbor w/ pilot drill: suits 14-30mm holesaws • Large arbor w/ pilot drill: suits 32-250mm holesaws • Pilot drill: 31/4" • Hex drill set (15pc): 1.5-6.5mm • Adaptor: (ARB-ADP)	HSKTRW21

DART®

PREMIUM COBALT BI-METAL HOLESAW KITS



DPHK8



DPHK9



DPHK11

DART HSS PREMIUM COBALT BI-METAL HOLESAWS

Variable pitched premium 8% cobalt holesaw for professional use

Features:

- Features a smooth and fast cutting action
- Precision set teeth for aggressive material penetration and swarf clearance
- 38mm cutting depth

No. of Pieces	TYPE	CONTENTS	CODE
8	Electrician's	<ul style="list-style-type: none"> • 6x Holesaws: 16, 20, 25, 32, 44, & 51mm • Small arbor w/ pilot drill: suits 14-30mm holesaws • Large arbor w/ pilot drill: suits 32-250mm holesaws • Zippered case with foam insert 	DPHK8
9	Plumber's	<ul style="list-style-type: none"> • 7x Holesaws: 19, 22, 29, 38, 44, 51, & 57mm • Small arbor w/ pilot drill: suits 14-30mm holesaws • Large arbor w/ pilot drill: suits 32-250mm holesaws • Zippered case with foam insert 	DPHK9
11	Tradesmen	<ul style="list-style-type: none"> • 9x Holesaws: 16, 20, 25, 32, 44, 51, 64, 68 & 76mm • Small arbor w/ pilot drill: suits 14-30mm holesaws • Large arbor w/ pilot drill: suits 32-250mm holesaws • Zippered case with foam insert 	DPHK11

MULTI PURPOSE TCT HOLESAWS

Alpha PRO-FIT MULTI PURPOSE TCT HOLESAW

- Premium quality brazed tungsten carbide teeth for fast and clean cutting
- Deep slots for easy plug removal and fast chip clearance
- Heavy duty backing plate for increased rigidity
- 60mm cutting depth

Ideal for: Cement sheet, wood, plasterboard, and plastic

DIA mm	DIA in	CODE	DIA mm	DIA in	CODE
16	5/8"	HSTCT-16	64	2 1/2"	HSTCT-64
20	25/32"	HSTCT-20	67	2 5/8"	HSTCT-67
22	7/8"	HSTCT-22	68	2 21/32"	HSTCT-68
25	1"	HSTCT-25	70	2 3/4"	HSTCT-70
27	1 1/16"	HSTCT-27	73	2 7/8"	HSTCT-73
30	1 3/16"	HSTCT-30	76	3"	HSTCT-76
32	1 1/4"	HSTCT-32	80	3 1/8"	HSTCT-80
35	1 3/8"	HSTCT-35	82	3 7/32"	HSTCT-82
38	1 1/2"	HSTCT-38	86	3 3/8"	HSTCT-86
40	1 9/16"	HSTCT-40	89	3 1/2"	HSTCT-89
44	1 3/4"	HSTCT-44	92	3 5/8"	HSTCT-92
50	1 31/32"	HSTCT-50	102	4"	HSTCT-102
51	2"	HSTCT-51	114	4 1/2"	HSTCT-114
54	2 1/8"	HSTCT-54	125	5"	HSTCT-125
57	2 1/4"	HSTCT-57	140	5 1/2"	HSTCT-140
60	2 3/8"	HSTCT-60	152	6"	HSTCT-152

10x LIFE

*Lasts 10 times longer than Bi-Metal holesaws when cutting cement sheet, wood, aluminium, plasterboard, ceramic and plastic



BOXED
Attractive hangable or free-standing box



Sizes:
16.0 - 30.0mm
suitable Arbor
ARB-4

Sizes:
32.0 - 152.0mm
suitable Arbor
ARB-5

Alpha PRO-FIT TCT HOLESAW KITS

- Premium quality brazed tungsten carbide teeth for fast and clean cutting
- Deep slots for easy plug removal and fast chip clearance
- Heavy duty backing plate for increased rigidity
- 60mm cutting depth

Ideal for: Cement sheet, wood, plasterboard, and plastic

No. of Pieces	CONTENTS	CODE
8 Piece Plumbers	6 x Holesaws: 22, 25, 32, 44, 51 & 54mm Small arbor with TCT pilot drill: suits 14 – 30mm holesaws Large arbor with TCT pilot drill: suits 32 – 250mm holesaws	HSTCTKPL8
12 Piece Electricians	8 x Holesaws: 20, 22, 25, 32, 40, 51, 70 & 92mm Small arbor with TCT pilot drill: suits 14 – 30mm holesaws Large arbor with TCT pilot drill: suits 32 – 250mm holesaws TCT pilot drill: 6.5 x 114mm (PLD-4) Adaptor (ARB-ADP)	HSTCTKEL12
16 Piece Tradesmen	11 x Holesaws: 16, 20, 22, 25, 32, 35, 38, 44, 51, 54 & 64mm Small arbor with TCT pilot drill: suits 14 – 30mm holesaws Large arbor with TCT pilot drill: suits 32 – 250mm holesaws 2 x TCT pilot drill: 6.5 x 89mm (PLD-3) & 6.5 x 114mm (PLD-4) Adaptor (ARB-ADP)	HSTCTKTR16



12 Piece Electricians



8 Piece Plumbers



16 Piece Tradesmen



Alpha BI-METAL & TCT HOLESAW ARBOR SETS

• **Bi-Metal Holesaw Arbors.** Include 1 Arbor & 1 HSS Pilot Drill

SUITS	ARBOR SHANK	PILOT DRILL	ARBOR TYPE	CODE
14 - 30mm	11/32" quick change shank for 10mm (3/8") chuck	HSS 6.35 x 89mm (PLD-1)		ARB-1
	SDS plus		ARBSP-1	
32 - 250mm	7/16" hex shank for 13mm (1/2") chuck	HSS 6.35 x 114mm (PLD-2)	Heavy duty screw-up design	ARB-2
	11/32" quick change shank for 10mm (3/8") chuck	HSS 6.35 x 89mm (PLD-1)	Quick release mechanism	ARB-3

• **Bi-Metal & TCT Arbor Sets.** Include 1 Arbor & 2 Pilot Drills

SUITS	ARBOR SHANK	PILOT DRILL	ARBOR TYPE	CODE
14 - 30mm	11/32" quick change shank for 10mm (3/8") chuck	HSS 6.35 x 89mm (PLD-1) TCT 6.5 x 89mm (PLD-3)	Heavy duty screw-up design	ARB-4
32 - 250mm	7/16" hex shank for 13mm (1/2") chuck	HSS 6.35 x 114mm (PLD-2) TCT 6.5 x 114mm (PLD-4)		ARB-5



DART PREMIUM ARBORS

• Includes 1 Arbor & 1 HSS Pilot Drill
 • DPA2 has a unique thread allowing two holesaws to be mounted inside each other, so that holes can be enlarged with ease.

SUITS	ARBOR SHANK	PILOT DRILL	CODE
14 - 30mm	9.5mm hex shank	HSS 6.3 x 83mm (DAP83)	DPA1
32 - 210mm	11mm hex shank	HSS 6.3 x 104mm (DAP104)	DPA2



Alpha REPLACEMENT PILOT DRILLS

SUITS	SUITS HOLESAW	SIZE	CODE
ARB-1 & ARB-3	Bi-Metal	6.35 x 89mm	PLD-1
ARB-2	Bi-Metal	6.35 x 114mm	PLD-2
ARB-1 & ARB-4	TCT	6.5 x 89mm	PLD-3
ARB-2 & ARB-5	TCT	6.5 x 114mm	PLD-4
	HSS Holecutter	6 x 45mm (Suits HSS Hole Cutters 28 - 102mm)	PLD-5
	TCT Holecutter	6 x 60mm (Suits TCT Hole Cutters 6 - 60mm)	PLD-6



DART REPLACEMENT PILOT DRILLS

SUITS	ARBOR SHANK	PILOT DRILL	CODE
14 - 30mm	9.5mm hex shank	HSS 6.3 x 83mm (DAP83)	DAP83
32 - 210mm	11mm hex shank	HSS 6.3 x 104mm (DAP83)	DAP104



Alpha ADAPTOR

DESCRIPTION	CODE
To convert arbors from small to large	ARB-ADP



HSS & TCT HOLE CUTTERS

Alpha HSS HOLE CUTTERS WITH ARBOR

Fast and clean cutting, suitable for drilling sheet metal, steel pipe, stainless steel, aluminium and fibreglass reinforced synthetic materials

- 1.6mm cutting depth in mild steel.
- 20x longer working life than standard Bi-Metal holesaws when cutting sheet metal
- Complete with arbor & TiN coated replaceable pilot drill
- Ejector spring for disc ejection
- Premium quality SKH-51 HSS for clean accurate holes & long life
- Stepped wall design to prevent overdrilling

Suits: Cordless & Electric Drills, pedestal drills

DIA mm	DIA in	PILOT DRILL	CODE	DIA mm	DIA in	PILOT DRILL	CODE
15	9/16	PLD-5	HCS15	35	1 3/8	PLD-5	HCS35
16	5/8	PLD-5	HCS16	38	1 1/2	PLD-5	HCS38
18	11/16	PLD-5	HCS18	40	1 9/16	PLD-5	HCS40
19	3/4	PLD-5	HCS19	50	1 31/32	PLD-5	HCS50
20	25/32	PLD-5	HCS20	60	2 3/8	PLD-5	HCS60
22	7/8	PLD-5	HCS22	63	2 1/4	PLD-5	HCS63
25	1	PLD-5	HCS25	65	2 7/16	PLD-5	HCS65
28	1 1/8	PLD-5	HCS28	76	3	PLD-5	HCS76
30	1 3/16	PLD-5	HCS30	87	3 7/16	PLD-5	HCS87
32	1 1/4	PLD-5	HCS32	92	3 5/8	PLD-5	HCS92



*Lasts 20 times longer than Bi-Metal holesaws when cutting sheet metal.

Alpha TCT HOLE CUTTERS WITH ARBOR

Fast and clean cutting, suitable for drilling sheet metal, steel pipe, stainless steel, aluminium and fibreglass reinforced synthetic materials

- 5mm cutting depth in stainless steel when used with a battery drill
- 20mm cutting depth in stainless steel when using a low-speed drill press
- Premium quality TCT teeth for clean, accurate holes
- Replaceable pilot drill, fits standard chucks, complete with Arbor
- Ejector spring for disc ejection

DIA mm	DIA in	PILOT DRILL	CODE	DIA mm	DIA in	PILOT DRILL	CODE
16	5/8	PLD-6	HCSTCT16	32	1 1/4	PLD-6	HCSTCT32
18	11/16	PLD-6	HCSTCT18	35	1 3/8	PLD-6	HCSTCT35
19	3/4	PLD-6	HCSTCT19	38	1 1/2	PLD-6	HCSTCT38
20	25/32	PLD-6	HCSTCT20	40	1 9/16	PLD-6	HCSTCT40
22	7/8	PLD-6	HCSTCT22	50	1 31/32	PLD-6	HCSTCT50
25	1	PLD-6	HCSTCT25	60	2 3/8	PLD-6	HCSTCT60
28	1 1/8	PLD-6	HCSTCT28				
30	1 3/16	PLD-6	HCSTCT30				



*Lasts 20 times longer than Bi-Metal holesaws when cutting sheet metal.

DART PREMIUM COBALT MINI HOLESAWS

- Ultra Fast Cutting Mini Holesaws with 8% Cobalt, designed for drilling through sheet metal. Can be used in Impact Drivers.
- Ultra thin kerf HSS cutting edge with 8% cobalt for extra durability.
- Small, sharp and durable tooth design provides fast drilling in materials up to 1.6mm thick. Internal spring allows for continuous drilling without clogging.
- Suitable for cutting Stainless Steel, Steel and Aluminium.



DIA mm	DIA in	CODE
14	5/8	DPM014
16	5/8	DPM016
18	11/16	DPM018
20	25/32	DPM020
22	7/8	DPM022

DIA mm	DIA in	CODE
25	1	DPM025
30	1 3/16	DPM030
32	11/16	DPM032
35	25/32	DPM035
38	7/8	DPM038

Alpha THIN SHEET HOLE CUTTER SET

No. of Pieces	TYPE	CONTENTS	CODE
9	HSS	7 x HSS Hole cutters with arbors: 16, 20, 22, 25, 32, 40, & 50mm 2 x Spare pilot drills 2 x Hex keys	HCSS16-50



Alpha TCT HOLE CUTTER SET

No. of Pieces	TYPE	CONTENTS	CODE
8	TCT	6 x TCT Hole cutters with arbors: 16, 20, 22, 25, 32, & 40mm 2 x Spare pilot drills 2 x Hex keys	HCSTCTS16-40







DRIVER BITS

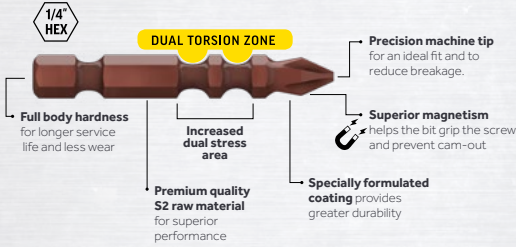
77

TORSION DRIVER BITS	80
IMPACT DRIVER BITS	81
STANDARD DRIVER BITS	83
SECURITY BIT SETS	92
IMPACT ADAPTORS	93
IMPACT SOCKETS	94

MAXDRIVE TORSION

**30%
MORE
TORQUE**
than standard bits

Suits:
High impact
loads with
extreme
twisting



Maximum impact & torque capacity

Recommended applications

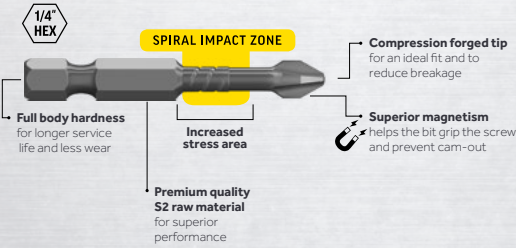
High **IMPACT** & extreme **TORQUE** loads

- Metal to metal fastening when extreme tightening down is required.
- Large long gauge screws
- Large gauge self-drilling screws into metal
- Coach screws into hard wood
- Concrete screws
- Long large fasteners
- Screwing down plywood sub-floors

THUNDER ZONE IMPACT

**10x⁺
LIFE**

Suits:
High
impact
loads



High impact & torque capacity

Recommended applications

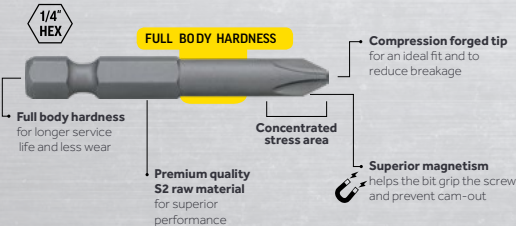
High **IMPACT** & high **TORQUE** loads

- Metal to metal fastening when tightening down is required.
- Large long gauge screws
- Large gauge self-drilling screws into metal
- Coach screws into hard wood
- Concrete screws
- Long large fasteners
- Screwing down plywood sub-floors

Alpha

HIGH PERFORMANCE

Suits:
Cordless
Drill



Regular impact & torsion capacity

Recommended applications

Regular **IMPACT** & Regular **TORQUE** loads

- Drywall
- Fragile materials: soft or thin woods (e.g. cedar), veneers, plastics and acrylics
- Delicate and precise work
- Machine screws in threaded metal
- Fragile screws (e.g. brass)

MAXDRIVE TORSION BITS

PHILLIPS



SQUARE



POZIDRIV



HEX



NUTSETTER



TORX



THUNDER ZONE IMPACT DRIVER BITS

PHILLIPS



TORX



POZIDRIV



HEX



SQUARE



PHILLIPS DOUBLE ENDED



NUTSETTER



BIT HOLDER



ALPHA DRIVER BITS RANGE

PHILLIPS



SLOTTED



TRI-WING



MAGNETIC SOCKET



DRYWALL PHILLIPS



HEX & HEX SECURITY



TORX & TORX SECURITY



BIT HOLDERS



POZIDRIV



TRI-LOBULAR



TORX & TORX SECURITY KEY



ADAPTORS



SQUARE



PIN SECURITY



NUTSETTERS



TORSION DRIVER BITS

Alpha TORSION PHILLIPS 1/4"

POINT SIZE & TYPE	OAL MM	CODE	PACK Qty
PH2 - INSERT	30	PH230ST	10
PH2 - POWER	50	PH250ST	10
PH2 DOUBLE ENDED	65	PH265DT	5
PH2 - POWER	75	PH275ST	5
PH2 - POWER	100	PH2100ST	5
PH2 - CARDED	150	CPH2150ST	1/cd



INSERT



POWER



DOUBLE ENDED



Alpha TORSION POZIDRIV 1/4"

POINT SIZE & TYPE	OAL MM	CODE	PACK Qty
PZ2 - POWER	50	PZ250STR	10



RIBBED DESIGN

Extra grip prevents cam-out

POWER



Alpha TORSION SQUARE 1/4"

POINT SIZE & TYPE	OAL MM	CODE	PACK Qty
SQ1 - POWER	50	SQ150ST	10
SQ1 - POWER	100	SQ1100ST	10
SQ2 - POWER	50	SQ250ST	10
SQ2 - POWER	100	SQ2100ST	10
SQ3 - POWER	50	SQ350ST	10



INSERT



POWER



Alpha TORSION HEX 1/4"

POINT SIZE & TYPE	OAL MM	CODE	PACK Qty
HEX4 - POWER	50	HEX450ST	10
HEX5 - INSERT	30	HEX530ST	10
HEX5 - POWER	50	HEX550ST	10
HEX6 - POWER	50	HEX650ST	10



INSERT



POWER



Alpha TORSION TORX 1/4"

POINT SIZE & TYPE	OAL MM	CODE	PACK Qty
TX20 - POWER	50	TX2050ST	10



POWER



Alpha TORSION NUTSETTERS 1/4"

POINT SIZE & TYPE	OAL MM	CODE	PACK Qty
3/8"	65	NS3865ST	2
5/16"	65	NS51665ST	2



POWER



HANDI PACKS

Attractive hangable pack suitable for bulk or retail.

Alpha IMPACT PHILLIPS 1/4"



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
PH1 - INSERT	25			CPH125SS	2
PH1 - POWER	50	PH150SS	10	CPH150SS	1
PH2 - INSERT	25	PH225SS	10	CPH225SS	2
PH2 - POWER	50	PH250SS	10	CPH250SS	1
PH2 - HANDI PACK	50	PH250SSH	10		
PH2 - POWER	75	PH275SS	10		
PH2 - HANDI PACK	75	PH275SSH	10		
PH2 - POWER	100	PH2100SS	10	CPH2100SS	1
PH2 - POWER	150	PH2150SS	10	CPH2150SS	1
PH2 DOUBLE ENDED	75	PH265DSS	10	CPH265DSS	2
PH3 - POWER	50	PH350SS	10	CPH350SS	1

INSERT



POWER



DOUBLE ENDED



HANDI PACK



CARDED
Attractive hang
sell packaging



Alpha IMPACT POZIDRIV 1/4"



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
PZ1 - POWER	125	PZ125SS	10		
PZ2 - INSERT	25	PZ225SS	10	CPZ225SS	2
PZ2 - POWER	50	PZ250SS	10	CPZ250SS	1

INSERT



POWER



BULK PACK
Perfect for
bulk storage



Alpha IMPACT SQUARE 1/4"



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
SQ1 - POWER	50	SQ150SS	10	CSQ150SS	1
SQ1 - POWER	90	SQ190SS	10		
SQ2 - INSERT	25	SQ225SS	10	CSQ225SS	1
SQ2 - POWER	50	SQ250SS	10	CSQ250SS	1
SQ2 - HANDI PACK	50	SQ250SSH	10		
SQ2 - DOUBLE ENDED	65	SQ265DSS	10	CSQ265DSS	1
SQ2 - POWER	75	SQ275SS	10	CSQ275SS	1
SQ2 - HANDI PACK	75	SQ275SSH	10		
SQ2 - POWER	90	SQ290SS	10		
SQ2 - POWER	100	SQ2100SS	10	CSQ2100SS	1
SQ2 - HANDI PACK	100	SQ2100SSH	10		
SQ2 - POWER	150	SQ2150SS	10	CSQ2150SS	1
SQ3 - POWER	50	SQ350SS	10	CSQ350SS	1

INSERT



POWER



DOUBLE ENDED



HANDI PACK



IMPACT DRIVER BITS

Alpha IMPACT HEX 1/4"



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
HEX4 - POWER	50	HEX450SS	10	CHEX450SS	1
HEX5 - POWER	50	HEX550SS	10	CHEX550SS	1
HEX6 - POWER	60	HEX660SS	10		

POWER



Alpha IMPACT TORX 1/4"



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
T15 - POWER	50	TX1550SS	10		
T20 - POWER	50	TX2050SS	10	CTX2050SS	1
T25 - INSERT	50	TX2550SS	10	CTX2550SS	1
T30 - POWER	50	TX3050SS	10	CTX3050SS	1
T40 - POWER	50			CTX4050SS	1
T40 - THUNDER MAX	50	TX4050SM	10		
T50 - THUNDER MAX	50	TX5050SM	10	CTX5050SM	1

POWER



Alpha IMPACT NUTSETTERS 1/4"



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
1/4"	65	NS1465	10	CNS1465SS	1
5/16"	42	NS51642SS	10	CNS51642SS	1
5/16"	65	NS51665SS	10	CNS51665SS	1
3/8"	42	NS3842SS	10	CNS3842SS	1
3/8"	65	NS3865SS	10	CNS3865SS	1

POWER



Alpha IMPACT BIT HOLDERS 1/4"



POINT SIZE & TYPE	OAL MM	CARD CODE	CARD Qty
1/4"	75	CMBHC75SS	1
1/4" - QUICK RELEASE	75	CMBHR75SS	1



QUICK RELEASE



Alpha IMPACT DRIVER SET 1/4"



No. of Pieces	CONTENTS	CODE
10	2 x SQ2 x 50mm 1 x PZ2 x 50mm 1 x PH2 x 50mm 1 x TX20 x 50mm 1 x TX30 x 50mm 1 x HEX4 x 50mm 1 x HEX5 x 50mm 1 x Nutsetter 5/16" x 65mm 1 x Nutsetter 3/8" x 65mm	TBS10NZ



Alpha STANDARD SQUARE 1/4"



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
SQ1 - INSERT	25	SQ125S	10	CSQ125S	2
SQ1 - POWER	50	SQ150S	10	CSQ150S	1
SQ1 - POWER	75	SQ175S	10		
SQ1 - POWER	90	SQ190S	10		
SQ1 - POWER	100	SQ1100S	10		
SQ1 - POWER	150	SQ1150S	10		
SQ2 - INSERT	25	SQ225S	10	CSQ225S	1
SQ2 - POWER	50	SQ250S	10	CSQ250S	1
SQ2 - POWER	75	SQ275S	10	CSQ275S	1
SQ2 - POWER	90	SQ290S	10		
SQ2 - POWER	100	SQ2100S	10	CSQ2100S	1
SQ2 - POWER	132	SQ2132S	10		
SQ2 - POWER	150	SQ2150S	10	CSQ2150S	1
SQ3 - INSERT	25	SQ325S	10	CSQ325S	1
SQ3 - POWER	50	SQ350S	10	CSQ350S	1
SQ3 - POWER	75	SQ375S	10		
SQ3 - POWER	100	SQ3100S	10		
SQ3 - POWER	150	SQ3150S	10		

INSERT



POWER



BULK PACK
Perfect for bulk storage

CARDED
Attractive hang sell packaging



Alpha STANDARD SQUARE / HANDI PACKS



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty
SQ1 - POWER HANDI PACK	50	SQ150SH	10
SQ2 - INSERT HANDI PACK	25	SQ225SH	10
SQ2 - POWER HANDI PACK	50	SQ250SH	10
SQ2 - INSERT HANDI PACK	75	SQ275SH	10
SQ3 - POWER HANDI PACK	50	SQ350SH	10



HANDI PACKS
Attractive hangable pack suitable for bulk or retail.

Alpha STANDARD SQUARE / DOUBLE ENDED



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty
SQ2 - DOUBLE ENDED	45	SQ245D	10



Alpha STANDARD SQUARE SECURITY



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty
SQ2 - POWER	50	SQSE250S	10



Alpha STANDARD TRI-LOBULAR



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty
TRILOB - INSERT	25	TRI-LOB	10

INSERT



STANDARD DRIVER BITS

Alpha STANDARD PHILLIPS 1/4"



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
PH0 - INSERT	25	PH025S	10		
PH0 - POWER	75	PH075S	10		
PH1 - INSERT	25	PH125S	10	CPH125S	2
PH1 - INSERT RIBBED	25	PH125SR	10		
PH1 - POWER	50	PH150S	10	CPH150S	1
PH1 - POWER	75	PH175S	10		
PH1 - POWER	92	PH192S	10		
PH1 - POWER	100	PH1100S	10		
PH1 - POWER	150	PH1150S	10		
PH2 - INSERT	25	PH225S	10	CPH225S	2
PH2 - DRYWALL	25	PH225DW	10	CPH225DW	2
PH2 - INSERT RIBBED	25	PH225SR	10	CPH225SR	2
PH2 - POWER	38	PH238S	10		
PH2 - POWER	50	PH250S	10	CPH250S	1
PH2 - POWER RIBBED	50	PH250SR	10	CPH250SR	1
PH2 - POWER	65	PH265S	10		
PH2 - POWER	75	PH275S	10	CPH275S	1
PH2 - POWER RIBBED	75	PH275SR	10	CPH275SR	1
PH2 - POWER	92	PH292S	10	CPH292S	1
PH2 - POWER	100	PH2100S	10	CPH2100S	1
PH2 - POWER RIBBED	100	PH2100SR	10	CPH2100SR	1
PH2 - POWER	150	PH2150S	10	CPH2150S	1
PH2 - POWER RIBBED	150	PH2150SR	10	CPH2150SR	1
PH2 - POWER	200	PH2200S	10		
PH2 - POWER	250	PH2250S	10		
PH3 - INSERT	25	PH325S	10	CPH325S	2
PH3 - POWER	50	PH350S	10	CPH350S	1
PH3 - POWER	75	PH375S	10		
PH3 - POWER	100	PH3100S	10		
PH3 - POWER	150	PH3150S	10		
PH4 - INSERT	25	PH425S	10		

INSERT



POWER



DRYWALL

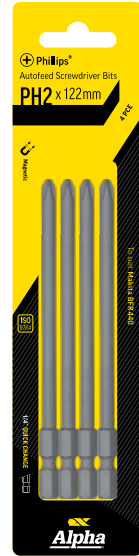


RIBBED DESIGN
Extra grip prevents
cam-out

RIBBED



CARDED
Attractive hang
sell packaging



Alpha STANDARD - COLLATED SCREW GUN BITS



POINT SIZE & TYPE	OAL MM	SUITS	CARD CODE	CARD Qty
PH2 COLLATED	116	Hilti SMD 57	CPH2116S	4
PH2 COLLATED	117	Makita 6831	CPH2117S	4
PH2 COLLATED	122	Makita 440 14.4V Li-ion	CPH2122S	4
PH2 COLLATED	132	Makita 6832, 6833, 6835	CPH2132S	4
PH2 COLLATED	146	Makita 6834	CPH2146S	4
PH2 COLLATED	152	Makita 240V, Hitachi W4YE, W4Yf	CPH2152S	4
PH2 COLLATED	157	Some Makita 14.4/18V Li-ion guns	CPH2157S	4
PH2 COLLATED	164	Makita 6842 - 450 14.4V Li-ion Makita 6843 - 550 18V Li-ion	CPH2164S	4

COLLATED

Alpha STANDARD PHILLIPS - HANDI PACKS



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty
PH2 - INSERT HANDI PACK	25	PH225SH	10
PH2 - POWER HANDI PACK	50	PH250SH	10
PH2 - POWER HANDI PACK	75	PH275SH	10

HANDI PACKS
Attractive hangable
pack suitable for bulk
or retail.



Alpha STANDARD PHILLIPS / REDUCED HEAD

POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty
PH2 - INSERT	25	PHR225S	10
PH2 - POWER	50	PHR250S	10
PH2 - POWER	89	PHR289S	10

INSERT


REDUCED HEAD
For poorly stamped
screws

POWER

**Alpha** STANDARD PHILLIPS / DOUBLE ENDED

POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
PH1 - DOUBLE ENDED	45	PH145D	10		
PH1 - DOUBLE ENDED	75	PH175D	10		
PH2 - DOUBLE ENDED	45	PH245D	10	CPH245D	1
PH2 - DOUBLE ENDED	65	PH265D	10	CPH265D	1
PH2 - D/E HANDI PACK	65	PH265DH	10		
PH2 - DOUBLE ENDED	75	PH275D	10		
PH2 - DOUBLE ENDED	100	PH2100D	10	CPH2100D	1

**Alpha** STANDARD PHILLIPS - SLOT / DOUBLE ENDED

POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
PH1 - SL4	45	PH1SL445D	10		
PH2 - SL5	45			CPH2SL545D	1
PH2 - SL6	45	PH2SL645D	10		
PH2 - SL8	60	PH2SL860D	10		

**Alpha** STANDARD PHILLIPS - SQUARE / DOUBLE ENDED

POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty
PH2 - SQ2	50	PH2SQ250D	10
PH2 - SQ2	89	PH2SQ289D	10

**Alpha** STANDARD TRI-WING

POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty
1 - INSERT	25	TRI125S	10
3 - INSERT	25	TRI325S	10
4 - INSERT	25	TRI425S	10
5 - INSERT	25	TRI525S	10



STANDARD DRIVER BITS

Alpha STANDARD POZIDRIV 1/4"



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
PZ1 - INSERT	25	PZ125S	10	CPZ125S	2
PZ1 - POWER	50	PZ150S	10	CPZ150S	1
PZ1 - POWER	75	PZ175S	10		
PZ2 - INSERT	25	PZ225S	10	CPZ225S	2
PZ2 - INSERT RIBBED	25	PZ225SR	10		
PZ2 - POWER	50	PZ250S	10	CPZ250S	1
PZ2 - POWER RIBBED	50	PZ250SR	10		
PZ2 - POWER	75	PZ275S	10		
PZ2 - POWER	89	PZ289S	10		
PZ2 - POWER	120	PZ2120S	10		
PZ2 - POWER	150	PZ2150S	10	CPZ2150S	1
PZ3 - INSERT	25	PZ325S	10	CPZ325S	
PZ3 - POWER	50	PZ350S	10	CPZ350S	1
PZ3 - POWER	75	PZ375S	10		
PZ3 - POWER	89	PZ389S	10		
PZ4 - INSERT	32	PZ432S	10		

INSERT



POWER



RIBBED



RIBBED DESIGN
Extra grip prevents
cam-out

CARDED

Attractive hang
sell packaging



BULK PACK
Perfect for
bulk storage



Alpha STANDARD POZIDRIV / HANDI PACKS



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty
PZ2 - INSERT HANDI PACK	25	PZ225SH	10
PZ2 - POWER HANDI PACK	50	PZ250SH	10

Alpha STANDARD POZIDRIV / REDUCED HEAD



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty
PZ1 - INSERT	25	PZR125S	10
PZ1 - INSERT	25	PZR225S	10
PZ2 - POWER	75	PZR275S	10

INSERT



POWER



Alpha STANDARD POZIDRIV / DOUBLE ENDED



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
PZ1 - DOUBLE ENDED	65	PZ165D	10		
PZ2 - DOUBLE ENDED	45	PZ245D	10	CPZ245D	1
PZ2 - DOUBLE ENDED	65	PZ265D	10		
PZ2 - DOUBLE ENDED	75	PZ275D	10		



Alpha STANDARD POZIDRIV - SQUARE / DOUBLE ENDED



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty
PZ2 - SQ2	50	PZ2SQ250D	10



Alpha STANDARD HEX 1/4"



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
HEX2.5 - INSERT	25	HEX2525S	10		
HEX2.5 - POWER	50	HEX2550S	10		
HEX3 - INSERT	30	HEX330S	10		
HEX3 - POWER	50	HEX350S	10		
HEX4 - INSERT	30	HEX430S	10		
HEX4 - POWER	50	HEX450S	10		
HEX5 - INSERT	25			CHEX525S	2
HEX5 - INSERT	30	HEX530S	10		
HEX5 - INSERT	50	HEX550S	10	CHEX550S	1
HEX5 - INSERT	75	HEX575S	10		
HEX5 - INSERT	100	HEX5100S	10		
HEX5 - INSERT	150	HEX5150S	10		
HEX6 - INSERT	32	HEX632S	10		
HEX8 - INSERT	32	HEX832S	10		
HEX10 - INSERT	32	HEX1032S	10		
HEX1/8" - INSERT	25	HEX1825S	10		

INSERT



POWER



CARDED
Attractive hang
sell packaging



Alpha STANDARD HEX SECURITY 1/4"



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty
2.5 - INSERT	25	HEXSE2525	10
3.0 - INSERT	25	HEXSE325	10
4.0 - INSERT	25	HEXSE425	10
5.0 - INSERT	25	HEXSE525	10
6.0 - INSERT	25	HEXSE625	10
3/32" - INSERT IMPERIAL	25	HEXSE332	10
3/16" - INSERT IMPERIAL	25	HEXSE316	10
1/8" - INSERT IMPERIAL	32	HEXSE18	10
5/32" - INSERT IMPERIAL	32	HEXSE532	10
7/32" - INSERT IMPERIAL	32	HEXSE732	10

BULK PACK
Perfect for
bulk storage



Alpha STANDARD SLOTTED 1/4"



POINT SIZE & TYPE	OAL MM	SCREW SIZE MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
SL3 - POWER	50	1 - 2	SL350S	10	CSL350S	1
SL4 - INSERT	25	3 - 4	SL425S	10	CSL425S	2
SL4 - POWER	50	3 - 4	SL450S	10	CSL450S	1
SL5 - INSERT	25	5 - 6	SL525S	10	CSL525S	2
SL5 - POWER	50	5 - 6	SL550S	10	CSL550S	1
SL6 - INSERT	25	6 - 10	SL625S	10	CSL625S	2
SL6 - POWER	50	6 - 10	SL650S	10	CSL650S	1
SL8 - POWER	50	12 - 14	SL850S	10		
SL10 - INSERT	25	14 - 16	SL1025S	10		

INSERT



POWER

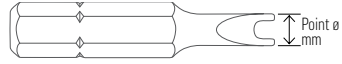


STANDARD DRIVER BITS

Alpha STANDARD PIN SECURITY 1/4"



POINT SIZE & TYPE	OAL MM	POINT Ø MM	BULK CODE	PACK Qty
PIN4 - INSERT	32	3.6	PIN432S	10
PIN6 - INSERT	32	4.0	PIN632S	10
PIN8 - INSERT	32	5.3	PIN832S	10
PIN10 - INSERT	25	6.1	PIN1025S	10
PIN12 - INSERT	25	7.2	PIN1225S	10
PIN14 - INSERT	32	8	PIN1432S	10



Alpha STANDARD TORX 1/4"



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty
T8 - INSERT	25	TX825S	10
T10 - INSERT	25	TX1025S	10
T10 - POWER	75	TX1075S	10
T15 - INSERT	25	TX1525S	10
T15 - POWER	50	TX1550S	10
T20 - INSERT	25	TX2025S	10
T20 - POWER	50	TX2050S	10
T20 - POWER	75	TX2075S	10
T25 - INSERT	25	TX2525S	10
T25 - POWER	50	TX2550S	10
T27 - INSERT	25	TX2725S	10
T30 - INSERT	25	TX3025S	10
T30 - POWER	50	TX3050S	10
T30 - POWER	75	TX3075S	10
T30 - POWER	100	TX30100S	10
T40 - INSERT	25	TX4025S	10
T40 - POWER	50	TX4050S	10

INSERT



POWER



BULK PACK
Perfect for
bulk storage



Alpha STANDARD TORX KEY



POINT SIZE & TYPE	OAL MM	BULK CODE	PACK Qty
T8 - TORX KEY	51	ALKTX8	10
T10 - TORX KEY	51	ALKTX10	10
T15 - TORX KEY	58	ALKTX15	10
T20 - TORX KEY	74	ALKTX20	10
T25 - TORX KEY	74	ALKTX25	10
T40 - TORX KEY	86	ALKTX40	10
T45 - TORX KEY	86	ALKTX45	10
T50 - TORX KEY	105	ALKTX50	10
T55 - TORX KEY	115	ALKTX55	10



Alpha STANDARD TORX SECURITY 1/4"


POINT SIZE & TYPE	OAL MM	POINT Ø MM	BULK CODE	PACK Qty
T8 - INSERT	25	2.2	TXSE825	10
T10 - INSERT	25	2.2	TXSE1025	10
T15 - INSERT	25	3.3	TXSE1525	10
T20 - INSERT	25	3.8	TXSE2025	10
T25 - INSERT	25	4.4	TXSE2525	10
T27 - INSERT	25	5.0	TXSE2725	10
T30 - INSERT	25	5.5	TXSE3025	10
T40 - INSERT	25	6.6	TXSE4025	10
T45 - INSERT	25	7.9	TXSE4525	10
T50 - INSERT	25	8.7	TXSE5025	10

INSERT



POWER


Alpha STANDARD TORX KEY SECURITY


POINT SIZE & TYPE	OAL MM	POINT Ø MM	BULK CODE	PACK Qty
T25 - TORX KEY	74	4.4	ALKTXSE25	10
T27 - TORX KEY	74	5.0	ALKTXSE27	10
T30 - TORX KEY	74	5.5	ALKTXSE30	10
T45 - TORX KEY	86	7.9	ALKTXSE45	10


Alpha STANDARD IMPACT DRIVER BITS

5/16"
IMPACT

POINT SIZE & TYPE	POINT SIZE	OAL mm	BULK CODE	PACK Qty
Phillips Impact	PH1 x 5/16"	32	PH132I	10
Phillips Impact	PH2 x 5/16"	32	PH232I	10
Phillips Impact	PH2 x 5/16"	76	PH276I	10
Phillips Impact	PH3 x 5/16"	32	PH332I	10
Phillips Impact	PH3 x 5/16"	76	PH376I	10
Phillips Impact	PH4 x 5/16"	32	PH432I	10
Phillips Impact	PH4 x 5/16"	76	PH476I	10
Slotted Impact	SL8 x 5/16"	32	SL832I	10
Slotted Impact	SL10 x 5/16"	36	SL1036I	10
Slotted Impact	SL12 x 5/16"	36	SL1236I	10
Pozi Impact	PZ1 x 5/16"	32	PZ132I	10
Pozi Impact	PZ2 x 5/16"	32	PZ232I	10
Pozi Impact	PZ2 x 5/16"	76	PZ276I	10
Torx Impact	TX3 x 5/16"	32	TX3032I	10

PHILLIPS



SLOTTED



POZI



STANDARD NUTSETTERS & ADAPTORS



STANDARD MAGNETIC NUTSETTER 1/4"



ISO
2936

POINT SIZE	OAL MM	MAX Ø MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
7mm	65	11.9	NS765	10		
8mm	65	12.7	NS865	10		
10mm	65	14.9	NS1065	10		
12mm	55	17.1	NS1255	10		
13mm	55	18.9	NS1355	10		
1/4"	42	11	NS1442	10	CNS1442	1
1/4"	65	11	NS1465	10	CNS1465	1
1/4"	100	11	NS14100	10		
5/16"	42	12.8	NS51642	10	CNS51642	1
5/16"	65	12.8	NS51665	10	CNS51665	1
5/16"	100	12.8	NS516100	10		
5/16"	150	12.8	NS516150	10		
5/16"	200	12.8	NS516200	10		
5/16"	300	12.8	NS516300	10		
3/8"	42	14.6	NS3842	10	CNS3842	1
3/8"	65	14.6	NS3865	10	CNS3865	1
3/8"	150	14.6	NS38150	10		
7/16"	65	15.6	NS71665	10		
9/16"	65	20.1	NS91665	10		

MAGNETIC NUTSETTER 1/4" HEX DRIVE



STANDARD ADAPTORS



SHANK SIZE & TYPE	MALE INCHES	OAL mm	BULK CODE	PACK Qty
1/4" HEX	1/4"	25	ADP14-25	10
1/4" HEX	1/4"	65	ADP14-65	10
1/4" HEX	1/4"	75	ADP14-75	10
1/4" HEX	1/4"	100	ADP14-100	10
1/4" HEX	1/4"	150	ADP14-150	10
1/4" HEX	3/8"	75	ADP38-75	10
1/4" HEX	1/2"	70	ADP12-70	10

1/4" x 25mm



1/4" x 65mm



1/2" x 70mm



STANDARD ADAPTOR SET



No. of Pieces	CONTENTS	CODE
3	1/4" Square x 1/4" Shank 1/2" Square x 1/4" Shank 3/8" Square x 1/4" Shank	42191



Alpha MAGNETIC BIT HOLDERS - 2 PIECE / C RING

SHANK SIZE & TYPE	OAL MM	BODY Ø MM	BULK CODE	PACK Qty	CARD CODE	CARD Qty
1/4" with "C" ring - 2 piece	54	11	MBHC54	10		
1/4" with "C" ring - 2 piece	75	11	MBHC75	10	CMBHC75	1
1/4" with "C" ring - 2 piece	150	11	MBHC150	10		
1/4" with "C" ring - 2 piece	300	11	MBHC300	10		



Alpha STAINLESS STEEL MAGNETIC BIT HOLDERS - 1 PIECE / C RING

SHANK SIZE & TYPE	OAL MM	BODY Ø MM	BULK CODE	PACK Qty
1/4" with "C" ring - 1 piece	54	11.2	MBHCS54	10
1/4" with "C" ring - 1 piece	75	11.2	MBHCS75	10



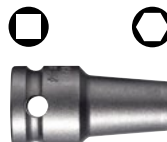
Alpha MAGNETIC BIT HOLDERS - 2 PIECE / QUICK RELEASE

SHANK SIZE & TYPE	OAL MM	BODY Ø MM	CARD CODE	CARD Qty
1/4" with spring loaded Quick Release	65	16	CMBHQR65	1
1/4" with spring loaded Quick Release	150	16	CMBHQR150	1



Alpha MAGNETIC BIT HOLDERS - SQUARE DRIVE

SHANK SIZE & TYPE	OAL MM	BODY Ø MM	BULK CODE	PACK Qty
3/8" Square drive to 1/4" bit holder with "C" ring	38	19	BH38-14	10
1/2" Square drive to 1/4" bit holder with "C" ring	45	25	BH12-14	10



Alpha SECURITY BIT SET - 33 PIECE

- 1/4" Hex Drive Assorted Security Bits
- Includes 1/4" Magnetic Bit Holder
- Carded with bit case

No. of Pieces	CODE	PACK Qty			
33	42133	1			
TORO SECURITY	PHILLIPS SECURITY	PIN DRIVE	TORX SECURITY	HEX SECURITY	
TORQ625S	PH025S	PIN425S	TXSE825	HEXSE564S	
TORQ825S	PH125S	PIN625S	TXSE1025	HEXSE332S	
TORQ1025S	PH225S	PIN825S	TXSE1525	HEXSE764S	
	PH325S	PIN1025S	TXSE2025	HEXSE18S	
			TXSE2525	HEXSE964S	
			TXSE2725	HEXSE532S	
			TXSE3025	HEXSE225S	
			TXSE3525	HEXSE2525S	
			TXSE4025	HEXSE325S	
				HEXSE425S	
				HEXSE525S	
				HEXSE625S	



SECURITY BIT SETS

Alpha SECURITY BIT SET - 100 PIECE

- 1/4" Hex Drive Assorted Security Bits
- Includes 1/4" Magnetic Bit Holder
- Moulded plastic box

No. of Pieces	CODE	PACK Qty
100	EW-100	1



PHILLIPS	POZI	PIN	TRI-LOBULAR	SLOTTED	SQUARE	SPLINE	CLUTCH	TORQ	TORX	TORX SECURITY	HEX	HEX SECURITY	ADAPTOR
PH025S	PZ025S	PIN425S	TRI125S	SL325S	SQ025S	SPLINE5	CLUTCH1	TORO625S	TX825S	TXSE825	HEX1525S	HEXSE225	ADP14-25
PH125S	PZ125S	PIN625S	TRI225S	SL425S	SQ125S	SPLINE6	CLUTCH2	TORO825S	TX1025S	TXSE1025	HEX225S	HEXSE2525	ADP14-50
PH225S X 5	PZ225S X 5	PIN825S	TRI325S	SL4525S	SQ225S	SPLINE8	CLUTCH3	TPRO1025S	TX1525S	TXSE1525	HEX2525S	HEXSE325	
PH325S	PZ325S	PIN1025S	TRI425S	SL525S	SQ325S				TX2025S	TXSE2025	HEX325S	HEXSE425	
				SL5525S					TX2525S	TXSE2525	HEX425S	HEXSE525	
				SL625S					TX2725S	TXSE2725	HEX525S	HEXSE625	
				SL6525S					TX3025S	TXSE3025	HEX5525S	HEXSE564	
				SL725S					TX4025S	TXSE3525	HEX625S	HEXSE332	
				SL825S					TX4525S	TXSE4025	HEX825S	HEXSE764	
											HEX11625S	HEXSE18	
											HEX56425S	HEXSE964	
											HEX33225S	HEXSE532	
											HEX76425S		
											HEX1825S		
											HEX96425S		
											HEX53225S		
											HEX31625S		
											HEX73225S		
											HEX1425S		
											Plus Magnetic bit Holder		
											Socket Bit Holder		
											Wing Nut Driver		

TUFF HEX TO SQUARE IMPACT ADAPTORS / CARDED

The TUFF Impact Adaptor Bits are designed for use in impact drivers.

- Forged from chrome molybdenum steel hardened and chemically blacked for corrosion protection.

POINT SIZE & TYPE	OAL MM	SHANK	CARD CODE	CARD Qty
1/4" - SQUARE	50	1/4" HEX	TIA14-50	1
3/8" - SQUARE	50	1/4" HEX	TIA38-50	1
1/2" - SQUARE	50	1/4" HEX	TIA12-50	1



Square Drive Head



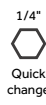
Fully magnetized



Suits: High impact loads
IMPACT DRIVER

Premium S2 raw material

Full body hardness for longer life



Quick change

CARDED
Attractive hang sell packaging



TUFF HEX TO SQUARE IMPACT ADAPTOR SET

The TUFF Impact Adaptor Bits are designed for use in impact drivers.

- Forged from chrome molybdenum steel hardened and chemically blacked for corrosion protection.

No. of Pieces	CONTENTS	CODE
3	1/4" Square x 1/4" Shank x 50mm 3/8" Square x 1/4" Shank x 50mm 1/2" Square x 1/4" Shank x 50mm	TIASET3-50



IMPACT SOCKETS

TUFF IMPACT SOCKETS 1/2" - 6 POINTS

TUFF IMPACT SOCKETS are the perfect match for air electric or manual impact wrenches.

- Forged from chrome molybdenum steel hardened and chemically blacked for corrosion protection.

SHORT SOCKETS

SIZE MM	SHANK	CODE
12	1/2"	TISS12
13	1/2"	TISS13
14	1/2"	TISS14
15	1/2"	TISS15
16	1/2"	TISS16
17	1/2"	TISS17
18	1/2"	TISS18
19	1/2"	TISS19
20	1/2"	TISS20
22	1/2"	TISS22
24	1/2"	TISS24
30	1/2"	TISS30
32	1/2"	TISS32

DEEP SOCKETS

SIZE MM	SHANK	CODE
10	1/2"	TISD10
12	1/2"	TISD12
13	1/2"	TISD13
14	1/2"	TISD14
15	1/2"	TISD15
16	1/2"	TISD16
17	1/2"	TISD17
18	1/2"	TISD18
19	1/2"	TISD19
20	1/2"	TISD20
21	1/2"	TISD21
22	1/2"	TISD22
24	1/2"	TISD24
27	1/2"	TISD27
30	1/2"	TISD30
32	1/2"	TISD32



TUFF IMPACT SOCKET SET DEEP X 1/2" - 6 POINTS

TUFF IMPACT SOCKETS are the perfect match for air electric or manual impact wrenches.

- Forged from chrome molybdenum steel hardened and chemically blacked for corrosion protection.
- Sturdy plastic case

No. of Pieces	CONTENTS	CODE
9	10, 13, 14, 15, 16, 17, 18, 19, 24mm x 1/2" Shank - Deep	TISDSET9



TUFF HEX IMPACT SOCKETS 1/2"

The TUFF Impact Sockets are designed for use in impact drivers.

- Forged from chrome molybdenum steel hardened and chemically blacked for corrosion protection.

POINT SIZE & TYPE	OAL MM	SHANK	CODE	Qty
HEX - 4	50	1/2"	TISHX04	1
HEX - 5	50	1/2"	TISHX05	1
HEX - 6	50	1/2"	TISHX06	1
HEX - 7	50	1/2"	TISHX07	1
HEX - 8	50	1/2"	TISHX08	1
HEX - 10	50	1/2"	TISHX10	1
HEX - 12	50	1/2"	TISHX12	1
HEX - 14	50	1/2"	TISHX14	1
HEX - 17	50	1/2"	TISHX17	1



TUFF HEX IMPACT SOCKET SET 1/2"

The TUFF Impact Sockets are designed for use in impact drivers.

- Forged from chrome molybdenum steel hardened and chemically blacked for corrosion protection.

No. of Pieces	CONTENTS	CODE
8	HEX 4, 5, 6, 8, 10, 12, 14, 17 x 1/2" Shank x 50mm	TISHXSET8



TUFF TORX IMPACT SOCKETS 1/2"

The TUFF Impact Sockets are designed for use in impact drivers.

- Forged from chrome molybdenum steel hardened and chemically blacked for corrosion protection.

POINT SIZE & TYPE	OAL MM	SHANK	CODE	Qty
TX - 10	50	1/2"	TISTX10	1
TX - 15	50	1/2"	TISTX15	1
TX - 20	50	1/2"	TISTX20	1
TX - 25	50	1/2"	TISTX25	1
TX - 27	50	1/2"	TISTX27	1
TX - 30	50	1/2"	TISTX30	1
TX - 40	50	1/2"	TISTX40	1
TX - 50	50	1/2"	TISTX50	1



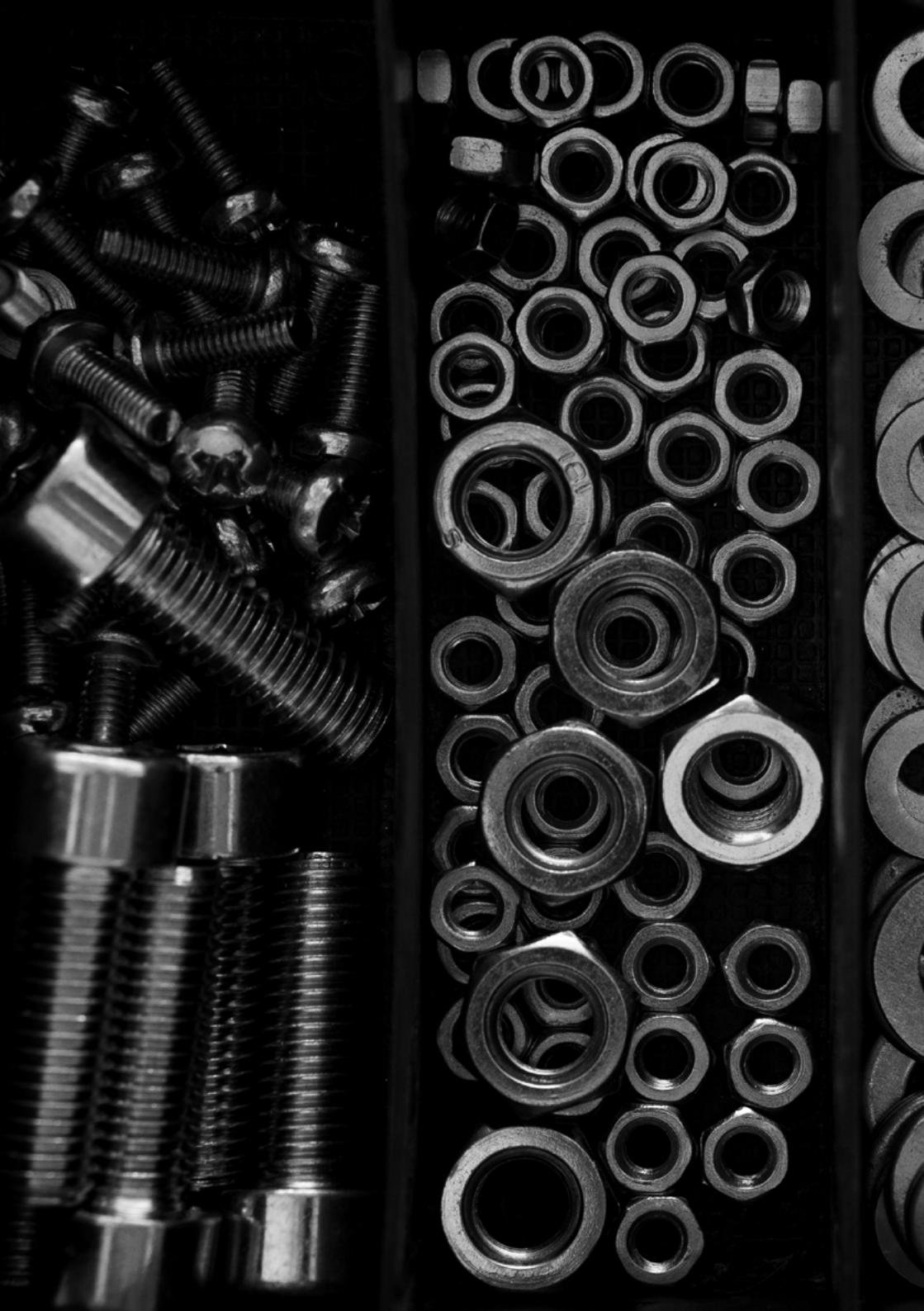
TUFF TORX IMPACT SOCKET SET 1/2"

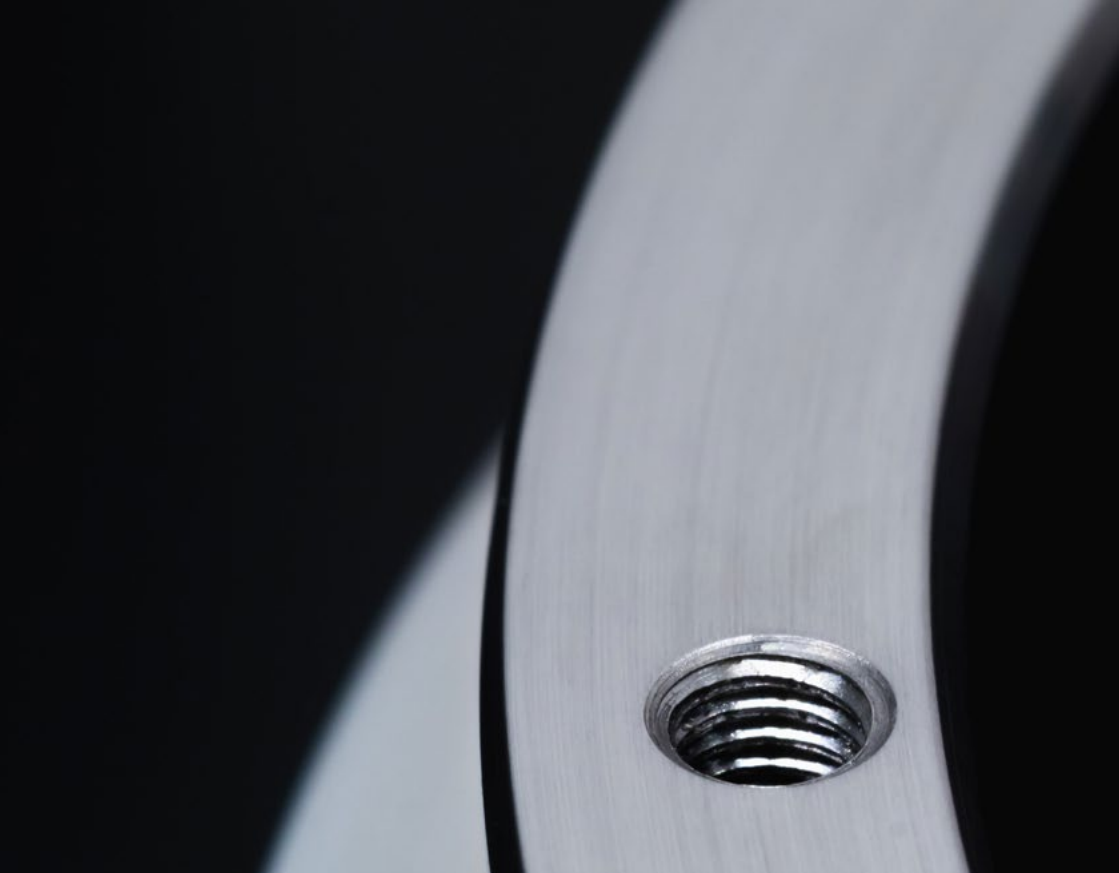
The TUFF Impact Sockets are designed for use in impact drivers.

- Forged from chrome molybdenum steel hardened and chemically blacked for corrosion protection.

No. of Pieces	CONTENTS	CODE
9	TORX 20, 25, 27, 30, 40, 45, 50, 55, 60 x 1/2" Shank x 50mm	TISTXSET9







TAPS & DIES

97

HAND TAPS	100
DRILL & TAP BITS	104
DRILL & TAP SETS	105
MACHINE TAPS	106
BUTTON DIES & DIE NUTS	108
TAP & DIE WRENCHES	111
TAP & DIE SETS	112
TAP & DIE ACCESSORIES	113
CUTTING FLUID	113



TAPER TAPS

have a lead of eight threads and are used as a starting tap in difficult or high precision holes.

Alpha Taper taps can be identified by the single ring on the shaft near the driving square.



INTERMEDIATE TAPS

have a lead of four threads and are used in most general purpose applications.

Alpha Intermediate taps can be identified by the two rings on the shaft near the driving square.



BOTTOMING TAPS

have a lead of two threads and are used when tapping blind holes. Usually preceded by a taper or intermediate tap.

Alpha bottoming taps can be identified by their plain shaft, they have no rings on the shaft near the driving square.



ISO 228 ANSI B120.1
ISO 529 ANSI B94-9

CARBON TAPS

- Cut and renew internal threads to exacting standards
- 2 grades up on standard carbon (MCC carbon)
- Best value in the market
- Suitable for fastening/construction use

Carbon Hand Taps are general purpose taps suitable for hand and machine operation, and are suitable for production use.

2N Tolerance for optimum thread fit that balances fastener performance, manufacturing, economy and convenience.

Alpha Carbon Hand Taps are precision manufactured in Europe.

Suitable for use in Steel, Aluminium, Copper, Brass etc.

Always use lubricant.



ISO 529 ANSI B94-9

HSS TAPS

- High quality M2 steel
- Suitable for repetitive use in machining/manufacturing applications
- Used for industrial applications, fabrication, engineers

HSS Hand Taps are general purpose taps suitable for hand and machine operation, and are suitable for production use.

2N Tolerance for optimum thread fit that balances fastener performance, manufacturing, economy and convenience.

Alpha HSS Hand Taps are precision manufactured in Europe.

Suitable for use in Steel, Aluminium, Copper, Brass etc.

Always use lubricant.



DIN 371

HSSE MACHINE TAPS

- Precision manufactured to DIN standards
- Available in Spiral Point (Gun) & Spiral Flute styles
- Premium HSS Cobalt
- Used in machines

HSS Machine Taps are Premium grade HSSE raw material, general purpose taps suitable for machine operation.

Much faster operation because its geometry improves tap efficiency.

Alpha HSS Machine Taps are precision manufactured in Europe.

Suitable for use in Steel, Aluminium, Copper, Brass etc.

Always use lubricant.

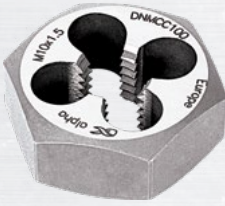


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|---------|--------------|
| ISO 228 | ANSI B1.20.1 |
| ISO 529 | ANSI B94-9 |

CARBON BUTTON DIE

Button Dies are used for cutting new threads

- Cut and renew external threads to exacting standards
- Premium grade Carbon Steel
- Precision manufactured to ISO and ANSI standards
- Used with button die wrenches
- Made in Europe.

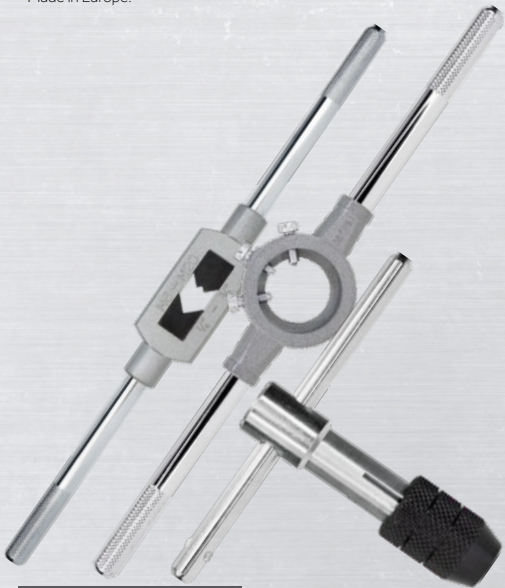


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|---------|--------------|
| ISO 228 | ANSI B1.20.1 |
| ISO 529 | ANSI B94-9 |

CARBON DIE NUT

Die Nuts are mostly used for cleaning existing threads

- Cut and renew external threads to exacting standards
- Premium grade Carbon Steel
- Precision manufactured to ISO and ANSI standards
- Made in Europe.



TAP & DIE WRENCHES

Button Dies are used for cutting new threads

- Quality Alpha Zinc Alloy wrenches
- Full range of tap handle and die wrenches available



CUTTING LUBRICANT

Formulated for extreme cutting performance when tapping, drilling or reaming into all metals including hardened steel and titanium.

- Special additives reduce friction
- Extend tool life
- Improves overall tool performance
- Water soluble, safe and easy to use.

TAPS

Alpha METRIC COARSE HAND TAPS - HSS / BULK

- 2Nm tolerance for optimum thread fit
- Premium grade HSS raw material
- Precision manufactured in Europe to ISO529 Standards

ISO 529

THREAD Ø mm	PITCH mm	OAL mm	DRILL SIZE mm	HSS TAPER CODE	HSS INTER CODE	HSS BOTT CODE	HSS SET CODE
2	0.4	41	1.6	MCHT020	MCHI020	MCHB020	MCHS020
2.5	0.45	45	2.05	MCHT025	MCHI025	MCHB025	MCHS025
3	0.5	48	2.5	MCHT030	MCHI030	MCHB030	MCHS030
3.5	0.6	50	2	MCHT035	MCHI035	MCHB035	MCHS035
4	0.7	53	3.3	MCHT040	MCHI040	MCHB040	MCHS040
4.5	0.75	53	3.7	MCHT045	MCHI045	MCHB045	MCHS045
5	0.8	58	4.2	MCHT050	MCHI050	MCHB050	MCHS050
6	1	66	5	MCHT060	MCHI060	MCHB060	MCHS060
7	1	66	6	MCHT070	MCHI070	MCHB070	MCHS070
8	1.25	72	6.8	MCHT080	MCHI080	MCHB080	MCHS080
9	1.25	72	7.8	MCHT090	MCHI090	MCHB090	MCHS090
10	1.5	80	8.5	MCHT100	MCHI100	MCHB100	MCHS100
12	1.75	89	10.2	MCHT120	MCHI120	MCHB120	MCHS120
14	2	95	12	MCHT140	MCHI140	MCHB140	MCHS140
16	2	102	14	MCHT160	MCHI160	MCHB160	MCHS160
18	2.5	112	15.5	MCHT180	MCHI180	MCHB180	MCHS180
20	2.5	112	17	MCHT200	MCHI200	MCHB200	MCHS200
22	2.5	118	19.5	MCHT220	MCHI220	MCHB220	MCHS220
24	3	130	21	MCHT240	MCHI240	MCHB240	MCHS240
30	3.5	138	26.5	MCHT300	MCHI300	MCHB300	MCHS300
33	3.5	151	29.5	MCHT330	MCHI330	MCHB330	MCHS330
36	4	162	32	MCHT360	MCHI360	MCHB360	MCHS360



BULK - 1 PCE
Supplied in plastic pack



Alpha METRIC FINE HAND TAPS - HSS / BULK

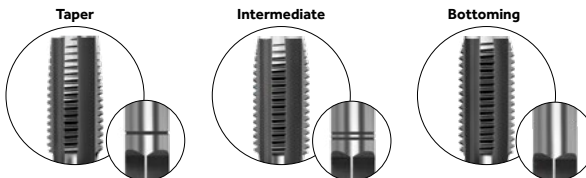
- 2Nm tolerance for optimum thread fit
- Premium grade HSS raw material
- Precision manufactured in Europe to ISO529 Standards

ISO 529

THREAD Ø mm	PITCH mm	OAL mm	DRILL SIZE mm	HSS TAPER CODE	HSS INTER CODE	HSS BOTT CODE	HSS SET CODE
8	1	72	7	MFHT080100	MFHI080100	MFHB080100	MFHS080100
10	1	80	9	MFHT100100	MFHI100100	MFHB100100	MFHS100100
10	1.25	80	8.8	MFHT100125	MFHI100125	MFHB100125	MFHS100125
12	1.25	89	10.8	MFHT120125	MFHI120125	MFHB120125	MFHS120125
12	1.5	89	10.5	MFHT120150	MFHI120150	MFHB120150	MFHS120150
14	1.25	95	12.8	MFHT140125	MFHI140125	MFHB140125	MFHS140125
14	1.5	95	12.5	MFHT140150	MFHI140150	MFHB140150	MFHS140150
16	1.5	102	14.5	MFHT160150	MFHI160150	MFHB160150	MFHS160150
18	1.5	112	16.5	MFHT180150	MFHI180150	MFHB180150	MFHS180150
20	1.5	112	18.5	MFHT200150	MFHI200150	MFHB200150	MFHS200150
22	1.5	118	20.5	MFHT220150	MFHI220150	MFHB220150	MFHS220150
24	2	130	22	MFHT240200	MFHI240200	MFHB240200	MFHS240200
25	1.5	130	23.5	MFHT250150	MFHI250150	MFHB250150	MFHS250150
32	1.5	151	30	MFHT320150	MFHI320150	MFHB320150	MFHS320150



BULK - TAP SET
Supplied 3 tap types per pack



Alpha BSW HAND TAPS - HSS / BULK

- 2Nm tolerance for optimum thread fit
- Premium grade HSS raw material
- Precision manufactured in Europe to ISO529 Standards

British Standard
Whitworth (BSW)

ISO
529

THREAD Ø in	TPI	OAL mm	DRILL SIZE mm	HSS TAPER CODE	HSS INTER CODE	HSS BOTT CODE	HSS SET CODE
1/8"	40	48	2.5	BSWHT18	BSWHI18	BSWHB18	BSWHS18
5/32"	32	53	3.2	BSWHT532	BSWHI532	BSWHB532	BSWHS532
3/16"	24	58	3.7	BSWHT316	BSWHI316	BSWHB316	BSWHS316
1/4"	20	66	5.1	BSWHT14	BSWHI14	BSWHB14	BSWHS14
5/16"	18	72	6.5	BSWHT516	BSWHI516	BSWHB516	BSWHS516
3/8"	16	80	7.9	BSWHT38	BSWHI38	BSWHB38	BSWHS38
7/16"	14	85	9.3	BSWHT716	BSWHI716	BSWHB716	BSWHS716
1/2"	12	89	10.5	BSWHT12	BSWHI12	BSWHB12	BSWHS12
9/16"	12	95	12.1	BSWHT916	BSWHI916	BSWHB916	BSWHS916
5/8"	11	102	13.5	BSWHT58	BSWHI58	BSWHB58	BSWHS58
3/4"	10	112	16	BSWHT34	BSWHI34	BSWHB34	BSWHS34
7/8"	9	118	19	BSWHT78	BSWHI78	BSWHB78	BSWHS78
1"	8	130	22	BSWHT1	BSWHI1	BSWHB1	BSWHS1

BULK - 1 PCE
Supplied in
plastic pack



Alpha BSF HAND TAPS - HSS / BULK

- 2Nm tolerance for optimum thread fit
- Premium grade HSS raw material
- Precision manufactured in Europe to ISO529 Standards

British Standard
Fine (BSF)

ISO
529

THREAD Ø in	TPI	OAL mm	DRILL SIZE mm	HSS TAPER CODE	HSS INTER CODE	HSS BOTT CODE	HSS SET CODE
3/16"	32	58	4	BSFHT316	BSFHI316	BSFHB316	BSFHS316
1/4"	26	66	5.3	BSFHT14	BSFHI14	BSFHB14	BSFHS14
5/16"	22	72	6.8	BSFHT516	BSFHI516	BSFHB516	BSFHS516
3/8"	20	80	8.3	BSFHT38	BSFHI38	BSFHB38	BSFHS38
7/16"	18	85	9.7	BSFHT716	BSFHI716	BSFHB716	BSFHS716
1/2"	16	89	11.1	BSFHT12	BSFHI12	BSFHB12	BSFHS12
9/16"	16	95	12.7	BSFHT916	BSFHI916	BSFHB916	BSFHS916
5/8"	14	102	14	BSFHT58	BSFHI58	BSFHB58	BSFHS58
3/4"	12	112	16.5	BSFHT34	BSFHI34	BSFHB34	BSFHS34
7/8"	11	118	19.5	BSFHT78	BSFHI78	BSFHB78	BSFHS78
1"	10	130	22.5	BSFHT1	BSFHI1	BSFHB1	BSFHS1

BULK - TAP SET
Supplied 3 tap
types per pack



TAPS

Alpha UNC HAND TAPS - HSS / BULK

Unified National
Coarse (UNC)

- 2Nm tolerance for optimum thread fit
- Premium grade HSS raw material
- Precision manufactured in Europe to ISO529 Standards

ISO
529

THREAD Ø in	TPI	OAL mm	DRILL SIZE mm	HSS TAPER CODE	HSS INTER CODE	HSS BOTT CODE	HSS SET CODE
5G	40	48	2.6	UNCHT5G	UNCHI5G	UNCHB5G	UNCHS5G
6G	32	50	2.8	UNCHT6G	UNCHI6G	UNCHB6G	UNCHS6G
8G	32	53	3.5	UNCHT8G	UNCHI8G	UNCHB8G	UNCHS8G
10G	24	58	3.9	UNCHT10G	UNCHI10G	UNCHB10G	UNCHS10G
12G	24	62	4.5	UNCHT12G	UNCHI12G	UNCHB12G	UNCHS12G
3/16"	24(UNS)	58	3.7	UNCHT316	UNCHI316	UNCHB316	UNCHS316
1/4"	20	66	5.1	UNCHT14	UNCHI14	UNCHB14	UNCHS14
5/16"	18	72	6.6	UNCHT516	UNCHI516	UNCHB516	UNCHS516
3/8"	16	80	8	UNCHT38	UNCHI38	UNCHB38	UNCHS38
7/16"	14	85	9.4	UNCHT716	UNCHI716	UNCHB716	UNCHS716
1/2"	13	89	10.8	UNCHT12	UNCHI12G	UNCHB12G	UNCHS12
9/16"	12	95	12.2	UNCHT916	UNCHI916	UNCHB916	UNCHS916
5/8"	11	102	13.5	UNCHT58	UNCHI58	UNCHB58	UNCHS58
3/4"	10	112	16.5	UNCHT34	UNCHI34	UNCHB34	UNCHS34
7/8"	9	118	19.5	UNCHT78	UNCHI78	UNCHB78	UNCHS78
1"	8	130	22	UNCHT1	UNCHI1	UNCHB1	UNCHS1

BULK - 1 PCE
Supplied in
plastic pack



Alpha UNF HAND TAPS - HSS / BULK

Unified National
Fine (UNF)

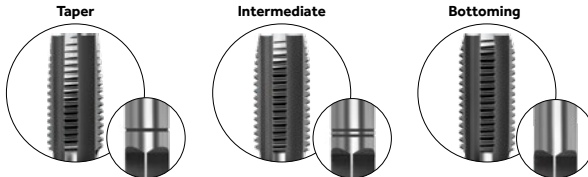
- 2Nm tolerance for optimum thread fit
- Premium grade HSS raw material
- Precision manufactured in Europe to ISO529 Standards

ISO
529

ANSI
B94-9

THREAD Ø in	TPI	OAL mm	DRILL SIZE mm	HSS TAPER CODE	HSS INTER CODE	HSS BOTT CODE	HSS SET CODE
5G	44	48	2.7	UNFHT5G	UNFHI5G	UNFHB5G	UNFHS5G
6G	40	50	2.9	UNFHT6G	UNFHI6G	UNFHB6G	UNFHS6G
8G	36	53	3.5	UNFHT8G	UNFHI8G	UNFHB8G	UNFHS8G
10G	32	58	4.1	UNFHT10G	UNFHI10G	UNFHB10G	UNFHS10G
12G	28	62	4.7	UNFHT12G	UNFHI12G	UNFHB12G	UNFHS12G
3/16"	32(UNS)	58	4.1	UNFHT316	UNFHI316	UNFHB316	UNFHS316
1/4"	28	66	5.5	UNFHT14	UNFHI14	UNFHB14	UNFHS14
5/16"	24	72	6.9	UNFHT516	UNFHI516	UNFHB516	UNFHS516
3/8"	24	80	8.5	UNFHT38	UNFHI38	UNFHB38	UNFHS38
7/16"	20	85	9.9	UNFHT716	UNFHI716	UNFHB716	UNFHS716
1/2"	20	89	11.5	UNFHT12	UNFHI12	UNFHB12	UNFHS12
9/16"	18	95	12.9	UNFHT916	UNFHI916	UNFHB916	UNFHS916
5/8"	18	102	14.5	UNFHT58	UNFHI58	UNFHB58	UNFHS58
3/4"	16	112	17.5	UNFHT34	UNFHI34	UNFHB34	UNFHS34
7/8"	14	118	20.5	UNFHT78	UNFHI78	UNFHB78	UNFHS78
1"	12	130	23	UNFHT1	UNFHI1	UNFHB1	UNFHS1

BULK - TAP SET
Supplied 3 tap
types per pack



Alpha BSPF HAND TAPS - HSS / BULK

- Precision manufactured in Europe to ISO529 Standards
- 2Nm tolerance for optimum thread fit
- Premium grade HSS raw material

British Standard
Pipe Fitting (BSPF)

ISO 529 ANSI B94-9

THREAD Ø in	TPI	OAL mm	DRILL SIZE mm	HSS TAPER CODE	HSS INTER CODE	HSS BOTT CODE	HSS SET CODE
1/8"	28	59	8.8	BSPFHT18	BSPFHI18	BSPFHB18	BSPFHS18
1/4"	19	67	11.8	BSPFHT14	BSPFHI14	BSPFHB14	BSPFHS14
3/8"	19	75	15	BSPFHT38	BSPFHI38	BSPFHB38	BSPFHS38
1/2"	14	87	19	BSPFHT12	BSPFHI12	BSPFHB12	BSPFHS12
5/8"	14	91	21	BSPFHT58	BSPFHI58	BSPFHB58	BSPFHS58
3/4"	14	96	24.5	BSPFHT34	BSPFHI34	BSPFHB34	BSPFHS34
7/8"	14	102	20.5	BSPFHT78	BSPFHI78	BSPFHB78	BSPFHS78
1"	11	109	30.5	BSPFHT1	BSPFHI1	BSPFHB1	BSPFHS1

BULK - 1 PCE
Supplied in
plastic pack



Alpha NPSF HAND TAPS - HSS / BULK

- Precision manufactured in Europe to ISO529 Standards
- 2Nm tolerance for optimum thread fit
- Premium grade HSS raw material

National Pipe
Straight Fuel (NPSF)

ISO 529 ANSI B94-9

THREAD Ø in	TPI	OAL mm	DRILL SIZE mm	HSS BOTT CODE
1/8"	27	80	8.7	NPSFHB18
1/4"	18	95	11.2	NPSFHB14
3/8"	18	112	15	NPSFHB38
1/2"	14	118	18.5	NPSFHB12



BULK - 1 PCE
Supplied in
plastic pack

Alpha BSPT HAND TAPS - HSS & CARBON / BULK

- Precision manufactured in Europe to ISO529 Standards
- Premium grade HSS raw material
- 2Nm tolerance for optimum thread fit

British Standard
Pipe Taper (BSPT)

ISO 529 ANSI B94-9 ISO 228

THREAD Ø in	TPI	OAL mm	DRILL SIZE mm	HSS BOTT CODE	CARBON BOTT CODE
1/8"	28	59	8.4	BSPTHB18	BSPTCB18
1/4"	19	67	11.2	BSPTHB14	BSPTCB14
3/8"	19	75	14.5	BSPTHB38	BSPTCB38
1/2"	14	87	18	BSPTHB12	BSPTCB12
3/4"	14	96	23.5	BSPTHB34	BSPTCB34
1"	11	109	30	BSPTHB1	BSPTCB1
1-1/4"	11	119	38.5	BSPTHB1-14	BSPTCB1-14
1-1/2"	11	125	44.5	BSPTHB1-12	BSPTCB1-12
2"	11	140	56	BSPTHB2	BSPTCB2



BULK - 1 PCE
Supplied in
plastic pack

Alpha NPT HAND TAPS - HSS & CARBON / BULK

- Precision manufactured in Europe to ISO529 Standards
- Premium grade HSS raw material
- 2Nm tolerance for optimum thread fit

National Pipe
Tapered (NPT)

ISO 529 ANSI B94-9 ANSI B1.201

THREAD Ø in	TPI	OAL mm	DRILL SIZE mm	HSS BOTT CODE	CARBON BOTT CODE
1/8"	27	54	8.7	NPTHB18	NPTCB18
1/4"	18	62	11.1	NPTHB14	NPTCB14
3/8"	18	65	14.5	NPTHB38	NPTCB38
1/2"	14	79	18	NPTHB12	NPTCB12
3/4"	14	82	23	NPTHB34	NPTCB34
1"	11.5	95	29	NPTHB1	NPTCB1
1-1/4"	11.5	102	38	NPTHB1-14	NPTCB1-14



BSPT HAND TAPS - HSS & CARBON / BULK

British Standard
Pipe Taper (BSPT)

TUFF HSS Hand Taps are general purpose taps suitable for hand operation.

- Ideal for use in Steel, Aluminium, Copper, Brass etc.
- Manufactured to ISO Standards
- Premium grade HSS raw material
- Always use lubricant.

ISO
529

THREAD Ø in	TPI	OAL mm	DRILL SIZE mm	HSS BOTT CODE
1/8"	28	59	8.4	TBSPTHB18
1/4"	19	67	11.2	TBSPTHB14
3/8"	19	75	14.5	TBSPTHB38
1/2"	14	87	18	TBSPTHB12
3/4"	14	96	23.5	TBSPTHB34



BULK - 1 PCE
Supplied in
plastic pack



NPT HAND TAPS - HSS & CARBON / BULK

National Pipe
Tapered (NPT)

TUFF HSS Hand Taps are general purpose taps suitable for hand operation.

- Ideal for use in Steel, Aluminium, Copper, Brass etc.
- Manufactured to ISO Standards
- Premium grade HSS raw material
- Always use lubricant.

ISO
529

THREAD Ø in	TPI	OAL mm	DRILL SIZE mm	HSS BOTT CODE
1/8"	27	54	8.7	TNPTHB18
1/4"	18	62	11.1	TNPTHB14
3/8"	18	65	14.5	TNPTHB38
1/2"	14	79	18	TNPTHB12
3/4"	14	82	23	TNPTHB34



QUICK RELEASE HSS DRILL & TAP METRIC COARSE / CARDED

Drill, Tap & Deburr ferrous & non-ferrous metals & plastics in one operation up to 8.0mm thick. Quickly & easily produce clean, accurate threaded holes.

- Fully ground M2 HSS raw material for extended life
- 118° split point cuts faster and reduces wandering
- Working thickness: 8.0mm
- Shank: 1/4" quick change
- Suits: Cordless drills & impact drivers
- Recommended RPM: 500 - 600

SIZE & PITCH	CODE
MC 3.0mm x 0.5	TDT030
MC 4.0mm x 0.7	TDT040
MC 5.0mm x 0.8	TDT050
MC 6.0mm x 1.0	TDT060
MC 8.0mm x 1.25	TDT080
MC 10.0mm x 1.5	TDT100

Instructions:

- Drill hole using medium pressure.
- Slow drill speed for tapping.
- Continue drilling after tapping to deburr the hole.
- Reverse tap slowly out of hole to avoid cross threading.
- Cutting fluid recommended when tapping metals.

118° split point
cuts faster and
reduces
wandering

Drill, Tap & Deburrs
in one operation up
to 8.0mm thick

Fully ground M2 HSS
raw material for
extended life

Small Countersink
for burr free hole





QUICK RELEASE HSS DRILL & TAP METRIC COARSE SET

- Drill, tap & deburr ferrous & nonferrous metals & plastics in one operation up to 8.0mm thick. Quickly & easily produce clean, accurate threaded holes.
- Fullyground M2 HSS raw material for extended life
 - 118 degree split point cuts faster end reduces wandering
 - Working thickness: 1.0 - 8.0mm
 - Shank: 1/4" quick change
 - Suits: Cordless drills & impact drivers
 - Recommended RPM: 500 - 600

No. of Pieces	CONTENTS	CODE
6	MC 3.0mm x 0.5 MC 4.0mm x 0.7 MC 5.0mm x 0.8 MC 6.0mm x 1.0 MC 8.0mm x 1.25 MC 10.0mm x 1.5	TDTSET6

Instructions:

- Drill hole using medium pressure.
- Slow drill speed for tapping.
- Continue drilling after tapping to deburr the hole.
- Reverse tap slowly out of hole to avoid cross threading.
- Cutting fluid recommended when tapping metals.



EUROBOOR DRILL & TAP SET - 14 PIECE

- HSS - Cobalt (M35 quality) Drills and Taps
- Through holes: right - handed thread, straight flute
- White ring: Black oxide finish for improved durability
- For use in materials such as cast iron and stainless steel



No. of Pieces	DESCRIPTION	SIZE RANGE	CODE
14	Twist drill & tap set	Drills: 2.5, 3.3, 4.2, 5.0, 6.8, 8.5, & 10.2mm Taps: M3, M4, M5, M6, M8, M10, M12	DTS.312



Alpha METRIC COARSE MACHINE TAPS - HSSE / BULK

• Premium grade HSS raw material

DIN 371

THREAD Ø in	PITCH mm	OAL mm	DRILL SIZE mm	SPIRAL POINT CODE	SPIRAL FLUTE CODE
3	0.5	56	2.5	MCESP030	MCESF030
3.5	0.6	56	2.9	MCESP035	
4	0.7	63	3.3	MCESP040	MCESF040
5	0.8	70	4.2	MCESP050	MCESF050
6	1	80	5	MCESP060	MCESF060
7	1	80	6	MCESP070	MCESF070
8	1.25	90	6.8	MCESP080	MCESF080
9	1.25	95	7.8	MCESP090	MCESF090
10	1.5	100	8.5	MCESP100	MCESF100
11	1.5	105	9.5	MCESP110	
12	1.75	110	10.2	MCESP120	MCESF120
14	2	110	12	MCESP140	MCESF140
16	2	110	14	MCESP160	MCESF160
18	2.5	125	15.5	MCESP180	MCESF180
20	2.5	140	17	MCESP200	MCESF200
22	2.5	140	19.5	MCESP220	MCESF220
24	3	160	21	MCESP240	MCESF240
27	3	160	24	MCESP270	
30	3.5	180	26.5	MCESP300	
33	3.5	180	29.5	MCESP330	
36	4	200	32	MCESP360	

BULK - 1 PCE
Supplied in
plastic pack



SPIRAL
POINT

SPIRAL
FLUTE

Alpha METRIC FINE MACHINE TAPS - HSSE / BULK

• Premium grade HSS raw material

DIN 371

THREAD Ø in	PITCH mm	OAL mm	DRILL SIZE mm	SPIRAL POINT CODE	SPIRAL FLUTE CODE
8	1	90	7	MFESP080	MFESF080
10	1	90	9		MFESF100100
10	1.25	100	8.8	MFESP100125	MFESF100125
12	1.25	100	10.8	MFESP120125	MFESF120125
12	1.5	100	10.5	MFESP120150	MFESF120150

BULK - 1 PCE
Supplied in
plastic pack



SPIRAL
POINT

SPIRAL
FLUTE

Alpha UNC MACHINE TAPS - HSSE / BULK

• Premium grade HSS raw material

DIN 371

Unified National Coarse (UNC)

THREAD Ø in	TPI	OAL mm	DRILL SIZE mm	SPIRAL POINT CODE	SPIRAL FLUTE CODE
6G	32	50	2.8	UNCESP6G	UNCESF6G
8G	32	53	3.5	UNCESP8G	UNCESF8G
10G	24	58	3.9	UNCESP10G	UNCESF10G
12G	24	62	4.5	UNCESP12G	UNCESF12G
1/4"	20	66	5.1	UNCESP14	UNCESF14
5/16"	18	72	6.6	UNCESP16	UNCESF16
3/8"	16	80	8	UNCESP38	UNCESF38
7/16"	14	85	9.4	UNCESP716	UNCESF716
1/2"	13	89	10.8	UNCESP12	UNCESF12
9/16"	12	95	12.2	UNCESP916	UNCESF916
5/8"	11	102	13.5	UNCESP58	UNCESF58
3/4"	10	112	16.5	UNCESP34	UNCESF34
7/8"	9	118	19.5	UNCESP78	UNCESF78
1"	8	130	22	UNCESP1	UNCESF1



BULK - 1 PCE
Supplied in plastic pack

SPIRAL POINT

SPIRAL FLUTE

Alpha UNF MACHINE TAPS - HSSE / BULK

• Premium grade HSS raw material

DIN 371

Unified National Fine (UNF)

THREAD Ø in	TPI	OAL mm	DRILL SIZE mm	SPIRAL POINT CODE	SPIRAL FLUTE CODE
5G	44	48	2.7	UNFESP5G	UNFESF5G
6G	40	50	2.9	UNFESP6G	UNFESF6G
8G	36	53	3.5	UNFESP8G	UNFESF8G
10G	32	58	4.1	UNFESP10G	UNFESF10G
12G	28	62	4.7	UNFESP12G	UNFESF12G
1/4"	28	66	5.5	UNFESP14	UNFESF14
5/16"	24	72	6.9	UNFESP516	UNFESF516
3/8"	24	80	8.5	UNFESP38	UNFESF38
7/16"	20	85	9.9	UNFESP716	UNFESF716
1/2"	20	89	11.5	UNFESP12	UNFESF12
9/16"	18	95	12.9	UNFESP916	UNFESF916
5/8"	18	102	14.5	UNFESP58	UNFESF58
3/4"	16	112	17.5	UNFESP34	UNFESF34
7/8"	14	115	20.5	UNFESP78	UNFESF78
1"	12	130	23	UNFESP1	UNFESF1



BULK - 1 PCE
Supplied in plastic pack

SPIRAL POINT

SPIRAL FLUTE

BUTTON DIES & DIE NUTS

Alpha METRIC COARSE BUTTON DIES & DIE NUTS - CARBON / BULK

• Premium grade carbon steel

ISO
529

THREAD Ø in	PITCH mm	BUTTON DIE 1" OD CODE	BUTTON DIE 1-1/2" OD CODE	BUTTON DIE 2" OD CODE	DIE NUT CODE
2	0.4	BDMCC020-1			
3	0.5	BDMCC030-1			
4	0.7	BDMCC040-1	BDMCC040-1.5		
5	0.8	BDMCC050-1	BDMCC050-1.5		DNMCC050
6	1	BDMCC060-1	BDMCC060-1.5		DNMCC060
7	1	BDMCC070-1	BDMCC070-1.5		DNMCC070
8	1.25	BDMCC080-1	BDMCC080-1.5		DNMCC080
9	1.25	BDMCC090-1	BDMCC090-1.5		DNMCC090
10	1.5	BDMCC100-1	BDMCC100-1.5	BDMCC100-2	DNMCC100
11	1.5	BDMCC110-1	BDMCC110-1.5		
12	1.75	BDMCC120-1		BDMCC120-2	DNMCC120
14	2		BDMCC140-1.5	BDMCC140-2	DNMCC140
16	2		BDMCC160-1.5	BDMCC160-2	DNMCC160
18	2.5			BDMCC180-2	DNMCC180
20	2.5			BDMCC200-2	DNMCC200
22	2.5			BDMCC220-2	DNMCC220
24	3			BDMCC240-2	DNMCC240
27	3				DNMCC270
30	3.5				DNMCC300
33	3.5				DNMCC330
36	4				DNMCC360



Button die

- Cut and renew external threads to exacting standards

Alpha METRIC FINE BUTTON DIES & DIE NUTS - CARBON / BULK

• Premium grade carbon steel

ISO
529

THREAD Ø in	PITCH mm	BUTTON DIE 1" OD CODE	BUTTON DIE 1-1/2" OD CODE	BUTTON DIE 2" OD CODE	DIE NUT CODE
8	1	BDMFC080-1	BDMFC080-1.5		DNMFC080
10	1	BDMFC100100-1	BDMFC100100-1.5		DNMFC100100
10	1.25	BDMFC100125-1	BDMFC100125-1.5		DNMFC100125
12	1.25	BDMFC120125-1	BDMFC120125-1.5	BDMFC120125-2	DNMFC120125
12	1.5	BDMFC120150-1	BDMFC120150-1.5	BDMFC120150-2	DNMFC120150
14	1.25		BDMFC140125-1.5	BDMFC140125-2	
14	1.5		BDMFC140150-1.5	BDMFC140150-2	DNMFC140150
16	1.5			BDMFC160-2	DNMFC160
18	1.5			BDMFC180-2	DNMFC180
20	2.5			BDMFC200-2	DNMFC200
22	2.5			BDMFC220-2	DNMFC220
24	2			BDMFC240-2	DNMFC240
25	1.5			BDMFC250-2	DNMFC250



Die nut

- Used for cleaning threads

Alpha BSF BUTTON DIES & DIE NUTS - CARBON / BULK

• Premium grade carbon steel

ISO
529

THREAD Ø in	PITCH mm	BUTTON DIE 1" OD CODE	BUTTON DIE 1-1/2" OD CODE	BUTTON DIE 2" OD CODE	DIE NUT CODE
3/16"	32	BDBSFC316-1			DNBSFC316
1/4"	26	BDBSFC14-1	BDBSFC14-1.5		DNBSFC14
5/16"	22	BDBSFC516-1	BDBSFC516-1.5		DNBSFC516
3/8"	20	BDBSFC38-1	BDBSFC38-1.5		DNBSFC38
7/16"	18	BDBSFC716-1	BDBSFC716-1.5		DNBSFC716
1/2"	16		BDBSFC12-1.5	BDBSFC12-2	DNBSFC12
9/16"	16			BDBSFC916-2	DNBSFC916
5/8"	14			BDBSFC58-2	DNBSFC58
3/4"	12			BDBSFC34-2	DNBSFC34
7/8"	11			BDBSFC78-2	DNBSFC78
1"	10			BDBSFC1-2	DNBSFC1

British Standard
Fine (BSF)



Alpha **BSW BUTTON DIES & DIE NUTS - CARBON / BULK**

• Premium grade carbon steel

ISO 529

British Standard
Whitworth (BSW)

THREAD Ø in	PITCH mm	BUTTON DIE 1" OD CODE	BUTTON DIE 1-1/2" OD CODE	BUTTON DIE 2" OD CODE	DIE NUT CODE
1/8"	40	BDBSWC18-1			DNBSWC18
5/32"	32	BDBSWC532-1			DNBSWC532
3/16"	24				DNBSWC316
1/4"	20	BDBSWC14-1	BDBSWC14-1.5		DNBSWC14
5/16"	18	BDBSWC516-1	BDBSW516.1.5		DNBSWC516
3/8"	16	BDBSWC38-1	BDBSWC38-1.5		DNBSWC38
7/16"	14	BDBSWC716-1	BDBSWC716-1.5		DNBSWC716
1/2"	12	BDBSWC12-1	BDBSWC12-1.5	BDBSWC12-2	DNBSWC12
9/16"	12		BDBSWC916-1.5	BDBSWC916-2	DNBSWC916
5/16"	11		BDBSWC58-1.5	BDBSWC58-2	DNBSWC58
3/4"	10			BDBSWC34-2	DNBSWC34
7/8"	9			BDBSWC78-2	DNBSWC78
1"	8			BDBSWC1-2	DNBSWC1

BULK - 1 PCE
Supplied in
plastic pack



Alpha **UNC BUTTON DIES & DIE NUTS - CARBON / BULK**

• Premium grade carbon steel

ISO 529

Unified National
Coarse (UNC)

THREAD Ø in	PITCH mm	BUTTON DIE 1" OD CODE	BUTTON DIE 1-1/2" OD CODE	BUTTON DIE 2" OD CODE	DIE NUT CODE
5G	40	BDUNCC5G-1			
6G	32	BDUNCC6G-1			
8G	32	BDUNCC8G-1			
10G	24	BDUNCC10G-1			
12G	24	BDUNCC12G-1			
1/4"	20	BDUNCC14-1	BDUNCC14-1.5		DNUNCC14
5/16"	18	BDUNCC516-1	BDUNCC516-1.5		DNUNCC516
3/8"	16	BDUNCC38-1	BDUNCC38-1.5		DNUNCC38
7/16"	14	BDUNCC716-1	BDUNCC716-1.5		DNUNCC716
1/2"	13	BDUNCC12-1	BDUNCC12-1.5	BDUNCC12-2	DNUNCC12
9/16"	12		BDUNCC916-1.5	BDUNCC916-2	DNUNCC916
5/8"	11		BDUNCC58-1.5	BDUNCC58-2	DNUNCC58
3/4"	10			BDUNCC34-2	DNUNCC34
7/8"	9			BDUNCC78-2	DNUNCC78
1"	8			BDUNCC1-2	DNUNCC1

BULK - 1 PCE
Supplied in
plastic pack



BUTTON DIES & DIE NUTS

Alpha UNF BUTTON DIES & DIE NUTS - CARBON / BULK

• Premium grade carbon steel

ISO
529

THREAD Ø in	PITCH mm	BUTTON DIE 1" OD CODE	DIE NUT CODE
5G	44	BDUNFC5G-1	
6G	40	BDUNFC6G-1	
8G	36	BDUNFC8G-1	
10G	32	BDUNFC10G-1	
12G	28	BDUNFC12G-1	
1/4"	28	BDUNFC14-1	DNUNFC14
5/16"	24	BDUNFC516-1	DNUNFC516
3/8"	24	BDUNFC38-1	DNUNFC38
7/16"	20	BDUNFC716-1	DNUNFC716
1/2"	20	BDUNFC12-1	DNUNFC12
9/16"	18		DNUNFC916
5/8"	18		DNUNFC58
3/4"	16		DNUNFC34
7/8"	14		DNUNFC78
1"	12		DNUNFC1X12

Unified National
Fine (UNF)

BULK - 1 PCE
Supplied in
plastic pack



Alpha BSPF BUTTON DIES & DIE NUTS - CARBON / BULK

• Premium grade carbon steel

ISO
228

THREAD Ø in	PITCH mm	BUTTON DIE 2" OD CODE	DIE NUT CODE
1/8"	28	BDBSPFC18-2	DNBSPFC18
1/4"	19	BDBSPFC14-2	DNBSPFC14
3/8"	19	BDBSPFC38-2	DNBSPFC38
1/2"	14	BDBSPFC12-2	DNBSPFC12
5/8"	14	BDBSPFC58-2	DNBSPFC58
3/4"	14	BDBSPFC34-2	DNBSPFC34
7/8"	14	BDBSPFC78-2	
1"	11	BDBSPFC1-2	DNBSPFC1

British Standard
Pipe Fitting (BSPF)



Alpha BSPT BUTTON DIES & DIE NUTS - CARBON / BULK

• Premium grade carbon steel

ISO
228

THREAD Ø in	PITCH mm	BUTTON DIE 2" OD CODE	DIE NUT CODE
1/8"	28	BDBSPTC18-2	DNBSPTC18
1/4"	19	BDBSPTC14-2	DNBSPTC14
3/8"	19	BDBSPTC38-2	DNBSPTC38
1/2"	14	BDBSPTC12-2	DNBSPTC12
3/4"	14	BDBSPTC34-2	DNBSPTC34
1"	11		DNBSPTC1

British Standard
Pipe Taper (BSPT)



Alpha NPT BUTTON DIES & DIE NUTS - CARBON / BULK

• Premium grade carbon steel

ANSI
B1.201

THREAD Ø in	PITCH mm	BUTTON DIE 2" OD CODE
1/8"	27	BDNPTC18-2
1/4"	18	BDNPTC14-2
3/8"	18	BDNPTC38-2
1/2"	14	BDNPTC12-2
3/4"	14	BDNPTC34-2

National Pipe
Tapered (NPT)



Alpha TAP WRENCH

- Quality Alpha Zinc Alloy wrenches

TAP HANDLE	RANGE mm	RANGE in	CODE	PACK Qty
No. 00	M1 - M6	1/16" - 1/4"	TW-00	1*
No. 0	M3 - M12	1/8" - 1/2"	TW-0	1*
No. 6	M6 - M20	1/4" - 3/4"	TW-6	1*
No. 7	M10 - M25	3/8" - 1"	TW-7	1**
No. 8	M20 - M38	3/4" - 1 1/2"	TW-8	1**

* Supplied in hangable card.

** Supplied in plastic tube.



Alpha T - TAP WRENCH

- Quality Alpha Zinc Alloy wrenches

TAP HANDLE	RANGE mm	RANGE in	CODE	PACK Qty
1/4"	M3 - M6	1/8" - 1/4"	TW14	1*
1/2"	M6 - M12	1/4" - 1/2"	TW12	1*

* Supplied in hangable card.



Alpha T - TAP RACHET WRENCH

- Quality Alpha Zinc Alloy wrenches

TAP HANDLE	RANGE mm	RANGE in	CODE	PACK Qty
1/4"	M3 - M6	1/8" - 1/4"	TW14R	1*
1/2"	M6 - M12	1/4" - 1/2"	TW12R	1*

* Supplied in hangable card.



Alpha BUTTON DIE WRENCH

- Quality Alpha Zinc Alloy wrenches

SIZE in	SIZE mm	CODE	PACK Qty
Small (1")	1"	BDW-1	1*
Medium (1 1/2")	1 1/2"	BDW-1.12	1*
Large (2")	2"	BDW-2	1**

* Supplied in hangable card.

** Supplied in plastic tube.



TAP & DIE SETS

BRISTOL tool works TAP & DIE SET - 42 PIECE

- High Carbon Steel taps and dies
- 17 different sizes with accessories
- **Metric:** Metric Coarse & Metric Fine
- **Imperial:** UNS, UNC, UNF, NFT threads
- Precision manufactured to ISO & ANSI Standards
- Handy carry case



No. of Pieces	DESCRIPTION	CODE
42	Tap & Die Set - Metric	TSM42
42	Tap & Die Set - Imperial	TSI42

Metric

ISO 529

Intermediate Taps & Button Dies

Metric:	M3 x 0.5	M3 x 0.6	M4 x 0.7	M4 x 0.75
	M5 x 0.8	M5 x 0.9	M6 x 0.75	M6 x 1.0
	M7 x 0.75	M7 x 1.0	M8 x 1.0	M8 x 1.25
	M10 x 1.25	M10 x 1.5	M12 x 1.5	M12 x 1.75

NPT: 1/8" x 27

Accessories:	Tap wrench 1/8" - 1/2"	T-type tap wrench
	Die stock - 1"	Screwdriver
	Screw pitch gauge	Steel brush
	Centre punch	

Imperial

ISO 529

ANSI B94-9

Intermediate Taps & Button Dies

UNS:	4G x 36				
NPT:	1/8" x 27				
UNC:	6G x 32	8G x 32	10G x 24	12G x 24	1/4" x 20
	5/16" x 18	3/8" x 16	7/16" x 14	1/2" x 13	
UNF:	10G x 32	1/4" x 28	5/16" x 24	3/8" x 24	7/16" x 20
	1/2" x 20				

Accessories:	Tap wrench 1/8" - 1/2"	T-type tap wrench
	Die stock - 1"	Screwdriver
	Screw pitch gauge	Steel brush
	Centre punch	

Alpha TAP SETS - 22 PIECE

- 2Nm tolerance for optimum thread fit
- Premium grade HSS raw material
- Precision manufactured in Europe to ISO529 Standards
- Handy metal carry case

No. of Pieces	DESCRIPTION	CODE
22	Tap Set Metric Coarse HSS M6-M24	ATSMCH6-24
22	Tap Set Metric Coarse Carbon M6-M24	ATSMCC6-24



MC HSS M6-M25 contents:

ISO 529

Size	Taper	Bottoming
M6 x 1.0	MCHT060	MCHB060
M8 x 1.25	MCHT080	MCHB080
M10 x 1.5	MCHT100	MCHB100
M12 x 1.75	MCHT120	MCHB120
M14 x 2.0	MCHT140	MCHB140
M16 x 2.0	MCHT160	MCHB160
M18 x 2.5	MCHT180	MCHB180
M20 x 2.5	MCHT200	MCHB200
M22 x 2.5	MCHT220	MCHB220
M24 x 3.0	MCHT240	MCHB240
Tap Wrench T-Handle		
Tap Wrench Bar Handle		

MC CARBON M6-M25 contents:

ISO 529

Size	Taper	Bottoming
M6 x 1.0	MCCT060	MCCB060
M8 x 1.25	MCCT080	MCCB080
M10 x 1.5	MCCT100	MCCB100
M12 x 1.75	MCCT120	MCCB120
M14 x 2.0	MCCT140	MCCB140
M16 x 2.0	MCCT160	MCCB160
M18 x 2.5	MCCT180	MCCB180
M20 x 2.5	MCCT200	MCCB200
M22 x 2.5	MCCT220	MCCB220
M24 x 3.0	MCCT240	MCCB240
Tap Wrench T-Handle		
Tap Wrench Bar Handle		

Alpha CHAMFER EXTERNAL DEBURRER

- Repairs and deburrs threads 3 – 20mm
- Fast and convenient – Quickly repairs and deburrs threads
- Three cutting edges (M2 HSS) for smooth deburring and long life
- Machined aluminium alloy body for smooth, vibration free running

DESCRIPTION	CODE
For 3 - 20mm threads	EDT01



1/4"
Hex
Quick change



Alpha KEYLESS TAPPING CHUCK

- Suits hand and machine taps with a square shank
- Incorporated twist chuck removes the need for a hex key
 - Allows fast and convenient use of hand and machine taps in a corded or cordless drill
 - Square jaw chuck effectively grips square tap shanks for precise and accurate threading

DESCRIPTION	CODE
For hand and machine taps	CTC01



1/4"
Hex
Quick change

Adjustable chuck
fits square shanks:
M6 - M12 (1/4" - 1/2")



Alpha C.D.T CUT.DRILL.TAP CUTTING LUBRICANT

Alpha C.D.T is formulated for extreme cutting performance when tapping, drilling or reaming into all metals, including hardened steel and titanium. Special additives reduce friction, extend tool life and provide excellent surface finish. Alpha C.D.T is water soluble, safe and easy to use.

- 250ml squeeze bottle
- Improves overall tool performance
- Non-flammable
- Environmentally safe
- Biodegradable ingredients
- Easy to use and clean up

Size	DESCRIPTION	CODE
250ml	Cut.Drill.Tap Cutting lubricant	ATL005







CARBIDE BURRS

115

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TUNGSTEN CARBIDE BURRS



MADE IN USA

CYLINDRICAL



CYLINDRICAL END CUT



CYLINDRICAL BALL NOSE



BALL NOSE



OVAL



TREE RADIUS NOSE



TREE POINTED NOSE



FLAME



90° CONE



INCLUDED ANGLE



POINTED CONE



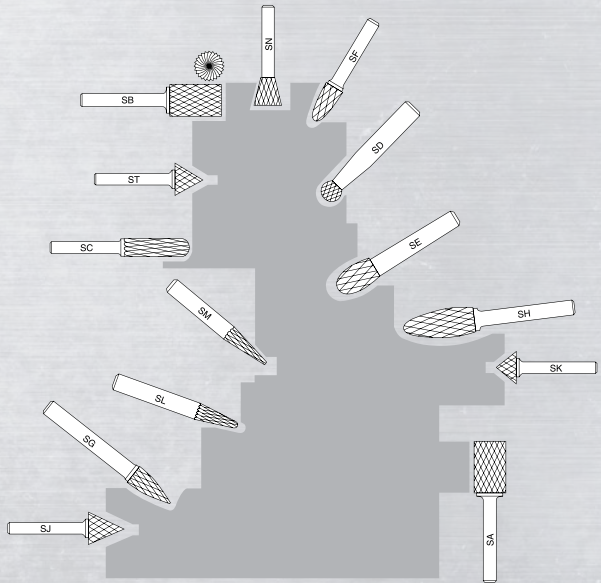
INVERTED CONE



Alpha Tungsten Carbide Burrs are offered in an array of shapes, fluting patterns and lengths suitable for all types of deburring applications.

Precision flute grinding assures chatterless operation and long tool life.

Every burr is individually tested for its brazing strength, for safety and longevity.





Alpha

**DOUBLE
CUT**



Hard Steel Cast Iron Stainless Steel

DOUBLE CUT TUNGSTEN CARBIDE BURRS

for shaping or forming metal

Ideal for: Hardened and unhardened steel, stainless steel, titanium, brass, copper, cast iron and bronze

- Cross-cut gearing for rapid stock removal in hard materials, providing better control
- Made from solid carbide

Suits: Air and electric die grinders.

6" Long Series available in a range of styles

**TUNGSTEN
Carbide**



Alpha

**ALUMINIUM
CUT**



Aluminium

ALUMINIUM CUT TUNGSTEN CARBIDE BURRS

for shaping or forming aluminium

Ideal for: Aluminium and other soft materials such as brass, copper and plastics

- Chisel tooth pattern minimises tool chatter, and reduces the chip to a granular shape, in most materials
- Rapid removal of soft materials, that would normally load other cuts
- Made from solid carbide

Suits: Air and electric die grinders

**TUNGSTEN
Carbide**

TUNGSTEN CARBIDE BURRS



SA SERIES / CYLINDRICAL BURR - SMOOTH END

SHANK Ø	HEAD Ø	OAL	FL	METRIC CODE	IMPERIAL CODE	LONG SERIES CODE
3mm	1.5mm	38mm	6mm	SA-41MDC		
3mm	3.0mm	38mm	14mm	SA-43MDC		
3mm	6.3mm	50mm	12.7mm	SA-51MDC		
6mm	6.0mm	50mm	16mm	SA-1MDC		
6mm	8.0mm	63mm	19mm	SA-2MDC		
6mm	9.5mm	63mm	19mm	SA-3MDC		
6mm	12.7mm	68mm	25mm	SA-5MDC		
6mm	16.0mm	68mm	25mm	SA-6MDC		
6mm	25.4mm	68mm	25mm	SA-9MDC		
1/8"	1/16"	1 1/2"	1/4"		SA-41DC	
1/8"	3/32"	1 1/2"	7/16"		SA-42DC	
1/8"	1/8"	1 1/2"	9/16"		SA-43DC	
1/8"	5/32"	1 1/2"	1/2"		SA-52DC	
1/8"	3/16"	1 1/2"	1/2"		SA-53DC	
1/8"	1/4"	2"	1/2"		SA-51DC	
1/4"	1/8"	2"	1/2"		SA-11DC	
1/4"	1/4"	2"	5/8"		SA-1DC	
1/4"	1/4"	6 1/2"	5/8"			SA-1L6
1/4"	5/16"	2 3/4"	3/4"		SA-2DC	
1/4"	3/8"	2 3/4"	3/4"		SA-3DC	
1/4"	3/8"	6 3/4"	3/4"			SA-3L6
1/4"	7/16"	3"	1"		SA-4DC	
1/4"	1/2"	3"	1"		SA-5DC	
1/4"	1/2"	7"	1"			SA-5L6
1/4"	5/8"	3"	1"		SA-6DC	
1/4"	3/4"	3"	1"		SA-7DC	
1/4"	1"	3"	1"		SA-9DC	

DOUBLE CUT



Smooth End

TUNGSTEN Carbide



SA SERIES / CYLINDRICAL BURR - SMOOTH END

SHANK Ø	HEAD Ø	OAL	FL	METRIC CODE	IMPERIAL CODE
6mm	6.0mm	50mm	19mm	SA-1MAL	
6mm	9.5mm	63mm	19mm	SA-3MAL	
6mm	12.7mm	68mm	25mm	SA-5MAL	
1/4"	1/4"	2"	1/4"		SA-1AL
1/4"	3/8"	2 3/4"	3/4"		SA-3AL
1/4"	1/2"	3"	1"		SA-5AL
1/4"	5/8"	3"	1"		SA-6AL
1/4"	3/4"	3"	1"		SA-7AL

ALUMINIUM CUT



Smooth End

TUNGSTEN Carbide



Alpha SB SERIES / CYLINDRICAL BURR - END CUT

SHANK Ø	HEAD Ø	OAL	FL	METRIC CODE	IMPERIAL CODE
6mm	4.7mm	50mm	16mm	SB-14MDC	
6mm	6.0mm	50mm	16mm	SB-1MDC	
6mm	8.0mm	63mm	20mm	SB-2MDC	
6mm	9.5mm	63mm	19mm	SB-3MDC	
6mm	11.0mm	68mm	25mm	SB-4MDC	
6mm	12.7mm	68mm	25mm	SB-5MDC	
6mm	16.0mm	68mm	25mm	SB-6MDC	
6mm	19.0mm	68mm	25mm	SB-7MDC	
1/8"	1/4"	2"	1/2"		SB-51DC
1/4"	1/8"	2"	1/2"		SB-11DC
1/4"	3/16"	2"	5/8"		SB-14DC
1/4"	1/4"	2"	5/8"		SB-1DC
1/4"	5/16"	2 3/4"	3/4"		SB-2DC
1/4"	3/8"	2 3/4"	3/4"		SB-3DC
1/4"	7/16"	3"	1"		SB-4DC
1/4"	1/2"	3"	1"		SB-5DC
1/4"	5/8"	3"	1"		SB-6DC
1/4"	3/4"	3"	1"		SB-7DC

DOUBLE CUT



End Cut

TUNGSTEN Carbide



Alpha SB SERIES / CYLINDRICAL BURR - END CUT

SHANK Ø	HEAD Ø	OAL	FL	IMPERIAL CODE
1/4"	3/8"	2"	3/4"	SB-3AL
1/4"	5/8"	3"	1"	SB-5AL

ALUMINIUM CUT



End Cut

TUNGSTEN Carbide





SC SERIES / CYLINDRICAL BURR - BALL NOSE

SHANK Ø	HEAD Ø	OAL	FL	METRIC CODE	IMPERIAL CODE	LONG SERIES CODE
3mm	2.5mm	38mm	11mm	SC-41MDC		
3mm	3.0mm	38mm	14mm	SC-42MDC		
6mm	6.0mm	50mm	16mm	SC-1MDC		
6mm	8.0mm	63mm	20mm	SC-2MDC		
6mm	9.5mm	63mm	19mm	SC-3MDC		
6mm	11.0mm	68mm	25mm	SC-4MDC		
6mm	12.7mm	68mm	25mm	SC-5MDC		
6mm	16.0mm	68mm	25mm	SC-6MDC		
6mm	19.0mm	68mm	25mm	SC-7MDC		
1/8"	3/32"	1 1/2"	7/16"		SC-41DC	
1/8"	1/8"	1 1/2"	9/16"		SC-42DC	
1/8"	5/32"	1 1/2"	1/2"		SC-52DC	
1/8"	3/16"	1 1/2"	1/2"		SC-53DC	
1/8"	1/4"	2"	3/16"		SC-51DC	
1/4"	1/8"	2"	1/2"		SC-11DC	
1/4"	3/16"	2"	5/8"		SC-14DC	
1/4"	1/4"	2"	3/4"		SC-1DC	
1/4"	1/4"	6 1/2"	1/2"			SC-1L6
1/4"	5/16"	2 3/4"	3/4"		SC-2DC	
1/4"	3/8"	2 3/4"	3/4"		SC-3DC	
1/4"	3/8"	6 3/4"	3/4"			SC-3L6
1/4"	7/16"	3"	1"		SC-4DC	
1/4"	1/2"	3"	1"		SC-5DC	
1/4"	1/2"	7"	1"			SC-5L6
1/4"	5/8"	3"	1"		SC-6DC	
1/4"	3/4"	3"	1"		SC-7DC	

DOUBLE CUT



TUNGSTEN Carbide



SC SERIES / CYLINDRICAL BURR - BALL NOSE

SHANK Ø	HEAD Ø	OAL	FL	METRIC CODE	IMPERIAL CODE
6mm	6mm	50mm	19mm	SC-1MAL	
6mm	9.5mm	63mm	19mm	SC-3MAL	
6mm	12.7mm	68mm	25mm	SC-5MAL	
1/4"	1/4"	2"	3/4"		SC-1AL
1/4"	3/8"	2 3/4"	3/4"		SC-3AL
1/4"	1/2"	3"	1"		SC-5AL
1/4"	5/8"	3"	1"		SC-6AL
1/4"	3/4"	3"	1"		SC-7AL

ALUMINIUM CUT



TUNGSTEN Carbide



Burr sets on pages 45, 46

Alpha SD SERIES / BALL

SHANK Ø	HEAD Ø	OAL	FL	METRIC CODE	IMPERIAL CODE	LONG SERIES CODE
3mm	3mm	38mm	2mm	SD-42MDC		
6mm	3mm	50mm	2mm	SD-11MDC		
6mm	6mm	50mm	5mm	SD-1MDC		
6mm	8mm	50mm	7mm	SD-2MDC		
6mm	9.5mm	52mm	8mm	SD-3MDC		
6mm	9.5mm	161mm	8mm			SD-3ML6
6mm	12.7mm	54mm	11mm	SD-5MDC		
6mm	12.7mm	164mm	11mm			
6mm	16mm	58mm	14mm	SD-6MDC		
1/8"	3/32"	1 1/2"	1/16"		SD-41DC	
1/8"	1/8"	1 1/2"	3/32"		SD-42DC	
1/8"	3/16"	1 1/2"	1/8"		SD-53DC	
1/8"	1/4"	1 11/64"	7/32"		SD-51DC	
1/4"	1/8"	2"	3/32"		SD-11DC	
1/4"	3/16"	2"	5/32"		SD-14DC	
1/4"	1/4"	2"	7/32"		SD-1DC	
1/4"	1/4"	6 1/8"	7/32"			SD-1L6
1/4"	5/16"	2 1/4"	1/4"		SD-2DC	
1/4"	3/8"	2 5/16"	5/16"		SD-3DC	
1/4"	3/8"	6 1/4"	5/16"			SD-3L6
1/4"	7/16"	2 3/8"	3/8"		SD-4DC	
1/4"	1/2"	2 7/16"	7/16"		SD-5DC	
1/4"	1/2"	6 3/8"	7/16"			SD-5L6
1/4"	5/8"	2 9/16"	9/16"		SD-6DC	
1/4"	3/4"	2 11/16"	11/16"		SD-7DC	
1/4"	1"	2 15/16"	15/16"		SD-9DC	

DOUBLE CUT



TUNGSTEN Carbide



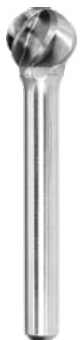
Alpha SD SERIES / BALL

SHANK Ø	HEAD Ø	OAL	FL	METRIC CODE	IMPERIAL CODE
6mm	9.5mm	52mm	8mm	SD-3MAL	
6mm	12.7mm	54mm	11mm	SD-5MAL	
1/4"	1/4"	2"	7/32"		SD-1AL
1/4"	3/8"	2 5/16"	5/16"		SD-3AL
1/4"	1/2"	2 7/16"	7/16"		SD-5AL
1/4"	5/8"	2 9/16"	9/16"		SD-6AL

ALUMINIUM CUT



TUNGSTEN Carbide



TUNGSTEN CARBIDE BURRS



SE SERIES / OVAL BURR

SHANK Ø	HEAD Ø	OAL	FL	METRIC CODE	IMPERIAL CODE	LONG SERIES CODE
3mm	6.3mm	47mm	9.5mm	SE-51MDC		
6mm	6.0mm	50mm	10mm	SE-1MDC		
6mm	6.3mm	111mm	10mm			
6mm	9.5mm	60mm	16mm	SE-3MDC		
6mm	12.7mm	65mm	22mm	SE-5MDC		
6mm	12.7mm	177mm	22mm			SE-5ML6
1/8"	1/8"	1 1/2"	7/32"		SE-41DC	
1/8"	3/16"	1 1/2"	9/32"		SE-53DC	
1/8"	1/4"	1 7/8"	3/8"		SE-51DC	
1/4"	1/4"	2"	3/8"		SE-1DC	
1/4"	1/4"	4 3/8"	3/8"			SE-1L4
1/4"	3/8"	2 5/8"	5/8"		SE-3DC	
1/4"	3/8"	6 5/8"	5/8"			SE-3L6
1/4"	1/2"	2 7/8"	7/8"		SE-5DC	
1/4"	1/2"	6 7/8"	7/8"			SE-5L6
1/4"	5/8"	3"	1"		SE-6DC	
1/4"	3/4"	3"	1"		SE-7DC	

DOUBLE CUT



TUNGSTEN Carbide



SE SERIES / OVAL BURR

SHANK Ø	HEAD Ø	OAL	FL	METRIC CODE	IMPERIAL CODE
6mm	9.5mm	60mm	16mm	SE-3MAL	
6mm	12.7mm	66mm	22mm	SE-5MAL	
1/4"	3/8"	2 5/8"	5/8"		SE-3AL
1/4"	1/2"	2 7/8"	7/8"		SE-5AL
1/4"	5/8"	3"	1"		SE-6AL

ALUMINIUM CUT



TUNGSTEN Carbide



Alpha SF SERIES / TREE RADIUS NOSE BURR

SHANK Ø	HEAD Ø	OAL	FL	METRIC CODE	IMPERIAL CODE	LONG SERIES CODE
6mm	6mm	50mm	19mm	SF-1MDC		
6mm	6mm	163mm	13mm			SF-1ML6
6mm	9.5mm	63mm	19mm	SF-3MDC		
6mm	9.5mm	171mm	19mm			SF-3ML6
6mm	12.7mm	68mm	25mm	SF-5MDC		
6mm	12.7mm	177mm	25mm			SF-5ML6
6mm	16mm	68mm	25mm	SF-6MDC		
6mm	19mm	68mm	25mm	SF-7MDC		
1/8"	1/8"	1 1/2"	1/4"		SF-41DC	
1/8"	1/8"	1 1/2"	1/2"		SF-42DC	
1/8"	3/16"	1 1/2"	1/2"		SF-53DC	
1/8"	1/4"	2"	1/2"		SF-51DC	
1/4"	1/4"	2"	3/4"		SF-1DC	
1/4"	1/4"	6 1/2"	1/2"			SF-1L6
1/4"	3/8"	2 3/4"	3/4"		SF-3DC	
1/4"	3/8"	6 3/4"	3/4"			SF-3L6
1/4"	7/16"	3"	1"		SF-4DC	
1/4"	1/2"	2 3/4"	3/4"		SF-13DC	
1/4"	1/2"	3"	1"		SF-5DC	
1/4"	1/2"	7"	1"			SF-5L6
1/4"	5/8"	3"	1"		SF-6DC	
1/4"	3/4"	3 1/4"	1 1/4"		SF-14DC	
1/4"	3/4"	3"	1"		SF-7DC	
1/4"	3/4"	3 1/2"	1 1/2"		SF-15DC	

DOUBLE CUT



TUNGSTEN Carbide



Alpha SF SERIES / TREE RADIUS NOSE BURR

SHANK Ø	HEAD Ø	OAL	FL	IMPERIAL CODE
6mm	6mm	50mm	19mm	SF-1MAL
6mm	9.5mm	63mm	19mm	SF-3MAL
1/4"	1/4"	2"	3/4"	SF-1AL
1/4"	3/8"	2 1/2"	3/4"	SF-3AL
1/4"	1/2"	3"	1"	SF-5AL
1/4"	5/8"	3"	1"	SF-6AL

ALUMINIUM CUT



TUNGSTEN Carbide



TUNGSTEN CARBIDE BURRS



SG SERIES / TREE POINTED NOSE BURR

SHANK Ø	HEAD Ø	OAL	FL	METRIC CODE	IMPERIAL CODE
3mm	6.3mm	50mm	13mm	SG-51MDC	
6mm	6mm	50mm	19mm	SG-1MDC	
6mm	8mm	63mm	19mm	SG-2MDC	
6mm	9.5mm	63mm	19mm	SG-3MDC	
6mm	12.7mm	68mm	25mm	SG-5MDC	
1/8"	1/8"	1 1/2"	1/4"		SG-41DC
1/8"	1/8"	1 1/2"	5/16"		SG-42DC
1/8"	1/8"	1 1/2"	3/8"		SG-43DC
1/8"	1/8"	1 1/2"	1/2"		SG-44DC
1/8"	3/16"	1 1/2"	1/2"		SG-53DC
1/8"	1/4"	2"	1/2"		SG-51DC
1/4"	1/4"	2"	3/4"		SG-1DC
1/4"	5/16"	2 3/4"	3/4"		SG-2DC
1/4"	3/8"	2 3/4"	3/4"		SG-3DC
1/4"	1/2"	2 3/4"	3/4"		SG-13DC
1/4"	1/2"	3"	1"		SG-5DC
1/4"	5/8"	3"	1"		SG-6DC
1/4"	3/4"	3"	1"		SG-7DC

DOUBLE CUT



TUNGSTEN Carbide



SH SERIES / FLAME BURR

SHANK Ø	HEAD Ø	OAL	FL	METRIC CODE	IMPERIAL CODE
6mm	8mm	63mm	19mm	SH-2MDC	
6mm	12.7mm	75mm	31mm	SH-5MDC	
6mm	16mm	79mm	36mm	SH-6MDC	
6mm	19mm	84mm	41mm	SH-7MDC	
1/8"	1/8"	1 1/2"	1/4"		SH-41DC
1/8"	3/16"	1 1/2"	3/8"		SH-53DC
1/4"	5/16"	2 3/4"	3/4"		SH-2DC
1/4"	1/2"	3 1/4"	1 1/4"		SH-5DC
1/4"	5/8"	3 7/16"	1 7/16"		SH-6DC
1/4"	3/4"	3 5/8"	1 5/8"		SH-7DC

DOUBLE CUT



TUNGSTEN Carbide



Alpha SK SERIES / 90° CONE - DOUBLE ENDED

SHANK Ø	HEAD Ø	OAL	FL	IMPERIAL CODE
1/4"	1/4"	2"	1/8"	SK-15C Double Ended
1/4"	3/8"	2 5/16"	3/16"	SK-35C Double Ended

SINGLE CUT

TUNGSTEN Carbide



Alpha SL SERIES / INCLUDED ANGLE BURR

SHANK Ø	HEAD Ø	OAL	FL	METRIC CODE	IMPERIAL CODE	LONG-SERIES CODE
6mm	6mm	50mm	16mm	SL-1MDC		
6mm	8mm	66mm	22mm	SL-2MDC		
6mm	9.5mm	71mm	27mm	SL-3MDC		
6mm	12.7mm	72mm	28mm	SL-4MDC		
1/8"	1/8"	1 1/2"	3/8"		SL-41DC	
1/8"	1/8"	1 1/2"	1/2"		SL-42DC	
1/8"	3/16"	1 1/2"	1/2"		SL-53DC	
1/4"	1/4"	2"	5/8"		SL-1DC	
1/4"	1/4"	6 5/8"	5/8"			SL-1L6
1/4"	5/16"	2 7/8"	7/8"		SL-2DC	
1/4"	3/8"	3 1/16"	1 1/16"		SL-3DC	
1/4"	3/8"	7"	1 1/16"			SL-3L6
1/4"	1/2"	3 1/8"	1 1/8"		SL-4DC	
1/4"	1/2"	7 1/8"	1 1/8"			SL-4L6
1/4"	5/8"	3 5/16"	1 5/16"		SL-6DC	
1/4"	3/4"	3 1/2"	1 1/2"		SL-7DC	

DOUBLE CUT



TUNGSTEN Carbide



Alpha SL SERIES / INCLUDED ANGLE BURR

SHANK Ø	HEAD Ø	OAL	FL	METRIC CODE	IMPERIAL CODE
6mm	12.7mm	72mm	28mm	SL-4MAL	
1/4"	3/8"	3 1/16"	1 1/16"		SL-3AL
1/4"	1/2"	3 1/8"	1 1/8"		SL-4AL
1/4"	5/8"	3 5/16"	1 5/16"		SL-6AL

ALUMINIUM CUT



TUNGSTEN Carbide



TUNGSTEN CARBIDE BURRS



SM SERIES / POINTED CONE BURR

SHANK Ø	HEAD Ø	OAL	FL	ANGLE DEGREES	METRIC CODE	IMPERIAL CODE
6mm	6mm	50mm	12.7mm	22	SM-1MDC	
6mm	6mm	50mm	18mm	14	SM-2MDC	
6mm	6mm	50mm	25mm	10	SM-3MDC	
6mm	9.5mm	60mm	16mm	28	SM-4MDC	
6mm	12.7mm	66mm	22mm	28	SM-5MDC	
6mm	16mm	68mm	25mm	31	SM-6MDC	
1/8"	1/8"	1 1/2"	3/8"	12		SM-41DC
1/8"	1/8"	1 1/2"	7/16"	14		SM-42DC
1/8"	1/8"	1 1/2"	5/18"	7		SM-43DC
1/8"	3/16"	1 1/2"	1/2"	16		SM-53DC
1/8"	1/4"	2"	1/2"	22		SM-51DC
1/4"	1/4"	2"	1/2"	22		SM-1DC
1/4"	1/4"	2"	3/4"	14		SM-2DC
1/4"	1/4"	2"	1"	10		SM-3DC
1/4"	3/8"	2 5/8"	5/8"	28		SM-4DC
1/4"	1/2"	2 7/8"	7/8"	28		SM-5DC
1/4"	5/8"	3"	1"	31		SM-6DC

DOUBLE CUT



TUNGSTEN Carbide



SN SERIES / INVERTED CONE BURR

SHANK Ø	HEAD Ø	OAL	FL	ANGLE DEGREES	METRIC CODE	IMPERIAL CODE
6mm	6mm	50mm	8mm	10	SN-1MDC	
1/8"	1/8"	1 1/2"	3/16"	10		SN-42DC
1/8"	3/16"	1 1/2"	1/4"	10		SN-53DC
1/8"	1/4"	1 3/4"	1/4"	10		SN-51DC
1/4"	1/4"	2"	5/16"	10		SN-1DC
1/4"	3/8"	2 3/8"	3/8"	13		SN-2DC
1/4"	1/2"	2 1/2"	1/2"	16		SN-3DC
1/4"	1/2"	2 1/2"	1/2"	28		SN-4DC
1/4"	5/8"	2 5/8"	5/8"	19		SN-5DC
1/4"	5/8"	2 3/4"	3/4"	18		SN-6DC

DOUBLE CUT



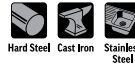
TUNGSTEN Carbide



Alpha TUNGSTEN CARBIDE BURR SET / 5 PIECE IMPERIAL

No. of Pieces	SHANK Ø	HEAD Ø	CONTENTS	CODE
5	1/4"	3/8"	SB-3DC / Cylindrical End Cut	BURRSET1
	1/4"	3/8"	SC-3DC / Cylindrical Ball Nose	
	1/4"	1/2"	SC-5DC / Cylindrical Ball Nose	
	1/4"	3/8"	SF-3DC / Tree Radius Nose	
	1/4"	1/2"	SF-5DC / Tree Radius Nose	

DOUBLE CUT



TUNGSTEN Carbide



Alpha ALUMINIUM CUT CARBIDE BURR SET / 5 PIECE IMPERIAL

No. of Pieces	SHANK Ø	HEAD Ø	CONTENTS	CODE
5	1/4"	1/2"	SA-5AL / Cylindrical Smooth End	BURRSET5
	1/4"	1/2"	SC-5AL / Cylindrical Ball Nose	
	1/4"	1/2"	SD-5AL / Ball	
	1/4"	1/2"	SE-5AL / Oval	
	1/4"	1/2"	SF-5AL / Tree Radius Nose	

ALUMINIUM CUT



TUNGSTEN Carbide



Alpha TUNGSTEN CARBIDE BURR SET / 8 PIECE IMPERIAL

No. of Pieces	SHANK Ø	HEAD Ø	CONTENTS	CODE
8	1/4"	3/8"	SA-3DC / Cylindrical Smooth End	BURRSET2
	1/4"	3/8"	SC-3DC / Cylindrical Ball Nose	
	1/4"	3/8"	SD-3DC / Ball	
	1/4"	3/8"	SE-3DC / Oval	
	1/4"	3/8"	SF-3DC / Tree Radius Nose	
	1/4"	3/8"	SG-3DC / Tree Pointed Nose	
	1/4"	3/8"	SL-3DC / Included Angle	
	1/4"	3/8"	SM-4DC / Pointed Cone	

DOUBLE CUT



TUNGSTEN Carbide



Alpha TUNGSTEN CARBIDE BURR SET / 9 PIECE IMPERIAL

No. of Pieces	SHANK Ø	HEAD Ø	CONTENTS	CODE
9	1/8"	3/32"	SA-42DC / Cylindrical Smooth End	BURRSET11
	1/8"	1/8"	SA-43DC / Cylindrical Smooth End	
	1/8"	3/32"	SC-41DC / Cylindrical Ball Nose	
	1/8"	1/8"	SC-42DC / Cylindrical Ball Nose	
	1/8"	1/8"	SD-42DC / Ball	
	1/8"	1/8"	SE-41DC / Oval	
	1/8"	1/8"	SF-41DC / Tree Radius Nose	
	1/8"	1/8"	SG-41DC / Tree Pointed Nose	
	1/8"	1/8"	SM-43DC / Pointed Cone	

DOUBLE CUT



TUNGSTEN Carbide



TUNGSTEN CARBIDE BURR SETS



TUNGSTEN CARBIDE BURR SET / 5 PIECE METRIC

No. of Pieces	SHANK Ø	HEAD Ø	CONTENTS	CODE
5	6mm	10mm	SB-3 / Cylindrical End Cut	TCBMS5T5
	6mm	10mm	SC-3 / Cylindrical Ball Nose	
	6mm	12mm	SC-5 / Cylindrical Ball Nose	
	6mm	10mm	SF-3 / Tree Radius Nose	
	6mm	12mm	SF-5 / Tree Radius Nose	



Double Cut



TUNGSTEN CARBIDE BURR SET / 5 PIECE IMPERIAL

No. of Pieces	SHANK Ø	HEAD Ø	CONTENTS	CODE
5	1/4"	3/8"	SB-3DC / Cylindrical End Cut	TCBIS5T5
	1/4"	3/8"	SC-3DC / Cylindrical Ball Nose	
	1/4"	1/2"	SC-5DC / Cylindrical Ball Nose	
	1/4"	3/8"	SF-3DC / Tree Radius Nose	
	1/4"	1/2"	SF-5DC / Tree Radius Nose	



Double Cut



TUNGSTEN CARBIDE BURR SET / 5 PIECE IMPERIAL

No. of Pieces	SHANK Ø	HEAD Ø	CONTENTS	CODE
5	1/4"	1/2"	SA-5AL / Cylindrical Smooth End	TCBSA5T5
	1/4"	1/2"	SC-5AL / Cylindrical Ball Nose	
	1/4"	1/2"	SD-5AL / Ball	
	1/4"	1/2"	SE-5AL / Oval	
	1/4"	1/2"	SF-5AL / Tree Radius Nose	



Aluminium Cut



Burr Counter Display

Ask about our merchandising options.

*Available to Trucut Distributors only.

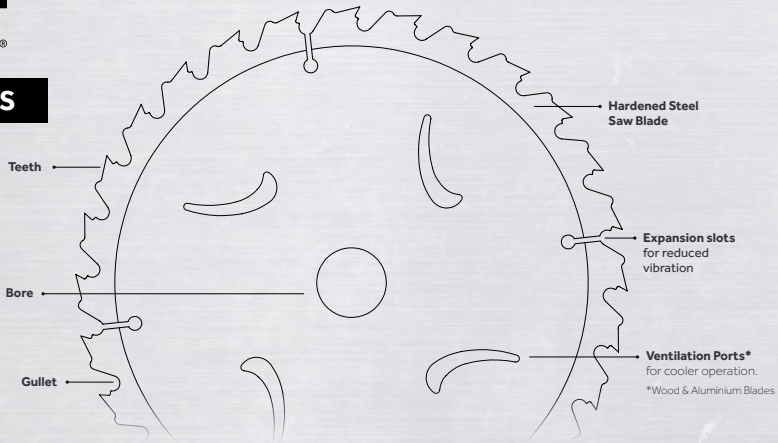


SAW BLADES

129

WOOD CUTTING	132
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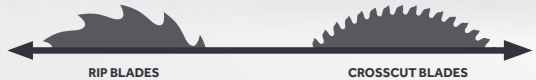
SAWBLADES



WHAT DETERMINES CUTTING ACTION?

NUMBER OF TEETH

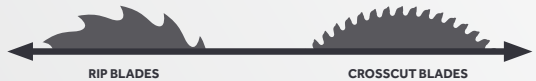
Less teeth remove more material



More teeth smoother cut

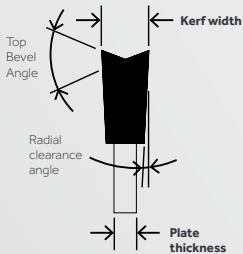
GULLET & KICK-BACK

Wider Gullet bigger chip of material cut & allow faster stock removal



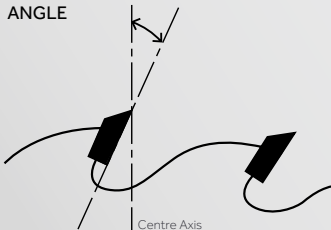
Smaller Gullet prevent too-fast feed rate

KERF



Kerf: the cut width a saw blade makes in a material

TOOTH ANGLE



Hook Angle is the angle formed by intersecting lines through the centre of the saw and an extension of the tooth face

TOOTH CONFIGURATION



FT (Flat Top) Optimised for ripping. Used on rip blades for fast, efficient cuts along the grain. A Flat Top (also Square or Flat) grind is durable and long lasting. It can be used on general purpose, thin kerf saw blades.



ATB (Alternate Top Bevel) Optimised for cross cutting. The tops of alternating teeth are bevelled to one side of the blade or the other at approximately 15°. This creates a sharp point and a sharper cutting edge for better cut quality without chipping or splinters. Generally used for cross cutting wood, plywood, veneer, hardboard, fibreboard and particle board.



ATAF (Alternate Top - Alternate Face) Optimised for brittle materials. Grinds the top at an angle and also grinds the face at an angle which cuts sharper and hence provides a very smooth cut. This is used on the most brittle materials.



TCG (Triple Chip Grind) Optimised for hardwood, non-ferrous metals & plastics. Specialty tooth design for mitre saws. Used in picture frame shops, window and door manufacturers or anywhere that mitre saws are used.



WOOD CUTTING BLADE



Structural and framing timbers



Formwork and structural Ply



Landscaping timbers

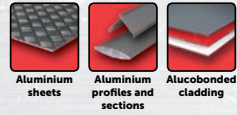


LVL structural timbers



Detail mouldings

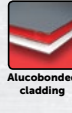
ALUMINIUM CUTTING BLADE



Aluminium sheets

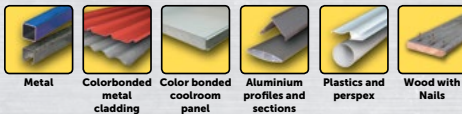


Aluminium profiles and sections



Alucobonded cladding

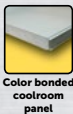
METAL CUTTING BLADE



Metal



Colorbonded metal cladding



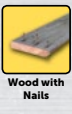
Color bonded coolroom panel



Aluminium profiles and sections



Plastics and perspex



Wood with Nails

CEMENT CUTTING BLADE



POLY CRYSTALLINE DIAMOND TIP -PCD-



Plastic Composite Material



Fibre Cement & Compressed Sheet up to 18mm

DART WOOD CUTTING BLADES

Professional TCT blades featuring an Alternate Top Bevel (ATB) tooth configuration for a professional finish and long cutting life

Features:

- Quality blades featuring an Alternate Top Bevel (ATB) tooth configuration for the professional tradesman
- Reamed bore ensures precise fit to spindle
- Front bevel tooth form for a superior quality of cut
- Suitable for use on rip saws
- Anti-kickback for smooth action & safety during use
- Body hardened and tempered to maintain trueness
- Range includes blades from 136mm to 305mm diameter for coarse cutting through to fine cutting
- Suitable for cutting softwood, hardwood, particle board, MDF, hardboard and plywood
- Reducing rings available
- Coolant slots in steel body



DIA mm	TEETH	BORE mm	CUT TYPE	CODE
136	20	20	WOOD - Fast Cut	STK1362020
160	20	20	WOOD - Coarse Finish	STK1602020
160	28	20	WOOD - Medium Finish	STK1602028
160	40	20	WOOD - Fine Finish	STK1602040
160	60	20	WOOD - Ultra Fine Cut	STK1602060
180	20	20	WOOD - Medium Finish	STK1802020
180	40	20	WOOD - Fine Finish	STK1802040
180	60	20	WOOD - Ultra Fine Cut	STK1802060
210	20	25	WOOD - Coarse Finish	STK2102520
210	28	25	WOOD - Medium Finish	STK2102528
210	40	25	WOOD - Fine Finish	STK2102540
210	60	25	WOOD - Extra Fine Cut	STK2102560
235	20	25	WOOD - Coarse Finish	STK2352520
235	28	25	WOOD - Coarse Finish	STK2352528
235	40	25	WOOD - Medium Finish	STK2352540
235	60	25	WOOD - Fine Finish	STK2352560
255	80	25	WOOD - Fine Finish	STK2552580
260	60	25.4	WOOD - Medium Finish	STK26025460
305	32	25.4	WOOD - Coarse Finish	STK30525432
305	60	25.4	WOOD - Medium Finish	STK30525460
305	96	25.4	WOOD - Fine Finish	STK30525496



Hardwood



Softwood



Particle board



MDF



Plywood & Hardboard



Formwork



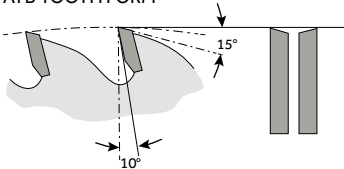
DART WOOD CUTTING BLADES / BULK PACK

- Suitable for form work

DIA mm	TEETH	BORE mm	CUT TYPE	BULK Qty	CODE
180	20	20	WOOD - Medium Finish	10	SMF1802020
235	24	25	WOOD - Medium Finish	10	SMF2352524

TOOTH TYPE KEY

ATB TOOTH FORM



- Suitable for most applications including rip saws and table saws

DART CEMENT CUTTING BLADES / POLY CRYSTALLINE DIAMOND (PCD)

Quality PCD blades with flat teeth configuration for use in specialist applications, providing exceptional durability over tungsten carbide tips

Features:

- Extra large gullet design minimises dust and improves removal of material
- Range includes blades from 125mm to 300mm diameter with 4 teeth to 8 teeth
- Suitable for cutting fibre cement boards and ultra hard materials - HardiePlank, Minerit, Eternit, MDF, Corian, and compressed sheet board



DIA mm	TEETH	BORE mm	CODE
125	4	20	PCD125204
160	4	20	PCD160204
180	4	20	PCD180204
235	2	55	PCD235255
250	6	30	PCD250306
300	8	30	PCD300308



Cuts up to 18mm compressed sheet board!



Eternit & Cement Sheet



Plastic Composite Materials



Particle board



Fibre Cement & Compressed sheet up to 18mm



MDF



AUSTSAW PANEL CUTTER BLADE 150MM X 4 CUTTING EDGES

- Designed for cutting Cool Room Panel Products - Sandwich Panel, Cold Room Panel, Freezer Panel and Thermal Panel.
- EXTREME performance / Made from hardened tempered steel with double bevelled edges that folds edges as it cuts you will experience extreme cutting performance.
- For use with Circular Saws • Can be resharpened
- No Dust • Quick Clean Cut • Double Beveled Edge

DIA mm	TEETH	BORE mm	CODE
150	4 x cutting edges	25	PC15025



DART TCT ALUMINIUM / PLASTIC / LAMINATE CUTTING BLADES

Professional TCT blades featuring a Triple Chip Grind (TCG) tooth configuration for a professional finish and long cutting life

Features:

- Reamed bore ensures precise fit to spindle
- Negative tooth angle for superior quality of cut
- Body hardened and tempered to maintain trueness
- Range includes blades from 120mm to 300mm diameter with 40 teeth to 100 teeth
- Suitable for cutting nonferrous metals including aluminium, plastic and wood laminates
- Reducing rings available

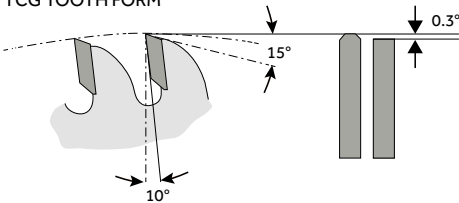
DIA mm	TEETH	BORE mm	CODE
160	60	20	SNT1602060
180	60	20	SNT1802060
190	60	20	SNT1902060
210	80	25	SNT2102580
216	80	30	SNT2163080
235	80	25	SNT2352580
250	80	30	SNT2503080
250	100	30	SNT25030100
255	80	25	SNT2552580
255	100	25	SNT25525100
300	100	30	SNT30030100

DIA mm	TEETH	BORE mm	DESCRIPTION	CODE
250	80	30	Neomax Aluminium Blade	7202503080
350	108	30	Neomax Aluminium Blade	72035030108
400	120	30	Neomax Aluminium Blade	72040030120



TOOTH TYPE KEY

TCG TOOTH FORM



- Suitable for materials such as aluminium, plastic, wood laminates and other man-made materials. Leaves a chip-free finish due to its bevelled corner tooth which cuts first followed by a flat top tooth



DART METAL SONIC HYBRID CUTTING TECHNOLOGY (HCT) MULTI PURPOSE BLADES

Metal Sonic is your answer to efficiently cutting most materials with high quality results. LOK embedded tip structure for optimum tooth strength and ultra sharp micro-finish cutting tips. Metal Sonic blades are suited for high RPM.

Designed for cutting the following materials:

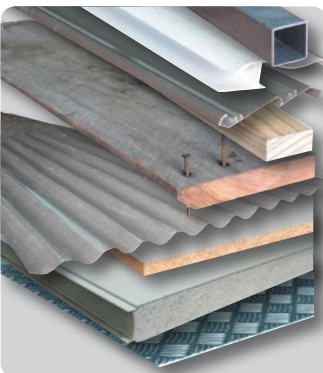
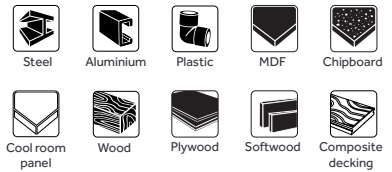
- Metal:
 - Cut a wide range of metal sections and cladding materials
 - Achieve fast clean cuts without the hot sparks that are generated by abrasive wheels (Read information on package for correct blade speed)
- Aluminium:
 - Super clean cuts in all aluminium sections
 - For use in mitre saws, and portable tools
- Plastics: for excellent results in all rigid plastic sections
 - For use in mitre saws, and portable tools
- Wood:
 - Clean cuts in all wood sections. Gives very clean cuts in laminates and Particleboard/MDF
 - For use in mitre saws, and portable tools
- Coolroom Panel
 - Cut the steel cladding and foam substrate in one pass
- Wood with nails
 - Great for reclaimed wood. Note that nails must be well embedded.
 - Loose and hardened nails cannot be cut



DIA mm	TEETH	BORE mm	MAX RPM	CODE
100	20	22.2	6,300	MSB1002220*
115	20	22.2	6,300	MSB1152220*
125	20	22.2	6,300	MSB1252220*
136	36	20	6,300	MSB1362036
136	50	20	6,300	MSB1362050
150	30	20	5,300	MSB1502030
150	50	20	5,300	MSB1502050
160	40	20	5,300	MSB1602040
160	50	20	5,300	MSB1602050
180	42	20	4,800	MSB1802042
180	54	20	4,800	MSB1802054
180	70	20	4,800	MSB1802070
235	56	25	4,600	MSB2352556
250	60	30	4,200	MSB2503060
305	60	25.4	3,500	MSB30525460
355	64	25.4	3,000	MSB35525464
355	84	25.4	3,000	MSB35525484

• Reducing rings available

* See page 134 for angle guard details.



Can cut all these materials



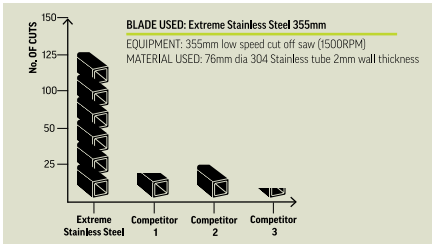
STAINLESS CUTTING SAW BLADES

AUSTSAW, EXTREME STAINLESS STEEL CUTTING BLADES

- Extreme Stainless Steel blades exhibit extreme performance in stainless steel applications. Featuring non-stick Pro-shield technology & cermet tips, this blade has 15x the life of its competitors.
- Premium cemented carbide tips give exceptional life and clean, cool cutting in stainless steel
- Stainless steel cutting includes stainless pipe, stainless square tube, stainless plate and stainless rebar
- Non-stick Pro-shield coating reduces frictional resistance on blade surface
- Blade designed with laser cut slits for noise reduction
- Anti-vibration slot resin plugs absorbs vibration
- Less vibration for straight, accurate cutting
- Prevention of chipping on blade teeth
- Dual step saw blade technology

DIA mm	TEETH	BORE mm	CODE
135	50	20	SSBE1352050
150	52	20	SSBE1502052
165	56	20	SSBE1652056
185	64	20	SSBE1852064
355	110	25.4	SSBE355254110

15x LIFE



Austsaw spent six months trialling and testing all recognised brands of stainless steel and metal cutting saw blades currently available on the Australian market, as well as many samples from manufacturers all over the world. Our custom designed testing procedure put every blade through a rigorous test.

This blade has proved to last up to 15x the life of its competitors.



AUSTSAW, SPARK BUSTER - ANGLE GRINDER GUARD

- Innovative spark control system safely exhausts the sparks when in use.
- Can be fitted with a variety of Grinders, and most 100-125mm blades, to be used in metal, wood & concrete.
- Reduces vibrations and kick-back to achieve smooth, comfortable cutting with small energy loss.



DESCRIPTION	CODE
Angle Grinder Guard	AGG01

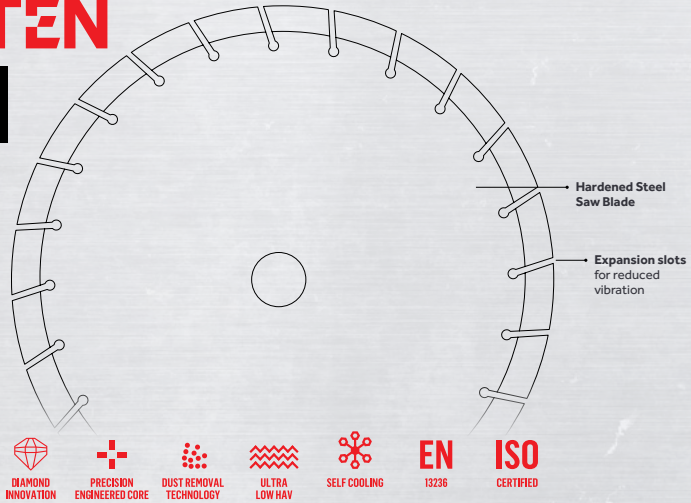


DIAMOND BLADES

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DIAMOND BLADES



The highly respected range of diamond blades and cores that is manufactured to the highest standards. Designed for the construction industry, DART Red Ten gives you better performance.

DIAMOND BLADE APPLICATION GUIDELINES

	UNIVERSAL BLADE IDENTIFIED WITH MI IN THE CODE	CONCRETE BLADE IDENTIFIED WITH GP IN THE CODE	ABRASIVE BLADE IDENTIFIED WITH AC IN THE CODE	ASPHALT BLADE IDENTIFIED WITH AS IN THE CODE	TILE BLADE IDENTIFIED WITH RT/ST IN THE CODE	MORTAR BLADE IDENTIFIED WITH MR IN THE CODE
TRADE	SMI-7	MGP-10			RT-10	
PRO			AC-DUO	AS-10	ST-10	MR-6
ULTRA	LMI-15 LANDSCAPER	BGP-15 (BM-15)				
SELF COOLING	Hard Materials: Natural Stone, Clay, Engineering Bricks & Metal. Fast Cutting.	Concrete, General Purpose & Unabrasive Building Products.	Abrasive Materials, Concrete & Asphalt, Dual Purpose.	Asphalt and Extremely Abrasive Materials including Cement Screed & Lignacite Blocks.	Porcelain, Ceramic Tiles, Granite & Marble.	Mortar & Brick Raking, Abrasive Materials.
DUST REMOVAL TECHNOLOGY						
PRECISION ENGINEERED CORE						

REDTEN LMI-15 UNIVERSAL DIAMOND BLADES / ULTRA PERFORMANCE

Ultra performance hard materials blade

- Fast-cutting, laser-welded blade with long life turbo segments
 - Large 15mm diamond hard wearing turbo segment
 - Reinforced flange, cooling holes allowing for constant use
- Cuts all concrete and hard building materials including: indian stone, granite, limestone, block paving, kerbs, all clay & brick products, concrete building materials and concrete slabs

Light use for: abrasive breeze and concrete blocks, sandstone, reconstituted stone, roof tiles and thin metal

ULTRA



Concrete



Rio Concrete



Concrete Block



Block Paving



Sandstone & reconstituted stone



Granite



All Clay & Brick



Roof Tiles



Thin Metal



DIA mm	SEGMENT HEIGHT	BORE mm	CODE
115	12	22	DB04298
125	12	22	DB04299
230	15	22	DB04300
300	15	22	DB04310



DIAMOND INNOVATION



PRECISION ENGINEERED CORE



DUST REMOVAL TECHNOLOGY



ULTRA LOW HAV



SELF COOLING



EN 13236



ISO CERTIFIED



REDTEN SMI-7 UNIVERSAL DIAMOND BLADES / TRADE PERFORMANCE

Trade performance hard materials blade

- Cuts all general purpose masonry
- Turbo rim for fast cutting speed

Cuts all masonry construction products including: granite, indian stone, very hard & medium stone, block paving, kerbs, all clay & brick products, concrete building materials and concrete slabs

Light use for: mild steel, metal, abrasive concrete, roof tiles and sandstone

TRADE



Concrete



Rio Concrete



Concrete Block



Block Paving



Sandstone & reconstituted stone



Granite



All Clay & Brick



Roof Tiles



DIA mm	SEGMENT HEIGHT	BORE mm	CODE
115	8	22	DB00120
125	8	22	DB00130
230	8	22	DB00140
300	10	20	DB00150
350	10	25	DB00161



REDTEN BGP-15 CONCRETE DIAMOND BLADES / ULTRA PERFORMANCE

Ultra performance concrete and general purpose blade

- Large 15mm long life diamond turbo segment for all concrete applications

Cuts concrete products; unabrasive bricks, paving, stone, roof tiles

Light use for asphalt and abrasive breeze blocks

Ideal for groundwork and civil engineers

ULTRA



Concrete



Rio Concrete



Concrete Block



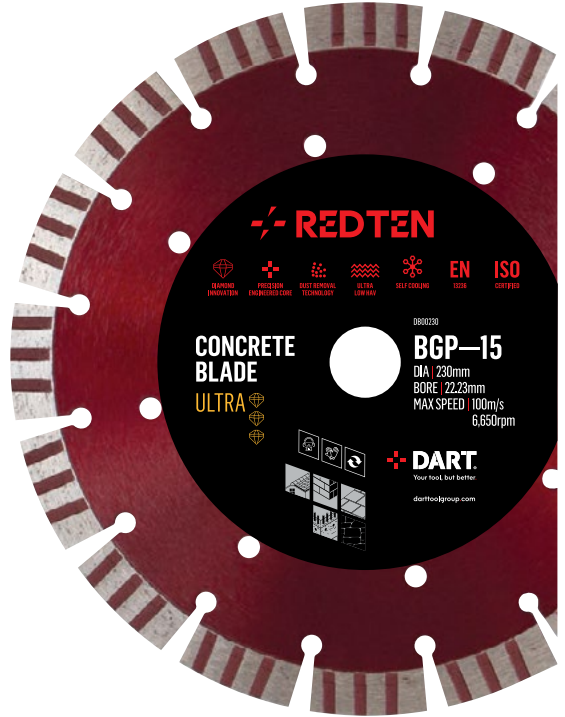
Block Paving



All Clay & Brick



Roof Tiles



DIA mm	SEGMENT HEIGHT	BORE mm	CODE
230	15	22	DB00230
300	15	20	DB00240
350	15	25	DB00251



REDTEN MGP-10 CONCRETE DIAMOND BLADES / TRADE PERFORMANCE

Trade performance concrete and general purpose blade

- Tradesman's concrete and general purpose blade
- Impressive cutting speeds and life with 10mm segment height

Cuts concrete products, unabrasive bricks, paving, stone and roof tiles

TRADE



Concrete



Rio Concrete



Concrete Block



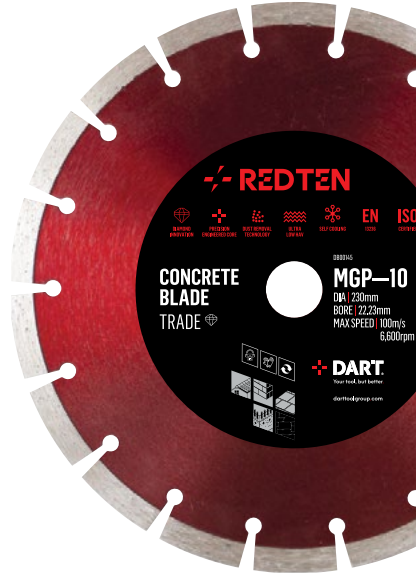
Block Paving



All Clay & Brick



Roof Tiles



DIA mm	SEGMENT HEIGHT	BORE mm	CODE
115	10	22	DB00125
125	10	22	DB00135
230	10	22	DB00145
300	10	20	DB00155
350	10	25.4	DB00166



DIAMOND INNOVATION



PRECISION ENGINEERED CORE



DUST REMOVAL TECHNOLOGY



ULTRA LOW VAPOUR



SELF COOLING



EN 12236



ISO CERTIFIED



REDTEN AC-DUO ABRASIVE DIAMOND BLADES / PRO PERFORMANCE

Pro performance abrasive and dual purpose blade

- High performance, fast cutting dual purpose blade
 - Laser welded segment for increased cutting safety, performance and life
 - Cooling holes for heat dissipation ensuring increased blade durability
- Cuts abrasive materials, concrete & asphalt



PRO



Unabrasive bricks



Roof Tiles



Asphalt

DIA mm	SEGMENT HEIGHT	BORE mm	CODE
300	12	20	DB00410
350	12	25.4	DB00430
400	12	25.4	DB00450
450	12	25.4	DB00460



DIAMOND INNOVATION



PRECISION ENGINEERED CORE



DUST REMOVAL TECHNOLOGY



ULTRA LOW HAV



SELF COOLING



EN ISO 12236



LASER WELDED



REDTEN AS-10 ASPHALT DIAMOND BLADES / PRO PERFORMANCE

Pro performance asphalt and extremely abrasive materials blade

- High performance asphalt blade with 10mm segment height
- Laser welded segment for increased cutting safety, performance and life
- 'U' gullet to improve air flow which in turn dissipates heat and ensures fast swarf clearance

Cuts asphalt and extremely abrasive materials, including cement screed and lignacite blocks

PRO



Extremely abrasive materials



Asphalt



DIA mm	SEGMENT HEIGHT	BORE mm	CODE
300	10	20	DB00610
350	10	25.4	DB00630
400	10	25.4	DB00650
450	10	25.4	DB00660



DIAMOND INNOVATION



PRECISION ENGINEERED CORE



DUST REMOVAL TECHNOLOGY



ULTRA LOW VIB



SELF COOLING



EN 12336



ISO CERTIFIED



REDTEN ST-10 SUPER THIN DIAMOND PORCELAIN BLADES / PRO PERFORMANCE

Pro performance abrasive and dual purpose blade

- Super-thin and super-fast turbo diamond blade

Suitable for all tiles including porcelain, ceramic, granite and marble

PRO  



Porcelain



Marble



Granite



Ceramic



DIA mm	SEGMENT HEIGHT	BORE mm	CODE
100	10	16	DB01580
115	10	22	DB01590
125	10	22	DB01600
230	10	22	DB01630
300	10	20	DB01640



DIAMOND INNOVATION



PRECISION ENGINEERED CORE



DUST REMOVAL TECHNOLOGY



ULTRA LOW HAV



SELF COOLING



EN 12236



ISO CERTIFIED



REDTEN RT-10 SMOOTH CUT DIAMOND CERAMIC BLADES / TRADE PERFORMANCE

Trade performance smooth and effective ceramic tile blade

- Continuous rim for a very smooth cut

Suitable for all tiles including ceramic and natural stone

TRADE



Porcelain



Marble



Granite



Ceramic



DIA mm	SEGMENT HEIGHT	BORE mm	CODE
115	8	22	DB01670
125	8	22	DB01680
180	8	22	DB01690
230	8	22	DB01710
300	8	20	DB01720



REDTEN MR-6 / MR-9 MORTAR RAKER DIAMOND BLADES / PRO PERFORMANCE

Pro performance 6mm mortar and brick raking blade

- Fast cutting speed
- 8mm Long life segment

Suitable for mortar raking, brick raking and abrasive materials

PRO



Mortar
& Brick



DIA mm	SEGMENT HEIGHT mm	BORE mm	CODE
125	6	22	DB01750
125	9	22	DB01760
180	6	22	DB01770
180	9	22	DB01780



DIAMOND
INNOVATION



PRECISION
ENGINEERED CORE



DUST REMOVAL
TECHNOLOGY



ULTRA
LOW VAP



SELF COOLING



EN
12336



ISO
CERTIFIED



DRY CORE BITS

REDTEN DCD/SPIRO PREMIUM DRY CORE BITS / PRO PERFORMANCE

A premium dry core bit with spiral barrel design for swift dust removal

- Fast start segments
- Side vents and spiral barrel design help keep the bits cool resulting in longer life

Suitable for use in masonry, brick, concrete with light or medium steel reinforcing

Also effective for granite, marble and stone

PRO



Concrete



Rio Concrete



Concrete Block



Brick



Roof Tiles



SIZE mm	LENGTH	CODE
22	300	DB00740
28	300	DB00750
32	145	DB00760
38	145	DB00770
42	145	DB00771
48	145	DB00780
52	145	DB00790
65	145	DB00800
78	145	DB00810
82	145	DB00811
91	145	DB00812
102	145	DB00813
107	145	DB00820
117	145	DB00830
127	145	DB00840
142	145	DB00841
152	145	DB00850
162	145	DB00860
172	145	DB00861
182	145	DB00870
200	145	DB00871



DIAMOND INNOVATION



DUST REMOVAL TECHNOLOGY



ULTRA LOW HAV



EN 13225



ISO CERTIFIED

REDTEN DCD/SPIRO PREMIUM DRY CORE BIT SET

No. of Pieces	SIZES mm	ACCESSORIES	CODE
5	38 52 65 117 127	SDS Adaptor Hex Adaptor Drift Key 1/2" BSP Extension (200mm) A-Taper Pilot Drill Heavy duty carry case	DB00880



REDTEN DCD/SPIRO PREMIUM DRY CORE BIT ACCESSORIES

DESCRIPTION	CODE
Drift Key	DB02410
Hex Adaptor	DB02420
SDS Adaptor	DB02430
A-Taper Pilot Drill	DB02390
1/2" BSP Extension (200mm)	DB02370
Hex Adaptor Set	DB02340
Includes: • Hex Adaptor • A-Taper Pilot Drill • Drift Key	
SDS Adaptor Set	DB02350
Includes: • SDS Adaptor • A-Taper Pilot Drill • Drift Key	



REDTEN DIAMOND CUP GRINDERS / TRADE PERFORMANCE

Heavy duty, premium quality universal grinding discs available in both ultimate turbo and double row.

- Ultimate turbo for superfast grinding and a smoother finish.
- Double row for fast and aggressive stock removal.
- Open layout designs reduces risk of clogging.
- 5mm segment height for long life.

Ideal for removal of roughness and ridges in concrete.

TRADE



Concrete



Block Paving



Concrete Block



DIA mm	SEGMENT HEIGHT	BORE mm	CODE
115	5	22.23	DCGUT11522
125	5	22.23	DCGUT12522
180	5	22.23	DCGUT18022





MP.S

PRDFE1
—
Made in



JIGSAW & RECIPROCATING BLADES

151

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JIGSAW BLADES - WOOD CUTTING

MPS: J3104

Ideal for straight cuts. High speed, clean cuts in hardwood, softwoods and chipboard



MPS: J3105

Ideal for curved cuts. High speed cuts in hardwoods, softwoods and chipboard



MPS: J3160

Double cut - clean splinter free sawing of hardwoods, softwoods, coated wooden fibreboard and synthetic materials



MPS: J3180

Ideal for acrylic glass. For straight cuts in hardwoods, softwoods, plywood, insulation materials and plastic



MPS: J3181

Variable pitch for all kinds of wood related materials. High quality, extremely sharp, fast and clean cutting. Bi-Metal.



MPS: J3182

Double edged tothing for extreme curved cuts in all kinds of wood related materials. High quality vario-pitch sawblade. Fast and clean cutting. Bi-Metal.



TPI	CUTTING LENGTH mm	OAL mm	CLEAN CUT	CURVED CUT	CODE	PACK Qty
6	75	100	•		J3104-5	5
6	75	100		•	J3105-5	5
12	75	100	•		J3160-5	5
Progressive	90	115	•		J3180-5	5
10 - 14	95	115	•		J3181-5	5
10 - 14	95	115	•	•	J3182-5	5

MPS® J3101

Ideal for precise cuts in hardwoods, softwoods, plywood, laminated wooden fibreboard and synthetic materials



MPS® J3101-F

Ideal for straight, precise cuts in hardwoods, softwoods, plywood, laminated wooden fibreboard and fibre glass-reinforced synthetic materials



MPS® J3101-KR

Specialised curved blade. Rear toothed. For extra clean cuts in laminated wooden fibreboard and synthetic materials



MPS® J3107

Plywood, wooden fibreboard, insulation materials and plastic



MPS® J3108

Ideal for acrylic glass. For straight cuts in hardwoods, softwoods, plywood,



MPS® J3109

For tight curved cuts in hardwoods, softwoods, plywood, chipboard, synthetic materials and acrylic glass



MPS® J3171

For precise, splinter free cuts on both sides of the material. For curved cuts in hardwoods, softwoods, plywood, wooden fibreboard and plastic



TPI	CUTTING LENGTH mm	OAL mm	CLEAN CUT	CURVED CUT	CODE	PACK Qty
12	75	100	•		J3101-5	5
12	75	100	•		J3101-25	25
10	75	100	•		J3101-F-5	5
10	75	100	•	•	J3101-KR-5	5
21	50	75	•		J3107-5	5
12	50	75			J3108-5	5
12	50	75		•	J3109-5	5
20	50	75	•	•	J3171-5	5

MPS: J3102

Down cut blade for hardwoods, softwoods, plywood, laminated wooden fibreboard and synthetic materials



MPS: J3103

Ideal for fast, clean cuts in hardwoods, softwoods, chipboard, fibreboard and synthetic materials



MPS: J3104-LF

Ideal for straight, parallel cuts. Extra fast cuts in hardwoods, softwoods, book-matched woods, plywoods, chipboard, and fibreglass-reinforced synthetic materials



MPS: J3106

For fast, rough cuts in hardwoods, softwoods, and plastic



MPS: J3145

Ideal for clean, fast cuts in hardwoods, softwoods, laminated wooden fibreboard, plywood and synthetic materials



TPI	CUTTING LENGTH mm	OAL mm	CLEAN CUT	CURVED CUT	CODE	PACK Qty
10	75	100	•		J3102-5	5
6	75	100	•		J3103-5	5
6	110	132			J3104-LF-5	5
8	75	100			J3106-5	5
8	75	100	•		J3145-5	5



MPS J3110

Ideal for extra-thin materials. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium



MPS J3111

For thinner metals. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium



MPS J3112

Ideal for curved cutting in thinner materials, metals, non-ferrous metals and aluminium

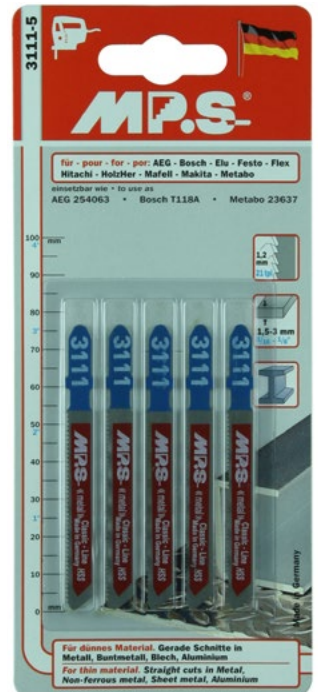


MPS J3114

Ideal for sandwich materials. Straight cuts (flexible and shatterproof) in metals, non-ferrous metal, aluminium and acrylic glass



TPI	CUTTING LENGTH mm	OAL mm	THIN METAL	CURVED CUT	CODE	PACK Qty
28	50	75	•		J3110-5	5
21	50	75	•		J3111-5	5
21	50	75	•		J3111-F-5	5
21	50	75	•	•	J3112-5	5
21	110	132			J3114-5	5



JIGSAW BLADES- METAL CUTTING

MPS: J3113

For thicker metals. Straight cuts in metals, non-ferrous metal and aluminium



MPS: J3115

Ideal for work on sandwich materials. Straight cuts in metals, non-ferrous metals, sandwich materials and synthetic materials



MPS: J3116

Ideal for acrylic glass. Clean cuts in non-ferrous metals, aluminium and acrylic glass



MPS: J3118

Ideal for aluminium. Fast, straight cuts in aluminium, non-ferrous metals, metals and fibre-reinforced synthetic materials

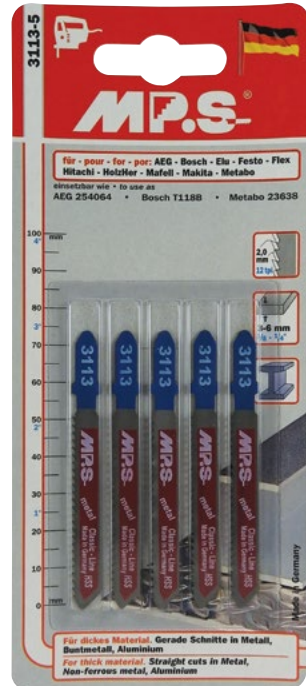


MPS: J3118-F

Ideal for aluminium. Flexible and shatter-proof. Straight cuts in metals, non-ferrous metals, aluminium and acrylic glass



TPI	CUTTING LENGTH mm	OAL mm	THIN METAL	CURVED CUT	CODE	PACK Qty
12	50	75			J3113-5	5
12	110	132			J3115-5	5
12	110	100	•		J3116-5	5
8	75	100			J3118-5	5
8	75	100			J3118-F-5	5



MPS® J3150-F

Ideal for materials with different thicknesses. For straight cuts in softwoods, hardwoods, wood with nails, Stainless Steel, particleboard



MPS® J3156-F

Robust quick shear blade for wood and abrasive material



TPI	CUTTING LENGTH mm	OAL mm	STRAIGHT CUT	CODE	PACK Qty
10 - 14	110	132	•	J3150-F-5	5
6 - 12	110	132	•	J3156-F-5	5

MPS: J3121

Ideal for abrasive materials. Precise straight cuts in ceramics, glass and up to medium strength tiles



MPS: J3125

Ideal for abrasive materials. Precise straight cuts in ceramics, glass and fibreglass reinforced synthetic materials



MPS: J3126

Ideal for fibreglass-reinforced synthetic materials. Fast, rough cuts in abrasive materials, fibreglass-reinforced synthetic materials and cement-bound chipboard



MPS: J3132

Ideal for stainless steel. Straight cuts in steel and stainless steel



MPS: J3134

Ideal for fibreglass-reinforced synthetic materials. Straight cuts in abrasive materials, fibreglass-reinforced synthetic materials and sandwich materials



MPS: J3140

Ideal for highly abrasive materials and carbon fibre products



TPI	CUTTING LENGTH mm	OAL mm	TCT	CODE	PACK Qty
50 Grit	50	75		J3121-1	1
50 Grit	50	75		J3121-5	5
6	75	100	•	J3125-1	1
6	100	132	•	J3126-1	1
18	50	75	•	J3132-3	3
8	85	115	•	J3134-3	3
Diamond Grit	50	75		J3140-1	1

MPS® J3197-3 / 3 PIECE JIGSAW BLADE SET - EURO SHANK

- **1 x 3104 Jigsaw Blade Wood CleanCut**
Ideal for straight cuts. High-speed, clean cuts in hardwoods, softwoods and chipboard
- **1 x 3106 Jigsaw Blade Wood FastCut**
For fast, rough cuts in hardwoods, softwoods and plastic
- **1 x 3113 Jigsaw Blade Metal Thick**
For thicker metals. Straight cuts in metals, non-ferrous metal and aluminium



MPS® J3198-5 / 5 PIECE JIGSAW BLADE SET - EURO SHANK

- **1 x 3101 Jigsaw Blade Wood FineCut**
Ideal for precise cuts in hardwoods, softwoods, plywood, laminated wooden fibreboard and synthetic materials
- **1 x 3104 Jigsaw Blade Wood CleanCut**
Ideal for straight cuts. High-speed, clean cuts in hardwoods, softwoods and chipboard
- **1 x 3106 Jigsaw Blade Wood FastCut**
For fast, rough cuts in hardwoods, softwoods and plastic
- **1 x 3109 Jigsaw Blade Wood Scroll**
For tight curved cuts in hardwoods, softwoods, plywoods, chipboard, synthetic materials and acrylic glass
- **1 x 3111 Jigsaw Blade Metal Thin**
For thinner metals. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium



MPS® J3199-5 / 5 PIECE JIGSAW BLADE SET - EURO SHANK

- **1 x 3101 Jigsaw Blade Wood FineCut**
Ideal for precise cuts in hardwoods, softwoods, plywood, laminated wooden fibreboard and synthetic materials
- **1 x 3104 Jigsaw Blade Wood CleanCut**
Ideal for straight cuts. High-speed, clean cuts in hardwoods, softwoods and chipboard
- **1 x 3106 Jigsaw Blade Wood FastCut**
For fast, rough cuts in hardwoods, softwoods and plastic
- **1 x 3111 Jigsaw Blade Metal Thin**
For thinner metals. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium
- **1 x 3113 Jigsaw Blade Metal Thick**
For thicker metals. Straight cuts in metals, non-ferrous metal and aluminium





IB614-BR

USA MADE

USA MADE

K METAL

TUFF WOOD WITH NAILS

- Best for cuts in wood with nails
 - Thin .035" kerf blade for fast cuts
 - M42 high performance bi metal
 - Wood with nails, wood, PVC
- Designed for superior cuts in all applications



TPI	LENGTH mm	WIDTH mm	THICKNESS mm	BULK CODE	BULK Qty	PACK CODE	PACK Qty
6	152	19	1.2	IB606-BR	10	IB606-5R	5
6	229	19	1.2	IB906-BR	10	IB906-5R	5

TUFF MULTI-MATERIAL

- Best for demolition cuts in wood, metal, and pvc
 - Thick .062" blade for long lasting demo cuts
 - M42 high performance bi metal
 - Metal, Wood with nails, wood, PVC
- Designed for superior cuts in all applications



TPI	LENGTH mm	WIDTH mm	THICKNESS mm	BULK CODE	BULK Qty	PACK CODE	PACK Qty
10	152	22	1.5	IBD610-BR	10	IBD610-5R	5
10	229	22	1.5	IBD910-BR	10	IBD910-5R	5
10	305	22	1.5	IBD1210-BR	10	IBD1210-5R	5

TUFF DEMOLITION

- Best for demolition cuts in wood with nails
 - Thick .062" blade for long lasting demo cuts
 - M42 high performance bi-metal
 - Wood with nails, Cement Board, Wood, PVC
- Designed for superior cuts in all applications



TPI	LENGTH mm	WIDTH mm	THICKNESS mm	BULK CODE	BULK Qty	PACK CODE	PACK Qty
6	152	22	1.5	IBD606-BR	10	IBD606-5R	5
6	229	22	1.5	IBD906-BR	10	IBD906-5R	5
6	305	22	1.5	IBD1206-BR	10	IBD1206-5R	5

TUFF THIN METAL

- Best for thin metal cuts <1/8"
 - Thin .035" kerf blade for fast flexible cuts
 - M42 high performance bi metal
- Application: Copper pipe, thin metal
- Designed for superior cuts in all applications



TPI	LENGTH mm	WIDTH mm	THICKNESS mm	BULK CODE	BULK Qty	PACK CODE	PACK Qty
24	152	19	0.88	IB624-BR	10	IB624-5R	5

TUFF Reciprocating blades are compatible with:
DeWalt® • Black+Decker® • Milwaukee®
Makita® • Bosch® • Ryobi® • SKIL®
Porter Cable® and more!



RECIPROCATING BLADES

TUFF MEDIUM METAL

- Best for medium metal cuts 1/8" – 1/4"
 - Thin .035" kerf blade for fast flexible cuts
 - M42 high performance bi metal
- Metal, Copper pipe, cement board
Designed for superior cuts in all applications



TPI	LENGTH mm	WIDTH mm	THICKNESS mm	BULK CODE	BULK Qty	PACK CODE	PACK Qty
18	152	19	0.88	IB618-BR	10	IB618-5R	5
18	229	19	0.88	IB918-BR	10	IB918-5R	5
18	229	25	1.0	IBM918-BR	10	IBM918-5R	5
18	305	25	1.0	IBM1218-BR	10	IBM1218-5R	5

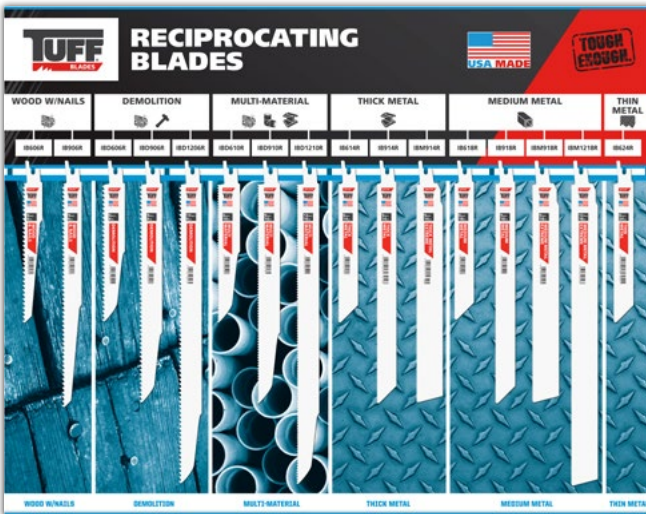
TUFF THICK METAL

- Best for thick metal cuts 1/4" – 1/2"
 - Thin .035" kerf blade for fast flexible cuts
 - M42 high performance bi metal
- Application: Metal and Cement board
Designed for superior cuts in all applications



TPI	LENGTH mm	WIDTH mm	THICKNESS mm	BULK CODE	BULK Qty	PACK CODE	PACK Qty
14	152	19	0.88	IB614-BR	10	IB614-5R	5
14	229	19	0.88	IB914-BR	10	IB914-5R	5
14	229	25	1.0	IBM914-BR	10	IBM914-5R	5
14	305	19	0.88			IB1214-5R	5
14	305	25	1.0			IBM1214-5R	5

TUFF Reciprocating blades are compatible with:
DeWalt® • Black+Decker® • Milwaukee®
Makita® • Bosch® • Ryobi® • SKIL®
Porter Cable® and more!



Reciprocating Blades Display

Ask about our merchandising options.
*Available to Trucont Distributors only.



OSCILLATING BLADES

163

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IMPERIAL BLADES

OMT ANCHOR COMPATIBILITY



ONE FIT™

- Milwaukee® Multi-Tool
- Ridgid® Multi-Tool
- Ryobi® Multi-Tool
- AEG® Multi-Tool
- Bosch® Multi-Tool
- Chicago Electric® Multi-Tool
- DeWalt® Multi-Tool
- Dremel® Multi-Max™
- Fein® Multi-Master™ (2016 model and prior)
- Hyper Tough® Multi-Tool
- Makita® Multi-Tool
- Mastercraft® Multi-Tool
- Masterforce® Multi-Tool
- Rockwell® Sonicrafter™
- and 30+ more!



Universal adapter included in all packages to fit Dremel® Multi-Max™ and Bosch® OIS™

USA
MADE 

IMPERIAL BLADES THICK WOOD - EXTENDED PLUNGE BLADE

- Imperial Blades One Fit™ Extended Plunge Thick Wood Blade Bi-Metal
- Up to 15X longer life than Imperial high carbon steel blades*
- Long, thin blade specifically designed for precision wood applications
- Recommended applications: Wood & Nails, Wood, PVC

SIZE mm	CODE	PACK Qty
32	IBOA133-1	1
32	IBOA133-10	10



IMPERIAL BLADES HARDWOOD - JAPANESE TOOTH PRECISION CUT BLADE

- Imperial Blades One Fit™ Japanese Tooth Hardwood Blade HCS
- Up to 2X faster than standard Imperial wood blades
- Double row of triple-ground Japanese toothting specifically engineered for precise, clean cuts
- New Power Curve cutting edge for greater control and easier starts while plunge cutting
- Not designed for metal contact
- Recommended applications: Hardwood, Wood, PVC, Drywall

SIZE mm	CODE	PACK Qty
32	IBOA220-3	3



IMPERIAL BLADES HARDWOOD - JAPANESE TOOTH PRECISION CUT BLADE

- Imperial Blades One Fit™ Japanese Tooth Hardwood Blade HCS
- Up to 2X faster than standard Imperial wood blades
- Double row of triple-ground Japanese toothting specifically engineered for precise, clean cuts
- New Power Curve cutting edge for greater control and easier starts while plunge cutting
- Not designed for metal contact
- Recommended applications: Hardwood, Wood, PVC, Drywall

SIZE mm	CODE	PACK Qty
34	IBOA240-1	1
34	IBOA240-3	3



OSCILLATING BLADES - WOOD

IMPERIAL BLADES **HARDWOOD - JAPANESE TOOTH PRECISION CUT BLADE**

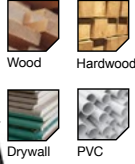
- Imperial Blades One Fit™ Japanese Tooth Hardwood Blade HCS
- **Up to 2X faster than standard Imperial wood blades**
- Double row of triple-ground Japanese tooting specifically engineered for precise, clean cuts
- New Power Curve cutting edge for greater control and easier starts while plunge cutting
- Not designed for metal contact
- Extra-wide fan blade ideal for long and straight flush cuts with minimal deflection
- Recommended applications: Hardwood, Wood, PVC, Drywall

UP TO
2X
FASTER



PRECISION CUT
JAPANESE TOOTH

EXTRA-WIDE FAN BLADE
for long and straight flush cuts



SIZE mm	CODE	PACK Qty
64	IBOA270-3	3

IMPERIAL BLADES **WOOD - SPEARTOOTH FASTCUT BLADE**

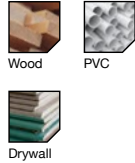
- Imperial Blades One Fit™ Japanese Tooth Hardwood Blade HCS
- **Up to 2X faster than previous models***
- Coarse tooth design for exceptionally fast, aggressive cuts
- Recommended applications: Wood, PVC, Drywall

UP TO
2X
FASTER



SPEARTOOTH
RE-ENGINEERED TOOTH GEOMETRY

SPEARTOOTH BLADE
Re-engineered coarse tooth design delivers exceptionally fast aggressive cuts



SIZE mm	CODE	PACK Qty
35	IBOA200-1	1
35	IBOA200-3	3
35	IBOA200-10	10

IMPERIAL BLADES **WOOD - SPEARTOOTH FASTCUT BLADE**

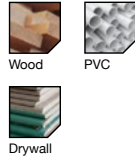
- Imperial Blades One Fit™ Japanese Tooth Hardwood Blade HCS
- **Up to 2X faster than previous models***
- Coarse tooth design for exceptionally fast, aggressive cuts
- Extra-wide fan blade ideal for long and straight flush cuts with minimal deflection
- Recommended applications: Wood, PVC, Drywall

UP TO
2X
FASTER



SPEARTOOTH
RE-ENGINEERED TOOTH GEOMETRY

EXTRA-WIDE FAN BLADE
ideal for long and straight flush cuts with minimal deflection



SIZE mm	CODE	PACK Qty
64	IBOA250-1	1
64	IBOA250-3	3

IMPERIAL BLADES WOOD WITH NAILS - STANDARD BLADE

- Imperial Blades One Fit™ Standard Wood & Nails Blade Bi-Metal
- Features ETS (Every Tooth Set), an alternating tooth pattern ideal for fast and smooth cuts in nail-embedded wood and other non-ferrous metals
- Up to 15X longer life than Imperial high carbon steel blades*
- Recommended applications: Wood & Nails, Copper pipe, Wood, PVC

SIZE mm	CODE	PACK Qty
32	IBOA300-1	1

UP TO 15X LONGER LIFE*



ALTERNATING TOOTH PATTERN for fast and smooth cuts



Wood & Nails



PVC



Wood



Copper Pipe



IMPERIAL BLADES WOOD WITH NAILS - STORM TITANIUM BLADE

- Imperial Blades One Fit™ Storm Titanium Wood & Nails Blade Bi-Metal
- Features ETS (Every Tooth Set), an alternating tooth pattern ideal for fast and smooth cuts in nail-embedded wood and other non-ferrous metals
- Storm Titanium Enhanced (TiN) coated blade for longest life, best performance
- Up to 30% longer life with TiN coated BiM blades vs non-TiN BiM blades in nail-embedded wood
- Recommended applications: Wood & Nails, Copper pipe, Wood, PVC

SIZE mm	CODE	PACK Qty
32	IBOAT336-1	1
32	IBOAT336-3	3

UP TO 30% LONGER LIFE*



STORM TITANIUM COATING Up to 30% longer life*



Wood



Wood & Nails



PVC



Copper Pipe



IMPERIAL BLADES WOOD WITH NAILS - STORM TITANIUM BLADE

- Imperial Blades One Fit™ Storm Titanium Wood & Nails Blade Bi-Metal
- Extra-wide fan blade ideal for long and straight flush cuts with minimal deflection
- Features ETS (Every Tooth Set), an alternating tooth pattern ideal for fast and smooth cuts in nail-embedded wood and other non-ferrous metals
- Storm Titanium Enhanced (TiN) coated blade for longest life, best performance
- Up to 30% longer life with TiN coated BiM blades vs non-TiN BiM blades in nail-embedded wood
- Recommended applications: Wood & Nails, Copper pipe, Wood, PVC

SIZE mm	CODE	PACK Qty
64	IBOAT337-3	3

UP TO 30% LONGER LIFE*



EXTRA-WIDE FAN BLADE ideal for long and straight flush cuts with minimal deflection



Wood



Wood & Nails



PVC



Copper Pipe



OSCILLATING BLADES - METAL

IMPERIAL BLADES METAL - CARBIDE EXTREME STORM TITANIUM BLADE

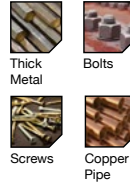
- Imperial Blades One Fit™ Carbide Extreme Storm Titanium Metal Blade
- Newly re-designed aggressive carbide teeth for tough applications, longer life and faster cutting
- Storm Titanium Enhanced (TiN) coated blade for longest life, best performance
- Up to 30% longer life with TiN coated BiM blades vs non-TiN BiM blades in nail-embedded wood
- Up to 50X more cuts than standard Imperial bi-metal blades
- Recommended applications: Thick Metal, Bolts, Screws, Copper Pipe, Wood & Nails

SIZE mm	CODE	PACK Qty
35	IBOAT360-1	1
35	IBOAT360-2	2

ONE & FIT CARBIDE EXTREME STORM TITANIUM



CARBIDE EMBEDDED TEETH for the toughest applications



IMPERIAL BLADES THIN METAL - STORM TITANIUM BLADE

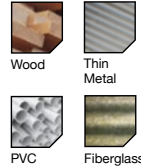
- Imperial Blades One Fit™ Storm Titanium Metal Blade
- Segment blade ideal for working in corners and on edges without over cut
- Long, straight cuts in sheet or thin metal
- Storm Titanium Enhanced (TiN) coated blade for longest life, best performance
- Up to 30% longer life with TiN coated BiM blades vs non-TiN BiM blades in nail-embedded wood
- Recommended applications: Thin Metal, Wood, Fiberglass, PVC

SIZE mm	CODE	PACK Qty
79	IBOAT410-1	1

ONE & FIT STORM TITANIUM



SEGMENT BLADE for working in corners and on edges



IMPERIAL BLADES METAL/WOOD - STORM TITANIUM BLADE

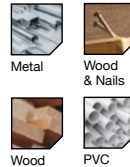
- Imperial Blades One Fit™ Storm Titanium Metal/Wood Blade
- Wavy tooth pattern reduces strain on individual teeth for a superior cut in a wide variety of non-ferrous metal profiles
- Storm Titanium Enhanced (TiN) coated blade for longest life, best performance
- Up to 30% longer life with TiN coated BiM blades vs non-TiN BiM blades in nail-embedded wood
- Recommended applications: Metal (non-ferrous), Wood & Nails, Wood, PVC

SIZE mm	CODE	PACK Qty
29	IBOAT330-3	3

ONE & FIT STORM TITANIUM



STORM TITANIUM COATING Up to 30% longer life*



IMPERIAL BLADES METAL/WOOD - STORM TITANIUM BLADE

- Imperial Blades One Fit™ Storm Titanium Metal/Wood Blade
- Wavy tooth pattern** reduces strain on individual teeth for a superior cut in a wide variety of non-ferrous metal profiles
- Storm Titanium Enhanced (TiN) coated blade** for longest life, best performance
- Up to 30% longer life** with TiN coated BiM blades vs non-TiN BiM blades in nail-embedded wood
- Recommended applications: Metal (non-ferrous), Wood & Nails, Wood, PVC

SIZE mm	CODE	PACK Qty
44	IBOAT340-1	1
44	IBOAT340-3	3



IMPERIAL BLADES DIAMOND GRIT - SEGMENT BOOT BLADE

- Imperial Blades One Fit™ Diamond Grit Segment Boot Blade
- Removes stubborn grout between tiles without damaging surrounding tile and cutting out marble and concrete joints
- Up to 5X longer life** than Imperial carbide grit blades
- Recommended applications: Marble, Cement Grout, Stone, Stone, Tile Grout, Plaster

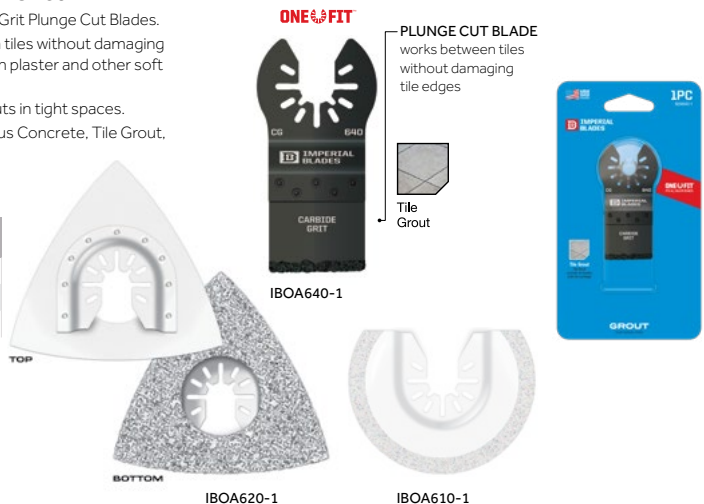
SIZE mm	CODE	PACK Qty
64	IBOA730-1	1



IMPERIAL BLADES CARBIDE GRIT - PLUNGE CUT BLADE

- Imperial Blades One Fit™ Carbide Grit Plunge Cut Blades.
- Removes stubborn grout between tiles without damaging tile edges and makes plunge cuts in plaster and other soft porous materials.
- Ideal for grinding precise plunge cuts in tight spaces.
- Recommended applications: Porous Concrete, Tile Grout, Plaster

SIZE mm	CODE	PACK Qty
32	IBOA640-1	1
64	IBOA610-1	1
79	IBOA620-1	1



OSCILLATING BLADES - SPECIALTY

IMPERIAL BLADES GRIT - TRIANGLE SANDPAPER

- Imperial Blades One Fit™ Oscillating Triangle Sandpaper
- Compatible with 3-1/8" oscillating multi-tool triangle sanding pad attachments
- Sandpaper includes holes to allow for dust collection through the sanding pad for multi-tools with vacuum attachments
- Recommended applications: Wood, Paint, Varnish

SIZE mm	GRIT	CODE	PACK Qty
89	60 Coarse / For aggressive stripping finishes or material	IBOTSPH60-5	5
89	80 Coarse / For stripping of finishes or surface imperfections	IBOTSPH80-5	5
89	120 Medium / For smoothing surfaces and removing scratches	IBOTSPH120-5	5
89	180 Fine / For smooth finishing by removing surface imperfections	IBOTSPH180-5	5
89	220 Fine / For smooth finishing and surface prep for staining or painting	IBOTSPH220-5	5



Wood



Paint



Varnish

IMPERIAL BLADES TRIANGLE SANDING PAD

- Imperial Blades One Fit™ Oscillating Triangle Sanding Pad
- Makes it quick and easy to change sandpaper due to the hook & loop backing
- Includes integrated dust ports to work with vacuum attachments
- Oscillating multi-tool attachment accessory for use with sandpaper
- Sandpaper sold separately

SIZE mm	CODE	PACK Qty
89	IBOATSP-1	1



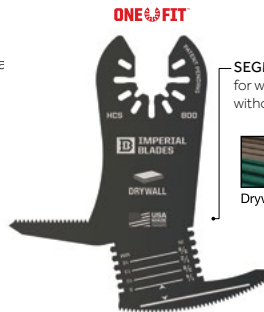
ONE FIT



IMPERIAL BLADES DRYWALL - 4 IN 1 BLADE

- Imperial Blades One Fit™ 4-IN-1 Features Drywall Blade
- Combines 4-in-1 Features for more versatility within one blade
- **Depth Gauges:** Increments reflect drywall thickness, and are designed to monitor depth of cuts
- **Dagger Blade:** Allows for detailed cuts, especially tight circular cuts
- **Shaver Notches:** Notches remove excess drywall for a better fit
- **Piercing Tips:** Initiate the cut for a clean start, along with push/pull cut capabilities
- Recommended applications: Drywall

SIZE mm	CODE	PACK Qty
64	IBOA800-1	1



ONE FIT

SEGMENT BLADE SHAPE
for working in corners and on edges without overcut



Drywall



IMPERIAL BLADES METAL/WOOD - VARIETY BLADE PACKS

- Imperial Blades One Fit™ Storm Titanium Metal/Wood Blades
- Storm Titanium Enhanced (TiN) coated blade for longest life, best performance
- Up to 30% longer life with TiN coated BiM blades vs non-TiN BiM blades in nail-embedded wood
- Recommended applications: Metal (Non-Ferrous), Wood & Nails, Copper Pipe, Wood, PVC

CONTENTS	CODE	PACK Qty
1x IBOAT340, 1x IBOAT336, 1x IBOAT330	IBOATV-3	3
2x IBOAT340, 2x IBOAT336, 2x IBOAT330, + Free Case	IBOATV-6	6

ONE FIT

UP TO 30%
LONGER LIFE

STORM
TITANIUM



Metal



Wood & Nails



Wood



PVC

IBOATV-3



IBOATV-6



IMPERIAL BLADES STANDARD MULTI-MATERIAL - VARIETY BLADE PACKS

- Imperial Blades One Fit™ Multi-material Blades
- Variety pack of standard wood and wood with nails blades
- Recommended applications: Wood & Nails, Copper Pipe, Wood, PVC

CONTENTS	CODE	PACK Qty
1x IBOA133, 1x IBOA250, 1x IBOA300	IBOAV1-3	3
1x IBOA200, 1x IBOA250, 4x Coarse Grit, 3x Medium Grit, 3x Fine Grit	IBOAV-14	14

ONE FIT



Copper Pipe



Wood & Nails



Wood



PVC

IBOAV1-3



IBOAV-14





IMPERIAL BLADES

OMT ANCHOR COMPATIBILITY



STARLOCK™

- Bosch® Starlock™
- Fein® MultiTalent™
- Fein® SuperCut™ (2016 to current models)
- Festool® Vecturo™ (2019 to current models)
- Milwaukee® Multi-Tool
- Ridgid® Multi-Tool
- Makita® Multi-Tool
- Rockwell® Sonicrafter™
- and more!

Also compatible with:

STARLOCK PLUS™

STARLOCK MAX™



IMPERIAL BLADES JAPANESE TOOTH HARDWOOD BLADE

- Imperial Blades Starlock™ Japanese Tooth Hardwood Blade
- Compatible with Starlock™ multi-tools: Bosch and Fein. Also fits non-Starlock multi-tools: Milwaukee, Ridgid, Makita, Rockwell and more!
- Double row of triple-ground Japanese toothting
- Specifically engineered for precise, clean cuts
- Recommended applications: Hardwood, Wood, PVC, Drywall
- Not designed for metal contact

SIZE mm	CODE	PACK Qty
35	IBSL220-1	1



IMPERIAL BLADES WOOD - STANDARD BLADE

- Imperial Blades Starlock™ Standard Wood Blade
- Compatible with Starlock™ multi-tools: Bosch and Fein. Also fits non-Starlock multi-tools: Milwaukee, Ridgid, Makita, Rockwell and more!
- Recommended applications: Wood, PVC, Drywall

SIZE mm	CODE	PACK Qty
35	IBSL200-1	1



IMPERIAL BLADES WOOD & NAILS - STANDARD BLADE

- Imperial Blades Starlock™ Standard Wood & Nails Blade Bi-Metal
- Features ETS (Every Tooth Set), an alternating tooth pattern ideal for fast and smooth cuts in nail-embedded wood and other non-ferrous metals
- Compatible with Starlock™ multi-tools: Bosch and Fein. Also fits non-Starlock multi-tools: Milwaukee, Ridgid, Makita, Rockwell and more!
- Recommended applications: Wood & Nails, Copper Pipe, Wood, PVC

SIZE mm	CODE	PACK Qty
35	IBSL300-1	1



OSCILLATING BLADES - STARLOCK

IMPERIAL BLADES METAL/WOOD - STANDARD BLADE

- Imperial Blades Starlock™ Multi-Material Metal/Wood Blade
- Compatible with Starlock™ multi-tools: Bosch and Fein. Also fits non-Starlock multi-tools: Milwaukee, Ridgid, Makita, Rockwell and more!
- Wavy tooth pattern reduces strain on individual teeth for a superior cut in a wide variety of non-ferrous metal profiles
- Recommended applications: Metal (Non-Ferrous), Wood & Nails, Wood, PVC

SIZE mm	CODE	PACK Qty
44	IBSL340-1	1

STARLOCK



WAVY TOOTH PATTERN
reduces strain on individual teeth for superior cuts



Metal



Wood & Nails



Wood



PVC



IMPERIAL BLADES STANDARD ALL PURPOSE - VARIETY BLADE PACK

- Imperial Blades Starlock™ Standard All-Purpose blades
- Variety pack of standard hardwood, wood with nails, and multi-material blades
- Compatible with Starlock™ multi-tools: Bosch and Fein. Also fits non-Starlock multi-tools: Milwaukee, Ridgid, Makita, Rockwell and more!
- Recommended applications: Metal (Non-Ferrous), Wood & Nails, Copper Pipe, Hardwood, Wood, PVC

CONTENTS	CODE	PACK Qty
1x IBSL300, 1x IBSL340 (1), 1x IBSL220	IBSLV-3	3

STARLOCK



Copper Pipe



Wood & Nails



Metal



Hardwood

IBSLV-3





POWER TOOLS / MACHINES 175

MAGNETIC DRILLS	176
SHARPENING MACHINES	195
DIE GRINDERS	196
BEVELLING MACHINES	197
SAWING MACHINES	199

■ EUROBOOR ECO.30

Due to its compact size the ECO.30 is the ideal machine to drill holes in small spaces. The ECO.30 measures barely 27,5 cm long and weighs only 8,5 kg. With its 900 W power the ECO.30 cuts holes between \varnothing 12 and 30 mm easily and quickly.

World's lightest
 \varnothing 30mm
 Magnetic Drill!
 Only 8,5 kg

Features:

- Extremely light
- Most compact in class
- Incredibly easy to handle
- Direct spindle drive and integrated tool cooling and lubrication
- One-speed gearbox
- Reversible handles enable to change the operation side of the feed handles in confined spaces
- Safe and powerful



► ECO.30 is ideal for:

- Small fabrication jobs
- All day use through the workshop
- Drilling tasks at location
- Quick preparation

TECHNICAL DATA

Annular cutters	\varnothing 12 - 30 mm
Twist drills*	\varnothing 13 mm (Weldon)
Countersinking	\varnothing up to 35 mm
Length	275 mm
Width	190 mm
Height	293 - 383 mm
Stroke	90 mm
Weight	8,5 kg
Magnet (l x w x h)	160 x 80 x 37 mm
Magnetic force	1200 kg
Motor power	900 W
Total power	950 W
Speed (no load)	775 min ⁻¹
Speed (load 900 W)	400 min ⁻¹
Spindle (Weldon)	3/4" (19,05 mm)
Voltage	110V/220V - 50/60 Hz

*With Weldon shank twist drills.



- Integrated slide and gearbox provides a number of benefits:
 - High accuracy
 - Sturdy design increases machine life
 - Minimal vibration
- Ergonomic anti fatigue grip
- Strong dual coil CNC machined magnet
- High precision height adjustment:
 - Low maintenance
 - Minimal wear correction
- Delivered fully equipped in a sturdy and organized suitcase

■ EUROBOOR ECO-TUBE.30

The ECO-TUBE.30 with patented shallow-field magnetic technology that offers incredibly strong grip, even on steel as thin as 3mm. Also, the patent-pending base automatically pivots to conform to any pipe \varnothing 75mm or larger. The magnets do not require electricity, so all the power goes to the motor. This also offers increased safety as the tool will not release from the target material in the event of an unintentional power loss. With its 900 W power the ECO-TUBE.30 cuts holes between \varnothing 12 and 30 mm easily and quickly.

Features:

- No electricity required for magnetic base
- Unique flexible features for pipes of various sizes
- No special attachments needed for flat or curved surfaces
- Highly stable wide stance
- Easy to handle
- Direct spindle drive
- Magnets allow the machine to swing away for hole inspection or debris removal while keeping position

Adjustable magnets
for the best position
on round and flat
surfaces



► ECO-TUBE.30 is ideal for:

- Pipe drilling applications
- Drilling on thin steel plates
- All day use through the workshop

TECHNICAL DATA

Annular cutters	\varnothing 12 - 30 mm
Twist drills	\varnothing 13 mm (Weldon)
Countersinking	\varnothing up to 35 mm
Length	275 mm
Width	185 mm
Height	326 - 416 mm
Stroke	90 mm
Weight	11 kg
Magnet (l x w x h)	187 x 165 x 83 mm
Magnetic force	532 kg
Motor power	900 W
Total power	950 W
Speed (no load)	775 min ⁻¹
Speed (load 900 W)	400 min ⁻¹
Spindle (Weldon)	3/4" (19.05 mm)
Voltage	110V/220V - 50/60 Hz

*With Weldon shank twist drills.



- Powerful hold on a wide range of steel thickness, curved and flat
- Integrated slide and gearbox
- Ergonomic feed handle
- High accuracy capstan hub
- Ergonomic anti fatigue grip
- High precision height adjustment: Low maintenance, minimal wear correction
- Lubrication bottle with overpressure system
- Safe. No loss of magnetic grip due to unintentional power loss

■ EUROBOOR ECO.32

The ECO.32 has been the best selling magnetic drilling machine in recent years. The efficient basic model is equipped with an eager single speed motor.

The best selling
Magnetic Drill
in the industry!

Features:

- Single speed gearbox
- Compact design
- Detachable spindle
- Practical long stroke
- Clear and easy controls
- Fits a 1/2" chuck with adaptor*

*Sold separately.

► ECO.32 is ideal for:

- Small scale "Do it all" drilling applications
- Tasks where performance and reliability matters
- All-day use throughout the workshop

TECHNICAL DATA

Annular cutters	Ø 12 - 32 mm
Twist drills	Ø 1 - 13 mm
Countersinking	Ø up to 40 mm
Length	320 mm
Threading	M3 - M20
Width	210 mm
Height	370 - 512 mm
Stroke	150 mm
Weight	12 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1500 kg
Motor power	1000 W
Total power	1050 W
Speed (no load)	775 min ⁻¹
Speed (load 1000 W)	400 min ⁻¹
Spindle (Weldon)	3/4" (19,05 mm)
Voltage	110-120 / 220-240 V / 50-60 Hz



- Integrated slide and gearbox provides a number of benefits:
 - High accuracy
 - Sturdy design increases machine life
 - Minimal vibration
- Ergonomic anti fatigue grip
- High precision height adjustment:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet
- Integrated tool cooling

■ EUROBOOR **ECO.32T**

Need to drill a 32mm hole and tap a 12 mm hole at a great height?

The ECO.32-T is designed to complete your tailor-made work at all workplaces. Suitable for both drilling and tapping.

This portable magnetic core drilling machine is suitable for the use with Weldon twist drills up to \varnothing 13 mm and countersinks up to 40 mm.

The best all-round
Drill & tap machine
in its range!

Features:

- Single speed gearbox
- Compact design
- Detachable spindle drive
- Practical long stroke
- Clear and easy controls
- Left & right rotation
- Electronically adjustable rotating speed
- Fits a 1/2" chuck with adaptor*

*Sold separately.



► **ECO.32T is ideal for:**

- Drilling and tapping with one machine
- Variable speed & reverse gear box
- Small scale fabrication

TECHNICAL DATA

Annular cutters	\varnothing 12 - 32 mm
Twist drills	\varnothing 1 - 13 mm
Countersinking	\varnothing up to 40 mm
Threading	M3 - M12
Length	320 mm
Width	210 mm
Height	370 - 512 mm
Stroke	150 mm
Weight	12,6 kg
Magnet (l x w x h)	160 x 80 x 48 mm
Magnetic force	1500 kg
Motor power	1000 W
Total power	1050 W
Speed (no load)	100 - 600 min ⁻¹
Speed (load 1000 W)	225 min ⁻¹
Spindle (Weldon)	3/4" (19,05 mm)
Voltage	110-120 / 220-240 V / 50-60 Hz

- Integrated slide and gearbox provides a number of benefits:
 - High accuracy
 - Sturdy design increases machine life
 - Minimal vibration
- Ergonomic anti fatigue grip
- High precision height adjustment:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet
- Integrated tool cooling

■ EUROBOOR EBM.36/P-18V

Say goodbye to the limitations of cables and cords, and experience the freedom of mobility and versatility with the state-of-the-art **Euroboor Battery Machines (EBM)**.

Designed with portability in mind, our EBM series are compact, lightweight and easy to transport. Plus, with no cords to worry about, you can work more efficiently and safely even on hard-to-reach places.

The EBM series are compatible with the Makita platform, so you can use the same battery on different cordless tools.

Features:

- Powerful Rechargeable Battery
- Unlimited mobility. Independent of a power-connection, the machine can be used at any location.
- Compact design
- Lightweight
- Permanent magnet
- Brushless Motor

- ▶ **EBM.36/P-18V is ideal for:**
 - Various metalworking applications.
 - All common metal drilling jobs.
 - Drilling holes into a wide range of materials, including steel, stainless steel and other metals.

Meet the ultimate mobile Magnetic Drilling Machine!



TECHNICAL DATA

Annular cutters	Ø 12 - 36 mm
Twist drills	Ø 1 - 13 mm
Countersinking	Ø up to 40 mm
Length	325 mm
Width	235 mm
Height	370 - 410 mm
Stroke	140 mm
Weight	10.2 kg (without handles)
Magnet (l x w x h)	157 x 85 x 45 mm
Magnetic force	650 kg
Motor power	1000 W DC
Total power	1000 W DC
Speed (no load)	530 min ⁻¹
Speed (load 1300 W)	430 min ⁻¹
Spindle (Weldon)	3/4" (19.05 mm)
Battery Capacity	18V 9Ah Li-Ion

- Powered by a high capacity, rechargeable battery:
 - Provides unparalleled convenience
 - Can be used at any location
 - Deliver maximum power and runtime
- Compatible with the Makita Platform:
 - Saves money
 - Gives the advantage to work on projects without interruptions
- Sophisticated design:
 - The drill fits easily into a toolbox or a larger tool case.
- Permanent magnet, safer to use, longer lifetime, energy-efficient and suitable for thin materials

■ EUROBOOR ECO.36

The Euroboor ECO.36+ magnetic core drilling machine is the lowest drilling machine in the market, measuring only 165 mm (6 1/2") height. This magnetic core drilling machine is perfect for drilling in spaces with limited heights such as H-beams, steel structures, plates, profiles, etc. The portable ECO.36+ is equipped with innovative electronics which offer more safety, significantly reduce the risk of damage of the machine, tool and workpiece and protects the user in case of excessive vibrations or sudden displacement. The lifespan is considerably longer and you avoid high maintenance costs.

The lowest
Magnetic Drill
on the market!



Features:

- Single speed gearbox
- Compact design
- Detachable spindle
- Practical long stroke
- Clear and easy controls
- Fits a 1/2" chuck with adaptor*

*Sold separately.



► ECO.36 is ideal for:

- Small scale fabrication
- Light weight and portable
- Drilling in tight confined spaces

TECHNICAL DATA

Annular cutters	Ø 36 mm
Max. cutting depth	35 mm
Twist drills	Ø 14 mm (Weldon)
Countersinking	Ø 40 mm
Length	310 mm
Width	135 mm
Height	165 mm
Stroke	40 mm
Weight	10.3 kg
Magnet (l x w x h)	80 x 160 mm
Magnetic force	1200 kg
Motor power	1050 W
In-corner drilling	0°: 50mm / 90°: 53mm 45°: 60mm
Speed (no load)	700 min ⁻¹
Speed (load 1050 W)	400 min ⁻¹
Spindle (Weldon)	3/4" weldon (19,05 mm)
Voltage	110V/220V - 50/60 Hz

- Integrated slide and gearbox provides a number of benefits:
 - High accuracy
 - Sturdy design increases machine life
 - Minimal vibration
- Ergonomic anti fatigue grip
- High precision height adjustment:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet
- Integrated tool cooling

■ EUROBOOR ECO.40S

Our portable ECO.40S magnetic core drilling machine has a powerful 1150 W (10.5 A) high efficiency motor, with less heat generation and thus a longer lifespan. This drilling machine's oil lubricated one-speed gearbox ensures optimal motor efficiency and lifetime of key components.

The lightest 40mm
Magnetic Drill
in the market!

Features:

- Fits cutters up to 110 mm DoC
- High efficiency motor with less heat generation
- High accuracy capstan hub
- Direct spindle drive
- Integrated tool cooling and lubrication
- Strong dual coil CNC machined 2-way magnet
- Reversible handles enables to change the operation side of the feed handles in confined spaces

► ECO.40S is ideal for:

- Jobs where twist drilling is essential
- Big scale fabrication

TECHNICAL DATA

Annular cutters	Ø 12 - 40 mm
Twist drills*	Ø 6 - 14 mm
Countersinking	Ø up to 45 mm
Length	264 mm
Width	180 mm
Height	360 - 440 mm
Stroke	145 mm
Weight	11.2 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1500 kg
Motor power	1150 W
Speed (no load)	(l) 600 min ⁻¹
Speed (load 1000 W)	(l) 380 min ⁻¹
Spindle (Weldon)	3/4" (19,05 mm)
Voltage	110-120 V / 220-240 V / 50-60 Hz

*With Weldon shank twist drills.



- Integrated slide and gearbox provides a number of benefits:
 - High accuracy
 - Sturdy design increases machine life
 - Minimal vibration
- Usability - clear and easy to use controls
- Ergonomic soft grip feed handle
- One speed oil lubricated gear box
- High precision height adjustment:
 - Low maintenance
 - Minimal wear correction

■ EUROBOOR **ECO.40/2**

With a touch of overcapacity, working is even more fun. The ECO.40 magnetic drilling machine has a powerful motor and can be mechanically adjusted to two rotational speeds. Higher spindle speed makes this machine particularly suitable for both annular cutting and twist drilling.

High speed gearing
specially designed
for twist drilling

Features:

- 2-speed gearbox
- Compact design
- Detachable spindle
- Integrated tool cooling and lubrication
- Practical long stroke
- Clear and easy use controls
- Strong dual coil CNC machined 2-way magnet
- Fits a 1/2" chuck with adaptor*

*Sold separately.



► ECO.40/2 is ideal for:

- Jobs where twist drilling is essential
- All-day use throughout the workshop



TECHNICAL DATA	
Annular cutters	Ø 12 - 40 mm
Twist drills	Ø 1 - 13 mm
Countersinking	Ø up to 45 mm
Length	320 mm
Width	210 mm
Height	395 - 540 mm
Stroke	150 mm
Weight	12 kg
Magnet (l x w x h)	160 x 80 x 42 mm
Magnetic force	1500 kg
Motor power	1050 W
Total power	1100 W
Speed (no load)	(I) 775 min ⁻¹ (II) 1300 min ⁻¹
Speed (load 1000 W)	(I) 315 min ⁻¹ (II) 560 min ⁻¹
Spindle (Weldon)	3/4" (19,05 mm)
Voltage	110-120 / 220-240 V / 50-60 Hz

- Integrated slide and gearbox provides a number of benefits:
 - High accuracy
 - Sturdy design increases machine life
 - Minimal vibration
- High efficiency motor results in longer lifespan
- High precision height adjustment:
 - Low maintenance
 - Minimal wear correction
- Ergonomic soft grip feed handle
- One speed oil lubricated gear box

■ EUROBOOR ECO.50S

Maximum power converted into the new 2 speed oil filled synchronized gearbox, which improves the motor efficiency and lifetime of key components.

The one piece gearbox-in-slide design ensures stable support, faster drilling times and more accurate hole sizing.

The newly designed handles offer the operator more comfort, where the new internal handle support bearing ensures direct-feed travel.

Features:

- High precision slide & rail construction
- Integrated oil bath gearbox
- Morse Taper 3 Spindle
- Practical long stroke
- 2-speed gearbox

► ECO.50S is ideal for:

- Small to large fabrication jobs
- Tasks where performance and reliability matters
- All-day use throughout the workshop

The most reliable
mag drill on the market



TECHNICAL DATA

Annular cutters	Ø 12 - 50 mm
Twist drills	Ø 1 - 23 mm
Countersinking	Ø up to 55 mm
Length	520 mm
Width	200 mm
Height	445 - 615 mm
Stroke	170 mm
Weight	11,2 kg
Magnet (l x w x h)	168 x 84 x 42 mm
Magnetic force	1700 kg
Motor power	1250 W
Total power	1300 W
Speed (no load)	(I) 315 min ⁻¹ (II) 690 min ⁻¹
Speed (load 1250 W)	(I) 235 min ⁻¹ (II) 425 min ⁻¹
Spindle (Weldon)	MT3 3/4" (19,05 mm)
Voltage	110/220 V - 50/60 Hz

- Integrated slide and gearbox system
- Ergonomic feed handle
- High accuracy capstan hub
- High precision height adjustment
- Strong dual coil CNC machined magnet
- Clear and easy controls
- Morse Taper 3 spindle
- Integrated tool cooling
- 2-speed oil lubricated gearbox

■ EUROBOOR ECO.50+/T

Our ECO.50+/T magnetic core drilling machine is suitable for both drilling and tapping.

The Euroboor ECO.50+/T with Morse Taper 2 spindle is equipped with innovative electronics which offer more safety, significantly reduce the risk of damage of the machine, tool and workpiece and protects the user in case of excessive vibrations or sudden displacement. The lifespan is considerably longer and you avoid high maintenance costs.

Features:

- 2-speed gearbox
- Adjustable speed and R&L rotation
- High efficiency motor with less heath generation
- High accuracy capstan hub
- Direct spindle drive
- Integrated tool cooling and lubrication
- Strong dual coil CNC machined 2-way magnet
- Reversible handles enables to change the operation side of the feed handles in confined spaces

► ECO.50+/T is ideal for:

- Drilling and tapping with one machine
- Small to large fabrication jobs

TECHNICAL DATA

Annular cutters	Ø 12 - 50 mm
Twist drills	Ø 1 - 23 mm
Countersinking	Ø up to 55 mm
Tapping	M3 - M20
Length	320 mm
Width	210 mm
Height	385 - 540 mm
Stroke	170 mm
Weight	13.5kg
Magnet (l x w x h)	170 x 85 x 48 mm
Magnetic force	1850 kg
Motor power	1250 W
Total power	1375 W
Speed (no load)	(I) 100 min ⁻¹ - 280 min ⁻¹ (II) 185 min ⁻¹ - 530 min ⁻¹
Speed (load 1250 W)	(I) 250 min ⁻¹ (II) 460 min ⁻¹
Spindle (Weldon)	MT2 3/4" (19,05 mm)
Voltage	110-120 / 220-240 V / 50-60Hz

Equipped with innovative electronics for increased safety



- Particularly suitable for tapping
- Morse Taper 2 spindle with integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement

■ EUROBOOR VAC.50S+

With the new Euroboor VAC.50s+ drilling machine the possibilities are endless.

This revolutionary machine for annular cutting and drilling is especially made for horizontal application on non-magnetic surfaces.

It actually sticks to almost all smooth surfaces (such as aluminium, stainless steel, plastics, composites, brass, bronze, zinc, lead or even copper) by using unique vacuum technology.

The powerful motor with oil-lubricated gearbox ensures that you can drill energy-efficiently, more smoothly and faster with a maximum drill diameter of 50 mm.

Features:

- Vacuum Technology
- Especially made for non-magnetic surfaces
- Two-speed oil lubricated gearbox
- Carbon brush wear indicator

► VAC.50S+ is ideal for:

- Drilling non-magnetic surfaces
- Small to large fabrication jobs

Push the limits and see what the VAC.50S+ can do. Innovation is here!



TECHNICAL DATA

Annular cutters	Ø 12 - 30 mm (steel & hard metals) Ø 12 - 50 mm (other metals & plastics)
Length	430 mm
Width	200 mm
Height	442 - 590 mm
Stroke	170 mm
Weight	9.9kg
Vacuum base (l x w x h)	300 x 140 x 21 mm
Adsorption force	300kg
Vacuum motor (integrated)	• Air flow: 15 L/min • Gauge pressure: -80 kPa • Power: 12W • Voltage: 12V
Motor power	1250 W
Total power	1300 W
Speed (no load)	(I) 380 rpm (II) 690 rpm
Speed (load 1250 W)	(I) 235 rpm (II) 415 rpm
Spindle (Weldon)	MT3 (19,05 mm)
Voltage	110-120 / 220-240 V / 50-60 Hz

- Vacuum LED indicator
- Automatic shut-off
- Power surge protection
- Vacu-Tec air pressure safety functionality
- Integrated motor cable

■ EUROBOOR ECO.55S +/T

The Euroboor ECO.55S+/T magnetic core drilling machine not only benefits from Smart Restart technology as well as a digital display showing the ideal working load but also has an oil lubricated gearbox and innovative electronics which offer more safety, significantly reduce the risk of damage of the machine, tool and workpiece and protects the user in case of excessive vibrations or sudden displacement. The lifespan is considerably longer and you avoid high maintenance costs.

Safer and Smarter technology that finds the ideal workload for you.

Features:

- Two-speed oil lubricated gearbox
- Digital display showing ideal power usage
- Smart Restart technology
- Right/left rotating functionality
- Electronic speed adjustment
- Easily accessible carbon brushes. Motor will automatically shut-off in case of replacement
- High-accuracy capstan hub
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- LED load indicators

► ECO.55S+/T is ideal for:

- Drilling and tapping with one machine
- Big scale fabrication

TECHNICAL DATA

Annular cutters	Ø 12 - 55 mm
Twist drills	Ø 1 - 23 mm
Countersinking	Ø up to 60 mm
Tapping	M3 - M20
Length	320 mm
Width	200 mm
Height	490 - 660 mm
Stroke	170 mm
Weight	12.9kg
Magnet (l x w x h)	168 x 84 x 49 mm
Magnetic force	1850 kg
Motor power	1600 W
Total power	1700 W
Speed (no load)	(I) 60 - 275 rpm (II) 100 - 275 rpm
Speed (load 1600 W)	(I) 60 - 275 rpm (II) 100 - 275 rpm
Spindle (Weldon)	MT3 3/4" (19,05 mm)
Voltage	110-120 / 220-240 V / 50-60 Hz

- Particularly suitable for tapping
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction

- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement



■ EUROBOOR TUBE.55S/T

The portable Euroboor TUBE.55S/T magnetic core drilling machine is suitable for both flat and pipe material and for both drilling and tapping.

The magnet of this magnetic core drilling machine offers incredibly strong grip, even on steel as thin as 3 mm. This magnetic core drilling machine cuts holes in metal up to 55 mm and can be used on tube material with a diameter of 80mm and larger without any effort because of its pivoting magnet.

The TUBE.55S/T benefits from Smart Restart technology, a digital display showing the ideal working load and automatic motor shut-off when displacement in any direction is detected by the GYRO-TEC sensor.

Features:

- High precision slide & rail construction
- Overheat and Overload protections
- Digital display showing ideal working load
- Right/left rotating functionality
- Two-speed oil lubricated gearbox

► TUBE.55S/T is ideal for:

- Big scale fabrication jobs
- Tasks where performance and reliability matters
- Particularly suitable for tapping

TECHNICAL DATA

Annular cutters	Ø 12 - 55 mm
Twist drills	Ø 1 - 23 mm
Countersinking	Ø up to 60 mm
Tapping	M3 - M20
Length	320 mm
Width	210 mm
Height	523 - 693 mm
Stroke	170 mm
Weight	16 kg
Magnet (l x w x h)	266 x 239 x 82 mm
Magnetic force	860 kg
Min. Material thickness	3 mm
Min. pipe diameter	80 mm
Motor power	1600 W
Total power	1700 W
Speed (no load)	(I) 60 - 275 rpm (II) 100 - 500 rpm
Speed (load 1600 W)	(I) 60 - 275 rpm (II) 100 - 500 rpm
Spindle (Weldon)	MT3 3/4" (19.05 mm)
Voltage	110/240 V - 50/60 Hz

The one solution for magnetic pipe drilling and tapping



- The magnets can be adjusted for the best position on round and flat surfaces
- Particularly suitable for tapping
- Easily accessible carbon brushes. Motor will automatically shut-off in case of replacement
- High-accuracy capstan hub
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Two-speed oil lubricated gearbox
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction

■ EUROBOOR ECO.80S+

Thanks to its four-speed oil lubricated gearbox our portable Euroboor ECO.80S+ magnetic core drilling machine is able to tackle twist drilling tasks just as easily as big diameter annular cutter challenges.

The innovative electronics in this magnetic core drilling machine offer more safety, significantly reduce the risk of damage of the machine, tool and workpiece and protects the user in case of excessive vibrations or sudden displacement. The lifespan is considerably longer and you avoid high maintenance costs.

Four-speed power for twist drilling and 80mm wide annular cutters

Features:

- Four-speed oil lubricated gearbox
- Overheat and Overload protections
- Twist drilling and big diameter cutters



► ECO.80S+ is ideal for:

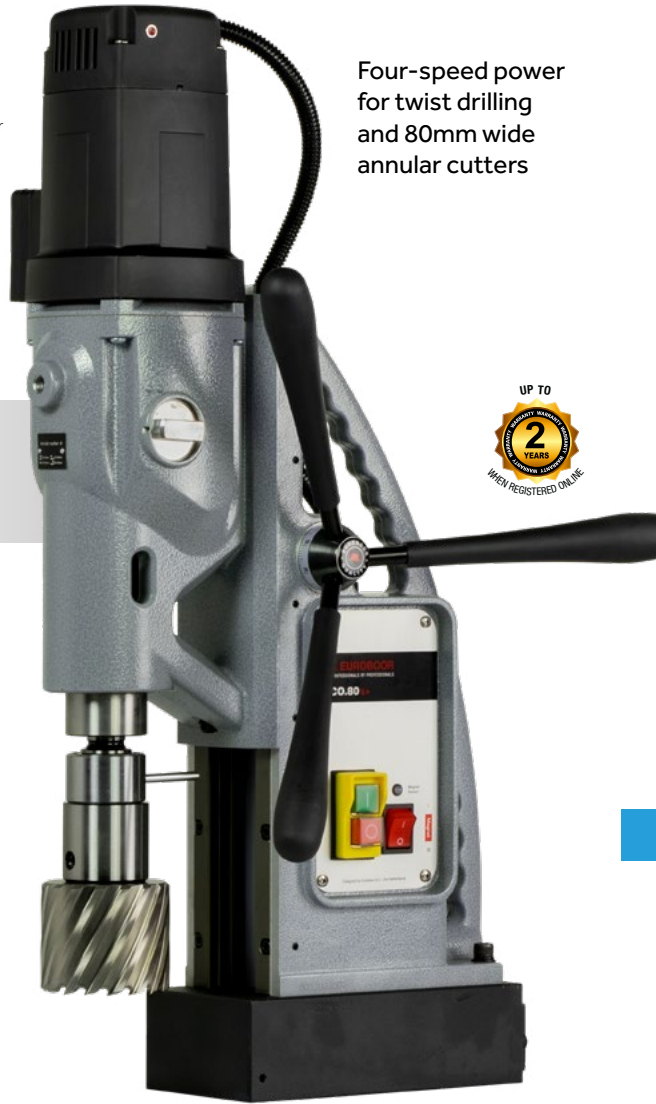
- Heavy scale fabrication jobs
- Tasks where performance and reliability matters
- Particularly suitable for tapping

TECHNICAL DATA

Annular cutters	Ø 12 - 80 mm
Twist drills	Ø 1 - 31.75 mm
Countersinking	Ø up to 85 mm
Length	365 mm
Width	310 mm
Height	510 - 710 mm
Stroke	260 mm
Weight	27.3 kg
Magnet (l x w x h)	220 x 110 x 64 mm
Magnetic force	3000 kg
Motor power	1700 W
Total power	1800 W
Speed (no load)	(I) 200 rpm - (II) 300 rpm (III) 415 rpm - (IV) 650 rpm
Speed (load 1700 W)	(I) 150 rpm - (II) 200 rpm (III) 275 rpm - (IV) 400 rpm
Spindle (Weldon)	MT3 3/4" (19.05 mm)
Voltage	110/240 V - 50/60 Hz

- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Strong dual coil CNC machined 2-way magnet, causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality

- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement



■ EUROBOOR ECO.100S+/T

This magnetic core drilling machine has an extremely powerful 1.900 W motor with an oil lubricated four-speed gearbox and innovative electronics which offer more safety, significantly reduce the risk of damage of the machine, tool and workpiece and protects the user in case of excessive vibrations or sudden displacement. The Euroboor ECO.100S+/T magnetic core drilling machine cuts holes up to \varnothing 100 mm and is particularly suitable for tapping. The lifespan is considerably longer and you avoid high maintenance costs.

Features:

- Particularly suitable for tapping
- Four-speed oil lubricated gearbox
- Adjustable speed
- Torque control on motor house
- Overheat and Overload protections
- Right/left rotating functionality
- Electronic speed adjustment
- Torque control on motor house
- Carbon brush wear indicator & automatic shut-off



► ECO.100S+/T is ideal for:

- Drilling and tapping with one machine
- Heavy scale fabrication

- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet, causing the machine to use less energy, generate less heat and therefore lasts longer
- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement

TECHNICAL DATA

Annular cutters	\varnothing 12 - 100 mm
Twist drills	\varnothing 1 - 31.75 mm
Countersinking	\varnothing up to 105 mm
Tapping	M3 - M30
Length	365 mm
Width	310 mm
Height	510 - 710 mm
Stroke	260 mm
Weight	27.8kg
Magnet (l x w x h)	220 x 110 x 64 mm
Magnetic force	3000 kg
Motor power	1900 W
Total power	2050 W
Speed (no load)	(I) 42 - 110 rpm
	(II) 65 - 190 rpm
	(III) 140 - 400 rpm
	(IV) 220 - 620 rpm
Speed (load 1900 W)	(I) 85 rpm - (II) 152 rpm
	(III) 270 rpm - (IV) 480 rpm
Spindle (Weldon)	MT3 3/4" (19.05 mm)
Voltage	110-120 / 220-240 V / 50-60 Hz

■ EUROBOOR ECO.100S+/TD

The portable Euroboor ECO.100S+/TD magnetic core drilling machine has a unique swivel base, which allows the magnet to rotate 30° both ways and slide 15 – 20 mm forwards and backwards. This magnetic core drilling machine cuts holes up to ø 100 mm and is particularly suitable for tapping. It not only benefits from an oil lubricated gearbox, but also from innovative electronics which offer more safety, significantly reduce the risk of damage of the machine, tool and workpiece and protects the user in case of excessive vibrations or sudden displacement. The lifespan is considerably longer and you avoid high maintenance costs.

Unique swivel base for 30° left/right rotation, and up to 20mm forth and back sliding.

Features:

- Precise positioning swivel base, rotate the machine 30° both ways and slide 15-20 mm forward and backwards
- Particularly suitable for tapping
- Four-speed oil lubricated gearbox
- Electronic speed adjustment
- Torque control on motor house
- Overheat and Overload protections
- Right/left rotating functionality



► ECO.100S+/TD is ideal for:

- Drilling and tapping with one machine
- Heavy scale fabrication

TECHNICAL DATA

Annular cutters	Ø 12 - 100 mm	
Twist drills	Ø 1 - 31.75 mm	
Countersinking	Ø up to 105 mm	
Threading	M3 - M30	
Length	365 mm	
Width	310 mm	
Height	515 - 715 mm	
Stroke	260 mm	
Weight	31 kg	
Magnet (l x w x h)	220 x 110 x 64 mm	
Magnetic force	3000 kg	
Motor power	1900 W	
Total power	2050 W	
Speed (no load)	(I) 42 - 110 rpm	
	(II) 65 - 190 rpm	
	(III) 140 - 400 rpm	
	(IV) 220 - 620 rpm	
Speed (load 1900 W)	(I) 85 rpm - (II) 152 rpm	
	(III) 270 rpm - (IV) 480 rpm	
	Spindle (Weldon) MT3 3/4" (19,05 mm)	
	Voltage 110-120 / 220-240 V / 50-60 Hz	

- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined 2-way magnet, causing the machine to use less energy, generate less heat and therefore lasts longer

- Reduced risk of damaging machine, tools and workpiece and hurting operator
- Suitable for use in areas and workplaces where power supply is of less quality
- Reduced risk of armature damage
- Reduced risk of control unit(s) damage
- Timely service notification to avoid additional cost by unexpected downtime or unnecessary part replacement

MAGNETIC DRILLS

■ EUROBOOR ECO.200

Our Euroboor ECO.200 magnetic core drilling machine is the ultimate machine for heavy scale fabrication.

The extremely powerful 3,600 W motor, magnetic force of 3,900 kg and Morse Taper 4 spindle make sure you drill holes up to \varnothing 200 mm with ease.

This exceptional magnetic core drilling machine is the solution for any challenging job on site.

Features:

- Two-speed gearbox
- Integrated tool cooling and lubrication tank
- Fluid level indication
- Integrated safety strap and lifting shackle
- Powerful motor of 3600W



► ECO.200 is ideal for:

- Drilling and tapping with one machine
- Heavy scale fabrication

TECHNICAL DATA

Annular cutters	\varnothing 12 - 200 mm
Twist drills	\varnothing 1 - 44 mm
Countersinking	\varnothing up to 205 mm
Length	480 mm
Width	260 mm
Height	660 - 840 mm
Stroke	180 mm
Weight	53kg
Magnet (l x w x h)	330 x 110 x 63 mm
Magnetic force	3900 kg
Motor power	3600 W
Total power	3800 W
Speed (no load)	(I) 70 - 150 rpm (II) 170 - 410 rpm
Speed (load 3600 W)	(I) 70 - 150 rpm (II) 170 - 410 rpm
Spindle (Weldon)	MT 4 1 1/4" (31.75 mm)
Voltage	110-120 / 220-240 V / 50-60 Hz

Extreme power
to drill 200mm holes
with ease.



- Detachable Morse Taper 4 spindle with integrated tool cooling and lubrication
- Strong triple coil CNC machined magnet
- High-precision tubular rail balancer system
- Progressive feed assist
- Easy controls
- Sturdy fixings

EUROBOOR AIR.55

The portable Euroboor AIR.55 pneumatic drilling machine is equipped with an air-powered, spark-free motor and a non-electric, permanent magnet base.

Connected to a compressor, it can be used for drilling on flat workpieces where electrical machines are less convenient or not allowed, especially in areas and spaces with potentially explosive atmospheres, such as offshore and petrochemical industries, as well as mining.

Explosion-safe and spark-free motor for safe drilling in dangerous environments.

Features:

- Single operation knob for magnet and motor with 'deadman's' control
- Also available with permanent tube magnet for both pipe and flat material

Magnet Features:

- Permanent, non-electric monobloc magnet system
- No loss of magnetic grip in case of electric power cuts or fluctuations
- Powerful hold, even on thinner steel thicknesses



- ▶ AIR.55 is ideal for:
 - Drilling in hazard areas



TECHNICAL DATA

Annular cutters	Ø 12 - 52 mm (HSS) Ø 12 - 55 mm (TCT)
Twist drills	Ø 1 - 23mm
Countersinking	Ø 12 - 55 mm
Length	380 mm
Width	245 mm
Height	615 - 705 mm
Stroke	167 mm
Weight	16.5 kg
Magnet (l x w x h)	183 x 100 x 55 mm
Magnetic force	900 kg
Motor power	1900 W
Total power	2050 W
Speed (no load)	380 rpm
Power source	Air, min. 6.3 bar, max. 8 bar. Consumption 1.1 m ³ /min
Spindle (Weldon)	MT3 3/4" (19,05 mm)

- Air-powered motor system
- Powerful, spark-free, explosion-safe motor
- Large 167 mm stroke
- Automatic, integrated lubrication and cooling system
- Anti-static construction
- Safety guard

■ EUROBOOR RAIL.40S

The Euroboor RAIL.40S rail drilling machine is specifically designed for drilling in rails. Our electric rail drilling machine is available in various rail adapter versions, ensuring you can always choose the right rail adapter for your drilling job. This machine is suitable for drilling holes up to 36 mm. Our portable RAIL.40S rail drilling machine has a powerful 1,150 W high efficiency motor, with less heat generation and thus a longer lifespan. Our RAIL.40S rail drilling machine comes with six different rail adapter versions: S49, S54, TR68, UIC50, UIC54 and UIC60.

Features:

- Suitable for processing rails
- High-accuracy capstan hub
- Direct spindle drive
- One-speed oil lubricated gearbox
- High-efficiency motor with less heat generation



TECHNICAL DATA

Annular cutters	Ø 12 - 36 mm
Length	230 mm
Width	180 mm
Height	495 - 610 mm
Stroke	155 mm
Weight	12 kg
Motor power	1150 W
Total power	1200 W
Speed (no load)	600 rpm
Speed (load 1150W)	380 rpm
Spindle (Weldon)	19.05 mm
Voltage	220-240 V / 50-60 Hz

- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction

■ EUROBOOR RAIL.60S

The Euroboor RAIL.60S rail drilling machine is available with various rail adapter versions. This means there is always a version suitable for the rail type of your drilling job. Our rail track drilling machine has a powerful 1,600 W motor, with overheat protection, which allows the portable industrial rail drilling machine to drill holes up to 36 mm. The optimized slide makes drilling with the RAIL.60S easy and more precise. Our RAIL.60S rail drilling machine comes with six different rail adapter versions: S49, S54, TR68, UIC50, UIC54 and UIC60.

Features:

- Suitable for processing rails
- High-accuracy capstan hub
- Morse Taper 3 spindle
- Two-speed oil lubricated gearbox
- Overheat protection



TECHNICAL DATA

Annular cutters	Ø 12 - 36 mm
Length	262 mm
Width	130 mm
Height	597 - 747 mm
Stroke	170 mm
Weight	14.4 kg
Motor power	1600 W
Total power	1700 W
Speed (no load)	(I) 60 - 275 rpm (II) 100 - 500 rpm
Speed (load 1600W)	(I) 60 - 275 rpm (II) 100 - 500 rpm
Spindle (Weldon)	MT3 19.05 mm
Voltage	220-240 V / 50-60 Hz

- Integrated slide for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High-precision height adjustment for:
 - Low maintenance
 - Minimal wear correction

■ **EUROBOOR ERM.100/3 - SHARPENING MACHINE**

The Euroboor ERM.100/3 sharpening machine sharpens HSS cutters between \varnothing 12 mm (1/2") and 44 mm (1 3/4") in cutting depths between 25 mm (1") and 55 mm (2 3/16") with great ease. The laser guided cutter alignment ensures correct positioning of the cutting edge to the wheel where the easy angle adjustments makes alignment to the original geometry easy and simple.



Features:

- For HSS cutters from \varnothing 12 – 44 mm
- For HSS cutters in cutting depths of 25 – 55 mm
- Simple alignment to original geometry
- Laser guided cutter alignment ensures correct positioning of cutting edge to the wheel
- Easy angle adjustment

TECHNICAL DATA

Dimensions (lxwxh)	480 x 270 x 300 mm
Weight	28 kg
Motor power	250 W
Noise emission	< 70 dBa
Grinding disk	\varnothing 125 mm
Wheel bore	25 mm
Shaft bore	19.05 mm Weldon
Speed (no load)	2800 rpm
Voltage	110-120 V / 220-240 V / 50-60 Hz

DIE GRINDERS

■ EUROBOOR EDG.600 ELECTRIC DIE GRINDER 1/4"

Thanks to its small and compact design, our lightweight EDG.600 electric die grinder is extremely suitable for use in tight spaces.

The electric die grinder is easy to hold and carry and ideal for finishing dies, press working, die casting and moulding work.

Our electric die grinder has a powerful 600 W (5.5 A) motor and variable speed dial with indicator.

Features:

- Lightweight, small and compact design for use in tight spaces
- Easy to hold and carry ideal for finishing dies, press working, die casting and moulding work
- Variable speed dial with indicator Also available in combination with rotary burrs set



TECHNICAL DATA

Weight	1,8 kg
Motor power	600 W
Speed (no load)	12.000 - 27.000 min ⁻¹
Collet	6 mm
Voltage	220-240 V / 50-60 Hz

■ EUROBOOR ADG AIR DIE GRINDER 1/4"

Our air die grinders (angle, straight and extended) operate on air and are therefore the perfect solution for grinding tasks where the use of electric power tools is out of the question, such as the offshore, mining, oil and gas industries.

The ADG.2A (angle) and ADG.2S (straight) are perfect for grinding, polishing, deburring and smoothing sharp edges.

All air die grinders are engineered to make your job easier, safer and more efficient.

VibraTec minimizes vibrations of the machine. This contributes to the ease of operation and creation of smooth, high quality finishes. These machines have an ergonomic soft grip which absorbs vibrations. They are developed with high quality materials such as bearings which make the burr rotate as steadily as possible.

ADG.2A (Angle)



ADG.2S (Straight)



ADG.2A & ADG.2S Features:

- Excellent for grinding, polishing, deburring and smoothing sharp edges
- Four-speed rear regulator 360° adjustable exhaust deflector
- Safety lever trigger

TECHNICAL DATA	ADG.2A	ADG.2S
Weight	0.53kg	0.67kg
Free speed	20,000 rpm	20,000 rpm
Collet	6mm (1/4")	6mm (1/4")
Air inlet (PT)	6.35mm	6.35mm
Air hose (ID)	9.525mm	9.525mm
Avg. air consumption	0.113m ³ /min (4 SCFM)	0.142m ³ /min (5 SCFM)
Working pressure	6.3 bar (90psi)	6.3 bar (90psi)
Length	193mm	193mm
Height	70mm	70mm

■ EUROBOOR B45S - BEVELLING MACHINE

The Euroboor B45S benefits from quick and easy bevel width adjustment with clear indicator.

This beveling machine has a maximum bevel width of 6 mm, at an angle of 45°. The spindle speed adjustment range makes the B45S suitable for various materials.

The electronic speed stabilization and overheat protection take care of creating perfect finishes with the greatest of ease.

Features:

- Precision 45° milling head with three cutting edges
- Spindle speed adjustment for various materials
- Clear bevel depth indication
- Quick and easy bevel depth adjustment
- Electronic speed stabilization
- Overheat protection
- Anti-kickback and – breakthrough torque control



TECHNICAL DATA

Spindle speed	1750 - 5250 rpm
Max. bevel width	6mm (45° angle)
Min. diameter for inside bevels	20mm
Length	458mm
Width	137mm
Height	300mm
Weight	4.4kg
Spindle thread	M12 x 1.75
Motor power	1250 W
Voltage	220-240 V / 50-60 Hz



- Stainless steel guiding plates for B60S only
B45S.1011B

■ EUROBOOR BEVELLING MACHINES ACCESSORIES



- 30° Milling Head for B45S
B45S.1011A



- 45° Milling Head for B45S
B45S.1011



- R 2.5 Milling Head for B45S
B45S.1011B



- R 2.5 Milling Head for B60, B60S
B45S.1011B



- 30° and 45° Carbide Cutting Plates 10 pieces. For B45S
LKS.20



- R 2.5 Carbide Cutting Plates 10 pieces. For B45S
LKS.20-R



- Carbide Cutting Plates TiAlN coated 10 pieces For B60, B60S
LKS.15

■ EUROBOOR B60 - BEVELLING MACHINE

With a maximum bevel width of 24 mm, at an angle of 45°, the Euroboor B60 beveling machine is a unique machine in the market.

This beveling machine has a powerful high-efficiency motor and is suitable to cut both plate and pipe material.

The Euroboor B60 bevel machine has a clear indicator for angle setting, up to 60° and is easy to control thanks to the clear, precise and simple (protected) control buttons.

Features:

- Easy replacement and indexing of cutting plates
- Clear, precise and simple (protected) controls
- Powerful high efficiency motor
- Ultra-smooth operation
- Clear indicator for angle-setting
- Suitable for pipe material $\varnothing > 150$ mm
- Wide and soft handles



TECHNICAL DATA

Spindle speed	2850 rpm
Max. bevel width	24mm (45° angle)
Bevel angle	0 - 60°
Pipe diameter	$\varnothing > 150$ mm
Length	415mm
Width	375mm
Height	268mm
Weight	22.3kg
Motor power	1100 W
Voltage	220-240 V / 50-60 Hz

■ EUROBOOR B60S - BEVELLING MACHINE

The Euroboor B60S beveling machine has a maximum bevel width of 24 mm, at an angle of 45°, which is unique in the market. Furthermore, this machine benefits from an exceptional powerful 1800 W motor making this machine very suitable for not only cutting stainless steel but a wide variety of materials.

The Euroboor B60S is equipped with overload protection and has a variable speed, including material type indicator. This machine is suitable to cut both plate and pipe material.

Features:

- Powerful high efficiency motor
- Variable speed, including material type indicator
- Clear indicator for angle-setting, up to 60°
- Suitable for pipe material $\varnothing > 150$ mm
- Extremely suitable for stainless steel
- Wide and soft handles
- Overload protection



TECHNICAL DATA

Spindle speed	1750 - 5250 rpm
Max. bevel width	6mm (45° angle)
Min. diameter for inside bevels	20mm
Length	458mm
Width	137mm
Height	300mm
Weight	4.4kg
Spindle thread	M12 x 1,75
Motor power	1250 W
Voltage	220-240 V / 50-60 Hz

■ EUROBOOR EDC.355 - BLADERUNNER CUT-OFF SAW

The Euroboor EDC.355 "Bladerunner" metal dry cut-off saw is ideal for cutting metal profiles, pipes and sheet material. Powered by an extremely powerful 2480 W motor with built-in soft start functionality, and with 1450 rpm, this machine is suitable for sawing all types of metals.

The transparent protective shield ensures that the chips are safely discharged while you keep a good view of your work. The machine has a locking pin and an ergonomic handle, so you can easily carry the machine. The safety button also ensures that you are protected against accidental start-up.



Features:

- Adjustable sawing angle from 0° to 45°
- Molded aluminum base with adjustable angle indication.
- 3 attachment points to fix the machine to your workbench.
- Ergonomic handle and locking pin to easily carry the machine
- Safety button for protection against accidental start-up.
- Robust clamp for very precise clamping of materials
- Dust collection tray for a cleaner workspace
- Built-in Soft-start functionality
- Transparent protective shield for safely discharging of the chips
- Includes Saw Blade 355mm x 25.4 Bore x 66T



TECHNICAL DATA

Dimensions unfolded (lkwxh) 620 x 350 x 630 mm

Dimensions folded (lkwxh) 530 x 350 x 420mm

Weight 18.6 kg

Motor power 2,480 W

Cutting speed 1,450 rpm

Max. blade diameter 355mm

Bore diameter blade 25.4mm

Max. cutting angle 0-45°

Cutting capacity at 0°

□ 105 x 105mm

□ 90 x 145mm

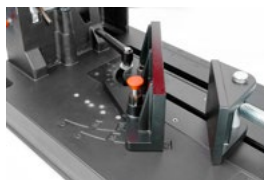
Cutting capacity at 45°

□ 90mm

□ 80 x 80mm

□ 90 x 80mm

Voltage 220-240 V / 50-60 Hz







POWER TOOLS / ACCESSORIES 201

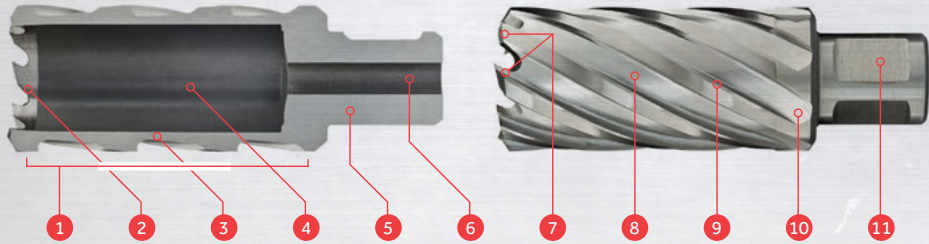
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HSS ANNULAR CUTTERS

EUROBOOR HIGH SPEED STEEL (HSS) ANNULAR CUTTERS

HSS Annular Cutters, with unique geometry type and random-space tips, provide clearly cutting, fast feed rate, less vibration, smooth hole surface and long tool life, highly effective for drilling. They are better and quicker than twist drills. HSS Annular Cutters can be used on all kinds of magnetic drilling machines.

They can be widely used in drilling steel, copper, aluminium, stainless steel and plastic, in either plate or pipe form. The HSS Annular Cutters have gained huge popularity in the market. The entire range is available in various specifications that can be customized as per clients' requirements.



- 1. Stage hardening.** Combines maximum hardness at the teeth with superior strength at the cutter body, reducing breakage to a minimum.
- 2. Inner ground cutting teeth.** Helps stable "setting" of the cutter, reduces friction during and drilling and helps slug ejection.
- 3. Wall thickness** matched to the diameter of the cutter, combining the best possible cutting time with strength.
- 4. Tapered inside** fitment prevents the cutter getting stuck. Guaranteed plug ejection with usage of the correct pilot pin.
- 5. Precise shank** fitment for maximum interchangeability and close tolerance drilling without run-out.
- 6. Precise pilot pin** fitment for perfect centration, hassle-free pin retraction and controlled coolant flow.
- 7. Altering "continuous pre-cut" teeth** geometry. Generates faster and more stable drilling performance and results in clear cuts of the highest precision and smooth, burr-free finishes.
- 8. Well-thought-out spiral** flute angles for optimal chip removal.
- 9. Specially designed** blades for optimum stability and heat-reduction.
- 10. Number of flutes and** teeth matched to the diameter of the cutter for the best tooth load and superior cutting speeds.
- 11. Precision ground** Weldon shanks for optimum fitment of the cutter itself in the tool holder and of pilot pin in the annular cutter. Increases safety, stability and accurate hole sizing.

Properties

Our best-selling cutter range most commonly used for standard fabrication and construction. These cutters offer the best possible quality for the majority of drilling tasks.

HSS		DoC 30mm		DoC 55mm		DoC 75mm		DoC 100mm	
CUTTER Ø mm	SHANK SIZE mm	CODE	PILOT PIN	CODE	PILOT PIN	CODE	PILOT PIN	CODE	PILOT PIN
Ø 12	19.05	HCS.120	IBC.70	HCL.120	IBC.90				
Ø 13	19.05	HCS.130	IBC.70	HCL.130	IBC.90				
Ø 14	19.05	HCS.140	IBC.70	HCL.140	IBC.90	HCY.140	IBC.K25		
Ø 15	19.05	HCS.150	IBC.70	HCL.150	IBC.90	HCY.150	IBC.K25		
Ø 16	19.05	HCS.160	IBC.70	HCL.160	IBC.90	HCY.160	IBC.K25		
Ø 17	19.05	HCS.170	IBC.70	HCL.170	IBC.90	HCY.170	IBC.K25		
Ø 18	19.05	HCS.180	IBC.70	HCL.180	IBC.90	HCY.180	IBC.K25	HXC.180	IBC.K50
Ø 19	19.05	HCS.190	IBC.70	HCL.190	IBC.90	HCY.190	IBC.K25	HXC.190	IBC.K50
Ø 20	19.05	HCS.200	IBC.70	HCL.200	IBC.90	HCY.200	IBC.K25	HXC.200	IBC.K50
Ø 21	19.05	HCS.210	IBC.70	HCL.210	IBC.90	HCY.210	IBC.K25	HXC.210	IBC.K50
Ø 22	19.05	HCS.220	IBC.70	HCL.220	IBC.90	HCY.220	IBC.K25	HXC.220	IBC.K50
Ø 23	19.05	HCS.230	IBC.70	HCL.230	IBC.90	HCY.230	IBC.K25	HXC.230	IBC.K50
Ø 24	19.05	HCS.240	IBC.70	HCL.240	IBC.90	HCY.240	IBC.K25	HXC.240	IBC.K50
Ø 25	19.05	HCS.250	IBC.70	HCL.250	IBC.90	HCY.250	IBC.K25	HXC.250	IBC.K50
Ø 26	19.05	HCS.260	IBC.70	HCL.260	IBC.90	HCY.260	IBC.K25	HXC.260	IBC.K50
Ø 27	19.05	HCS.270	IBC.70	HCL.270	IBC.90	HCY.270	IBC.K25	HXC.270	IBC.K50
Ø 28	19.05	HCS.280	IBC.70	HCL.280	IBC.90	HCY.280	IBC.K25	HXC.280	IBC.K50
Ø 29	19.05	HCS.290	IBC.70	HCL.290	IBC.90	HCY.290	IBC.K25	HXC.290	IBC.K50
Ø 30	19.05	HCS.300	IBC.70	HCL.300	IBC.90	HCY.300	IBC.K25	HXC.300	IBC.K50
Ø 31	19.05	HCS.310	IBC.70	HCL.310	IBC.90	HCY.310	IBC.K25	HXC.310	IBC.K50
Ø 32	19.05	HCS.320	IBC.70	HCL.320	IBC.90	HCY.320	IBC.K25	HXC.320	IBC.K50
Ø 33	19.05	HCS.330	IBC.70	HCL.330	IBC.90	HCY.330	IBC.K25	HXC.330	IBC.K50
Ø 34	19.05	HCS.340	IBC.70	HCL.340	IBC.90	HCY.340	IBC.K25	HXC.340	IBC.K50
Ø 35	19.05	HCS.350	IBC.70	HCL.350	IBC.90	HCY.350	IBC.K25	HXC.350	IBC.K50
Ø 36	19.05	HCS.360	IBC.70	HCL.360	IBC.90	HCY.360	IBC.K25	HXC.360	IBC.K50
Ø 37	19.05	HCS.370	IBC.70	HCL.370	IBC.90	HCY.370	IBC.K25	HXC.370	IBC.K50
Ø 38	19.05	HCS.380	IBC.70	HCL.380	IBC.90	HCY.380	IBC.K25	HXC.380	IBC.K50
Ø 39	19.05	HCS.390	IBC.70	HCL.390	IBC.90	HCY.390	IBC.K25	HXC.390	IBC.K50
Ø 40	19.05	HCS.400	IBC.70	HCL.400	IBC.90	HCY.400	IBC.K25	HXC.400	IBC.K50



DoC
Depth of Cut
measured
inside
cutter

Shank sizes:
Ø 12 - 60mm: 19.05mm (3/4")
Ø 61 - 100mm: 31.75mm (1 1/4")

Weldon Shank



HSS		DoC 30mm		DoC 55mm		DoC 75mm		DoC 100mm	
CUTTER Ø mm	SHANK SIZE mm	CODE	PILOT PIN	CODE	PILOT PIN	CODE	PILOT PIN	CODE	PILOT PIN
Ø 41	19.05	HCS.410	IBC.70	HCL.410	IBC.90	HCY.410	IBC.K25	HCX.410	IBC.K50
Ø 42	19.05	HCS.420	IBC.70	HCL.420	IBC.90	HCY.420	IBC.K25	HCX.420	IBC.K50
Ø 43	19.05	HCS.430	IBC.70	HCL.430	IBC.90	HCY.430	IBC.K25	HCX.430	IBC.K50
Ø 44	19.05	HCS.440	IBC.70	HCL.440	IBC.90	HCY.440	IBC.K25	HCX.440	IBC.K50
Ø 45	19.05	HCS.450	IBC.70	HCL.450	IBC.90	HCY.450	IBC.K25	HCX.450	IBC.K50
Ø 46	19.05	HCS.460	IBC.70	HCL.460	IBC.90	HCY.460	IBC.K25	HCX.460	IBC.K50
Ø 47	19.05	HCS.470	IBC.70	HCL.470	IBC.90	HCY.470	IBC.K25	HCX.470	IBC.K50
Ø 48	19.05	HCS.480	IBC.70	HCL.480	IBC.90	HCY.480	IBC.K25	HCX.480	IBC.K50
Ø 49	19.05	HCS.490	IBC.70	HCL.490	IBC.90	HCY.490	IBC.K25	HCX.490	IBC.K50
Ø 50	19.05	HCS.500	IBC.70	HCL.500	IBC.90	HCY.500	IBC.K25	HCX.500	IBC.K50
Ø 51	19.05	HCS.510	IBC.70	HCL.510	IBC.90				
Ø 52	19.05	HCS.520	IBC.70	HCL.520	IBC.90				
Ø 53	19.05	HCS.530	IBC.70	HCL.530	IBC.90				
Ø 54	19.05	HCS.540	IBC.70	HCL.540	IBC.90				
Ø 55	19.05	HCS.550	IBC.70	HCL.550	IBC.90				
Ø 56	19.05	HCS.560	IBC.70	HCL.560	IBC.90				
Ø 57	19.05	HCS.570	IBC.70	HCL.570	IBC.90				
Ø 58	19.05	HCS.580	IBC.70	HCL.580	IBC.90				
Ø 59	19.05	HCS.590	IBC.70	HCL.590	IBC.90				
Ø 60	19.05	HCS.600	IBC.70	HCL.600	IBC.90				
Ø 61	31.75	HCS.610	IBC.85	HCL.610	IBC.100				
Ø 62	31.75	HCS.620	IBC.85	HCL.620	IBC.100				
Ø 63	31.75	HCS.630	IBC.85	HCL.630	IBC.100				
Ø 64	31.75	HCS.640	IBC.85	HCL.640	IBC.100				
Ø 65	31.75	HCS.650	IBC.85	HCL.650	IBC.100				
Ø 66	31.75			HCL.660	IBC.100				
Ø 67	31.75			HCL.670	IBC.100				
Ø 68	31.75			HCL.680	IBC.100				
Ø 69	31.75			HCL.690	IBC.100				
Ø 70	31.75			HCL.700	IBC.100				
Ø 71	31.75			HCL.710	IBC.100				
Ø 72	31.75			HCL.720	IBC.100				
Ø 73	31.75			HCL.730	IBC.100				
Ø 74	31.75			HCL.740	IBC.100				
Ø 75	31.75			HCL.750	IBC.100				
Ø 76	31.75			HCL.760	IBC.100				
Ø 77	31.75			HCL.770	IBC.100				
Ø 78	31.75			HCL.780	IBC.100				
Ø 79	31.75			HCL.790	IBC.100				
Ø 80	31.75			HCL.800	IBC.100				
Ø 81	31.75			HCL.810	IBC.100				
Ø 82	31.75			HCL.820	IBC.100				
Ø 83	31.75			HCL.830	IBC.100				
Ø 84	31.75			HCL.840	IBC.100				
Ø 85	31.75			HCL.850	IBC.100				
Ø 86	31.75			HCL.860	IBC.100				
Ø 87	31.75			HCL.870	IBC.100				
Ø 88	31.75			HCL.880	IBC.100				
Ø 89	31.75			HCL.890	IBC.100				
Ø 90	31.75			HCL.900	IBC.100				
Ø 91	31.75			HCL.910	IBC.100				
Ø 92	31.75			HCL.920	IBC.100				
Ø 93	31.75			HCL.930	IBC.100				
Ø 94	31.75			HCL.940	IBC.100				
Ø 95	31.75			HCL.950	IBC.100				
Ø 96	31.75			HCL.960	IBC.100				
Ø 97	31.75			HCL.970	IBC.100				
Ø 98	31.75			HCL.980	IBC.100				
Ø 99	31.75			HCL.990	IBC.100				
Ø 100	31.75			HCL.1000	IBC.100				



Did you know?

- With the right lubrication tool life is drastically improved
- Drilling with cutters is best with internal cooling;
- A perfect fitting pilot pin prevents cutter breakage;
- TCT cutters need a higher speed than HSS cutters
- Euroboor HSS cutters have an extra landing on the outside and cut more accurate with less friction
- Euroboor cutters have a grounded inside which offers expansion room to slug.

HSS Annular Cutters Shank

Euroboor HSS annular cutters are standard equipped with high precision Weldon shanks. Depending on the cutter size and specification: 19.05 mm (3/4") or 31.75 mm (1 1/4").

MATERIAL APPLICATION

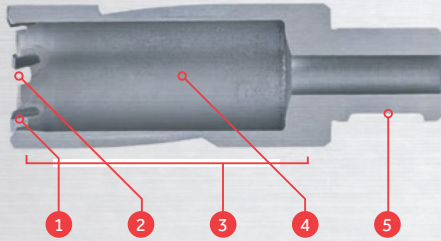
Cutter	Material		Brass, Copper, Tin	Grey cast iron	Steel <500N	Steel <750N	Steel <900N	Steel <1,100N	Steel <1,400N	Stainless Steel <900N	Stainless Steel <900N	Aluminium <10% SI	Aluminium <10% SI	Exotic Materials	Rails
	Plastics GRP / CRP	Optimal													
HSS	Optimal	Good			Optimal	Optimal	Good					Good			
TCT		Good	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Good
TCT RAIL		Good	Optimal	Optimal	Optimal										Optimal

TCT ANNULAR CUTTERS

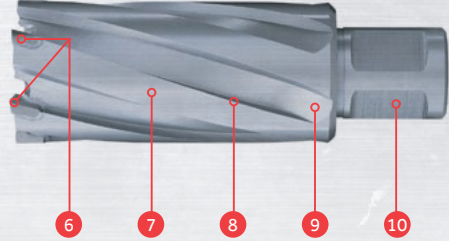
EUROBOOR TUNGSTEN CARBIDE TIPPED (TCT) ANNULAR CUTTERS

Euroboor Tungsten Carbide Tipped (SANDVIK) Annular Cutters are equipped with a spiral flute which creates optimum chip removal and seizure is virtually impossible. These annular cutters are used e.g. in hardened materials such as HARDOX steel, stainless steels and high tensile strength such as railway tracks. The Tungsten

Carbide Tipped teeth of the cutter can be sharpened or replaced. Because of the above composition, and when used in a proper way, these cutters are less susceptible to breakage than standard High Speed Steel Cutters, especially in larger diameters and lengths.



1. Extremely hard and durable tungsten carbide cutting teeth (SANDVIK) for the hardest of drilling tasks. Offset positioning for the lowest possible heat development.
2. Optimized cutting angles for shortest drilling times and clearest cuts.
3. Special alloy body for optimum strength and durability.
4. Tapered inside fitment prevents the cutter getting stuck. Guaranteed plug ejection with usage of the correct pilot pin.
5. Precise shank fitment for maximum interchangeability and close tolerance drilling without run-out.
6. Altering "continuous pre-cut" teeth geometry. Generates faster and more stable drilling performance and results in clear cuts of the highest precision and smooth, burr-free finishes. SANDVIK carbide tipped.
7. Well-thought-out spiral flute angles for optimal chip removal.



8. Specially designed blades for optimum stability and heat-reduction.
9. Number of flutes and teeth matched to the diameter of the cutter for the best tooth load and superior cutting speeds.
10. Precision ground Weldon shanks for optimum fitment of the cutter itself in the tool holder and of pilot pin in the annular cutter. Increases safety, stability and accurate hole sizing.

Properties

Tough drilling jobs are easy with the use of Euroboor TCT annular cutters. Covering a large range of metals including some of the hardest on the market, this type of cutter will help you drill quickly and safely, always and everywhere.

TCT		DoC 35mm		DoC 55mm	
CUTTER Ø mm	SHANK SIZE mm	CODE	PILOT PIN	CODE	PILOT PIN
Ø 12	19.05	HMSU.120	IBC.75	HMLU.120	IBC.90
Ø 13	19.05	HMSU.130	IBC.75	HMLU.130	IBC.90
Ø 14	19.05	HMSU.140	IBC.75	HMLU.140	IBC.90
Ø 15	19.05	HMSU.150	IBC.75	HMLU.150	IBC.90
Ø 16	19.05	HMSU.160	IBC.75	HMLU.160	IBC.90
Ø 17	19.05	HMSU.170	IBC.75	HMLU.170	IBC.90
Ø 18	19.05	HMSU.180	IBC.80	HMLU.180	IBC.80
Ø 19	19.05	HMSU.190	IBC.80	HMLU.190	IBC.80
Ø 20	19.05	HMSU.200	IBC.80	HMLU.200	IBC.80
Ø 21	19.05	HMSU.210	IBC.80	HMLU.210	IBC.80
Ø 22	19.05	HMSU.220	IBC.80	HMLU.220	IBC.80
Ø 23	19.05	HMSU.230	IBC.80	HMLU.230	IBC.80
Ø 24	19.05	HMSU.240	IBC.80	HMLU.240	IBC.80
Ø 25	19.05	HMSU.250	IBC.80	HMLU.250	IBC.80
Ø 26	19.05	HMSU.260	IBC.80	HMLU.260	IBC.80
Ø 27	19.05	HMSU.270	IBC.80	HMLU.270	IBC.80
Ø 28	19.05	HMSU.280	IBC.80	HMLU.280	IBC.80
Ø 29	19.05	HMSU.290	IBC.80	HMLU.290	IBC.80
Ø 30	19.05	HMSU.300	IBC.80	HMLU.300	IBC.80
Ø 31	19.05	HMSU.310	IBC.80	HMLU.310	IBC.80
Ø 32	19.05	HMSU.320	IBC.80	HMLU.320	IBC.80
Ø 33	19.05	HMSU.330	IBC.80	HMLU.330	IBC.80
Ø 34	19.05	HMSU.340	IBC.80	HMLU.340	IBC.80
Ø 35	19.05	HMSU.350	IBC.80	HMLU.350	IBC.80
Ø 36	19.05	HMSU.360	IBC.80	HMLU.360	IBC.80
Ø 37	19.05	HMSU.370	IBC.80	HMLU.370	IBC.80
Ø 38	19.05	HMSU.380	IBC.80	HMLU.380	IBC.80
Ø 39	19.05	HMSU.390	IBC.80	HMLU.390	IBC.80
Ø 40	19.05	HMSU.400	IBC.80	HMLU.400	IBC.80



DoC
Depth of Cut
measured
inside
cutter

Shank sizes:
Ø 12 - 60mm: 19.05mm (3/4")
Ø 61 - 200mm: 31.75mm (1 1/4")

WelNit Shank



Ø 12 - 60mm

Nitto/Weldon Shank



Ø 61 - 200mm

TCT		DoC 35mm		DoC 55mm	
CUTTER Ø mm	SHANK SIZE mm	CODE	PILOT PIN	CODE	PILOT PIN
Ø 41	19.05	HMSU.410	IBC.80	HMLU.410	IBC.80
Ø 42	19.05	HMSU.420	IBC.80	HMLU.420	IBC.80
Ø 43	19.05	HMSU.430	IBC.80	HMLU.430	IBC.80
Ø 44	19.05	HMSU.440	IBC.80	HMLU.440	IBC.80
Ø 45	19.05	HMSU.450	IBC.80	HMLU.450	IBC.80
Ø 46	19.05	HMSU.460	IBC.80	HMLU.460	IBC.80
Ø 47	19.05	HMSU.470	IBC.80	HMLU.470	IBC.80
Ø 48	19.05	HMSU.480	IBC.80	HMLU.480	IBC.80
Ø 49	19.05	HMSU.490	IBC.80	HMLU.490	IBC.80
Ø 50	19.05	HMSU.500	IBC.80	HMLU.500	IBC.80
Ø 51	19.05	HMSU.510	IBC.80	HMLU.510	IBC.80
Ø 52	19.05	HMSU.520	IBC.80	HMLU.520	IBC.80
Ø 53	19.05	HMSU.530	IBC.80	HMLU.530	IBC.80
Ø 54	19.05	HMSU.540	IBC.80	HMLU.540	IBC.80
Ø 55	19.05	HMSU.550	IBC.80	HMLU.550	IBC.80
Ø 56	19.05	HMSU.560	IBC.80	HMLU.560	IBC.80
Ø 57	19.05	HMSU.570	IBC.80	HMLU.570	IBC.80
Ø 58	19.05	HMSU.580	IBC.80	HMLU.580	IBC.80
Ø 59	19.05	HMSU.590	IBC.80	HMLU.590	IBC.80
Ø 60	19.05	HMSU.600	IBC.80	HMLU.600	IBC.80
Ø 61	31.75	HMSU.610	IBC.100	HMLU.610	IBC.100
Ø 62	31.75	HMSU.620	IBC.100	HMLU.620	IBC.100
Ø 63	31.75	HMSU.630	IBC.80	HMLU.630	IBC.100
Ø 64	31.75	HMSU.640	IBC.80	HMLU.640	IBC.100
Ø 65	31.75	HMS.650	IBC.80	HML.650	IBC.100
Ø 66	31.75	HMS.660	IBC.80	HML.660	IBC.100
Ø 67	31.75	HMS.670	IBC.80	HML.670	IBC.100
Ø 68	31.75	HMS.680	IBC.80	HML.680	IBC.100
Ø 69	31.75	HMS.690	IBC.80	HML.690	IBC.100
Ø 70	31.75	HMS.700	IBC.80	HML.700	IBC.100
Ø 71	31.75	HMS.710	IBC.80	HML.710	IBC.100
Ø 72	31.75	HMS.720	IBC.80	HML.720	IBC.100
Ø 73	31.75	HMS.730	IBC.80	HML.730	IBC.100
Ø 74	31.75	HMS.740	IBC.80	HML.740	IBC.100
Ø 75	31.75	HMS.750	IBC.80	HML.750	IBC.100
Ø 76	31.75	HMS.760	IBC.80	HML.760	IBC.100
Ø 77	31.75	HMS.770	IBC.80	HML.770	IBC.100
Ø 78	31.75	HMS.780	IBC.80	HML.780	IBC.100
Ø 79	31.75	HMS.790	IBC.80	HML.790	IBC.100
Ø 80	31.75	HMS.800	IBC.80	HML.800	IBC.100
Ø 81	31.75	HMS.810	IBC.80	HML.810	IBC.100
Ø 82	31.75	HMS.820	IBC.80	HML.820	IBC.100
Ø 83	31.75	HMS.830	IBC.80	HML.830	IBC.100
Ø 84	31.75	HMS.840	IBC.80	HML.840	IBC.100
Ø 85	31.75	HMS.850	IBC.80	HML.850	IBC.100
Ø 86	31.75	HMS.860	IBC.80	HML.860	IBC.100
Ø 87	31.75	HMS.870	IBC.80	HML.870	IBC.100
Ø 88	31.75	HMS.880	IBC.80	HML.880	IBC.100
Ø 89	31.75	HMS.890	IBC.80	HML.890	IBC.100
Ø 90	31.75	HMS.900	IBC.80	HML.900	IBC.100
Ø 91	31.75	HMS.910	IBC.80	HML.910	IBC.100
Ø 92	31.75	HMS.920	IBC.80	HML.920	IBC.100
Ø 93	31.75	HMS.930	IBC.80	HML.930	IBC.100
Ø 94	31.75	HMS.940	IBC.80	HML.940	IBC.100
Ø 95	31.75	HMS.950	IBC.80	HML.950	IBC.100
Ø 96	31.75	HMS.960	IBC.80	HML.960	IBC.100
Ø 97	31.75	HMS.970	IBC.80	HML.970	IBC.100
Ø 98	31.75	HMS.980	IBC.80	HML.980	IBC.100
Ø 99	31.75	HMS.990	IBC.80	HML.990	IBC.100
Ø 100	31.75	HMS.1000	IBC.80	HML.1000	IBC.100

TCT		DoC 55mm	
CUTTER Ø mm	SHANK SIZE mm	CODE	PILOT PIN
Ø 102	31.75	HML.1020	IBC.100
Ø 103	31.75	HML.1030	IBC.100
Ø 105	31.75	HML.1050	IBC.100
Ø 106	31.75	HML.1060	IBC.100
Ø 108	31.75	HML.1080	IBC.100
Ø 100	31.75	HML.1100	IBC.100
Ø 110	31.75	HML.1110	IBC.100
Ø 113	31.75	HML.1130	IBC.100
Ø 114	31.75	HML.1140	IBC.100
Ø 115	31.75	HML.1150	IBC.100
Ø 116	31.75	HML.1160	IBC.100
Ø 117	31.75	HML.1170	IBC.100
Ø 119	31.75	HML.1190	IBC.100
Ø 120	31.75	HML.1200	IBC.100
Ø 122	31.75	HML.1220	IBC.100
Ø 124	31.75	HML.1240	IBC.100
Ø 125	31.75	HML.1250	IBC.100
Ø 130	31.75	HML.1300	IBC.100
Ø 135	31.75	HML.1350	IBC.100
Ø 140	31.75	HML.1400	IBC.100
Ø 145	31.75	HML.1450	IBC.100
Ø 150	31.75	HML.1500	IBC.100
Ø 155	31.75	HML.1550	IBC.100
Ø 160	31.75	HML.1600	IBC.100
Ø 165	31.75	HML.1650	IBC.100
Ø 170	31.75	HML.1700	IBC.100
Ø 175	31.75	HML.1750	IBC.100
Ø 180	31.75	HML.1800	IBC.100
Ø 185	31.75	HML.1850	IBC.100
Ø 190	31.75	HML.1900	IBC.100
Ø 195	31.75	HML.1950	IBC.100
Ø 200	31.75	HML.2000	IBC.100



Did you know?

- TCT cutters need a higher speed than HSS cutters
- There are three different teeth to cut cleaner and quicker
- Euroboor cutters have a grounded inside for easy slug ejection
- A perfect fitting pilot pin prevents cutter breakage
- Tool life is drastically improved with the right lubrication

TCT Annular Cutters Shank

Euroboor TCT annular cutters (12-60 mm) are equipped with innovative WelNit shanks. A new and improved shank with 2 flats and 3 Nitto fitting dimples which provide an extra secure and super tight fit in the spindle or arbor.

Euroboor TCT annular cutters (61 - 200) are offered with double shank design. These annular cutters have an increased practical application, as they are suitable for use on machinery requiring Weldon fitment as well as machinery with Nitto fitment.

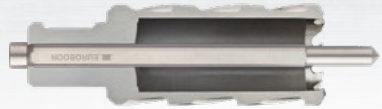
MATERIAL APPLICATION															
Cutter	Material														
	Plastics GRP / CRP	Brass, Copper, Tin	Grey cast iron	Steel <90N	Steel <750N	Steel <900N	Steel <1,100N	Steel <1,400N	Stainless Steel <900N	Stainless Steel <900N	Aluminium <10% SI	Aluminium <10% SI	Exotic Materials	Rails	
HSS	Optimal	Good		Optimal	Optimal	Good					Good				
TCT		Good	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Good	
TCT RAIL		Good	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	

PILOT PINS

EUROBOOR PILOT PINS

As plain as a pilot pin may look, all of these uses require high-precision and extremely low tolerances – just to make sure the centre is exactly the centre, oil flow starts and stops when you need it to, and the slug does not get stuck inside the cutter.

We offer a wide range of pilot pins that match the lengths, diameters and characteristics of our various annular cutters with exactly the required precision to enhance your drilling job in the best way possible.



Pilot pins are essential

for the use of annular cutters, as they provide the following practical uses:

- Centration of cutter
- Control of oil flow
- Slug ejection

CODE	LENGTH PIN mm	DIAMETER PIN mm	HSS CUTTER DoC 30mm	HSS CUTTER DoC 55mm	HSS CUTTER DoC 75mm	HSS CUTTER DoC 100mm	TCT CUTTER DoC 35mm	TCT CUTTER DoC 55mm	TCT RAIL CUTTER DoC 25mm	TCT RAIL CUTTER DoC 35mm
IBC.70	77	6.35	Ø 12 - 60mm						Ø 12 - 36mm	
IBC.75	87	6.35					Ø 12 - 17mm			Ø 12 - 36mm
IBC.80	103	8	Ø 61 - 100mm				Ø 18 - 100mm	Ø 18 - 60mm		
IBC.85	90	8								
IBC.90	102	6.35		Ø 12 - 60mm				Ø 12 - 17mm		
IBC.100	123	8		Ø 61 - 100mm				Ø 61 - 200mm		
IBC.130	162	8								

EXTENDED PILOT PINS*

IBC.K25	125	6.35			Ø 14 - 50mm					
IBC.K50	155	6.35				Ø 18 - 50mm				
IBC.K75	177	6.35								
IBC.K100	204	6.35								

* **Extended pilot pins.** Specifically for use with long cutters and drilling in very thick workpieces.

Makes it possible to continue drilling without midprocess replacement. Suitable for use with longer cutters as from 75 mm.

PILOT PIN FEATURES

Precise positioning

- Whilst having a perfect fit the Euroboor pilot pin is your guidance to centre the cutter.



Oil flow regulation

- In standstill position with the cutter above the workpiece, the pilot pin prevents the oil from flowing.
- If drilling starts the pilot pin is pushed into the machine and permits the oil to flow in the cutter for direct cooling and lubricating.



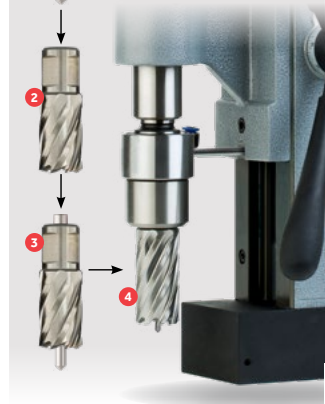
Slug ejection

- When the cutter is through the material, the pilot pin pushes the slug out by means of the strong spring inside the magdrill machine.
- Consequently the oil flow is automatically cut off.



PILOT PIN INSTALL

1. Pilot pin
2. Annular cutter
3. Pilot pin inside annular cutter
4. Place in arbor magnetic drilling machine and commence drilling



■ EUROBOOR HSS ANNULAR CUTTER SETS

The Euroboor HSS Annular Cutters are a heavy industrial grade cutter with no compromises.

- Multi fitting shank will fit almost all machines.
- Alternate teeth geometry ensures an accurate and burr free hole.



HCS.KIT-4



HCSU.KIT.TF



HCS.KIT-10



HCL.KIT



HCL.KIT-10

No. of Pieces	DEPTH OF CUT	CONTENTS	CODE
4	30mm	<ul style="list-style-type: none"> • 4x HSS Annular Cutters: 14, 16, & 18mm • 1x Pilot pin: IBC.70 • Plastic case 	HCS.KIT-4
6	30mm	<ul style="list-style-type: none"> • 6x HSS Annular Cutters: 12, 14, 16, 18, 20, & 22mm • 1x Pilot pin: IBC.70 • Sturdy case 	HCSU.KIT.TF
6	55mm	<ul style="list-style-type: none"> • 6x HSS Annular Cutters: 12, 14, 16, 18, 20, & 22mm • 1x Pilot pin: IBC.90 • Sturdy case 	HCL.KIT
10	30mm	<ul style="list-style-type: none"> • 10x HSS Annular Cutters: 12, 14, 16, 18, 20, 22, 24, 26, 28 & 30mm • 1x Pilot pin: IBC.70 • Sturdy case 	HCS.KIT-10
10	55mm	<ul style="list-style-type: none"> • 10x HSS Annular Cutters: 12, 14, 16, 18, 20, 22, 24, 26, 28 & 30mm • 1x Pilot pin: IBC.90 • Sturdy case 	HCL.KIT-10

WELDON TWIST DRILLS & COUNTERSINKS

EUROBOOR HSS WELDON TWIST DRILLS

Machined from one solid blank (no weak spots caused by inferior material or welds)

HSS, 19,05 mm (3/4") Weldon shank.

DRILL DIA.	SHANK SIZE mm	DoC 30mm CODE	DoC 50mm CODE
Ø 6	19.05	SSPI.06	SPI.06
Ø 7	19.05	SSPI.07	SPI.07
Ø 8	19.05	SSPI.08	SPI.08
Ø 9	19.05	SSPI.09	SPI.09
Ø 10	19.05	SSPI.10	SPI.10
Ø 11	19.05	SSPI11	SPI11



EUROBOOR HSS WELDON TWIST DRILLS

Machined from one solid blank (no weak spots caused by inferior material or welds)

HSS, 19,05 mm (3/4") Weldon shank.

No. of Pieces	DEPTH OF CUT	CONTENTS	CODE
6	30mm	• 6x HSS Weldon Twist Drills: 6, 7, 8, 9, 10 & 11mm • Plastic case	SSPI.KIT
6	50mm	• 6x HSS Weldon Twist Drills: 6, 7, 8, 9, 10 & 11mm • Plastic case	SPI.KIT



EUROBOOR HSS WELDON COUNTERSINK BITS

- HSS, 19,05 mm (3/4") Weldon shank
- 3 cutting edges
- 90°

BIT Ø mm	SHANK SIZE mm	DoC 30mm CODE
Ø 10 - 25	19.05	SCE.25
Ø 10 - 40	19.05	SCE.40
Ø 10 - 50	19.05	SCE.50



For a full range of EUROBOOR accessories visit trucutnz.com

■ EUROBOOR CUTTING PASTE - HIGH ALLOY STEEL

Universal cutting paste, especially suitable for high-alloy steel grades including Hardox and train rails.

Its strong adhesive strength also makes it a perfect problem solver for processing in hard to reach places and positions, including upside down. Leaves hardly any greasy residue, thus minimising cleaning preparations for following processing steps, when used undiluted.

- Strong adhesive strength on materials and tools
- For vertical and upside down applications
- Where liquid metal working oils can't be used
- Low tool wear and excellent surface quality

Size	DESCRIPTION	CODE
1kg	Cutting Paste	IBP.502



Alpha C.D.T CUT.DRILL.TAP CUTTING LUBRICANT

Alpha C.D.T is formulated for extreme cutting performance when tapping, drilling or reaming into all metals, including hardened steel and titanium. Special additives reduce friction, extend tool life and provide excellent surface finish. Alpha C.D.T is water soluble, safe and easy to use.

- 250ml squeeze bottle
- Improves overall tool performance
- Non-flammable
- Environmentally safe
- Biodegradable ingredients
- Easy to use and clean up

Size	DESCRIPTION	CODE
250ml	Cut.Drill.Tap Cutting lubricant	ATL005



EUROBOOR ARBORS MT2 & MT3 WELDON

CUTTERS Ø mm	DESCRIPTION	CODE
12 - 60	Arbor MT2 - 19,05 (3/4") Weldon (internal)	MC.2
12 - 60	Arbor MT3 - 19,05 (3/4") Weldon (internal)	MC.3
61 - 100	Arbor MT3 - 31,75 (1 1/4") Weldon (internal)	MC.3/32

Options available with lubrication ring. Please enquire.



EUROBOOR DRILL CHUCK CONNECTION MT2 & MT3 X B16

DESCRIPTION	CODE
Morse Taper 2 to B16 / Spindle Connection	B16-MC2
Morse Taper 3 to B16 / Spindle Connection	B16-MC3



EUROBOOR ADAPTOR UNF - MT (EXTERNAL)

DESCRIPTION	CODE
Adaptor 1/2" x 20 UNF (external) MT2	1/2UNF-MC2
Adaptor 1/2" x 30 UNF (external) MT3	1/2UNF-MC3



EUROBOOR ADAPTOR 19,05 MM WELDON

DESCRIPTION	CODE
Adapter 1/2" x 20 UNF (external) - 19,05mm (3/4") Weldon (Does not include chuck)	MB-CA12

A range of adaptors and chucks are available. Please enquire.



Fits: CU4070
CU4080
IBK.13
IBK.13Q

EUROBOOR EXTENSION 1/2" X 20 UNF

1/2" x 20 UNF (external) to 1/2" x 20 UNF (internal)
extension adapter for drill chucks fitting length 65 mm

DESCRIPTION	CODE
Adaptor 1/2" x 20 UNF	IBK.15



EUROBOOR EXTENSION WELDON

19.05 mm (3/4") Weldon
Outer Ø 35 mm (1 3/8")

LENGTH mm	DESCRIPTION	CODE
25mm	For 6,35 mm / 1/4" pilot pins	IBK.25
25mm	For 8 mm / 5/16" pilot pins	IBK.25/8
50mm	For 6,35 mm / 1/4" pilot pins	IBK.50
50mm	For 8 mm / 5/16" pilot pins	IBK.50/8
75mm	For 6,35 mm / 1/4" pilot pins	IBK.75
75mm	For 8 mm / 5/16" pilot pins	IBK.75/8
100mm	For 6,35 mm / 1/4" pilot pins	IBK.100
100mm	For 8 mm / 5/16" pilot pins	IBK.100/8



For a full range of EUROBOOR accessories visit trucutz.com

EUROBOOR DRILL CHUCK - 1/2" X 20 UNF CONNECTION

DIA. mm	DESCRIPTION	CODE
1.5 - 13mm	Keyed - 1/2" x 20 UNF thread (internally)	IBK.13



DART DRILL CHUCK - 1/2" + SDS PLUS ADAPTOR

DIA. mm	DESCRIPTION	CODE
1.5 - 13mm	Keyed - 1/2" x 20UNF thread + SDS Plus Adaptor	CU4070



EUROBOOR DRILL CHUCK B16 CONNECTION

DIA. mm	DESCRIPTION	CODE
1.5 - 13mm	Keyed - Morse taper B16 connection	IBK.13 - B16



EUROBOOR DRILL CHUCK - B16 CONNECTION

DIA. mm	DESCRIPTION	CODE
1.5 - 16mm	Keyed - B16 connection	IBK.16



EUROBOOR DRILL CHUCK QUICK CONNECT

DIA. mm	DESCRIPTION	CODE
2 - 13mm	Keyless Quick Connect - 1/2 x20 UNF connection	IBK.13Q



DART DRILL CHUCK QUICK CONNECT

DIA. mm	DESCRIPTION	CODE
1.5 - 13mm	Keyless Quick Connect - 1/2 x20 UNF thread	CU4080



DRILL CHUCK - QUICK CONNECT

EUROBOOR

DIA. mm	DESCRIPTION	CODE
1.5 - 16mm	Keyless Quick Connect - B16 connection	IBQ.16







KNIVES & KNIFE BLADES 213

TRIMMING KNIVES	214
SNAP CUTTERS	216
SAFETY KNIVES	221
MISCELLANEOUS KNIVES	225
TRIMMING BLADES	226
CUTTER BLADES	230
SCRAPERS	233
SCRAPER BLADES	236
MISCELLANEOUS BLADES	238
ART KNIVES & BLADES	240

Sterling STEALTH AUTO-LOADING SLIDING POCKET KNIFE

- Automatic blade loading
- Highest quality blades
- Slide-lock retractable blade
- Quick-flip blade change function
- Comfortable shaped grip
- 5 blade storage compartment
- Includes 5x free blades

► Replacement blades: 921 / 928 / 961

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	72	Carded with 5 blades in Counter Display	3038



3038

Sterling AUTOLOADING KNIFE WITH RUBBER GRIP

- Front loading with safety button allows used blades to be removed or turned around without opening knife body
- 5 blade magazine auto matically re-loads new blades
- Heavy duty all metal construction with smooth reliable mechanism
- Unique shape for superior grip & control
- Easy blade loading reduces accidents
- All metal mechanisms - metal springs & slides
- Includes 5 blades

► Replacement blades: 921 / 928 / 961.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	48	Carded with 5 blades	112-1X



112-1X

Sterling RETRACTABLE TRIMMING KNIFE ULTRA-GRIP

- The most popular Sterling retractable knife
- Ribbed body for improved hand grip with gloves
- Die cast zinc construction for longer life
- Large overlap above and below blade to prevent injuries
- Ergonomic shape fits all size hands
- Hi-vis safety yellow stands out for easy locating

► Replacement blades: 911 / 921 / 928 / 961 / 991.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	120	Fluro with 3 Blades - Carded	115-1YH



115-1YH

Sterling RETRACTABLE TRIMMING KNIFE

- Die cast zinc all metal construction including blade holder
- Excellent value in the traditional shape
- Blade storage in knife body
- Overlap above & below blade to prevent injuries
- Also available with Thumb lock* screw for easy blade changes without a screwdriver

► Replacement blades: 911 / 921 / 928 / 961 / 991.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	100	Grey Retractable Trimming Knife - Bulk	119-2
36	72	Hi-Vis Retractable Trimming Knife - Display Box	119-2D



119-2

119-2D

Sterling FOLDING QUICKLOCK KNIFE

- Multi-use
- Quick change utility blade
- Compact folding design
- Handy belt clip
- Secure rubber grip
- Spare blade chamber
- 2 Extra blades

► Replacement blades: 921 / 928 / 961 / 991.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	24	Silver/Red Carded + 2 Blades	3033



Sterling SPORT PRO II FOLDING KNIFE

- Multi use
- Quick change utility blade
- Compact folding design
- Handy belt clip
- Secure rubber grip
- Sport/Rescue blade

► Replacement blades: 921 / 928 / 961 / 991.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	24	Silver/Red Carded	3039



Sterling SHARK FIXED TRIMMING KNIFE

- Ideal for heavy duty uses
- Quick release "dial" for fast, easy blade changes
- Ergonomic shape fits securely & comfortably in the hand
- Cast aluminum construction is strong but very light
- Single notch to adjust blade length
- Supplied with plastic belt holster
- Clamps blade securely - no movement
- Ideal for Flooring, Plasterboard, Mining, Rubber belting & other industries

► Replacement blades: 911 / 921 / 941 / 961 / 991.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	60	Silver Carded	105-2



Sterling LOCKSET FIXED TRIMMING KNIFE

- Interlocking design clamps blade securely
- Easy blade changes without screwdriver
- Rubber grip on sides
- Die cast zinc for longer life
- Zero blade movement
- Ideal for rubber belting

► Replacement blades: 911 / 921 / 928 / 961 / 991.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	120	Silver/Black Carded	104-1



Sterling COMMANDER 25MM AUTO-LOCK EXTRA LARGE CUTTER

- Extra Heavy Duty 25mm Cutter with STRONG AUTO-LOCK SYSTEM for fast, safe blade adjustments
- All metal construction is durable and strong
- Ribbing on body to provide secure grip
- Metal clip and blade snapper on back of cutter
- Wider and thicker 0.7mm blade reduces flex in heavy cutting

760-1

► Replacement blades: 207 / 209.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	48	Silver Carded	760-1



Sterling RED-RHINO 25MM SCREW-LOCK EXTRA LARGE CUTTER

- Wider and thicker (0.7mm) blade reduces flex and stands up to heavy cutting of rubber, windscreen removal, insulation, etc
- Screw-lock provides secure, positive blade locking
- Rubber grip reduces hand slipping when applying pressure
- Comfortable "tear drop" shape better for gloved hands
- Extra thick Stainless Steel sleeve for longer life
- Supplied with 3 blades

701-1

► Replacement blades: 207 / 209.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	120	Red Carded	701-1



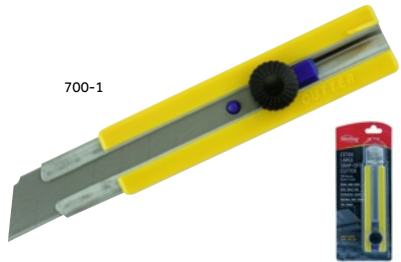
Sterling YELLOW 25MM SCREW-LOCK EXTRA LARGE CUTTER

- The most popular 25mm extra heavy duty cutter
- Screw-Lock provides peace of mind when tightening blade
- Rubber grip on back reduces hand slipping when applying pressure
- Extra thick Stainless Steel sleeve for longer life
- Supplied with 3 blades

700-1

► Replacement blades: 207 / 209.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	120	Yellow Carded	700-1

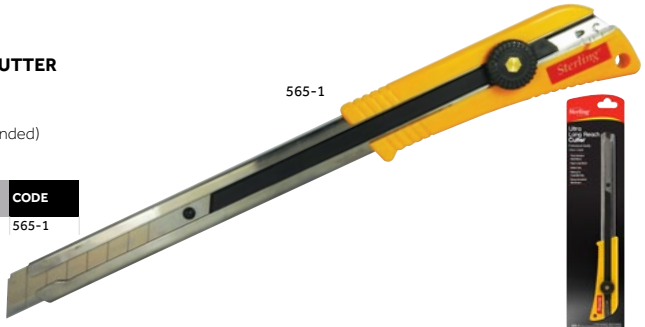


Sterling ULTRA LONG REACH 18MM CUTTER

- Professional quality 18mm cutter
- Thick stainless steel sleeve
- Super long reach (280mm without blade extended)
- Strong screwlock mechanism

565-1

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	72	Yellow Carded	565-1



Sterling ZEBRA 18MM LARGE SCREW-LOCK CUTTER

- Aluminium casing is strong but lightweight
- Rubber hand grip is comfortable and secure
- Strong long lasting Stainless Steel blade slider
- Screw Lock blade locking for secure, positive holding power

► Replacement blades: 201 / 203 / 1404L.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Silver/Red Carded	580-1

580-1



Sterling ALL-METAL 18MM SCREW-LOCK CUTTER

- Super tough All-Metal die cast body will not break
- Strong Screw-Lock mechanism
- Extra thick Stainless Steel insert
- Rubber grip on the back reduces slipping
- Supplied with blade snapper on the back of cutter

► Replacement blades: 201 / 203 / 1404L.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	120	Silver Carded	590-1

590-1



Sterling RHINO-GRIP 18MM LARGE SCREW-LOCK CUTTER

- Thick Stainless Steel sleeve for long life
- Rubber grip reduces hands slipping
- Strong Screw-Locking mechanism prevents blade slipping
- Supplied with blade snapper on the back of cutter
- Supplied with 3 blades
- Inbuilt spare blade compartment

► Replacement blades: 201 / 203 / 1404L.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Silver/Red Carded	570-1

570-1



Sterling SNAPLOADER 18MM AUTOLOADING CUTTER

- Autoloading cutter automatically reloads new blade when old blade is used
- 5 blade magazine makes the hassle of changing blades a thing of the past
- Auto lock and screw lock on nose provides safety and security even on heavy duty applications
- Rubber grip on handle provides comfort and security
- Supplied with 6 blades

► Replacement blades: 201 / 203 / 1404L.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Yellow/Black Carded + 6 Blades	625-1

625-1



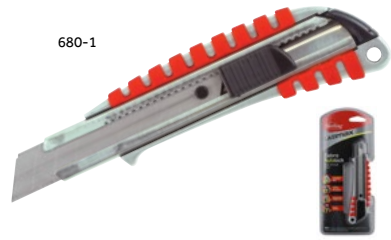
SNAP CUTTERS

Sterling ZEBRA 18MM AUTO-LOCK CUTTER

- Aluminium casing is strong but lightweight
- Rubber hand grip is comfortable and secure
- Strong long lasting Stainless Steel blade slider
- Auto lock blade locking is fast and easy to use

► Replacement blades: 201 / 203 / 1404L

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Silver/Red Carded	680-1



Sterling ALL-METAL 18MM LARGE AUTO-LOCK CUTTER

- Super tough All-Metal die cast body
- Extra thick Stainless Steel insert
- Rubber grip on the back to reduce slippage
- Supplied with blade snapper on the back of cutter

► Replacement blades: 201 / 203 / 1404L

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Silver Carded	690-1



Sterling RHINO-GRIP 18MM LARGE AUTO-LOCK CUTTER

- Positive, refined Auto-Lock mechanism won't fail or let the blade slip under pressure
- Thick Stainless Steel sleeve for long life
- Rubber grip reduces hands slipping
- Supplied with blade snapper on the back of cutter
- In-built spare blade compartment
- Supplied with 3 blades

► Replacement blades: 201 / 203 / 1404L

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Yellow Carded	670-1



Sterling AUTOLOCK 18MM LARGE CUTTER

- Autolock blade locking mechanism is convenient and secure
- Sturdy stainless steel sleeve is strong and durable
- 2pcs replacement blades in secure holder inside cutter
- Packed in a display box of 12pcs

► Replacement blades: 201 / 203 / 1404L

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Yellow Carded	655-1



Sterling **JOBBER 18MM LARGE CUTTER**

- The most popular packaging cutter
- Metal sleeve for long life
- Pull back safety lock stops blade slipping
- Blade snapper at rear to remove used points

► Replacement blades: 201 / 203 / 1404L.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
24	240	Yellow Polybag	68



Sterling **ALL-PLASTIC 18MM LARGE CUTTER**

- Extra length provides extra leverage
- Easy dial for fast blade changes
- Rubber grip prevents slipping
- Spare blade storage inside

► Replacement blades: 201 / 203 / 1404L.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
24	240	Yellow Polybag	80



Sterling **AUTO-LOCK 9MM CUTTER**

- Stainless Steel sleeve for long life
- Refined Auto-Lock mechanism prevents blade slipping
- Handy pocket clip to keep it in your shirt pocket
- Original style is a favourite with industry
- Replacement blades in knife body
- Supplied with 3 blades
- Metal safety blade snapper for controlled snapping
- Brilliant for Graphic Arts & Tint Film

► Replacement blades: 200 / 202 / 1403.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
24	600	Yellow Carded	330-1



Sterling **STAINLESS AUTO-LOCK 9MM SMALL CUTTER**

- Slim Stainless Steel body for long life
- Auto-Lock mechanism prevents blade slipping
- Handy pocket clip to keep it in your shirt pocket
- Supplied with 3 blades

► Replacement blades: 200 / 202 / 1403.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
24	600	Stainless Steel Carded	360-1



SNAP CUTTERS

Sterling CREAM AUTO-LOCK 9MM SMALL CUTTER

- The most popular deluxe cutter
- Refined Auto-Lock mechanism to prevent blade slipping
- Slim design with Stainless Steel sleeve for long life
- Handy pocket clip to keep it in your shirt pocket
- Supplied with 3 blades

► Replacement blades: 200 / 202 / 1403.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
24	600	Cream Carded	A-300

A-300



Sterling ECONOMY 9MM SMALL CUTTER

- Economy all plastic cutter
- Pull back safety lock stops blade slipping
- Blade snapper at rear to remove blunt points

► Replacement blades: 200 / 1403.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
48	480	Orange Polybag - Counter Display	D-804

D-804



BLADE SELECTION GUIDE

► 25MM CUTTERS REPLACEMENT BLADES

BLADE CODE	25MM CUTTER CODE
207	700-1 / 701-1 / 760-1
209	700-1 / 701-1 / 760-1

207



209 Non-Segmented



► 18MM CUTTERS REPLACEMENT BLADES

BLADE CODE	18MM CUTTER CODE
201	68 / 80 / 570-1 / 580-1 / 590-1 / 625-1 / 655-1 / 670-1 / 680-1 / 690-1
203	68 / 80 / 570-1 / 580-1 / 590-1 / 625-1 / 655-1 / 670-1 / 680-1 / 690-1
1404L	68 / 80 / 570-1 / 580-1 / 590-1 / 625-1 / 655-1 / 670-1 / 680-1 / 690-1

201



203 Non Segmented



1404L



► 9MM CUTTERS REPLACEMENT BLADES

BLADE CODE	9MM CUTTER CODE
200	A-300 / D-804 / 330-1 / 360-1
202	A-300 / 330-1 / 360-1
1403	A-300 / D-804 / 330-1 / 360-1

200



202 Non Segmented



1403



Sterling SAFETY DOUBLE PLUS AUTO RETRACTING SAFETY KNIFE

- Automatic self retracting blade system reduces injuries
- Blade still retracts if contact is lost even when slider is still pushed forwards
- Rounded thumb slider can be used from both sides or the top
- Rubberized grip avoids slipping
- Easy blade changes with no tools
- Round point blade protects carton contents

► Replacement blades: 921 / 928

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Silver/Orange Carded	417-1

417-1

**Sterling RUBBER-GRIP SELF RETRACTING KNIFE**

- Automatic blade retracting system reduces injuries
- Suitable for both right and left handers
- Rubber grip sides reduce slipping
- Die cast metal construction

► Replacement blades: 921 / 928 / 961

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Silver/Orange Carded	114-2R

114-2R

**Sterling JUNIOR SELF RETRACTING KNIFE**

- Automatic blade retracting system to prevent injury
- Light weight plastic knife is disposable
- Suitable for both right and left handers

► Replacement blades: 922

BOX QTY	CARTON QTY	DESCRIPTION	CODE
60	600	Yellow Bulk	415

415

**Sterling POCKET CUTTER AUTO RETRACTING SAFETY KNIFE**

- Double action trigger to prevent blade accidentally protruding in your pocket
- Automatic blade retracting system reduces injuries
- Complete knife with non replaceable blade prevents loss of internal parts and unauthorized contact with sharp blade
- Plastic body with wear resistant metal skid at blade outlet for durability
- Pocket clip on back to keep cutter handy and prevent misplacement
- Ideal for retail food packaging areas

► Replacement blades: 411B

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Black/Yellow 3 Pack Carded	413-1

413-1

**Sterling EASY CUT SELF RETRACTING CUTTER SYSTEM**

- Cutter, holster, and lanyard system that is easy to use and increases productivity
- Lanyard prevents cutter being left in packaging ideal for food applications
- Automatic blade retracting system
- Round point blade prevents damage to carton contents
- Suitable for left and right hand users
- Easy blade changes without tools
- Adjustable depth of cut on the blade
- Built in guide allows top tray cuts

► Replacement blades: 411B

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Yellow Black Bulk	411-2

411-2



Sterling SIDE-SLIDE SELF RETRACTING KNIFE

- Automatic blade retracting system prevents injuries
- Suits both right and left handers
- Symmetrical design allows blade to be inserted upside down for left handed users

► Replacement blades: 412B

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Yellow - Carded	412-1
100	1000	Yellow - Bulk	412-2
100	1000	Yellow with round point blade - Bulk	412-2BP

412-1



Sterling LONGREACH SELF RETRACTING KNIFE

- Longest reach of any knife with automatic blade retracting system
- Sturdy metal body for superior strength
- Rubber grip on body is comfortable and prevents slipping
- Suitable for both left and right handers
- Symmetrical design allows blade to be inserted upside down for left hand users.

► Replacement blades: 416-B

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Red/Black Carded	416-1

416-1



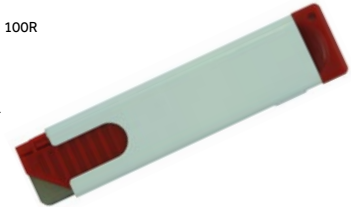
Sterling SELF RETRACTING CARTON OPENER KNIFE

- Automatic blade retracting system prevents injury
- Light weight design with 4 edged blade
- Suitable for right and left handed users
- Limited depth of cut with rounded edge blade protects carton contents
- Suitable for cutting seat belts, film, shrink wrap, bubble wrap and plastic strapping etc.

► Replacement blades: 451-040R

BOX QTY	CARTON QTY	DESCRIPTION	CODE
100	500	White Boxed	100R

100R



Sterling METAL CARTON OPENER WITH SLIDING BLADE COVER

- Blade has rounded edges to protect carton contents
- Has limited depth of cut to protect carton contents

► Replacement blades: 470-040R.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
24	576	Metal - Bulk	100B

100B



Sterling ENCLOSED BLADE CUTTER SAFETY CUTTER

- Suitable for stretch wrap, twine and tape
- Replaceable Blades

► Replacement blades: 70-1102.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	240	Blue Bulk	320

320



Sterling TOUGH TUSK ENCLOSED BLADE CARTON CUTTER

- Heavy duty metal body for tough tasks
- Twin blades for easy cutting
- Suitable for cutting seatbelts, film, shrink wrap, bubble wrap and plastic strapping
- Rubbergrip handle is comfortable and prevents slipping

► Replacement blades: TH82B.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	120	Black Carded	442-1

442-1

**Sterling TUSK ENCLOSED BLADE CARTON OPENER**

- Rubber grip handle is comfortable and prevents slipping
- Tape slitter on back of cutter allows for safe opening of cartons
- Easy blade changes, no tools required
- Suitable for cutting film, shrink wrap, bubble wrap and plastic strapping

► Replacement blades: 420-4.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	120	Yellow/Black Carded	440-1

440-1

**Sterling TUSK II ENCLOSED BLADE CARTON OPENER**

- Super Sharp circular blade cuts most packaging materials
- Big grip and sturdy body for demanding applications
- Rubber grip handle is comfortable and prevents slipping
- Tape slitter on back of cutter allows safe opening of cartons
- Easy blade changes without tools

► Replacement blades: RB-03.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Red/Black Carded	441-1

441-1

**Sterling KLEVER X-CHANGE DOUBLE SIDED HEAD CUTTER**

- Slitter with double sided head
- Easy to replace blade
- Two types of blade available: Single or Double side
- Made in USA

► Replacement blades: KCJ-XH-20 (Double head) / KCJ-XH-30 (Single head).

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	100	Red/Black Bulk	KCJ-XC

KCJ-XC

**Sterling KLEVER TYPE SAFE EDGE CUTTER**

- Automatic blade retracting system prevents injuries
- Suits both right and left handers
- Symmetrical design allows blade to be inserted upside down for left handed users

BOX QTY	CARTON QTY	DESCRIPTION	CODE
100	500	Black Bulk	326-2

326-2



SAFETY KNIVES

Sterling TOUCH KNIFE WITH KEY RING

- Automatic spring loaded blade return
- Convenient pocket knife with self retracting blade
- Ideal promotional product

► Replacement blades: 470-040R.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
120	2400	Yellow Bulk	16

16



Sterling GREEN SLITTER ENCLOSED BLADE - HEAVY DUTY

- Ergonomic cutter with finger hole to prevent slipping
- Ideal for opening cartons, slitting film, bubble wrap, tape and cutting seatbelts
- Disposable to prevent contact with blade

BOX QTY	CARTON QTY	DESCRIPTION	CODE
50	1500	Bulk	325

325



Sterling SAFETY SLITTER ENCLOSED BLADE LETTER OPENER

- Ergonomic cutter with finger hole to prevent slipping
- Ideal for opening cartons, slitting film, bubble wrap, tape and cutting seatbelts
- Disposable to prevent contact with blade

BOX QTY	CARTON QTY	DESCRIPTION	CODE
24	2880	Bulk	98

98



Sterling SAFETY KNIFE FISH 200

- Replaceable blade available
- Hooked blade at rear for cutting rope, strap, twine etc

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Bulk	F200

F200



Sterling PLASTIC BLADE SAFETY DISPOSAL BIN WITH BELT CLIP

- Safe disposal of used blades
- Sealable for safe handling

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	60	Sharps Container - 0.15L Carded	BLR-B

BLR-B



Sterling MULTI-PRO 12 FUNCTION MULTI-PURPOSE TOOL

- High quality Stainless Steel tools
- Rubber grip inserts
- Supplied with nylon pouch
- Suitable for industry, fishing, sports and promotional gifts
- Closed size 95 x 38 x 19mm



3056

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	100	Red Carded	3056

Sterling BOOT KNIFE WITH WOODEN HANDLE

- Sturdy construction with 2 brass rivets
- Ground blade for superior durability
- Stainless Steel blader

802



BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	240	Stainless Steel Boxed	802

Sterling SCORING KNIFE

The TSK Scoring Knife makes accurate cuts in cement backer boards for most types of installations. The knife is equipped with 3 tungsten carbide tips for quick and easy scoring. It has a comfortable grip.

- Scores cement backer boards
- 3 tungsten carbide scoring tips
- 2 tips for straight cuts and 1 tip for chisel cuts

TSK



BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	240	Scoring Knife	TSK

Sterling 280MM INSULATION CUTTING KNIFE

- Double sided blade
- Serrated blade to cut hard wool
- Wavy blade to cut soft wool
- For cutting mineral wool and polystyrene foam
- Comfortable rubber handle
- Lanyard Hole

58-559



BOX QTY	CARTON QTY	DESCRIPTION	CODE
1		Insulation Saw - Carded	58-559

Sterling TUBE CUTTER WITH REPLACEABLE BLADE

- Cuts up to 12mm (1/2") plastic tube and hose
- Easy and safe to use

► Replacement blades: B-39

TC-11



BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	400	Red Carded	TC-11

TRIMMING BLADES

Sterling HEAVY DUTY - UNIVERSAL FITMENT

- Made in Sheffield - England
- Most popular universal trimming blade
- Sterling blades are made from High Carbon alloy steel precision ground and sharpened to a razor edge that provides maximum sharpness and durability

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	44	Box of 100	921-2
1	10	Dispenser of 100	921-2D
20	2000	Pack of 5	921-3
10	10	Dispenser of 10	921-4D

921



Sterling SAFETY TIP - UNIVERSAL FITMENT

- Rounded tips for safety - no sharp points
- Prevents damage to carton contents
- Made in Sheffield - England
- Ideal for packaging and increased safety
- Will fit most trimming knives

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	44	Box of 100	928-2
1	10	Dispenser of 100	928-2D
20	600	Pack of 5	928-3
10	10	Dispenser of 10	928-4D

928



Sterling TRADE BLADE - UNIVERSAL FITMENT

- Made in UK
- Suits most trimming knives
- Ideal for Drywall Industry

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	30	Dispenser of 100	26100
10	300	Dispenser of 10 Carded	26010

26100



▶ TRIMMING BLADES ARE AVAILABLE IN:



Pack of 5



Dispenser of 10



Dispenser of 100



Box of 100

Sterling STANDARD DUTY - UNIVERSAL FITMENT

- Made in Sheffield - England
- Standard Duty blade for lighter weight work

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	44	Box of 100	911-2
1	20	Dispenser of 100	911-2D
20	2000	Pack of 5	911-3
10	10	Dispenser of 10	911-4D

911



Sterling HEAVY DUTY CENTRE HOLE

- With centre hole to suit special tool holders
- Made in Sheffield - England

BOX QTY	CARTON QTY	DESCRIPTION	CODE
20	2000	Pack of 5	922-3

922



Sterling HEAVY DUTY FOUR HOLE

- With four holes
- Suits some German utility knives and machine applications
- Made in Sheffield - England
- Stainless Steel blades also available

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	Dispenser of 100	924-2D
20	2000	Pack of 5	924-3
10	10	Dispenser of 10	924-4D

924



Sterling HEAVY DUTY MULTIFIT

- Multifit - 3 notches, 4 holes and centre hole
- Suits a range of German safety and utility knives
- Made in Sheffield - England

BOX QTY	CARTON QTY	DESCRIPTION	CODE
20	2000	Pack of 5	926-3

926



Sterling HEAVY DUTY TRIMMER

- Made in Sheffield - England
- Chisel bevel - i.e ground from one face
- Suits carpet wall trimmers

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	44	Box of 100	941-2
1	10	Dispenser of 100	941-2D
20	2000	Pack of 5	941-3
10	10	Dispenser of 10	941-4D

941



TRIMMING BLADES

Sterling EXTRA HEAVY DUTY - UNIVERSAL FITMENT

- Extra thick (0.9mm) Stainless Steel
- Made in Sheffield - England
- Ideal for demanding applications where a strong, rigid blade is required
- Extremely break resistant
- Suits most trimming knives

03-018



BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	30	Box of 100	03-018

Sterling EASY CUT KNIFE BLADE

- Suits Easy-Cut knife No: 411
- Patented blunt points prevent damage to carton contents
- Box contains in-built sharps container for safe disposal of used blades

411B



BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	120	Card of 10	411B-1

Sterling SIDESLIDE BLADE

- Suits 412 Side-slide knife.
- Made in Sheffield - England

412B



BOX QTY	CARTON QTY	DESCRIPTION	CODE
20	800	Tube of 10	412B-1
20	800	Blunt point - Tube of 10	412BP-4

Sterling HOOKED BLADE - UNIVERSAL FITMENT

- Standard depth hook suits most trimming knives
- Ideal for carpet and vinyl cutting
- Made in Sheffield - England

961



BOX QTY	CARTON QTY	DESCRIPTION	CODE
20	240	Card of 5	961-1
1	44	Box of 100	961-2
1	10	Dispenser of 100	961-2D
20	2000	Pack of 5	961-3
10	10	Dispenser of 10	961-4D

Sterling SAFETY POINT HOOKED BLADE - UNIVERSAL FITMENT

- Hook blade with blunt points for safety
- Made in Sheffield - England

968



BOX QTY	CARTON QTY	DESCRIPTION	CODE
20	2000	Card of 5	968-3
10	10	Dispenser of 10	968-4D

Sterling HOOKED BLADE WITH CENTRE HOLE

- Standard depth hook with centre hole suits some carpet trimmer tools
- Made in Sheffield - England

963



BOX QTY	CARTON QTY	DESCRIPTION	CODE
20	2000	Card of 5	963-3
10	20	Dispenser of 10	963-4D

Sterling MEDIUM HOOKED BLADE

- Medium depth hook
- Made in Sheffield - England

964



BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	10	Dispenser of 10	964-4D

Sterling DEEP HOOKED BLADE

- Deep hook suits many trimming knives
- Ideal for carpet and rug cutting
- Made in Germany or Sheffield - England

962



BOX QTY	CARTON QTY	DESCRIPTION	CODE
20	2000	Pack of 5	962-3
10	10	Dispenser of 10	962-4D
10	10	Dispenser of 10 Made in Germany	105-063

Sterling CONCAVE BLADE

- Suits most trimming knives
- Widely used in carpet and vinyl laying
- Strong tip for durability
- Made in Sheffield - England

991



BOX QTY	CARTON QTY	DESCRIPTION	CODE
20	240	Card of 5	991-1
1	44	Box of 100	991-2
1	10	Dispenser of 100	991-2D
20	2000	Pack of 5	991-3
10	10	Dispenser of 10	991-4D

Sterling LINOLEUM BLADE

- Suits some fixed blade knives
- Ideal for linoleum cutting
- Made in USA

03-153



BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	Card of 1	03-153

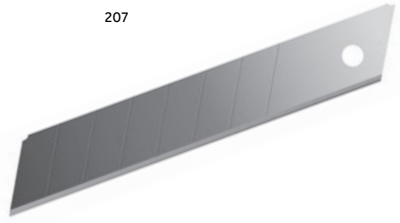
CUTTER BLADES - 25MM

Sterling 25MM EXTRA WIDE SNAP-OFF BLADE - SEGMENTED

- Wider, thicker, stronger for heavy duty use
- 7 point, 25mm wide, 0.7mm thick
- Suits all 25mm Cutters

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	120	Card of 10	207-1NZ
10	70	Tube of 25 - Made in UK	207-2
10	120	Pack of 10 - Made in UK	207-4

207

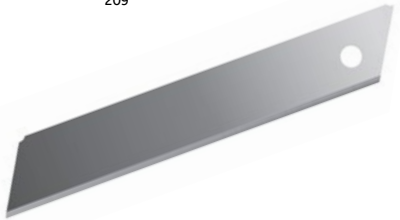


Sterling 25MM EXTRA WIDE BLADE - NON-SEGMENTED

- Wider, thicker, stronger for heavy duty use
- Non snap-off 25mm wide
- Ideal for food and packaging industry applications where control over blade segments is needed
- Suits all 25mm Cutters
- Made in Sheffield - England

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	70	Tube of 25	209-2
10	120	Tube of 10	209-4

209

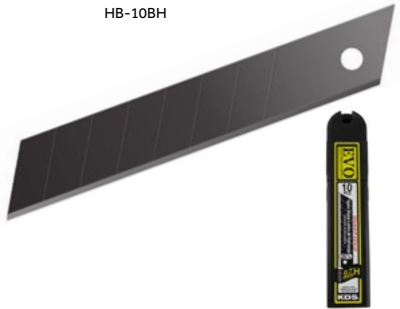


KDS 25MM ULTRA BLACK SNAP-OFF BLADE

- Heat toughened blade
- High grade steel
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	1	Tube of 10	HB-10BH

HB-10BH



▶ SNAP-OFF BLADES ARE AVAILABLE IN:



Card of 10



Dispenser of 100



Tube of 25

Sterling 18MM WIDE SNAP-OFF BLADE

- Most popular and widely used snap-off blade
- 8 point 18mm wide
- 3-Stage grinding process produces a sharper blade that lasts longer
- Made in Sheffield - England
- Suits all 18mm Snap Cutters

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	240	Dispenser of 10 on Card	201-1
10	70	Tube of 50	201-2
10	500	Dispenser of 10	201-4

201

201-XLS

Sterling 18MM XL PREMIUM SILVER SNAP-OFF BLADE

- 4x longer lasting
- Precision ground and sharpened to a razor edge
- Maximum sharpness and durability
- Enhanced polished finish for rust resistance
- 1.25% High carbon steel for excellent durability

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	1	Tube of 50	201-2XLS

Sterling 18MM ULTRA BLACK SNAP-OFF BLADE

- 8 point, 18mm wide Ultra Black blade
- Ultra sharp cutting edge
- Suits all 18mm Snap Cutters
- 3-Stage grinding process produces a sharper blade that lasts longer

BOX QTY	CARTON QTY	DESCRIPTION	CODE
5	50	Tube of 50	201-2BH

201-BH

KDS 18MM EVO POWER BLACK SNAP-OFF BLADE

- 8 point, 18mm wide Power-Black Blades
- Extra sharp cutting edge
- Suits all 18mm Large Snap Cutters
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10		Tube of 50	KDLB-50BH
10		Tube of 10	KDLB-10BH

KDLB

Sterling 18MM SNAP-OFF BLADE

- 8 point 18mm wide
- Popular packaging blade
- Suits all 18mm Snap Cutters

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	200	Dispenser of 10	1404-L
10	100	Card of 10	1404L-1
1	40	Tube of 50	1404L-2

1404L

Sterling 18MM LONG REACH BLADE - NON-SEGMENTED

- 4 point, 18mm wide, 0.5mm thick
- Made in Germany
- Suits 416-1 knife

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	500	Tube of 10	416B-4

416B

Sterling 18MM NON-SEGMENTED BLADE

- Solid non-segmented blade ideal for food and packaging
- Non snap-off 18mm wide
- Made in Sheffield - England
- Applications where control over blade segments is needed
- Also can be used where segment breakage causes safety issues
- 3 Stage grind for sharpness and durability
- Suits all 18mm Snap Cutters

203

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	500	Tube of 10	203-4

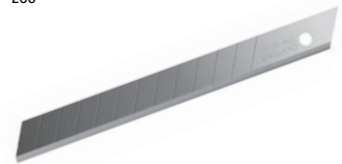


Sterling 9MM SMALL SNAP-OFF BLADE

- Most universal small snap-off blade
- 13 point 9mm
- Made in Sheffield - England
- Suits all 9mm Snap Cutters

200

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	100	Card of 10 - Carbon	200-1
1	200	Tube of 50 - Carbon	200-2
10	700	Tube of 10 - Carbon	200-4
10	100	Tube of 50 - Stainless Steel	200-2SXL
10	200	Tube of 10 - Stainless Steel	200-4SXL



Sterling 9MM SMALL SNAP-OFF BLADE - NON-SEGMENTED

- Solid non-segmented blade - ideal for food and packaging applications where control over blade segments is needed
- Also can be used where segment breakage causes safety issues
- Non snap-off 9mm wide
- Made in Sheffield - England
- Suits all 9mm Snap Cutters

202

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	800	Tube of 10	202-4

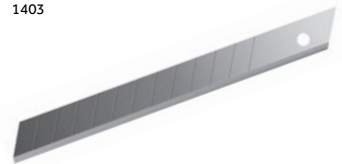


Sterling 9MM SMALL ECONOMY SNAP-OFF BLADE

- 13 point 9mm
- Popular packaging blade
- Suits all 9mm Snap Cutters

1403

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	500	Tube of 10	1403-S

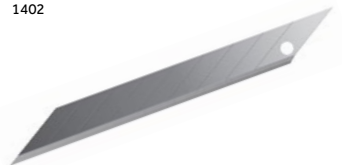


Sterling 9MM SHARP ANGLE SNAP-OFF BLADE

- Sharp angled 9mm wide
- Ideal for precision cutting in Graphic Arts and Sign Writing industries
- Suits most 9mm Snap Cutters

1402

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	100	Tube of 10	1402-4Y



Sterling BRASS BUTTON SCRAPER

- Made in USA
- The most popular universal scraper
- Blade cannot slide out during use which makes this scraper safer to use
- Demanded by Professionals
- Takes blades 30-112CL, 30-117, PSEB-25.

80-200



BOX QTY	CARTON QTY	DESCRIPTION	CODE
50	300	Bulk	80-200

Sterling METAL SCRAPER

- Heavy duty scraper
- Made in USA
- Contoured handle for superior control
- Takes blades 30-112CL, 30-117, PSEB-25

80-202



BOX QTY	CARTON QTY	DESCRIPTION	CODE
100	100	Bulk	80-202

Sterling LONG REACH LONG HANDLED SCRAPER

- Comfortable rubber grip handle
- 200mm (8") long metal handle for hard to reach areas
- Blade held tightly with screw clamp
- Takes single edge blades
- Takes blades 30-112CL, 30-117, PSEB-25.

14-708



BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	120	Hangable with blade	14-708

Sterling WINDOW SCRAPER

- Most popular window scraper
- Comes with replaceable plastic cap
- Easily attaches to Extension Poles
- Replacement Blade 820943.

HDSCR



BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Carded	HDSCR

SCRAPERS

Sterling RED PLASTIC SCRAPER

- Supplied with safety cap
- Takes Heavy Duty Trimming blade 921, 924.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	144	Carded	TH48A

TH48A



Sterling TIMBER HANDLED PAINT SCRAPER

- Through Tang
- Hi-Carbon Steel blade

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	120	25mm (1") Timber	7263-S1
12	120	50mm (2") Timber	7263-S2
12	120	75mm (3") Timber	7263-S3
12	120	100mm (4") Timber	7263-S4

7263



Sterling RHINO-GRIP STAINLESS STEEL SCRAPER

- Rubberized RHINO GRIP handle provides comfortable, secure grip even in wet areas
- Quality Polished Stainless Steel scraper blade has ideal flexibility and durability
- Suitable for industrial and Food applications

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	120	25mm (1") Rhino Grip Scraper	7363-S1
12	120	50mm (2") Rhino Grip Scraper	7363-S2
12	120	75mm (3") Rhino Grip Scraper	7363-S3
12	120	100mm (4") Rhino Grip Scraper	7363-S4

7363



TUFF TUNGSTEN CARBIDE SCRAPER - 50MM WIDE

- General-purpose, premium quality, solid steel construction scraping tool.
- The wing nut on top allows its double edge blade to be reversed or replaced easily and securely with two lugs that lock it in place.
- This tool is ideal for scraping paint, timber, varnish and glue with or without a flame.
- Threaded end for extension poles
- For wooden surfaces
- Solid Steel construction
- Replaceable blades
- Reversible Tungsten Carbide Blade
- Takes blades TTB-5, TTB-10

BOX QTY	CARTON QTY	DESCRIPTION	CODE
		Silver - Carded	TTS-50

Thread in handle for extension

TTS-50



Sterling PAINT SCRAPER (100MM) FLOOR & WALL

- 300mm (12") handle
- 3 screws hold the blade securely
- Ideal for paint, wallpaper and light floor preparations
- Replacement blade: 50-151-4.



TH6230

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	50	Carded	TH6230

Sterling TOUGH-SCRAPE (100MM) FLOORING SCRAPER

- Heavy duty wall and floor scraper
- 3 screws holds blade tightly and prevents slipping
- Comfortable cushion grip handle
- Available with 3 different handle lengths 300mm (12"), 450mm (18"), 1200mm (48")
- Replacement blade: 50-151-4, 50-153-2, 6234



14-010

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	60	12" Handle Bulk	14-010
10	60	18" Handle Bulk	14-030
6	24	48" Handle Bulk	14-048

Sterling POWER SCRAPE (185MM) FLOOR SCRAPER

- 430mm (18") handle
- Power weighted ball grip for extra grunt
- 3 screws in head to hold blade securely
- Ideal for toughest applications
- Replacement blade: 50-089-4.



14-088

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	1	Silver Bulk	14-088

Sterling TELESCOPIC 200MM FLOOR SCRAPER

- Handle extends from 950mm (38") to 1600mm (63") with twist lock
- 4 screws in head securely hold blade in position
- Stand up scraper - ideal for floor preparation
- Takes blade 40-201-4.



14-086

BOX QTY	CARTON QTY	DESCRIPTION	CODE
2	6	Silver - Bulk	14-086

Sterling SINGLE EDGE RAZOR BLADE

- #9 gauge (.009")
- Most popular scraper blade
- Used in automotive, glazing, cleaning etc.
- Made in USA
- Suits scrapers 80-202, 80-200, 14-708.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1		Box of 100	05-491
10	50	Clamshell of 100	30-112CL
10		Card of 5	291-1

30-112CL



Sterling SINGLE EDGE - HEAVY DUTY RAZOR BLADE

- Made in USA. #12 gauge (.012")
- Thicker blade for increased rigidity and heavier scraping applications
- Suits scrapers 80-202, 80-200, 14-708.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	50	Box of 100	30-117

30-117



Sterling PLASTIC SINGLE EDGE BLADE

- Fits all single edge scraper tools
- Double sided gives 2 edges per blade
- Does not mark auto paint and other finished surfaces
- Provides increased safety
- Suits scrapers 80-202, 80-200, 14-708.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	100	Packet of 25	PSEB-25

PSEB-25



TUFF 50MM TUNGSTEN CARBIDE SCRAPER BLADE

- Fits all common hand scrapers including Linbide.
- Reversible double edge blades
- 50mm x 12mm x 1.5mm
- Ideal for scraping paint, timber and wooden surfaces, varnish and glue with or without a flame

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	100	Card of 5	TTB-5
1	30	Tube of 10	TTB-10



TTB



Sterling HEAVY DUTY 100MM WALL & FLOOR BLADE

- Heavy Duty 100mm (4") Single Edge Scraper Blade
- Suits scrapers No. TH6230, 14-010, 14-012, 14-048 plus most 4" scrapers.
- Made in USA.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	100	Tube of 10	50-151-4

50-151-4



Sterling 125MM WALL & FLOOR BLADE

- 125mm (5") Single Edge Scraper Blade
- Suits No. 14-088 5" Scraper.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	20	Tube of 50	50-089-4

50-089-4



Sterling 204MM FLOORING BLADE

- 204mm (8") Single Edge Scraper Blade
- Made in USA
- Suits 14-086 Scraper.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	Tube of 10	40-201-4

40-201-4



Sterling 94MM DOUBLE SIDED BLADE

- Made in Germany
- Suits No. HDSCR Black Scraper.
- Also suits other 94mm (4") plastic scrapers

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	1	Pack of 10	820943

820943



Sterling 125MM DOUBLE SIDED BLADE

- 125mm 5" Double Sided Blade
- Made in Germany
- Suits No. 1918 Champion Scraper

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	1	Pack of 10	821252

821252



Sterling 152MM DOUBLE SIDED BLADE

- 152mm 6" Double Sided Blade
- Made in Germany
- Suits No. 1915, 1916 and 1917 Triumph Mk2 Scraper

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	1	Pack of 10	821502
1	1	Pack of 25	854-020

821502



Sterling ROUND CORNERED SLOTTED BLADE

- Used for plastic slitting and carpet laying tools
- Round cornered
- Long Life TiN, TiCN, TIC & DuraCoat Coatings available
- Suits 18-420, 18 410.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	50	Box of 10	40-101-2
1	50	Pack of 10	40-101-4
1	200	TiN Coated - Gold	40-101-TNC

40-101-4



Sterling SQUARE CORNERED SLOTTED BLADE

- Used for plastic slitting and other machine applications
- Square cornered
- Long Life TiN, TiCN, Black Diamond & DuraCoat Coatings available

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	50	Box of 100	40-150-2
1	200	TiN Coated - Gold	40-150TNC
1	200	Black Diamond Coated - Black	40-150BD

40-150-2



Sterling ROUND CORNERED TECHNICAL BLADE

- Widely used for plastic slitting
- Three hole, round cornered
- Made in Germany
- Long Life TiN Coatings available
- Suits 440-1, 18-002.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	100	Box of 10 Light Duty	40-010
1	1	Pack of 10 Heavy Duty	420-4

40-010



Sterling ROUND CORNERED MICA KNIFE BLADE

- Suits #100R Safety Mica Knife.
- Round corner.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	50	Tube of 10	451-040R

451-040R



Sterling BLADE FOR TOUGH TUSK CARTON OPENER

- Suitable for 442-1 Tough Tusk Carton Opener.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	50	Tube of 10	TH82B

TH82B



Sterling INJECTOR BLADE

- Stainless Steel
- Made in USA
- Long life TiN, TiCN & Black Diamond Coatings available
- Also suits some Venus fibreglass Chopper Guns

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	200	Dispenser of 20	70-1102-3
10	10	TiN Coated - Gold	70-1102TNC
10	10	Black Diamond Coated - Black	70-1102BD

70-1102TNC



70-1102BD



Sterling 28MM ROTARY CUTTER BLADE

- 28mm diameter
- Suits 441-1, and OLFA 28mm Rotary cutters.
- SKS-7 Tungsten Alloy Steel

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	60	Card of 2	RB-03

RB-03



Sterling 45MM ROTARY CUTTER BLADE

- 45mm diameter
- Suits OLFA 45mm Rotary Cutters
- SKS-7 Tungsten Alloy Steel

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	60	Card of 2	RB-01

RB-01



Sterling 60MM EXTRA LARGE ROTARY CUTTER BLADE

- 60mm diameter
- Suits OLFA 60mm Rotary Cutters
- SKS-7 Tungsten Alloy Steel

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	40	Card of 2	RB-60



RB-60



Sterling DOUBLE HEAD KLEVER CUTTER BLADE

- Suits KCJ-XC.
- Made in USA
- Ideal for cutting plastic strapping and cardboard

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	40	Bulk	KCJ-XH-20

KCJ-XH-20



Sterling SINGLE HEAD KLEVER CUTTER BLADE

- Suits KCJ-XC.
- Made in USA
- Ideal for opening boxes, cutting strapping

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	40	Bulk	KCJ-XH-30

KCJ-XH-30



ART KNIVES & BLADES

Sterling LIGHT DUTY No. 1 PRECISION ART KNIFE

- Supplied with safety cap to prevent injury
- Strong metal blade holding chuck is durable and eliminates movement
- Knurled finger grip for superior control

► Replacement blades: 01-111-1

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	480	Silver carded	50001

50001



Sterling HEAVY DUTY No. 5 PRECISION ART KNIFE

- Supplied with safety cap to prevent injury
- Strong Metal blade holding chuck is durable and eliminates movement
- Takes both router blades and large shank craft blades
- Large plastic grip provides better hold for heavier cutting jobs

► Replacement blades: 01-203-1, 05-0091-1, 05-0091-2, 05-0091-3, 05-0091-4

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	12	Red carded	50005

50005



Sterling No. 11 CRAFT BLADE

- Most popular craft blade for detail and graphics cutting
- Suits art knife 50001

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	Box of 100	01-111-2
20	20	Card of 5	111-1

01-111-2



TUFF ROUTER BLADES

- Used for vinyl flooring and hobby work
- Made in USA
- Suits 50005 art knife.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	1	Diamond Shape - Card of 2	05-0091-1
10	10	Flat Rectangular - Card of 2	05-0091-2
12	12	Small Round - Card of 2	05-0091-3
12	12	Large Round - Card of 2	05-0091-4

05-0091-1



05-0091-2



05-0091-3



05-0091-4





SNIPS & SCISSORS

241

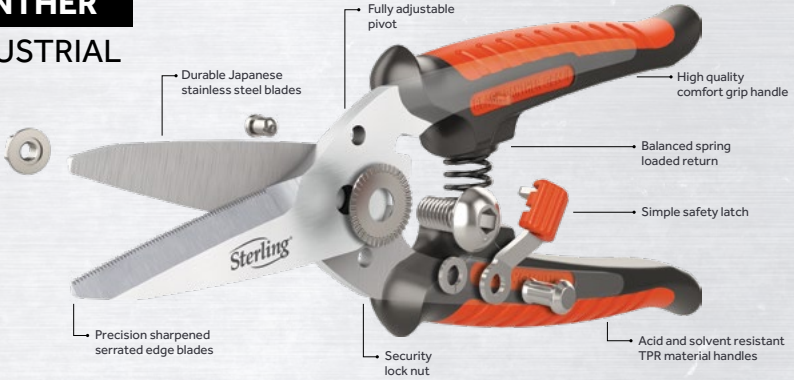
SNIPS

242

SHEARS & SCISSORS

246

BLACK PANTHER
GEN II INDUSTRIAL
SNIPS



Sterling **GEN II BLACK PANTHER INDUSTRIAL SNIPS**

- Stainless steel serrated edge blades for increased cutting capacity
- HRC53 - Rockwell Hardness
- Comfort grip handles made from impact and solvent resistant TPR material
- Upgraded locking clasp with comfort grip
- Anti-slip ridges for extra grip
- Smooth, resistance free mechanism for precise cutting
- Sturdy nylon holster available - Code STC65.

Ideal for various applications including: Wire, aluminium, sheet metal, carpet, leather, rubber, gardening, food prep, camping and more.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	72	185mm Industrial Snips	29-721
12	72	200mm Long Cut Industrial Snips	29-720
12	72	185mm High Tensile Industrial Snips	29-722



29-721



29-720



29-722



Sterling BLACK PANTHER INDUSTRIAL SNIPS

- Comfort grip ergonomically designed handles
- Stainless Steel serrated edge blades for increased cutting capacity
- Ideal for multiple applications from thin wire to Kevlar®
- Ideal knife replacement tool
- Sturdy nylon holster available - Code STC65.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	72	185mm Industrial Snips	29-701
12	72	185mm Industrial Snips - Rounded tip	29-704
12	72	200mm Long Cut Industrial Snips	29-700
12	72	185mm High Tensile Industrial Snips	29-702



Black Panther Counter Display (Trucut NZ distributors only)



29-701



29-700



29-702



MCC. ALL PURPOSE SNIPS

- For all your utility cutting work.
- Compact, durable and sharp.
- Anti-slip Vinyl grip.
- 0.8mm Tin Plate Cutting Capacity
- Easy one hand cutting with superior performance and durability.
- Adjustable blade opening.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	12	210mm - Carded	MU-0020

MU-0020



MCC AVIATION SNIPS

- Easy one hand cutting with superior performance and durability.
- Blade opening is adjustable.
- Spring loaded handles makes your job easier as it automatically opens up the blade for next cut.
- Cuts up to 0.6mm Tin plate
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	12	Aviation Snip 225mm - Carded	ASR-0101

ASR-0101



Sterling AVIATION TIN SNIPS

- Drop forged molybdenum alloy blades induction hardened for long life
- Cuts up to 1.5mm cold rolled steel or 1.0mm Stainless Steel
- Hi-Tensile pivot bolt for maximum durability
- Squeeze quick-release handle catch
- TPR rubber grip handles for extra comfort
- FREE Plastic Belt Holster

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	36	Red - Left Cut Carded with Holster	29-751
6	36	Green - Right Cut Carded with Holster	29-752
6	36	Yellow - Straight Cut Carded with Holster	29-753
6	36	Yellow - 75mm Long Cut Carded with Holster	29-756

29-751



29-752



29-753



29-756



29-765



29-766



Sterling OFFSET TIN SNIPS

- Drop forged molybdenum alloy blades induction hardened for long life
- Cuts up to 1.5mm cold rolled steel or 1.0mm Stainless Steel
- Squeeze quick-release handle catch
- FREE Plastic Belt Holster
- TPR rubbergrip handles for comfort

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	36	Red - Left Cut with Holster	29-765
6	36	Green - Right Cut with Holster	29-766



Sterling UPRIGHT TIN SNIPS

- Drop forged Molybdenum alloy blades
- Upright design for cutting in difficult access situations
- Induction hardened for long life
- Blades meet precisely at point allowing accurate cuts
- Compound leverage
- Serrated edges, no slipping
- Safety auto latch
- FREE plastic holster

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	36	Red - Left Cut with Holster	29-775
6	36	Green - Right Cut with Holster	29-776



29-775



29-776

**Sterling DUCK BILL HEAVY DUTY MITRE SHEARS**

- Max cutting length - 50mm
- Jaw height - 40mm Graduated base plate for accurate angle cuts
- Heavy duty construction for durability
- Ideal for cutting PVC, concreting fillet, and small timber moldings
- Replaceable blade and anvil

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	36	Carded	3104N



3104N

**Sterling BLACK PANTHER CARPET SHEARS**

- Stainless steel serrated edge blades
- Angled handles keep hands above carpet and other sheet materials
- Cranked handle shears
- Ideal for carpet and sheet materials

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	48	250mm Carded	29-904



29-904



Sterling BLACK PANTHER SCISSORS

- Ambidextrous comfort grip handles
- Knife edge and serrated edge blade styles
- Supremely sharp Stainless Steel blades
- Ideal for all industrial, food processing and stationery applications.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	72	210mm Serrated Edge - Carded	29-800
12	72	220mm Knife Edge - Carded	29-810
12	72	220mm Curved Right - Carded	29-811
12	72	220mm Curved - Carded	29-812
12	72	235mm Serrated Edge - Carded	29-900
12	72	245mm Knife Edge - Carded	29-910
12	72	250mm Serrated Edge - Carded	29-902



29-800



29-910



Serrated Edge



Knife Edge



Ambidextrous
Handles

Sterling BLACK PANTHER TAILORING SCISSORS

- Premium quality tailoring shears
- Ambidextrous comfort grip handles
- Knife edge and serrated edge blade styles
- Supremely sharp Stainless Steel blades
- Ideal for tailoring, upholstery & industrial applications.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	36	280mm Knife Edge - Carded	29-911
6	36	280mm Serrated Edge - Carded	29-915
6	36	300mm Knife Edge - Carded	29-912
6	36	300mm Serrated Edge - Carded	29-916



29-902



29-915



29-916



Serrated Edge



Knife Edge



Ambidextrous
Handles

Sterling STEEL TAILORING SHEARS

- Steel tailoring shears with red handles
- Smooth knife edge blades
- Adjustable pivot for resharpener
- Made in Europe

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	1	10" - Boxed	TSS-10
1	1	12" - Boxed	TSS-12



TSS-10



TSS-12



Sterling SMARTCUT SCISSORS

- Rubberised comfort grip scissors, blue handles with green rubber inserts
- Premium quality with double honed Stainless Steel blades and adjusting screw

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	300	140mm Carded	2005
12	300	155mm Carded	2006
12	300	175mm Carded	2007
12	180	195mm Carded	2008
12	180	215mm Carded	2009
12	180	245mm Carded	20010



2005



2008



20010



Sterling BLACK PANTHER KITCHEN SCISSORS

- Ambidextrous handles
- 205mm (8") black handled
- Serrated edge Stainless Steel blades
- Bottle and lid openers

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	72	205mm Serrated Edge - Carded	29-802



29-802





Sterling STEALTH

TUFF
SAFETY
FACE GUARD GLOVE

2



MEASURING

249

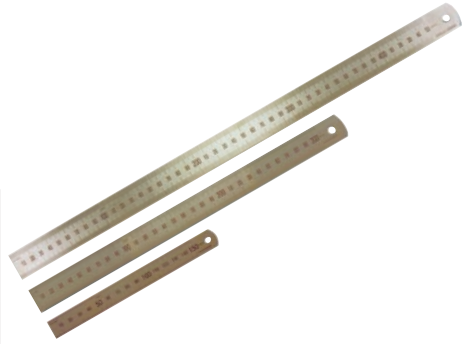
RULERS	250
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MAGNETIC BASE STAND	255
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MEASURING WHEEL	260

RULERS

Sterling STAINLESS STEEL RULERS

- Hardened Stainless Steel rules
- Metric/Imperial markings and metric only markings available
- ISO9001 certified manufacturer assures accuracy
- All markings are etched into the Stainless Steel for durability
- Metric only rules have conversion chart on back

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	500	150mm/6" Stainless Steel Ruler - Metric/Imperial	1521
10	500	150mm/6" Matte Stainless Steel Ruler - Metric/Imperial	1521H
10	500	150mm Stainless Steel Ruler - Metric only	1521-M
10	250	300mm/12" Stainless Steel Ruler - Metric/Imperial	3021
10	250	300mm/12" Matte Stainless Steel Ruler - Metric/Imperial	3021H
10	250	300mm Matte Stainless Steel Ruler - Metric only	3021-M
10	100	450mm/18" Stainless Steel Ruler - Metric/Imperial	4521
10	100	600mm/24" Stainless Steel Ruler - Metric/Imperial	6021
10	100	600mm/24" Matte Stainless Steel Ruler - Metric/Imperial	6021H
10	100	600mm Stainless Steel Ruler - Metric only	6021-M
10	60	1000mm/40" Stainless Steel Ruler - Metric/Imperial	10021
10	30	1500mm/60" Stainless Steel Ruler - Metric/Imperial	15021
10	1	2000mm/80" Stainless Steel Ruler - Metric/Imperial	20021



Sterling 60R TYPE FOLDING LINE OF CHORDS RULE

- Metric graduations conform to the requirements of the B.S 4372 : 1968
- No. 60R
- 600mm Folding Ruler
- Determine circumference of circles from diameter measurements
- Used with dividers to measure angles
- Rustless steel with polished finish
- Permanent etched figures & graduations
- Instructions enclosed

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	100	600mm - Hangable polybag	6060R



Sterling FOLDING RULE

- Made from white engineered plastic
- Graduations on both sides in mm, 10mm increments on the top edge
- Folds out to 1000mm (1m)
- Smooth, heavy-duty hinge
- Markings etched for long life
- Bevelled edge for easy marking out
- 10mm thick when folded

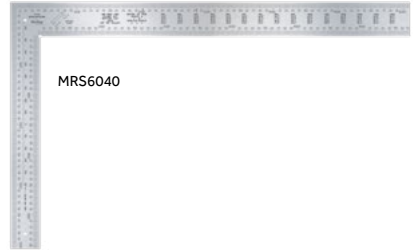
BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	200	Carded	FR1000



Sterling METRIC RAFTER & FRAMING STAINLESS STEEL SQUARE

- Heavy-duty carpenter's rafter/roofing square
- High-quality stainless steel for durability and long life
- Permanent metric etched and inked measurements
- Marking includes Essex board measure, octagon scale, brace scale and rafter table
- Stainless steel construction
- 600 x 400mm size

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	120	600 x 400mm Bulk	MRS6040



Dasqua STANDARD COMBINATION SQUARE

The rafter square and combination square are widely used by professional carpenters.

- CNC Machined for higher accuracy and uniformity.
- Black Anodized surface for corrosion protection.
- Laser engraved marks provide greater accuracy.
- In-built Scriber

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	1	300mm/12" - Boxed	DCS-300



DCS-300



Sterling STANDARD COMBINATION SQUARE

- Multipurpose gauge
- Strong and accurate
- Stainless steel blade with etched markings for durability
- Sturdy aluminium headstock
- Machined faces and Locking Spring ensure accuracy and precision adjustment
- In-built Scriber

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	500	No. 52 - Metric - Carded	COMBS52
10	250	No. 52 - Metric/Imperial - Carded	COMBS52ME



COMBS52



TUFF HEAVY DUTY COMBINATION SQUARE

The TUFF Heavy Duty Combination Square has been designed for the professional Kiwi Tradesman. It features precision measurements and levels, and is a strong, reliable long lasting tool.

- Suitable for all trades and applications.
- Multi-purpose gauge
- Cast iron stock
- Stainless steel blade
- In-built Scriber

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	500	No. 53 - Metric - Carded	THDCS53M
10	250	No. 53 - Metric/Imperial - Carded	THDCS53I



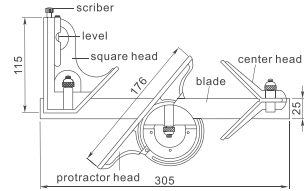
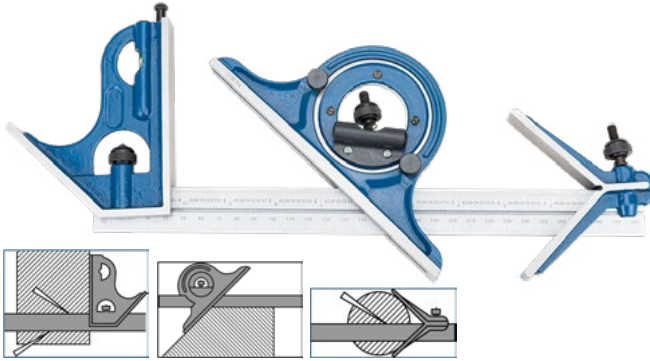
THDCS53M



Dasqua[®] COMBINATION SQUARE SET

- Premium Quality With 2 Year Manufacturer's Warranty
- Precision Ground Cast Iron Stock
- Powder-coated Finish Guaranteeing High Surface Durability.
- 300mm Stainless Steel Ruler with Chrome Finish, Metric & Imperial Markings
- 4 piece set in a sturdy box: Square head, center head, protractor and blade.
- Double indexed protractor is graduated 180° in both directions.
- Plastic Storage case

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	4 Piece Set - Plastic box	DCSS-2010



Dasqua[®] MEASURING TOOL SET

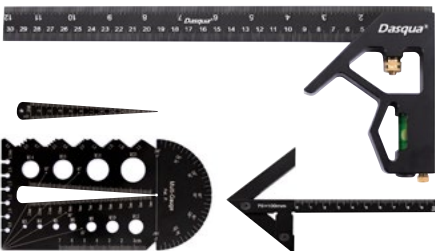
- CNC Machined for higher accuracy and uniformity.
- Black Anodized surface for corrosion protection.
- Laser engraved marks provide greater accuracy.
- Set contents:
1x Combination Square / 1x Multi-Function Gauge
1x Center Square / 1x Rafter Square / 1x Scriber
- Storage case

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	5	5 Piece Set - Deluxe box	DMSET5
1	10	Combination Square 300mm/12"	DCS-300
1	10	Multi-Function + Taper gauge	DMFG
1	10	Center Square 100mm	DPCS-100
1	40	Rafter Square 175mm	DRS-175
1	10	Scriber 150mm	DSCR-150



DMSET5

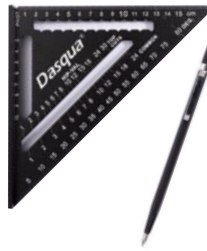
DCS-300



DMFG

DPCS-100

DRS-175



DSCR-150



Dasqua® GENERAL PURPOSE MEASURING SET - 2PC

- Big Screen Digital Caliper 0-150mm
- Digital Outside Micrometer 0-25mm
Special carbide used on measuring anvil instead of traditional easy-wear off carbide tip.
Stainless Steel newly adapted on spindle instead of carbon steel.
Ratchet stop for constant force (5-8Nm, 20% higher than normal)
- Plastic Storage case

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	2 Piece Set - Plastic case	DCMSET2



Dasqua® GENERAL PURPOSE MEASURING SET - 4PC

- Big Screen Digital Caliper 0-150mm
- Outside Micrometer 0-25mm
- 90° Beveled Edge Square
- Steel Ruler 150mm
- Plastic Storage case

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	5 Piece Set - Plastic case	DCMSET4



Dasqua® 90° FLAT EDGE SQUARE - HEAVY BASE

- Precision ground base for measuring and checking the flatness error.
- Used for checking the straightness, parallelism and perpendicularity.
- Strictly made in accordance with DIN 875.
- Made of hardened stainless steel.
- Satin chrome finish for glare-free easy reading.
- Measuring surfaces are precision ground and lapped.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	90° Flat Edge Square Heavy Base - 50x40mm	DFES50
1	10	90° Flat Edge Square Heavy Base - 75x50mm	DFES75
1	10	90° Flat Edge Square Heavy Base - 100x70mm	DFES100
1	10	90° Flat Edge Square Heavy Base - 150x100mm	DFES150
1	10	90° Flat Edge Square Heavy Base - 200x130mm	DFES200
1	10	90° Flat Edge Square Heavy Base - 250x160mm	DFES250
1	10	90° Flat Edge Square Heavy Base - 300x200mm	DFES300

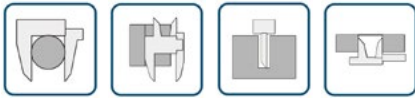


VERNIER CALIPERS

Dasqua[®] STAINLESS STEEL MONOBLOCK VERNIER CALIPER

- Vernier Caliper with fine adjustment
- Made of solid stainless steel
- Strictly made in accordance with DIN862
- Distinct lines and figures etched against satin chrome finish
- With locking screw for stable reading
- Four-way measuring: outside diameter, inside diameter, step and depth
- Plastic Storage case

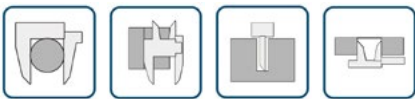
BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	35	Monoblock Stainless Vernier Caliper 0-150mm Measuring Range: 0-150mm / 0-6" Graduation: 0.02mm / 0.001" Accuracy: 0.03mm	DCMB150
1	24	Monoblock Stainless Vernier Caliper 0-200mm Measuring Range: 0-200mm / 0-8" Graduation: 0.02mm / 0.001" Accuracy: 0.03mm	DCMB200
1	12	Monoblock Stainless Vernier Caliper 0-300mm Measuring Range: 0-300mm / 0-12" Graduation: 0.02mm / 0.001" Accuracy: 0.03mm	DCMB300



Dasqua[®] DIGITAL EZI-READ VERNIER CALIPER

- IP54 Waterproof protection against water, oil, dust or any other liquid.
- Auto turn-off if it is not operated after some minutes.
- Zero at any position and retains last zero setting when switched-off.
- Silky smooth movement throughout.
- Hardened, ground and lapped measuring surfaces.
- Four-way measuring: outside diameter, inside diameter, step and depth
- Reliable High Precision.
- Excellent surface and stability.
- High durability and long lifetime.
- Great for industrial use.
- Strictly made in accordance with DIN862.
- Units: mm / in / F
- Plastic Storage case

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	35	Digital Vernier Caliper Ezi-Read 0-150mm Measuring Range: 0-150mm / 0-6" Reading: 0.01/0.0005"/1/128" Accuracy: 0.02mm / 0.001" Battery: CR2032 (included)	DC150-1005
1	24	Digital Vernier Caliper Ezi-Read 0-200mm Measuring Range: 0-150mm / 0-8" Reading: 0.01/0.0005"/1/128" Accuracy: 0.02mm / 0.001" Battery: CR2032 (included)	DC200-1010
1	12	Digital Vernier Caliper Ezi-Read 0-300mm Measuring Range: 0-150mm / 0-12" Reading: 0.01/0.0005"/1/128" Accuracy: 0.02mm / 0.001" Battery: CR2032 (included)	DC300-1015



IP54 PROTECTION
Against water, oil, dust or any other liquid

Dasqua[®] ULTRA-PRECISION OUTSIDE MICROMETER

- Strictly made in accordance with DIN 863.
- Spindle thread hardened, ground and lapped for ultimate accuracy.
- With spindle lock.
- New special carbide used on measuring anvil instead of traditional easy-wear off carbide tip. The measuring faces of the anvil and spindle directly contact with the object to be measured, which means these 2 surfaces are most likely to chip. Carbide-tipped significantly increase the using life of the micrometer.
- Precision Ground Stainless Steel threading rod replacing alloy/carbon steel threading rod mostly used in the industry.
- Clear graduations laser-etched on satin chrome finish for easy reading.
- With ratchet stop for constant force(5- 8N 20% better than the normal standard of 5-10N).
- Plastic Storage case



BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	5	Outside Micrometer 0-25mm Measuring Range: 0-25 mm / 0-1" Graduation: ±0.01 mm / 0.0004" Accuracy: 0.004 mm / 0.0001575"	DOM8105
1	5	Outside Micrometer 25-50mm Measuring Range: 25-50 mm / 0-1" Graduation: ±0.01 mm / 0.0004" Accuracy: 0.004 mm / 0.0001575"	DOM8110

Dasqua[®] HIGH ACCURACY DIAL INDICATOR

- Used to measure surface flatness as well as axial runout and also used to check tool set up and squareness
- Limit indicator clips included
- Strictly made in accordance with DIN878
- Jeweled bearings providing the lowest possible bearing friction
- With narrowed range and higher accuracy
- Plastic Storage case



BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	High Accuracy Dial Indicator 0-10mm Measuring Range: 0-10 mm Graduation: ±0.01 mm Accuracy: 0.017 mm Hysteresis: 0.003mm	DDI0000

Dasqua[®] MAGNETIC BASE STAND HOLDER WITH FINE ADJUSTMENT

- 150° V-grooved base can be placed on the cylindrical surfaces as well as flat surfaces for easily fixing the indicators.
- Well selected ferrite permanent magnet with magnetic force greater than calibration value
- On/off switch for magnet, easy to move the base without the influence of magnetic force. CNC
- Solid structure with surfaces electroplated and end-faces
- With clamp holes of Φ4mm, Φ8mm, 3/8", which satisfy the use of most indicators and test indicators
- With fine adjustment device, which is heat-treated to ensure stability and durability



BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	Magnetic Base with Fine Adjustment Holding Power: 60kg Base: 60x50x55 mm Main Pole: Φ12x176mm Sub Pole: Φ10x150mm Dia. of Clam Hold: Φ6/Φ8 Weight: 1.5kg	DDI0000

TAPE MEASURES

Sterling PROFESSIONAL RUBBER GRIP TAPE MEASURE

- 4 rivet end hook for extra strength on 8m & 10m tapes
- Double nylon coated matte finish blade for abrasion resistance
- Rubber sides and grip for comfortable use
- Extra thick blade material for superior life
- Fully graduated millimetre markings to limit 100mm syndrome
- Thickened true zero end hook to maintain accuracy
- Each tape supplied with hanging card for display

CARTON QTY	DISPLAY TRAY QTY	DESCRIPTION	CODE
72	24	5m x 19mm Metric	TBC5019
36	18	8m x 25mm Metric	TBC8025
36	18	10m x 25mm Metric	TBC1025

► Ask about our personalised branding options



Create your own label

Sterling E TAPE MEASURE

- Rubber back case
- Metric markings
- 3 rivet end hook
- The most consistently accurate, value tape measure range

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	120	3m x 16mm Metric - Carded	389
12	72	5m x 19mm Metric - Carded	589
12	24	8m x 25mm Metric - Carded	889
12	24	10m x 25mm Metric - Carded	1089



Sterling V-FORCE TAPE MEASURE

- Compact design for easier handling
- Hi-Vis Yellow to locate quicker
- Clear graduated millimeter markings
- Attractive counter display of 12

- 3x Hi-Vis colours for easy location
- Attractive counter display of 12pcs:
Yellow: 12 pcs
Fluro: 4x Pink, 4x Orange, 4x Green

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	24	8m x 25mm Metric - Yellow	V8025
12	24	8m x 25mm Metric - Fluro	V8025F

V8025



► Ask about our personalised branding options

V8025F



Sterling **Ultimax PRO** EASYREAD TAPE MEASURE

**WIDE LAYERED
EASYREAD
SUPERBLADE**



- EasyRead double sided blade printing with nylon coating.
- Reinforced 4 rivet dual hook with magnet.
- Layered SuperBlade for maximum durability
- Superior internal mechanism provides smooth operation.
- High impact resistant ABS casing with non-slip grip.
- Strong end hook to keep true zero
- Clear metric millimetre markings

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	12	8m x 27mm Metric - Carded	TMFXE8027
6	12	10m x 27mm Metric - Carded	TMFXE1027

WHAT IS EASYREAD?

Easyread has been developed for optimised readability. The double-sided, white printed blade features vertical measurement markings for ease of use and improved distance reading - making it almost impossible to misread measurements.

Easyread is perfect for any application where the blade is away from the user making these markings. This is quickly becoming a must-have amongst tradesmen.



Sterling ULTIMAX PRO TAPE MEASURE

- Double sided blade printing with nylon coating
- Clear metric millimetre markings
- High impact resistant ABS casing with non-slip grip
- Strong end hook to keep true zero
- Reinforced 4 rivet dual-hook with magnet
- Superior internal mechanism provides smooth operation
- Layered wide SuperBlade for maximum durability
- Extended standout utilising superblade technology
- Wide blade for long stand out - 3.0m

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	12	8m x 27mm Metric - Carded	TMFX8027



Sterling ULTIMAX TAPE MEASURE

- Double sided blade printing
- High impact resistant ABS casing with non-slip grip
- Reinforced 4 rivet dual-hook
- Superior internal mechanism for smooth operation
- Layered nylon blade for maximum durability

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	12	2m Metric - Bulk	TMX2013
6	12	8m x 25mm Metric - Carded	TMX8025
6	12	8m x 25mm Metric/Imperial - Carded	TMX8025I
6	12	10m x 25mm Metric - Carded	TMX1025



Sterling ULTIMAX EASYREAD TAPE MEASURE

- Easyread double sided blade printing
- High impact resistant ABS casing with non-slip grip
- Reinforced 4 rivet dual-hook with magnet
- Superior internal mechanism for smooth operation
- Layered nylon blade for maximum durability

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	12	5m x 19mm Metric - Carded	TMXE5019



Sterling PROFESSIONAL STEEL CLOSED REEL TAPE

- 10mm abrasion resistant nylon coated steel blade
- Rubber grip impact resistant case
- Belt clip on back
- Claw & loop end hook for any job
- Easy winder in side for fast retraction

BOX QTY	CARTON QTY	DESCRIPTION	CODE
5	10	30m x 9.5mm Metric - Carded	TLR3095

TLR3095



Sterling FIBREGLASS CLOSED REEL TAPE

- Closed reel fibreglass lay flat tape
- Strong ABS case
- 13mm wide reinforced fibreglass tape

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	60	30m/100ft x 13mm Metric/Imperial - Boxed	B3013

B3013



Sterling STEEL OPEN REEL TAPE - NR SERIES

- Open reel casing
- High quality 10mm nylon coated steel blade
- Suitable for surveying, building, fencing, etc

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	30m x 10mm Metric - Boxed	NR3010
1	10	50m x 10mm Metric - Boxed	NR5010
1	10	100m x 10mm Metric - Boxed	NR10010

NR3010



Sterling FIBREGLASS OPEN REEL TAPE - NP SERIES

- Open reel fibreglass lay flat tape
- 13mm reinforced tape
- Sturdy plastic case with reinforced winding mechanism

BOX QTY	CARTON QTY	DESCRIPTION	CODE
5	20	15m/50ft x 13mm Metric/Imperial - Boxed	NP1513
5	20	30m/100ft x 13mm Metric/Imperial - Boxed	NP3013
5	10	50m/165ft x 13mm Metric/Imperial - Boxed	NP5013

NP5013



REEL TAPES

Sterling FATBLADE 3X SPEED-WINDER FIBREGLASS TAPE

- 20mm extra wide reinforced fibreglass tape
- Strong compact ABS casing with rubber grip handle
- Geared 3x speed winder mechanism saves rewinding time
- Strong reinforced end hook with magnetic loop & true zero claw
- Super strong reinforced hook connection to tape ideal for mining

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	30m x 20mm Metric - Boxed	XBA3020
1	10	50m x 20mm Metric - Boxed	XBA5020

XBA3020



KDS ADHESIVE BENCH SETTING MEASURE

- Stick-on flat rule suitable for benches, set out rods, machining, etc
- Can be cut to desired length
- JIS Class 1 certified accuracy
- Available printed Right-to-Left and Left-to-Right

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	100	1m Bench Tape (right to left) Carded	STB13-01BP
10	100	2m Bench Tape (right to left) Carded	STB13-02BP
10	100	5m Bench Tape (right to left) Carded	STB13-05BP
10	100	2m Bench Tape (left to right) Carded	ST13-02BP
10	100	5m Bench Tape (left to right) Carded	ST13-05BP



Sterling FOLDING MEASURING WHEEL

- Records up to 9999M
- 2 counter reset buttons for easy continual use
- 318mm diameter rubber grip wheel
- Zero point indicator for accurate measuring
- 120cm length folds down to 60cm
- Trigger brake prevents 'free wheeling'
- Net weight 2.05kg
- Supplied with carry bag

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	4	Folding Measuring Wheel - Boxed	MW12

MW12



Carry bag



HANDTOOLS

261

SAWS	262	PIPE VISES	278
HAMMERS	263	PIPE & TUBE CUTTERS	279
CHISELS	264	ROD CUTTERS & BENDERS	281
FLOORING & CARPET TOOLS	265	BOLT CUTTERS	283
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STRINGLINES	272	STAPLERS & STAPLES	286
LEVELS	273		
CLAMPS	273		
TROWELS	274		
RATCHET WRENCHES	275		
ADJUSTABLE WRENCHES	275		
PIPE WRENCHES	277		

SAWS

Sterling 150MM T-REX HARDPOINT DRYWALL SAW

- Hardened teeth keyhole saw
- Triple edge grinding cuts forwards & backwards
- Ergonomic rubber grip handle
- Sharpened and hardened triple point tip for easy job starting

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	60	Drywall Saw Carded	50-660



50-660

Sterling 550MM T-REX (22") HARDPOINT HANDSAW

- 550mm (22") 8TPI Handsaw with triple ground shark point teeth for fast cuts even in hardwood
- Hardened teeth are durable and will cut a wide range of materials including timber, laminated boards, plastic pipe, plasterboard, cornices, etc.
- Rubber grip handle is comfortable, secure, and has 90° and 45° angles for accurate marking out

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	40	Handsaw Carded - Sleeve	50-770



50-770

Sterling 280MM INSULATION CUTTING KNIFE

- Double sided blade
- Serrated blade to cut hard wool
- Wavy blade to cut soft wool
- For cutting mineral wool and polystyrene foam
- Comfortable rubber handle
- Lanyard Hole

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	20	Insulation Saw - Carded	58-559

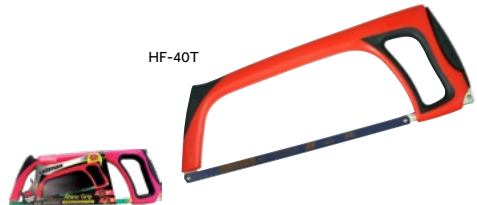


58-559

Sterling INDUSTRIAL HACKSAW FRAME

- High quality rubber grip frame with steel core
- High tension frame with quick release blade holder
- 90° and 45° blade positions

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	48	Red - Carded	HF-40T



HF-40T

Sterling ALUMINIUM HACKSAW FRAME

- Strong, light aluminium box section frame
- Tension screw holds blade tightly
- Rubber grip handle
- Spare blade storage in top section

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	48	Yellow - Carded	HF-506



HF-506

TUFF BI-METAL HACKSAW BLADES

- Bi-Metal flexible blade 12" / 300mm
- Virtually unbreakable
- Industrial quality
- Suits hacksaw frames HF-40T and HF-506.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	100	18 TPI - Bulk	THB18
10	100	24 TPI - Bulk	THB24
10	100	32 TPI - Bulk	THB32

THB18



Alpha AIR HACKSAW BLADES

- Car Body Blades
- Bi-Metal
- 14, 18, 24, 32 tpi available
- Supplied in Plastic 10 pack case

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	200	14 TPI - Pack of 10	CBB-14A
1	200	18 TPI - Pack of 10	CBB-18A
1	200	24 TPI - Pack of 10	CBB-24A
1	200	32 TPI - Pack of 10	CBB-32A

CBB-24A



Sterling STRIKER 20oz STERLING CLAW HAMMER

- Drop forged for extra strength
- Cushion grip rubber handle
- Excellently balanced for superior control

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	24	Red/Black	HX-520



HX-520



Sterling STRIKER 20oz STERLING CLAW HAMMER

- Drop forged for extra strength
- Fibreglass handle
- Excellently balanced for superior control

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	24	Yellow/Black - Hangsell	HC-020



HC-020



Sterling RESQ EMERGENCY SAFETY HAMMER

Vehicle emergency safety tool that includes:

- Steel tipped window punch that shatters tempered glass
- Ultra sharp razor blade that safely slices through seat belts
- Super grip handle for superior grip

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	120	Red/Black - Carded	445-1

445-1



CHISELS

Sterling WOOD CHISEL

- Fully hardened blade for professional use and long life
- Split proof acetate handle for reinforced toughness
- Ergonomic over molded grip for added comfort
- Extra large striking cap for repetitive use at any angle
- Forged steel core with one piece through tang design for maximum striking force

WC-006

WC-012

WC-022

WC-050



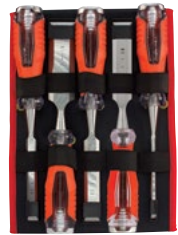
BOX QTY	CARTON QTY	DESCRIPTION	CODE
5	20	6mm - Carded	WC-006
5	20	10mm - Carded	WC-010
5	20	12mm - Carded	WC-012
5	20	16mm - Carded	WC-016
5	20	19mm - Carded	WC-019
5	20	22mm - Carded	WC-022
5	20	25mm - Carded	WC-025
5	20	32mm - Carded	WC-032
5	20	38mm - Carded	WC-038
5	20	50mm - Carded	WC-050

Sterling WOOD CHISEL SETS

- Fully hardened blade for professional use and long life
- Split proof acetate handle for reinforced toughness
- Ergonomic over molded grip for added comfort
- Extra large striking cap for repetitive use at any angle
- Forged steel core with one piece through tang design for maximum striking force

3 Piece

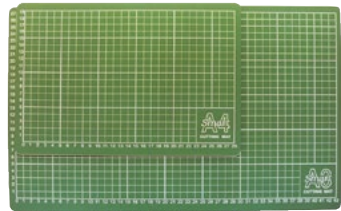
5 Piece



BOX QTY	CARTON QTY	DESCRIPTION	CODE
5	10	3 Piece Set (12mm, 19mm, 25mm)	WC-3PS
5	10	5 Piece Set (6mm, 12mm, 19mm, 25mm, 32mm)	WC-5PS

Sterling GREEN CUTTING MATS SELF HEALING

- Self healing mat eliminates score marks
- Durable 3mm laminated construction with white centre
- Numbered up the side and across the bottom
- Clear metric grid markings - 3 layers useable from both sides



BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	36	Green A3 - 450 x 300mm	A3G3
12	24	Green A2 - 600 x 450mm	A2G3
12	12	Green A1 - 900 x 600mm	A1G3
12	12	Green A0 - 1200 x 900mm	A0G3

Sterling NYLON KNIFE & SNIP HOLSTER

- Tough durable nylon material
- Easy tool access
- Lanyard hole to keep tools attached
- Suits a wide range of Sterling tools including Black Panther Snips and Autoloading Knives



BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	120	Nylon Holster	STC65

Sterling CUSHION GRIP STAIR TOOL

- Chrome plated to prevent markings to skirting and carpet
- Solid forged construction
- Comfortable heavy duty cushion grip

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	1	Carded	18-092



Sterling RUBBER GRIP LINO KNIFE

- Contoured rubber grip handle for secure grip
- Fully ground stainless steel blade
- Stiff sturdy blade ideal for tucking

BOX QTY	CARTON QTY	DESCRIPTION	CODE
24	48	Carded	14-132



Sterling CARPET ROW CUTTER

- Takes HD 3 hole technical blade
- Ideal for cutting all jute/hessian back carpets
- Reinforcing rib down front of cutter strengthens guiding nose
- Strong durable nylon material for long life
- Replacement Blade Code: 420-4.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
24	48	Carded	18-002



Sterling SLIDING BEVEL

- Blade thickness 1.8mm
- Square tolerance 0.1/100mm
- 300mm heavy duty sliding bevel
- High quality, thick stainless steel blade
- Strong and sturdy aluminium billet handle
- Free and easy movement with positive lock

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	48	30mm - Carded	SB300



SB300



BLEISPIZZ BOHR-MARKER

- Marker for marking drill holes and hard-to-reach areas
- Special shaped tip avoids slipping into the steel barrel
- Waterproof on almost any surfaces.
- Extra long (25mm) and thin stainless steel tip – perfect for installation work

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	100	Bohr-Marker Black 25mm / Card 1	0587
20	100	Bohr-Marker Black 25mm	1102



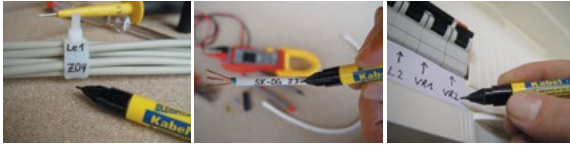
0587



BLEISPIZZ CABLE MARKER / 0,75MM

- For permanent marking and writing on electrical cables, precision components, cable ties and labels
- Fadeless and quick drying
- Low smell ink without Xylene / Toluene.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	100	Cable Marker Black / Card 1	1591
10	10	Cable Marker Black / Pack 10	0747



0747

1591



BLEISPIZZ PERMANENT MARKER - FINE / 1.0MM

- For permanent marking and writing on almost any material, for example plastic, carton, metal, glass, rubber, wood
- Fadeless and quick drying
- Low smell ink without Xylene / Toluene.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	100	Permanent Marker Fine Black / Card 1	1607
10	10	Permanent Marker Fine Red / Pack 10	0754
10	10	Permanent Marker Fine Blue / Pack 10	0778
10	10	Permanent Marker Fine Black / Pack 10	0679
10	10	Permanent Marker Fine Green Pack 10	0792



1607



BLEISPITZ® PERMANENT MARKER / 1.5-3.0MM

- For permanent marking and writing on almost any material, for example plastic, carton, metal, glass, rubber, wood
- Fadeless and quick drying
- Low smell ink without Xylene / Toluene.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	80	Permanent Marker Red / Card 1	1614
1	80	Permanent Marker Blue / Card 1	1621
1	80	Permanent Marker Black / Card 1	1638
10	10	Permanent Marker Red / Pack 10	0594
10	10	Permanent Marker Blue / Pack 10	0617
10	10	Permanent Marker Black / Pack 10	0631
10	10	Permanent Marker Green / Pack 10	0655



1638



BLEISPITZ® PERMANENT MARKER - CHISEL TIP / 1.5-5.0MM

- For permanent marking and writing on almost any material, for example plastic, carton, metal, glass, rubber, wood
- Fadeless and quick drying
- Low smell ink without Xylene / Toluene.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	10	Permanent Marker Chisel Tip Red / Pack 10	1195
10	10	Permanent Marker Chisel Tip Blue / Pack 10	1218
10	10	Permanent Marker Chisel Tip Black / Pack 10	1232
10	10	Permanent Marker Chisel Tip Green / Pack 10	1256



BLEISPITZ® PERMANENT MARKER - JUMBO / 4.0-12.0MM

- For permanent marking and writing on almost any material, for example plastic, carton, metal, glass, rubber, wood
- Fadeless and quick drying
- Low smell ink without Xylene / Toluene.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
5	5	Permanent Marker Jumbo Red / Pack 5	1270
5	5	Permanent Marker Jumbo Blue / Pack 5	1294
5	5	Permanent Marker Jumbo Black / Pack 5	1317
5	5	Permanent Marker Jumbo Green / Pack 5	1331



BLEISPITZ PAINT MARKER - FINE / 1.0-2.0MM

- Quality paint marker for professional, industrial use
- For highly opaque marking of almost any materials such as metal, glass, plastic, stone, carton, tiles, wood
- For marking and writing especially on dark surfaces
- Waterproof, quick-drying ink
- Bullet tip used up: pull out tip – stick it back

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	10	Paint Marker Fine Red / Pack 10	0914
10	10	Paint Marker Fine Blue / Pack 10	0938
10	10	Paint Marker Fine Yellow / Pack 10	0952
10	10	Paint Marker Fine White / Pack 10	0976
10	10	Paint Marker Fine Black / Pack 10	0990



BLEISPITZ PAINT MARKER / 4.0MM

- Quality paint marker for professional, industrial use
- For highly opaque marking of almost any materials such as metal, glass, plastic, stone, carton, tiles, wood
- For marking and writing especially on dark surfaces
- Waterproof, quick-drying ink
- Bullet tip used up: pull out tip – turn around – stick it back

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	80	Paint Marker Yellow / Card 1	1645
1	80	Paint Marker White / Card 1	1652
1	80	Paint Marker Black / Card 1	1669
10	10	Paint Marker Red / Pack 10	0488
10	10	Paint Marker Blue / Pack 10	0501
10	10	Paint Marker Yellow / Pack 10	0525
10	10	Paint Marker White / Pack 10	0549
10	10	Paint Marker Black / Pack 10	0563



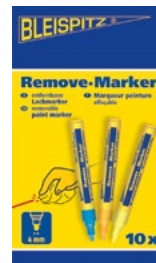
1652



BLEISPITZ REMOVABLE PAINT MARKER / 4.0MM

- Removable paint marker for marking on almost any materials such as leather, metal, glass, plastic, carton, tiles
- The marking leaves a rubber-like coat which can be removed mechanically from smooth surfaces
- Waterproof, removable special ink
- Bullet tip used up: pull out tip – turn around – stick it back

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	10	Removable Paint Marker Yellow / Pack 10	1065



BLEISPIZ 2 IN 1 DRY MARKER PENCIL

- One pen – two functions
- **With cap:** mechanical pencil for exact marking and writing
- **Without cap:** deep-hole marker for drilling and installation work
- Well-integrated sharpener inside the push button
- Graphite-universal lead for marking on rough and smooth surfaces
- Saves resources and is environmentally friendly
- Refillable with different leads for nearly all surfaces and materials
- Ergonomic, triangular body
- Very durable design
- Useful clip

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1/1	50	2 in 1 Dry Marker + Lead Refill Pack (6 x Graphite) Carded	1478
20	100	2 in 1 Dry Marker Pencil	1492

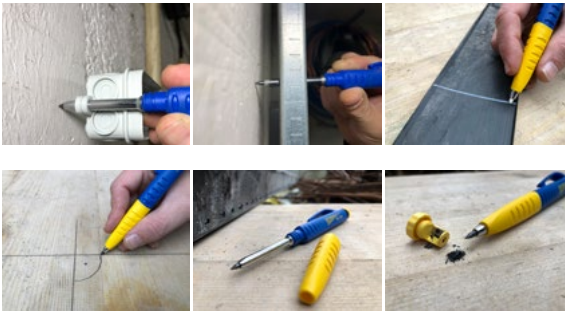


1492



Counter display

1478



* Order: 20x 1416 & 20x 1492 and receive stock in a counter display.

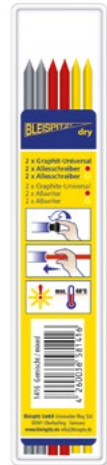
BLEISPIZ REFILL PACKS FOR 2 IN 1 DRY MARKERS

- Refills for Bleispitz dry 2 in 1 Markers
- **Graphite-universal lead:** for rough and smooth surfaces, glass, metal, tiles, plastic
- **All-writer colour leads red and yellow:** for very smooth and dark surfaces (water resistant)

BOX QTY	CARTON QTY	DESCRIPTION	CODE
20	100	2 in 1 Graphite Lead Refill Pack 6	1386
20	100	2 in 1 Colour Lead Refill Pack 6	1416



1386



1416

BLEISPIZZ **PROFI-MARKER WELDING SET**

- The Profi-Marker is made of durable brass metal
- There is a sharpener for the soapstone lead inside the push button
- Long lasting, white, fireproof line, clearly visible even through welding goggles.

Red all-writer lead for marking on cold metal, steel and almost any materials

Soapstone lead for marking on metal and steel, welding and cutting up to 2.000 °C

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	50	Profi-Marker Welding Set / (1 x Marker Red Lead, 5 x Red Leads, 1 x Marker Soapstone Lead, 10 x Soapstone Leads)	0440
5	120	Profi-Marker Red Lead Refills / Pack 5	0112
5	120	Profi-Marker Soapstone Lead Refills / Pack 5	0464



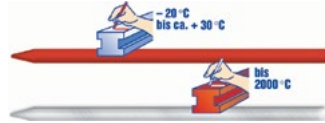
0440



0112



0464



BLEISPIZZ **COUNTER DISPLAY**

- Counter display for wooden pencils, permanent markers and paint markers
- For self-assembly

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	2	Display	032-001

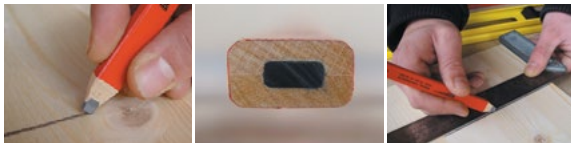


* Please enquire on the Marker Counter Display

BLEISPIZZ CARPENTER PENCILS - MEDIUM HB

- Produced of fine lime wood
 - This wood can be easily sharpened and is a great combination of durability and flexibility
 - For marking on wood, carton, paper, concrete
 - Wiping proof and weather resistant
 - Very wide graphite lead
 - Very high breaking strength
- Lead HB - Medium

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	36	Carpenter Pencil Red Medium / Pack 10	1454
100	10	Carpenter Pencil Red Medium / Box 100	0693



0693



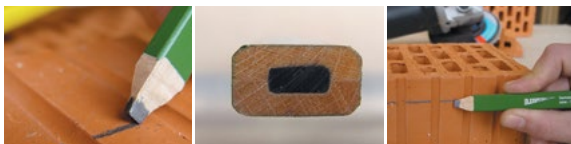
1454



BLEISPIZZ CARPENTER PENCILS - HARD 10H

- Produced of fine lime wood
 - This wood can be easily sharpened and is a great combination of durability and flexibility
 - For marking on rough, hard surfaces like stone, concrete, bricks
 - Wiping proof and weather resistant
 - Very wide graphite lead
 - Very high breaking strength
- Lead 10H - Hard

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	36	Carpenter Pencil Green Hard / Pack 10	1515
100	10	Carpenter Pencil Green Hard / Box 100	0709



0709



1515



Sterling HB MEDIUM BUILDERS PENCIL

- High quality thick pencil
- Medium Lead
- Branding Options Available
- Ideal for marking a variety of surfaces
- Comes in counter display of 144

BOX QTY	CARTON QTY	DESCRIPTION	CODE
144	1440	Counter display of 144	SCP01



► Ask about our personalised branding options

CHALK LINES

Sterling ALUMINIUM CHALK LINE REEL

- Rewinds 5x faster than standard chalk lines
- Durable die cast aluminum housing for strength and stability
- Easy fill and lock top slide feature allows quick chalk refill
- Spool release button for rapid release of chalk line
- Steel handle for easy and rapid rewinding
- Wide-prong hook for secure anchoring
- Chalk reel can be used as a plumb bob
- Includes 113gr bottle of blue chalk

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	24	Carded	CLS-A



Sterling ABS PLASTIC CHALK LINE REEL

- Rewinds 3x faster than standard chalk lines
- Durable ABS housing with Ergonomic rubber grip
- Easy fill and lock top slide feature allows quick chalk refill
- Spool release button for rapid release of chalk line
- Steel handle for easy and rapid rewinding
- Wide-prong hook for secure anchoring
- Chalk reel can be used as a plumb bob
- Includes 113gr bottle of blue chalk

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	24	Carded	CLS-P



Sterling CHALK REFILL

- Made to lay down a hard clean line that won't blow away
- Perfect for use in all chalk line reels

BOX QTY	CARTON QTY	DESCRIPTION	CODE
6	48	Black - Exterior/Permanent - 226gr	CR-BLACK
6	48	Blue - Interior/Long lasting - 226gr	CR-BLUE
6	48	Red - Exterior/Semi-permanent - 226gr	CR-RED
6	48	White - Interior/Long lasting - 226gr	CR-WHITE



TUFF STRINGLINES

- Braided High Stretch Nylon
- 80 metre long
- Will not rot
- Highly visible
- Attractive 20 units display box

BOX QTY	CARTON QTY	DESCRIPTION	CODE
20	12	Stringline 80m - White	TSLW80
20	12	Stringline 80m - Pink	TSLP80
20	12	Stringline 80m - Yellow	TSLY80



Sterling TORPEDO SPIRIT LEVEL

- Two rare earth magnets provide ultimate grip on metal surfaces
- Magnified centre vial for enhanced visibility
- 3 Unbreakable acrylic shock-proof vials
- Die cast aluminium body
- Solid block vial provides accuracy of 0.5Mm/m
- 180° rotating vial to duplicate angles, slopes & pitch
- Push release vial - Push from back to release

TL230



BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	48	230mm - Carded	TL230

Sterling BAR CLAMPS - HEAVY DUTY

- Clamp Pads grip firmly and distribute clamping force evenly
- Cushion tips grip firmly and allow added protection on soft materials
- Premium induction hardened, solid carbon steel bar for maximum rigidity
- Ideal for heavy-duty clamping and spreading
- Simple jaw release mechanism for easy conversion to spreader
- Quick release trigger positioned for simple one handed operation

BC90-300



BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	20	150 x 85mm deep - Carded	BC90-150
1	20	300 x 85mm deep - Carded	BC90-300
1	10	450 x 85mm deep - Carded	BC90-450
1	10	600 x 85mm deep - Carded	BC90-600

Clamp

Spreader



Sterling SPRING CLAMPS

- Strong and durable steel tension springs for long life
- Cushion tips grip firmly and allow added protection on soft materials
- Cushion tips grip firmly and allow added protection on soft materials

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	120	150mm - Carded	SC-150
12	120	175mm - Carded	SC-175



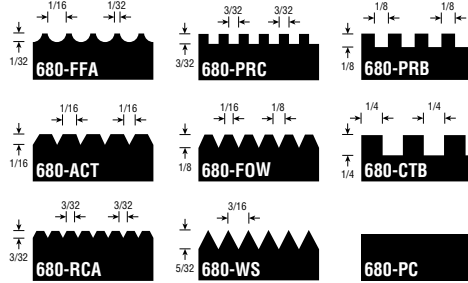
VERSABLADE TROWEL BLADES

- Interchangeable trowel system.
- Produced from premium quality full tempered bright polished spring steel for a long lasting edge.
- Blades are flexible and measure 115mm X 290mm.
- Designed for right hand use.
- The handles (sold separately) codes 682-TH and 683-TH, securely fasten to the blade by simply aligning the slotted openings of the handle with the steel button projections of the blade and tapping the trowel edge on the floor until tight and the front button is covered.
- To remove blade, simply tap trowel on opposite end.

680-FOW



BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	120	0.8mm (1/16) U Notch	680-FFA
12	120	1.6mm (1/16) V Notch	680-ACT
12	120	2.4mm (3/32) V Notch	680-RCA
12	120	3.2mm (1/8) V Notch	680-FOW
12	120	4.8mm (3/16) V Notch	680-WS
12	120	2.4mm (3/32) Square Notch	680-PRC
12	120	3.2mm (1/8) Square Notch	680-PRB
12	120	6.4mm (1/4) Square Notch	680-CTB
12	120	Straight Edge	680-PC



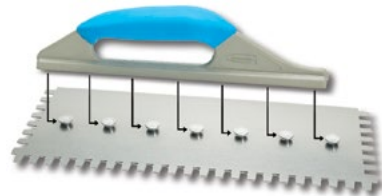
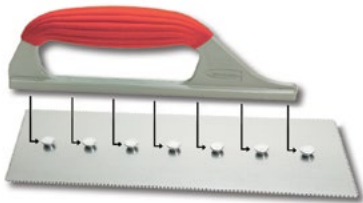
VERSABLADE TROWEL HANDLES

- Interchangeable trowel system.
- 682-TH - RED Handle**
- Full size rubber grip at standard height above blade
 - Popular round grip has large ribs
- 683-TH - BLUE Handle**
- Low profile rubber grip for work in toe spaces
 - Textured rectangular grip has small ribs

BOX QTY	CARTON QTY	DESCRIPTION	CODE
12	120	Trowel RED Handle	682-TH
12	120	Trowel BLUE Handle	683-TH



VERSABLADE®
INTERCHANGEABLE • TROWEL • SYSTEM



MCC. RATCHET WRENCH - DOUBLE SOCKET

- Drop forged from special alloy steel with chrome molybdenum insert.
- Each wrench has two sizes and reversible ratchet with a press of thumb.
- Tapered handle is also used to align holes for bolts and nuts.
- Made in Japan

BOX QTY	DESCRIPTION	SOCKET SIZE MM	CODE
2	Ratchet wrench - Double socket	10-12mm	RW-1012
2	Ratchet wrench - Double socket	10-13mm	RW-1013
2	Ratchet wrench - Double socket	10-14mm	RW-1014
2	Ratchet wrench - Double socket	11-13mm	RW-1113
2	Ratchet wrench - Double socket	12-14mm	RW-1214
2	Ratchet wrench - Double socket	13-17mm	RW-1317
2	Ratchet wrench - Double socket	13-19mm	RW-1319
2	Ratchet wrench - Double socket	14-15mm	RW-1415
2	Ratchet wrench - Double socket	14-17mm	RW-1417
2	Ratchet wrench - Double socket	17-19mm	RW-1719
2	Ratchet wrench - Double socket	17-21mm	RW-1721
2	Ratchet wrench - Double socket	17-22mm	RW-1722
2	Ratchet wrench - Double socket	19-21mm	RW-1921
2	Ratchet wrench - Double socket	19-22mm	RW-1922
2	Ratchet wrench - Double socket	19-24mm	RW-1924
2	Ratchet wrench - Double socket	21-24mm	RW-2124
2	Ratchet wrench - Double socket	21-26mm	RW-2126
2	Ratchet wrench - Double socket	21-27mm	RW-2127
2	Ratchet wrench - Double socket	22-24mm	RW-2224
2	Ratchet wrench - Double socket	22-27mm	RW-2227
2	Ratchet wrench - Double socket	23-26mm	RW-2326
2	Ratchet wrench - Double socket	24-26mm	RW-2426
2	Ratchet wrench - Double socket	24-27mm	RW-2427
2	Ratchet wrench - Double socket	24-30mm	RW-2430
2	Ratchet wrench - Double socket	26-32mm	RW-2632
2	Ratchet wrench - Double socket	27-30mm	RW-2730
2	Ratchet wrench - Double socket	27-32mm	RW-2732
2	Ratchet wrench - Double socket	30-32mm	RW-3032
2	Ratchet wrench - Double socket	32-35mm	RW-3235
2	Ratchet wrench - Double socket	32-36mm	RW-3236
2	Ratchet wrench - Double socket	35-41mm	RW-3541
2	Ratchet wrench - Double socket	36-41mm	RW-3641



MCC. ADJUSTABLE PLIERS - HEAVY DUTY

- Designed to provide leverage for working in close quarters.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	JAW OPENING	CODE
6	24	Adjustable pliers 258mm - 5 adjustments	45mm	WPD-250
6	24	Adjustable pliers 315mm - 7 adjustments	65mm	WPD-300



MCC. ADJUSTABLE WRENCH - SHORT HANDLE

- Heavy duty and professional quality made of high grade alloy carbon steel and drop forged process.
- Square type knurl reduces jaw tolerance.
- Precision manufacturing for firm gripping to avoid slippage.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	JAW OPENING	CODE
6	12	Adjustable wrench 117mm	7 - 26mm	EMSW-26
6	12	Adjustable wrench 142mm	8 - 30mm	EMSW-30
6	12	Adjustable wrench 157mm	8 - 38mm	EMSW-38
6	12	Adjustable wrench 184mm	12 - 49mm	EMSW-49

EMSW-49

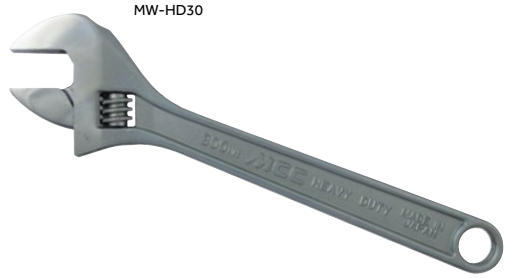


ADJUSTABLE WRENCHES

MCC. ADJUSTABLE WRENCH - HEAVY DUTY

- Heavy duty and professional quality made of high grade alloy carbon steel and drop forged process.
- Square type knurl reduces jaw tolerance.
- Precision manufacturing for firm gripping to avoid slippage.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	JAW OPENING	CODE
6	24	Adjustable wrench 100mm	13mm	MW-HD10
6	24	Adjustable wrench 150mm	21mm	MW-HD15
6	24	Adjustable wrench 200mm	25mm	MW-HD20
6	24	Adjustable wrench 250mm	31mm	MW-HD25
6	24	Adjustable wrench 300mm	36mm	MW-HD30
6	24	Adjustable wrench 375mm	46mm	MW-HD37



Sterling ADJUSTABLE SHAMMER WRENCH

- Adjustable wrench with hammer head
- 300mm / 12" long & Jaw capacity 38mm (1 & 1/2")
- Exceeds industry standard specifications
- Durable chrome-vanadium steel

BOX QTY	CARTON QTY	DESCRIPTION	JAW OPENING	CODE
1	1	Adjustable Shammer wrench 300mm	38mm	AWH-300



Sterling BLACK JAW WIDE JAW WRENCH

- Industrial quality chrome vanadium drop forged
- Precise jaw opening
- Extra wide jaw opening

BOX QTY	CARTON QTY	DESCRIPTION	JAW OPENING	CODE
6	96	150mm wide jaw wrench	0 - 34mm	AWP-150
6	72	200mm wide jaw wrench	0 - 38mm	AWP-200
6	24	250mm wide jaw wrench	0 - 50mm	AWP-250
6	24	300mm wide jaw wrench	0 - 60mm	AWP-300



MCC. ADJUSTABLE WRENCH - EXTRA-WIDE

- 92mm, the largest jaw opening with compact handle for larger size of application where the conventional model cannot fit.
- Designed for tightening/loosening a large hex nut with a short handle or extension handle as standard accessory. Avoids any surface damage that a pipe wrench does.
- Professional quality. Made from drop forged steel.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	JAW OPENING	CODE
1	2	Adjustable wrench 92mm	16 - 92mm	MWW-92



MCC. PIPE WRENCH - SLIM FIT

- Thin pipe wrench designed for tight place or limited surface to grab on fittings and pipes. 30% thinner than conventional pipe wrench.
- Extra best grade of aluminium materials with latest forging technology maintain professional strength.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	JAW OPENING	CODE
1	6	Adjustable pliers 350mm - 5 adjustments	61mm	PWTD350



MCC. PIPE WRENCH - STEEL HANDLE

- Guaranteed strength as industrial standard.
- Sturdy ductile cast-iron handle.
- Full floating hook jaw with spring suspension for easy grip and release.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY	CODE
1	6	Pipe wrench - Standard 300mm	43mm	PW-SD30
1	6	Pipe wrench - Standard 350mm	49mm	PW-SD35
1	6	Pipe wrench - Standard 450mm	61mm	PW-SD45
1	6	Pipe wrench - Standard 600mm	77mm	PW-SD60
1	6	Pipe wrench - Standard 900mm	102mm	PW-SD90

PW-SD45



MCC. PIPE WRENCH - ALUMINIUM HANDLE

- Guaranteed heavy duty strength with light weight aluminium handle.
- Full floating hook jaw with spring suspension for easy grip and release.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY	CODE
1	6	Pipe wrench - Aluminium Handle 250mm	34mm	PW-AL25
1	6	Pipe wrench - Aluminium Handle 300mm	43mm	PW-AL30
1	6	Pipe wrench - Aluminium Handle 350mm	49mm	PW-AL35
1	6	Pipe wrench - Aluminium Handle 450mm	61mm	PW-AL45
1	6	Pipe wrench - Aluminium Handle 600mm	77mm	PW-AL60
1	6	Pipe wrench - Aluminium Handle 900mm	102mm	PW-AL90

PW-AL35



MCC. CORNER PIPE WRENCH

- 90° offset handle and compact head design allows you to reach any tight spaces.
- The most compact movable jaw wrench available. No jaw end comes out from the frame versus ordinary offset pipe wrench.
- Spring loaded jaw frame provides a ratchet like action for quicker operation in tight spaces, which allows you to keep tightening and loosening pipes.
- Size adjustment can be done very quickly by turning a worm gear.
- Forged steel handle.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY	CODE
1	6	Corner pipe wrench - Steel Handle 250mm	13 - 35mm	CW-250
1	6	Corner pipe wrench - Steel Handle 300mm	16 - 44mm	CW-300
1	6	Corner pipe wrench - Steel Handle 350mm	21 - 51mm	CW-350
1	6	Corner pipe wrench - Steel Handle 450mm	33 - 70mm	CW-450
1	6	Corner pipe wrench - Aluminium 600mm	48 - 90mm	CW-AL60
1	6	Corner pipe wrench - Aluminium 900mm	76 - 115mm	CW-AL90

CW-350



CW-AL60

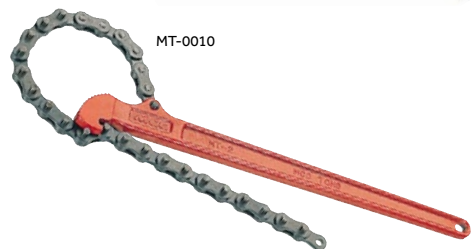


MCC. CHAIN WRENCH

- Designed to provide leverage for working in close quarters.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	Chain wrench 14 - 49mm capacity	MT-0000
1	10	Chain wrench 14 - 89mm capacity	MT-0010
1	10	Chain wrench 17 - 114mm capacity	MT-0015
1	10	Chain wrench 27 - 165mm capacity	MT-0020

MT-0010



MCC. FOOT VISES

- Heavy duty foot vise are made from tough ductile iron with easily replaceable jaws of hardened high carbon steel. Portable and stable grip for piping work on the ground instead of two pipe wrenches.
- Jaws self-adjustment allows quick and solid setting to varying pipe sizes.
- Spring suspension eliminates a chance of jaws jamming or locking on pipes.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY	CODE
1	1	Foot - Vise 390mm	40mm	FV-0110
1	1	Foot - Vise 460mm	63mm	FV-0120
1	1	Foot - Vise 360mm	165mm	FV-0130



MCC. PIPE VISES

- Made from tough ductile iron.
- Hardened high carbon steel jaws, assure firm gripping.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY	CODE
1	1	Pipe vise 63mm	63mm	PV-0200
1	1	Pipe vise 90mm	90mm	PV-0201
1	1	Pipe vise 114mm	114mm	PV-0202
1	1	Pipe vise 130mm	130mm	PV-0203



MCC. PIPE CUTTER - HEAVY DUTY

- Heavy duty design for professional use, fast & clean pipe cutting.
- Made in Japan

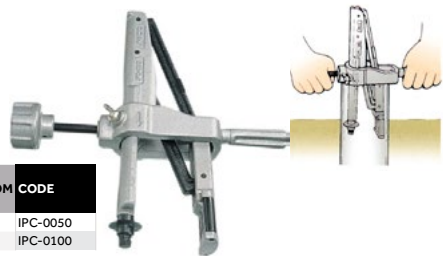
BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY	CODE
1	1	Pipe cutter 40mm	13-40mm	PC-0101
1	1	Pipe cutter 63mm	13-63mm	PC-0102
1	1	Pipe cutter 90mm	21-90mm	PC-0103



MCC. INTERNAL PIPE CUTTER - HEAVY DUTY

- For trimming tubing below floor or above ceiling instalations.
- No scratch on the floors. Good for PVC pipes.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY OUTER Ø	CUTTING DEPTH FROM PIPE END	CUTTING DEPTH FROM FLOOR	CODE
1	1	Internal pipe cutter 60mm	48-60mm	30-100mm	0-55mm	IPC-0050
1	1	Internal pipe cutter 114mm	76-114mm	40-120mm	0-70mm	IPC-0100



MCC. TUBING CUTTERS - BALL BEARING ROLLER

- MCC Tubing Cutters are designed specifically to make clean rotational cuts; whether you are cutting Copper Tubing or Stainless Steel Tubing with out the need to replace the cutting wheel.
- Well-designed components provide longer lasting sustainability making the cutter highly economical.
- Compact & lightweight design increases your productivity.
- Ergonomically designed knob reduces stress on your hands substantially.
- The heavy-duty cutting wheel with a bearing inside maximizes the durability of the cutting wheel when cutting stainless steel tubing.
- Made in Japan



BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY OUTER Ø	CODE
1	6	Metal Tubing cutter 28mm	28mm	TC-28
1	2	Metal Tubing cutter 32mm	32mm	TC-32
1	2	Metal Tubing cutter 42mm	42mm	TC-42

MCC. A/C CONDUIT PIPE CUTTER

- Designed for cutting ducts and covers of three sizes for air conditioning.
- A cover and a duct can be cut together.
- Equipped with quick opening mechanism and safety stopper.
- Made in Japan



BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY	CODE
1	1	A/C Conduit pipe cutter	305mm	ADC-101

MCC. PLASTIC TUBING CUTTER - SINGLE STROKE / QUICK CUT

- Installed a reversible blade which provides an extra spare blade.
- Quick and easy continuous cutting work by spring loaded handle with long lasting aluminum handle
- Made in Japan



BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY OUTER Ø	CODE
1	6	Plastic Tubing Cutter - Straight cut	37mm	JPC-37

MCC. PLASTIC TUBING CUTTERS / V-SHAPED BLADE

- Clean cut without deformation of pipes by unique V-shape blades.
- Good for polybutane, polyethylene, rubber tubes and soft plastic pipes.
- JTC-42 can cut both sleeve pipes and inner pipes simultaneously.
- Palm size and light weight.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY	CODE
1	1	Plastic Tubing Cutter - V cut 37mm	37mm	JTC-37
1	1	Plastic Tubing Cutter - V cut 42mm	42mm	JTC-42

JTC-37



JTC-42



MCC. PLASTIC PIPE CUTTERS

- Ergonomic Handle Design gives you less stress during operation.
- Quick Release Blade mechanism: It's not necessary to open the handle with both hands to release the blade.
- Extreme Cutting Leverage Design: less effort & less work in operation.
- Simple Blade Exchange: Only two steps to exchange the blade. Less risk to lose any parts (except VC-0363)
- Compact Design: While still in a small and compact unit, the VC-0334 & 0348 still has the ability to cut larger pipe.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY PIPE Ø	CODE
1	6	Plastic Pipe Cutter 27mm	Up to 27mm	VC-0327
1	6	Plastic Pipe Cutter 34mm	Up to 34mm	VC-0334
1	6	Plastic Pipe Cutter 42mm	Up to 42mm	VC-0342
1	6	Plastic Pipe Cutter 48mm	Up to 48mm	VC-0348
1	2	Plastic Pipe Cutter 63mm	Up to 63mm	VC-0363



Sterling TUBE CUTTER WITH REPLACEABLE BLADE

- Cuts up to 12mm (1/2") plastic tube and hose
- Easy and safe to use

► Replacement blades: B-39

BOX QTY	CARTON QTY	DESCRIPTION	CODE
10	400	Red Carded	TC-11

TC-11



MCC. THREADED ROD WRENCH

- Grabs threaded rod without damaging by the unique lock mechanism.
- Take this pocket size tool instead of pliers for threaded rod installation.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	1	Threaded rod wrench 1/2"	ABW-040
1	1	Threaded rod wrench 3/8"	ABW-030



MCC. THREADED ROD SOCKET

- Put on Cordless Drill to tighten or loosen threaded rod in seconds without damaging thread.
- Made in Japan

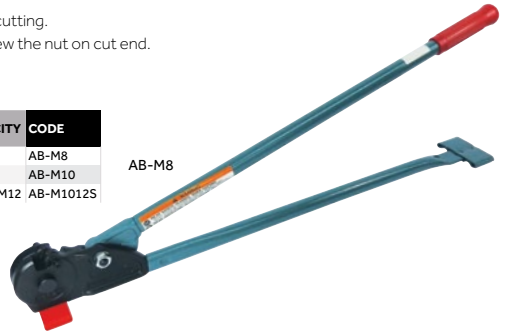
BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	1	Threaded rod socket 1/2"	BSW-040
1	1	Threaded rod socket 3/8"	BSW-030



MCC. THREADED ROD CUTTERS

- Designed to cut mild steel threaded rod.
- Unique die design protects threaded rod from damage while cutting.
- No cleaning and deburring work necessary after cut. Just screw the nut on cut end.
- 2X Lifetime by Double sided Die Design. Easy to replace dies.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY	CODE
1	1	Threaded Rod Cutter - M8	M8	AB-M8
1	1	Threaded Rod Cutter - M10	M10	AB-M10
1	1	Dual Threaded Rod Cutter - 10 & 12mm	M10 & M12	AB-M1012S



AB-M8

MCC. THREADED ROD CUTTERS - VERTICAL CUT

- Designed to cut mild steel threaded rod.
- Unique die design protects threaded rod from damage while cutting.
- No cleaning and deburring work necessary after cut. Just screw the nut on cut end.
- 2X Lifetime by Double sided Die Design. Easy to replace dies.
- Threaded rod cutter with ratchet motion, excellent for in-place rod cutting.
- Spring loaded pin protects user from injury by securing cut piece to tool.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY	CODE
1	1	Threaded Rod Cutter vertical cut - M10	M10	RAB-M10



MCC. REPLACEMENT DIE SETS - THREADED ROD CUTTERS

- Designed to cut mild steel threaded rod.
- Unique die design protects threaded rod from damage while cutting.
- No cleaning and deburring work necessary after cut. Just screw the nut on cut end.
- 2X Lifetime by Double sided Die Design.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	THREADED ROD CUTTER MODEL	CODE
1	6	Replacement Die Set M8	AB-M8, AB-M10, RAB-M10	ABEM08
1	6	Replacement Die Set M10	AB-M8, AB-M10, RAB-M10	ABEM10
1	6	Replacement Die Set M12	AB-43W	ABEM12



Alpha CHAMFER EXTERNAL DEBURRER

- Fast and convenient – Quickly repairs and deburrs threads
- Repairs and deburrs threads 3 – 20mm
- Three cutting edges (M2 HSS) for smooth deburring and long life
- Machined aluminium alloy body for smooth, vibration free running

DESCRIPTION	CODE
For 3 - 20mm threads	EDT01



Suits: Cordless Drill
DRILL



1/4"
Quick change

MCC. ROD CUTTERS

- Specially designed for clean cut of reinforcing rods of concrete.
- Blades and bolts are made from alloy tool steel and carefully heat treated for long durability.
- Made in Japan

Note: RC-0113 has two cutting notches for small and large diameter materials, whereas RC-0116 has one notch.

BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY	CODE
1	1	Rod Cutter - 1050mm	13mm	RC-0113
1	1	Rod Cutter - 1250mm	16mm	RC-0116



MCC. ROD CUTTER BENDER

- Light weight and easy to handle.
- Suitable for cutting and bending reinforcing bars and rods.
- Portable compact design with well-balanced positioning of blades and rollers for suitability at job site work.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	CAPACITY	CODE
1	1	Rod Cutter Bender - 1250mm	13mm	SCB-16



MCC. BOLT CUTTERS

Most popular and widely used with all purpose cuts adaptable from soft to medium hard materials. These bolt cutters give quick and easy cut of rods and bolts.

- Blades are drop forged from alloy tool steel and carefully heat-treated for maximum strength and wear resistance.
- All tubular handles with ductile handles.
- Made in Japan

350mm-450mm clipper cut and 600mm-1050mm center cut.
350mm & 450mm center cut available at buyer's request.

BOX QTY	CARTON QTY	DESCRIPTION	METAL HARDNESS			CODE
			MAX.	CAPACITY	Ø	
			80 HRB Rod	20 HRC Rod	36 HRC Rod	
2	12	Bolt Cutter 350mm	6mm	6mm	5mm	BC-0735
2	12	Bolt Cutter 450mm	8mm	8mm	6mm	BC-0745
2	4	Bolt Cutter 600mm	10mm	10mm	8mm	BC-0760
2	4	Bolt Cutter 750mm	13mm	13mm	10mm	BC-0775
2	4	Bolt Cutter 900mm	16mm	14mm	11mm	BC-0790
2	2	Bolt Cutter 1050mm	18mm	16mm	13mm	BC-0710
		Replacement Blades for 600mm				BCE0060
		Replacement Blades for 750mm				BCE0075
		Replacement Blades for 900mm				BCE0090
		Replacement Blades for 1050mm				BCE0010



MCC. CABLE CUTTERS

- Designed specially for efficient cutting of soft aluminium or soft copper strands.
- Blades pass each other for clean, shear cutting of all cable strands.
- Hook blades force cable strands into jaws while cutting with practically no crushing or distortion.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	MAX. CAPACITY Ø	CODE
1	1	Cable cutter 465mm	20mm	CC-0301
1	1	Cable cutter 760mm	30mm	CC-0302



MCC. WIRE ROPE CUTTERS

- An excellent cutter for steel wire rope.
- Notched blade holds and locks rope in cutting position.
- Shearing action of blades gives clean, sharp cutting of coarse or fine stranded materials with minimum distortion.
- Blades interchangeable with bolt cutters.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	MAX. CAPACITY Ø	CODE
			1470N/mm ²	
1	1	Wire rope cutter 450mm	8mm	WC-0245
1	1	Wire rope cutter 600mm	10mm	WC-0260
1	1	Wire rope cutter 750mm	14mm	WC-0275



MCC. STRAP CUTTERS

- Easy to insert underneath straps with fitted angle of blades.
- Best workability and durability with our unique blade shape and mechanism.
- Suitable for cutting steel straps, tin plates, bearing hoops and plastic packaging straps.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	MAX. CAPACITY	CODE
1	12	Strap cutter 240mm	32x0.9mm	SC-0200
1	1	Strap cutter 450mm	51x1.2mm	SC-0201
1	1	Strap cutter 600mm	51x1.2mm	SC-600

SC-0200



SC-0201



MCC. ALL PURPOSE SNIPS

- For all your utility cutting work.
- Compact, durable and sharp.
- Anti-slip Vinyl grip.
- 0.8mm Tin Plate Cutting Capacity
- Easy one hand cutting with superior performance and durability.
- Adjustable blade opening.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	MAX. CAPACITY	CODE
1	1	210mm - Carded	0.8 Tin plate	MU-0020

MU-0020



MCC. AVIATION SNIPS

- Easy one hand cutting with superior performance and durability.
- Blade opening is adjustable.
- Spring loaded handles makes your job easier as it automatically opens up the blade for next cut.
- Cuts up to 0.6mm Tin plate
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	MAX. CAPACITY	CODE
1	1	Aviation Snip 225mm - Carded	0.6 Tin plate	ASR-0101



MCC. COMPOUND LEVERAGE SNIPS

- Innovative design with gear connection mechanism achieved a significant high cutting leverage for extremely easy cutting work for thicker materials which used to be cut by power tools or larger size of hand tools.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	MAX. CAPACITY	CODE
1	1	Compound Leverage Cutter 240mm	1.2mm Tin Plate	PMU-240



MCC. COMPOUND LEVERAGE WIRE ROPE CUTTER

- Innovative design with gear connection mechanism achieved a significant high cutting leverage for extremely easy cutting work for thicker materials which used to be cut by both hands or bulky hand tools.
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	MAX. CAPACITY Ø	CODE
1	1	Compound Leverage Wire Rope Cutter 210mm	6mm Steel wire rope	PWC-210



MCC. WIRE CUTTER

- Suitable for up to 4.0mm Soft 80 HRB.
- Easy one hand cutting with superior performance and durability.
- Single handed operation.
- Blade opening is adjustable
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	MAX. CAPACITY	CODE
1	1	Wire cutter 200mm - Carded	4mm for soft 80 HRB	MS-0020



MCC. END CUTTER

- Cut-off, Nip-off, and pull-out nails.
- Ideal for builders, roofing contractors and woodworkers.
- Easy one hand cutting with superior performance and durability.
- Single handed operation.
- Blade opening is adjustable
- Made in Japan

BOX QTY	CARTON QTY	DESCRIPTION	MAX. CAPACITY Ø	CODE
1	1	End Cutter 215mm - Carded	3.5mm for soft 80 HRB 2.0mm for hard 31 HRC	ME-0020



MCC. FENCE CUTTER

- Easy one hand cutting with superior performance and durability.
- Blade opening is adjustable.
- Midget Cutter got just narrow blade design just for tight and narrow cutting work space.
- Unique design from MCC
- Made in Japan



BOX QTY	CARTON QTY	DESCRIPTION	MAX. CAPACITY Ø	CODE
1	1	Fence Cutter 210mm - Carded	3mm for soft 80 HRB	MCF-200

MCC. MIDGET CABLE CUTTER

- Designed especially for electric cables with aluminium or copper conducting wires.
- Easy one hand cutting with superior performance and durability.
- Single handed operation.
- Blade opening is adjustable
- Made in Japan



BOX QTY	CARTON QTY	DESCRIPTION	MAX. CAPACITY Ø	CODE
1	1	Midget Cable Cutter 215mm - Carded	3mm for IV22mm2, VVF2mm3	CC-0300

MCC. MIDGET NIPPER

- A simple nail cutting solution.
- Flush Cut by angled blade. Spring loaded handle.
- Easy one hand cutting with superior performance and durability.
- Single handed operation.
- Blade opening is adjustable
- Made in Japan



BOX QTY	CARTON QTY	DESCRIPTION	MAX. CAPACITY Ø	CODE
1	1	Midget Nipper 210mm - Carded	3.5mm for soft 80 HRB	MN-0020

MCC. MIDGET CUTTER

- Blade designed in the same way as Bolt Cutters, so that you can rely on its quality and durability.
- Compact yet durable. Sold extensively worldwide. Premium quality.
- Easy one hand cutting with superior performance and durability.
- Single handed operation.
- Blade opening is adjustable
- Made in Japan



BOX QTY	CARTON QTY	DESCRIPTION	MAX. CAPACITY Ø	CODE
1	1	Midget Cutter 210mm - Carded	4mm for soft 80 HRB	MC-0020

MCC. MIDGET CUTTER SPECIAL - EXTRA HARDENED

- For harder material use. The blade is made of Japanese high carbon alloy steel with a special heat treatment process which maximises the steel characteristics.
- Easy one hand cutting with superior performance and durability.
- Single handed operation.
- Blade opening is adjustable
- Made in Japan



BOX QTY	CARTON QTY	DESCRIPTION	MAX. CAPACITY Ø	CODE
1	1	Midget Cutter Special 205mm - Carded	4mm for soft 80 HRB 2mm for hard 31 HRC	MCS-0020



MULTI PURPOSE

STAPLE GUN 4 IN ONE



TUFF MULTI PURPOSE STAPLE GUN - HEAVY DUTY

- 4 in One Multi Function
 - Fires both fine & flat staples
 - Power adjuster
 - Safety Handlelock design
 - Strong belt clip
- Fits: Sterling, Rapid #53, #13, #140, and Arrow JT21/T50 staples

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1		Carded	TT-8651



TUFF STEEL HEAD HAMMER TACKER

- Ultra-Light 530g*
- Up to 45% Less weight*
- 20% Less fatigue**
- Bottom loading magazine for larger staple capacity.
- Low staple indicators on the top & sides.
- Anti-slip handle sleeve for a firm grip on every hit.
- Capacity for 2 full strips of heavy-duty staples.
- Easy, two-way safety latch for quick opening and reloading.

*Compared to other steel body models.

**Reduces fatigue based on feedback from user testing.

▶ Fits: Sterling, Rapid 140 Series. 6, 8, 10 and 12mm. Arrow JT21/T50 staples.



BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	Carded	TSH-8651



Sterling TAIPAN HAMMER TACKER

- Heavy duty construction
- Compact metal design
- Single-handed operation
- Rear loading magazine for larger capacity
- Ergonomic rubber grip handle
- Hanging blister packaging
- Heavy duty insulation

▶ Fits: Sterling, Rapid 140 Series. 6, 8, 10 and 12mm. Arrow JT21/T50 staples.

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	Carded	FHT910



STAPLES

Sterling 90 SERIES STAPLES

- Strong medium wire style
- Electro galvanised
- Chisel point
- Packed in a unique reusable plastic box

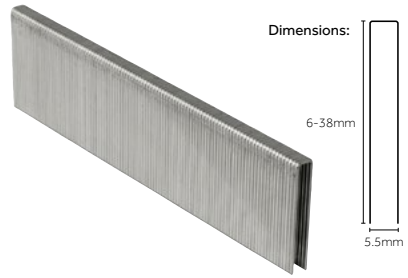
Applications:

Flooring & underlay, cabinet & kitchen manufacture, furniture frames

Suits:

90 Series air and electric staplers

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	10	18mm 90 Series Staples - plastic box 5000	A6018-5M
1	10	20mm 90 Series Staples - plastic box 5000	A6020-5M
1	10	22mm 90 Series Staples - plastic box 5000	A6022-5M
1	10	25mm 90 Series Staples - plastic box 5000	A6025-5M



Dimensions:

6-38mm

5.5mm



Sterling 140 SERIES STAPLES

- Strong flat wire style
- Electro galvanised
- Chisel point
- Packed in a unique hang-sell plastic box

Applications:

Framing & upholstery, carpet installation, insulation and plastering, commercial and household tacking jobs.

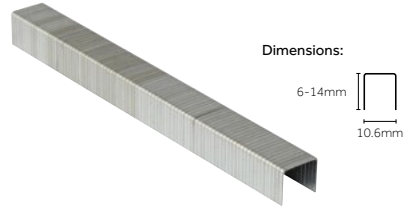
Suits:

TUFF stapler TT-865i, Sterling Hammer Tacker FHT910.

Rapid 14, 34, 44, Arrow T50, T55, HT 50.

Interchangeable with Rapid 140, Arrow T50

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	40	6mm A11 Series Staples - plastic box 2000	A1106-2M
1	40	8mm A11 Series Staples - plastic box 2000	A1108-2M
1	20	8mm A11 Series Staples - plastic box 5000	A1108-5M
1	40	10mm A11 Series Staples - plastic box 2000	A1110-2M
1	20	10mm A11 Series Staples - plastic box 5000	A1110-5M
1	40	12mm A11 Series Staples - plastic box 2000	A1112-2M
1	20	12mm A11 Series Staples - plastic box 5000	A1112-5M



Dimensions:

6-14mm

10.6mm



Sterling 140 SERIES STAPLES - STAINLESS STEEL

- Strong flat wire style
- 304 grade stainless steel
- Chisel point
- Packed in a unique hang-sell plastic box

Applications:

Framing & upholstery, carpet installation, insulation and plastering, commercial and household tacking jobs, for use in outdoor and coastal environments

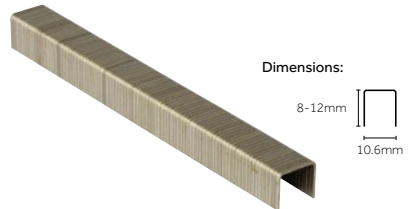
Suits:

TUFF stapler TT-865i, Sterling Hammer Tacker FHT910.

Rapid 14, 34, 44, Arrow T50, T55, HT 50.

Interchangeable with Rapid 140, Arrow T50

BOX QTY	CARTON QTY	DESCRIPTION	CODE
1	40	8mm A11 Series S/Steel Staples - plastic box 2000	A1108-2MSS
1	40	10mm A11 Series S/Steel Staples - plastic box 5000	A1110-2MSS
1	40	12mm A11 Series S/Steel Staples - plastic box 2000	A1112-2MSS



Dimensions:

8-12mm

10.6mm





ABRASIVES

289

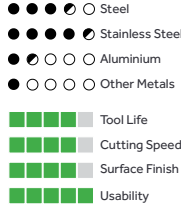
CUTTING DISCS	290
GRINDING DISCS	292
FLAP DISCS	292

CUTTING DISCS

Alpha XTRA CUTTING DISCS

- High Quality, Stainless Steel grade cutting discs
- Well balanced, neither too hard or too soft to deliver the ultimate cutting performance and edge finish
- Lower heat generation
- Lower machine load extends tool life
- Lower material loss
- Narrow cutting joints
- Stainless steel and general metal cutting
- Xtra Balance
- Xtra Life
- OSA Approved
- Made in Europe

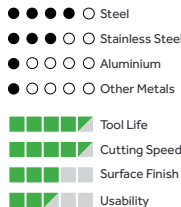
PACK QTY	SIZE	MAX. RPM	CODE
25	75 x 1.0mm	20,370	GCDGX07510
25	100 x 1.0mm	15,300	GCDGX10010
25	115 x 1.0mm	13,300	GCDGX11510
25	115 x 1.6mm	13,300	GCDGX11516
25	125 x 1.0mm	12,250	GCDGX12510
25	125 x 1.6mm	12,250	GCDGX12516
25	125 x 2.5mm	12,250	GCDGX12525
25	180 x 1.6mm	8,500	GCDGX18016
25	180 x 2.5mm	8,500	GCDGX18025
25	230 x 1.9mm	6,650	GCDGX23019



Alpha SILVER SERIES CUTTING DISCS

- Excellent quality Stainless Steel grade cutting discs
- MPA Tested in Hannover Germany
- Manufactured to EN12413 Standards
- Lower heat generation, Less sparking, Faster cutting
- Well balanced discs
- Long lasting and suitable for all general purpose and stainless steel cutting

PACK QTY	CARTON QTY	SIZE	MAX. RPM	CODE
25	500	100 x 1.0mm	15,300	GCDSS10010
25	500	100 x 2.4mm	15,300	GCDSS10024
25	400	115 x 1.0mm	13,300	GCDSS11510
25	500	115 x 1.6mm	13,300	GCDSS11516
25	400	125 x 1.0mm	12,250	GCDSS12510
25	400	125 x 1.6mm	12,250	GCDSS12516
25	400	125 x 2.5mm	12,250	GCDSS12525
10	250	180 x 2.0mm	8,500	GCDSS18020
10	70	230 x 2.0mm	6,650	GCDSS23020
10	30	300 x 4.0mm	6,400	GCDSS30540
10	40	355 x 2.8mm	4,350	GCDSS35528
5	20	400 x 4.0mm	4,800	GCDSS40040



Alpha STAINLESS STEEL PLUS CUTTING DISC

The most advanced stainless cutting disc in the market.

New manufacturing technology has produced a disc with unparalleled performance

Highest quality contaminant-free abrasive grain

- Produces a cool, clean, precise & burr free cut
- Stops discolouring of metal
- Extra strong reinforcing and high rigidity
- Manufactured to EN12413 standards
- OSA Certified
- Made in Europe
- Premium reusable plastic packaging stacks easily and keeps discs airtight to ensure they are not affected by humidity or moisture.

Ideal for: Sheet fabrication, structural work and bodywork.

PACK QTY	CARTON QTY	SIZE	MAX. RPM	CODE
1	10	125 x 1.0mm	12,250	GCDGP12510-10



Stainless Steel

Steel

- ● ● ● ● Steel
- ● ● ● ● Stainless Steel
- ○ ○ ○ ○ Aluminium
- ● ● ○ ○ Other Metals

- ■ ■ ■ ■ Tool Life
- ■ ■ ■ ■ Cutting Speed
- ■ ■ ■ ■ Surface Finish
- ■ ■ ■ ■ Usability



Alpha SILVER SERIES CUTTING DISCS - TINS OF 10

- Excellent quality Stainless Steel grade cutting discs
- MPA Tested in Hannover Germany
- Manufactured to EN12413 Standards
- Well balanced discs
- Long lasting and suitable for all general purpose and stainless steel cutting
- Tins of 10 cutting discs

PACK QTY	CARTON QTY	SIZE	MAX. RPM	CODE
20	40	115 x 1.0mm	13,300	GCDSS11510-10
20	40	125 x 1.0mm	12,250	GCDSS12510-10



Stainless Steel



Steel

- ● ● ● ○ Steel
- ● ● ○ ○ Stainless Steel
- ○ ○ ○ ○ Aluminium
- ○ ○ ○ ○ Other Metals

- ■ ■ ■ ■ Tool Life
- ■ ■ ■ ■ Cutting Speed
- ■ ■ ■ ■ Surface Finish
- ■ ■ ■ ■ Usability



Alpha SILVER SERIES GRINDING DISCS

- High Quality industrial grade grinding discs
- MPA Tested in Hannover Germany
- Manufactured to EN12413 Standards
- Depressed centre, suitable for all general purpose grinding
- Well balanced and long lasting

PACK QTY	CARTON QTY	SIZE	MAX. RPM	CODE
10	100	100 x 6.0mm	15,300	GGDSS10060
10	100	115 x 6.0mm	13,300	GGDSS11560
10	100	125 x 6.0mm	12,250	GGDSS12560
5	20	180 x 6.0mm	8,500	GGDSS18060
5	20	230 x 6.0mm	6,650	GGDSS23060



Stainless Steel



Steel

- ● ● ● ○ Stainless Steel
- ● ● ● ○ Mild Steel

- ■ ■ ■ ■ Life
- ■ ■ ■ ■ Hardness
- ■ ■ ■ ■ Removal



Alpha SILVER SERIES FLAP DISCS

- The ultimate performer on mild steel and stainless steel grinding and finishing
- Up to 15% more abrasive than other brands
- Type 29 (15°) style with built-in grinding angle
- Genuine Zirconia abrasive for outstanding performance on mild and stainless steel
- Grind and sand in one step
- Well balanced for smooth, vibration free running
- Perfectly balanced disc eliminates vibration and fatigue
- Strong fibreglass backing wears as disc is consumed
- Made in Europe

PACK QTY	CARTON QTY	SIZE	GRIT	MAX. RPM	CODE
10	180	100mm	Z40	15,300	GFDSS10040
10	180	100mm	Z60	15,300	GFDSS10060
10	180	100mm	Z80	15,300	GFDSS10080
10	180	100mm	Z120	15,300	GFDSS100120
10	180	115mm	Z40	13,300	GFDSS11540
10	180	115mm	Z60	13,300	GFDSS11560
10	180	115mm	Z80	13,300	GFDSS11580
10	180	115mm	Z120	13,300	GFDSS115120
10	180	125mm	Z40	12,250	GFDSS12540
10	180	125mm	Z60	12,250	GFDSS12560
10	180	125mm	Z80	12,250	GFDSS12580
10	180	125mm	Z120	12,250	GFDSS125120
10	100	178mm	Z40	8,500	GFDSS17840
10	100	178mm	Z60	8,500	GFDSS17860
10	100	178mm	Z80	8,500	GFDSS17880
10	100	178mm	Z120	8,500	GFDSS178120



Stainless Steel



Steel



Aluminium

- ● ● ● ○ Stainless Steel
- ● ● ● ○ Mild Steel
- ● ● ● ○ Sheet Metal

- ■ ■ ■ ■ Life
- ■ ■ ■ ■ Hardness





SAFETY

293

GLOVES	294
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TUFF RED BAND GLOVE

- Seamless knitted 13g polyester general purpose glove
- Polyurethane-coated lightweight palm and fingers
- Designed to be tight fitting to give maximum dexterity
- Protects against minor cuts and abrasions on the palm and fingers
- Prevents fingerprints being left on surfaces
- Individually packed in pairs with punched euro slot

Recommended uses:

- General purpose • Detailed assembly • Product protection • Packaging protection

PACK QTY	CARTON QTY	SIZE	CODE
12	120	Medium	TRBG-8
12	120	Large	TRBG-9
12	120	X Large	TRBG-10
12	120	2X Large	TRBG-11

EN 388



4131



TUFF BLACK GRIP GLOVE

- Coating technology ensures the Black Grip has excellent grip in wet, oily environments
- Multi-layered technology prevents oil penetration while repelling water ensuring excellent grip
- No strikethrough to the inside of the glove to cause irritation or heat build up
- Machine washable increasing glove life

Recommended uses:

- Materials handling work • General purpose work glove • Baggage handling • Mining
- Maintenance Operations • Hand and Power Tool Operations • Automotive industry
- Construction industry • Pulp and Paper • Agriculture • Logistics and warehousing

PACK QTY	CARTON QTY	SIZE	CODE
12	120	Medium	TBG-8
12	120	Large	TBG-9
12	120	X Large	TBG-10
12	120	2X Large	TBG-11

EN 388



4121



TUFF SLICE GUARD - CUT 5 RESISTANCE GLOVE

- HPPE+Glassfiber for Level 5 Cut Resistance
- PU Coating for the best flexibility and comfort
- Hand Ventilation for limited perspiration
- Machine washable for extended life

Recommended uses:

- Glass handling • Oil and chemical industry • Building and construction
- Cutting applications • Sheet metal work

PACK QTY	CARTON QTY	SIZE	CODE
12	120	Small	TSG-7
12	120	Medium	TSG-8
12	120	Large	TSG-9
12	120	X Large	TSG-10
12	120	2X Large	TSG-11

EN 388



4X43D



TUFF RIGGER GLOVE

- Beige premium cow grain leather
- Wing thumb for stitch free palm
- Double Stitched for strength
- Elastic Back
- Colour coded cuff for size identification
- Manufactured to EN420 standard for accurate sizing

Recommended uses:

- General purpose utility work glove • Mining and Construction Industries
- Farm and Agricultural applications • Building Industry • Truck and Transport Industry
- Rigging Industry • Timber and Forestry • Oil Rigs and Oil Fields

PACK QTY	CARTON QTY	SIZE	CODE
12	120	Medium	TRG-9
12	120	Large	TRG-10
12	120	X Large	TRG-11
12	120	2X Large	TRG-12

EN 388



3121



TUFF SAFETY GLASSES - ECONOMY

- Polycarbonate UV 400 Lens
- Anti-Scratch Lens
- Anti-Fog Coated
- Certified to AS/NZS1337.1:2010
- Sleek and ultra light weight wraparound lens
- Attractive Display Box - 12 Piece

PACK QTY	CARTON QTY	MODEL	CODE
12	120	Clear	TESGC
12	120	Smoke	TESGS



TUFF SAFETY GLASSES - PREMIUM

- Polycarbonate UV 400 Lens
- Anti-Scratch Lens
- Anti-Fog Coated
- Certified to AS/NZS1337.1:2010
- Sleek and ultra light weight wraparound lens
- Attractive Display Box - 12 Piece

PACK QTY	CARTON QTY	MODEL	CODE
12	120	Clear	TPSGC
12	120	Smoke	TPSGS



KNEE PADS

Sterling GRIP GEL KNEE PAD

- Non-marking flexible rubber caps
- Injected gel pad for extra cushioning & impact resistance
- Adjustable elastic straps with velcro fasteners

PACK QTY	CARTON QTY	DESCRIPTION	CODE
1	12	Boxed	18-530



Sterling COMFORT KNEE PAD

- One size fits all
- Elastic straps with hook and loop fasteners for rapid fit
- Non-marking design prevents marks on finished surfaces
- Super thick, 1/2" high density, closed-cell foam provides all-day comfort
- Foam core gives maximum cushioning plus perforated neoprene lining that works to keep away moisture

PACK QTY	CARTON QTY	DESCRIPTION	CODE
1	20	Carded Polybag	18-550



GUNDLACH SUPER-SOFT KNEE PAD

These knee pads are made of 100% washable neoprene and have an extra large super-soft contoured 3/4" thick foam rubber insert pad for greater comfort. The front of this knee pad and strap is covered with tough leather for increased durability and will not mark or scratch floors. Quick and easy on/off using the single 3" wide front fastening Velcro® strap. Nonbinding straps fit below the knee and prevent chafing, allowing these knee pads to be worn with shorts.

- Patented comfort technology
- No rash or pinching
- Premium grade neoprene
- Lightweight
- Washable
- Gundlach - Quality Products Since 1927
- Made in USA

PACK QTY	CARTON QTY	DESCRIPTION	CODE
1		Leatherhead - XL	209-XL-L
1		Camo - XL	209-XL-C
1		Royal - Medium	209
1		Royal - XL	209-XL



Leatherhead



Camo



Royal

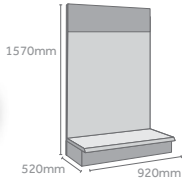


POINT OF SALE

297

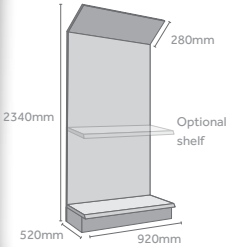
MODULAR FLOOR DISPLAYS
COUNTER DISPLAYS

MODULAR FLOOR DISPLAYS



Analysing your store and customer needs is the key element to creating the perfect solution to re-energise and maximise your retail space

Drive sales and strengthen customer experience with our expertise of providing the ideal merchandising ambience, product selection and layout.



These attractive Modular Floor Displays allow you to combine several modules and create your own purpose built displays that consolidate stock, highlight your products and increase your sales.

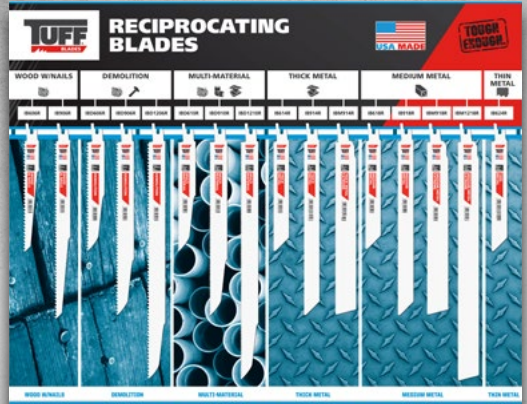
Available in individual modules or combine to create a stunning full wall display. Ask your sales representative for more information today.



COUNTER DISPLAYS

We offer a variety of counter display options which allow you to present the products in a [very attractive, organised, and space-efficient way](#).

Enquire today about how to make of your counter area a more appealing, refreshed, and upselling space to increase sales.



Dimensions: 605mmW x 475mmH x 220mmD



Dimensions: 310mmW x 540mmH x 295mmD



Dimensions: 320mmW x 285mmH x 250mmD



Dimensions: 315mmW x 465mmH x 315mmD



Dimensions: 320mmW x 285mmH x 250mmD



Dimensions: 310mmW x 360mmH x 390mmD

DECIMAL EQUIVALENTS

METRIC	FRACTION	GAUGE	INCH
0.3			0.0118
0.32			0.0126
0.343	80		0.0135
0.35			0.0138
0.368	79		0.0145
0.38			0.015
0.397	1/64"		0.0156
0.4			0.0157
0.406	78		0.016
0.42			0.0165
0.45			0.0177
0.457	77		0.018
1.48			0.0189
0.5			0.0197
0.508	76		0.02
0.52			0.0205
0.533	75		0.021
0.55			0.0217
0.572	74		0.0225
0.58			0.0228
0.6			0.0236
0.61	73		0.024
0.62			0.0244
0.635	72		0.025
0.65			0.0256
0.66	71		0.026
0.68			0.0268
0.7			0.0276
0.711	70		0.028
0.72			0.0283
0.742	69		0.0292
0.75			0.0295
0.78			0.0307
0.787	68		0.031
0.794	1/32"		0.0312
0.8			0.0315
0.813	67		0.032
0.82			0.0323
0.838	66		0.033
0.85			0.0335
0.88			0.0346
0.889	65		0.035
0.9			0.0354
0.914	64		0.036
0.92			0.0362
0.94	63		0.037
0.95			0.0374
0.965	62		0.038
0.98			0.0386
0.99	61		0.039
1			0.0394
1.016	60		0.04
1.041	59		0.041
1.05			0.0413
1.067	58		0.042

METRIC	FRACTION	GAUGE	INCH
1.092		57	0.043
1.1			0.0433
1.15			0.0453
1.181		56	0.0465
1.191	3/64"		0.0469
1.2			0.0472
1.25			0.0492
1.3			0.0512
1.321		55	0.052
1.35			0.0531
1.397		54	0.055
1.4			0.0551
1.45			0.0571
1.5			0.0591
1.511		53	0.0595
1.55			0.061
1.588	1/16"		0.0625
1.6			0.063
1.613		52	0.0635
1.65			0.065
1.7			0.0669
1.702		51	0.067
1.75			0.0689
1.778		50	0.07
1.8			0.0709
1.85			0.0728
1.854		49	0.073
1.9			0.0748
1.93		48	0.076
1.95			0.0768
1.984	5/64"		0.0781
1.994		47	0.0785
2			0.0787
2.05			0.0807
2.057		46	0.081
2.083		45	0.082
2.1			0.0827
2.15			0.0846
2.184		44	0.086
2.2			0.0866
2.25			0.0886
2.61		43	0.089
2.3			0.0906
2.35			0.0925
2.375		42	0.0935
2.381	3/32"		0.0938
2.4			0.0945
2.438		41	0.096
2.45			0.0965
2.489		40	0.098
2.5			0.0984
2.527		39	0.0995
2.55			0.1004
2.578		38	0.1015
2.6			0.1024

METRIC	FRACTION	GAUGE	INCH
2.642		37	0.104
2.65			0.1043
2.7			0.1063
2.705		36	0.1065
2.75			0.1083
2.778	7/64"		0.1094
2.794		35	0.11
2.8			0.1102
2.819		34	0.111
2.85			0.1122
2.87		33	0.113
2.9			0.1142
2.946		32	0.116
2.95			0.1161
3			0.1181
3.048		31	0.12
3.1			0.122
3.175	1/8"		0.125
3.2			0.126
3.25			0.128
3.264		30	0.1285
3.3			0.1299
3.4			0.1339
3.454		29	0.136
3.5			0.1378
3.569		28	0.1405
3.572	9/64"		0.1406
3.6			0.1417
3.658		27	0.144
3.7			0.1457
3.734		26	0.147
3.75			0.1476
3.797		25	0.1495
3.8			0.1496
3.861		24	0.152
3.9			0.1535
3.912		23	0.154
3.969	5/32"		0.1562
3.988		22	0.157
4			0.1575
4.039		21	0.159
4.089		20	0.161
4.1			0.1614
4.2			0.1654
4.216		19	0.166
4.25			0.1673
4.3			0.1693
4.305		18	0.1695
4.366	11/64"		0.1719
4.394		17	0.173
4.4			0.1732
4.496		16	0.177
4.6			0.1772
4.572		15	0.18
4.6			0.1811

METRIC	FRACTION	GAUGE	INCH
4.623		14	0.182
4.7		13	0.185
4.75			0.187
4.762	3/16"		0.1875
4.8		12	0.189
4.851		11	0.191
4.9			0.1929
4.915		10	0.1935
4.978		9	0.196
5			0.1969
5.055		8	0.199
5.1			0.2008
5.105		7	0.201
5.159	13/64"		0.2031
5.182		6	0.204
5.2			0.2047
5.22		5	0.2055
5.25			0.2067
5.3			0.2087
5.309		4	0.209
5.4			0.2126
5.41		3	0.213
5.5			0.2165
5.566	7/32"		0.2188
5.6			0.2205
5.613		2	0.221
5.7			0.2244
5.75			0.2264
5.791		1	0.228
5.8			0.2283
5.9			0.2323
5.944		A	0.234
5.953	15/64"		0.2344
6			0.2362
6.045		B	0.238
6.1			0.2402
6.147		C	0.242
6.2			0.2441
6.248		D	0.246
6.25			0.2461
6.3			0.248
6.35	1/4"	E	0.25
6.4			0.252
6.5			0.2559
6.582		F	0.257
6.6			0.2598
6.629		G	0.261
6.7			0.2638
6.747	17/64"		0.2656
6.75			0.2657
6.75		H	0.266
6.8			0.2677
6.9			0.2717
6.909		I	0.272
7			0.2756

METRIC	FRACTION	GAUGE	INCH
7.036		J	0.277
7.1			0.2795
7.137		K	0.281
7.144	9/32"		0.2812
7.2			0.2835
7.25			0.2854
7.3			0.2874
7.366		L	0.29
7.4			0.2913
7.493		M	0.295
7.5			0.2953
7.541	19/64"		0.2069
7.6			0.2992
7.671		N	0.302
7.7			0.3031
7.75			0.3051
7.8			0.3071
7.9			0.311
7.938	5/16"		0.3125
8			0.315
8.026		O	0.316
8.1			0.3189
8.2			0.3228
8.204		P	0.323
8.25			0.3248
8.3			0.3268
8.334	21/64"		0.3281
8.4			0.3307
8.433		Q	0.332
8.5			0.3346
8.6			0.3386
8.611		R	0.339
8.7			0.3425
8.731	11/32"		0.3438
8.75			0.3445
8.8			0.3465
8.839		S	0.348
8.9			0.3504
9			0.3543
9.093		T	0.358
9.1			0.3583
9.128	23/64"		0.3594
9.2			0.3622
9.25			0.3642
9.3			0.3661
9.347		U	0.368
9.4			0.3701
9.5			0.374
9.525	3/8"		0.375
9.576		V	0.377
9.6			0.378
9.7			0.3819
9.75			0.3839
9.8			0.3858
9.804		W	0.386

METRIC	FRACTION	GAUGE	INCH
9.9			0.3898
9.922	25/64"		0.3906
10			0.3937
10.084		X	0.397
10.1			0.3976
10.2			0.4016
10.25			0.4035
10.262		Y	0.404
10.3			0.4055
10.319	13/32"		0.4062
10.4			0.4094
10.49		Z	0.413
10.5			0.4134
10.6			0.4173
10.7			0.4213
10.716	27/64"		0.4219
10.75			0.4232
10.8			0.4252
10.9			0.4291
11			0.4331
11.1			0.437
11.112	7/16"		0.4375
11.2			0.4409
11.25			0.4429
11.3			0.4449
11.4			0.4488
11.5			0.4528
11.509	29/64"		0.4531
11.6			0.4567
11.7			0.4606
11.75			0.4626
11.8			0.4646
11.9			0.4685
11.906	15/32"		0.4688
12			0.4724
12.1			0.4764
12.2			0.4803
12.25			0.4823
12.3			0.4843
12.303	31/64"		0.4844
12.4			0.4882
12.5			0.4921
12.6			0.4961
12.7	1/2"		0.5
12.75			0.502
12.8			0.5039
12.9			0.5079
13			0.5118
13.097	33/64"		0.5156
13.1			0.5157
13.2			0.5197
13.25			0.5217
13.3			0.5236
13.4			0.5276
13.494	17/32"		0.5313

DECIMAL EQUIVALENTS

METRIC	FRACTION	INCH
13.5		0.5315
13.6		0.5354
13.7		0.5394
13.75		0.5413
13.8		0.5433
13.891	35/64"	0.5469
13.9		0.5472
14		0.5512
14.25		0.561
14.288	9/16"	0.5625
14.5		0.5709
14.684	37/64"	0.5781
14.75		0.5807
15		0.5906
15.081	19/32"	0.5037
15.25		0.6004
15.478	39/64"	0.6094
15.5		0.6102
15.75		0.6201
15.875	5/8"	0.625
16		0.6299
16.25		0.6398
16.272	41/64"	0.6406
16.5		0.6496
16.669	21/32"	0.6563
16.75		0.6594
17		0.6693
17.066	43/64"	0.6719
17.25		0.6791
17.462	11/16"	0.6875
17.5		0.689
17.75		0.6988
17.859	45/64"	0.7031
18		0.7087
18.25		0.7185
18.256	23/32"	0.7187
18.5		0.7283
18.653	47/64"	0.7344
18.75		0.7382
19		0.748
19.05	3/4"	0.75
19.25		0.7579
19.447	49/64"	0.7656
19.5		0.7677
19.75		0.7776
19.844	25/32"	0.7813
20		0.7874
20.241	51/64"	0.7969
20.25		0.7972
20.5		0.8071
20.638	13/16"	0.8125
20.75		0.8169
21		0.8268
21.034	53/64"	0.8281
21.25		0.8366

METRIC	FRACTION	INCH
21.431	27/32"	0.8437
21.5		0.8465
21.75		0.8563
21.828	55/64"	0.8594
22		0.8661
22.225	7/8"	0.875
22.25		0.876
22.5		0.8858
22.622	57/64"	0.8906
22.75		0.8957
23		0.9055
23.019	29/32"	0.9063
23.25		0.9154
23.416	59/64"	0.9219
23.5		0.9252
23.75		0.935
23.812	15/16"	0.9375
24		0.9449
24.209	61/64"	0.9531
24.25		0.9547
24.5		0.9646
24.606	31/32"	0.9687
24.75		0.9744
25		0.9843
25.003	63/64"	0.9844
25.25		0.9941
25.4	1"	1
25.5		1.0039
25.75		1.0138
25.797	1-1/64"	1.0156
26		1.0236
26.194	1-1/32"	1.0313
26.25		1.0335
26.5		1.0433
26.591	1-3/64"	1.0469
26.75		1.0531
26.988	1-1/16"	1.0625
27		1.063
27.25		1.0728
27.384	1-5/64"	1.0781
27.5		1.0827
27.75		1.0925
27.781	1-3/32"	1.0937
28		1.1024
28.178	1-7/64"	1.1094
28.25		1.1122
28.5		1.122
28.575	1-1/8"	1.125
28.75		1.1319
28.972	1-9/64"	1.1406
29		1.1417
29.25		1.1516
29.369	1-5/32"	1.1563
29.5		1.1614
29.75		1.1713

METRIC	FRACTION	INCH
29.766	1-11/64"	1.1719
30		1.1811
30.162	1-3/16"	1.1875
30.25		1.1909
30.5		1.2008
30.559	1-13/64"	1.2031
30.75		1.2106
30.956	1-7/32"	1.2187
31		1.2205
31.25		1.2303
31.353	1-15/64"	1.2344
31.5		1.2402
31.75	1-1/4"	1.25
32		1.2598
32.147	1-17/64"	1.2656
32.5		1.2795
32.544	1-9/32"	1.2813
32.941	1-19/64"	1.2969
33		1.2992
33.338	1-5/16"	1.3125
33.5		1.3189
33.734	1-21/64"	1.3281
34		1.3386
34.131	1-11/32"	1.3437
34.5		1.3583
34.528	1-23/64"	1.3594
34.925	1-3/8"	1.375
35		1.378
35.322	1-25/64"	1.3906
35.5		1.3976
35.719	1-13/32"	1.4063
36		1.4173
36.116	1-27/64"	1.4219
36.5		1.437
36.512	1-7/16"	1.4375
36.909	1-29/64"	1.4531
37		1.4567
37.306	1-15/32"	1.4687
37.5		1.4764
37.703	1-31/64"	1.4844
38		1.4961
38.1	1-1/2"	1.5
38.497	1-33/64"	1.5156
38.5		1.5157
38.894	1-17/32"	1.5313
39		1.5354
39.291	1-35/64"	1.5469
39.5		1.5551
39.688	1-9/16"	1.5625
40		1.5748
40.084	1-37/64"	1.5781
40.481	1-19/32"	1.5937
40.5		1.5945
40.878	1-39/64"	1.6094
41		1.6142

METRIC	FRACTION	INCH
41.275	1-5/8"	1.625
41.5		1.6339
41.672	1-41/64"	1.6406
42		1.6535
42.069	1-21/32"	1.6563
42.466	1-43/64"	1.6719
42.5		1.6732
42.862	1-11/16"	1.6875
43		1.6929
43.259	1-45/64"	1.7031
43.5		1.7126
43.656	1-23/32"	1.7187
44		1.7323
44.053	1-47/64"	1.7344
44.45	1-3/4"	1.75
44.5		1.752
44.847	1-49/64"	1.7656
45		1.7717
45.244	1-25/32"	1.7813
45.5		1.7913
45.641	1-51/64"	1.7969
46		1.811
46.038	1-13/16"	1.8125
46.434	1-53/64"	1.8281
46.5		1.8307
46.831	1-27/32"	1.8437
47		1.8504
47.228	1-55/64"	1.8594
47.5		1.8701
47.625	1-7/8"	1.875
48		1.8898
48.022	1-57/64"	1.8906
48.419	1-29/32"	1.9063
48.5		1.9094
48.816	1-59/64"	1.9219
49		1.9291
49.212	1-15/16"	1.9375
49.5		1.9488
49.609	1-61/64"	1.9531
50		1.9685
50.006	1-31/32"	1.9687
50.403	1-63/64"	1.9844
50.5		1.9882
50.8	2	2

DRILL Ø MM	STAINLESS STEEL	TOOL STEEL	CAST IRON	MALLEABLE IRON	MEDIUM CARBON STEEL	FREE CUTTING STEEL	ALUM/ BRASS/ PLASTIC	WOOD	FEED PER REVOLUTION (MM/REV)
CUTTING SPEED (Meters per min)	12	18	24	27	30	43	61	91	
SPINDLE SPEED	RPM								
1	2445	3667	4889	5500	6112	8556	12223	18335	
2	1620	2445	3259	3667	4074	5704	8149	12223	
3	1222	1833	2445	2750	3056	4278	6112	9167	0.05 to 0.15
4	978	1467	1956	2200	2445	3422	4889	7334	
5	815	1222	1630	1833	2037	2852	4074	6112	
6	654	982	1309	1473	1637	2292	3274	4911	
7	543	815	1086	1222	1358	1901	2716	4074	
8	489	733	978	1100	1222	1711	2445	3667	0.15 to 0.25
9	448	672	896	1008	1120	1568	2241	3361	
10	407	611	815	917	1019	1426	2037	3056	
11	349	524	698	786	873	1222	1746	2619	
13	306	458	611	688	764	1070	1528	2292	
14	272	407	543	611	679	951	1358	2037	0.25 to 0.35
16	244	367	489	550	611	856	1222	1833	
18	222	333	444	500	556	778	1111	1667	
19	204	306	407	458	509	713	1019	1528	
20	189	224	378	425	473	662	946	1419	
22	175	262	349	393	437	611	873	1310	
25	153	229	306	344	382	535	764	1146	0.35 to 0.45
28	136	204	272	306	340	475	679	1019	
32	122	183	244	275	306	428	611	917	

DRILLING PRACTICE

The flute form, web thickness and split point of the standard Alpha drills are suitable for most materials producing fine chips.

For effective drilling, the rigidity of the drill and work piece are most important. The shorter the flute length the more rigid the drill. Long drills must be adequately supported to reduce vibration.

The following are important in drill use:

- 1 Clamp the work-piece securely
- 2 Select the correct speed and feed
- 3 Use an appropriate coolant or lubrication
- 4 Ensure the shank is securely held. Avoid using worn sockets or drill chucks as the drill may slip during use
- 5 Regrind the point or replace the drill before it dulls, do not force a worn drill
- 6 Deep hole drilling, withdraw frequently to clear the chips, deep holes start at 4 times diameter
- 7 Stainless steel, manganese and high tensile steels, it is recommended to use an automatic feed through out the drilling cycle. Do not allow the drill to dwell as it will cause work-hardening; use a slower speed and heavier feed on these materials

TAPPING SPEEDS

MATERIAL	HARDNESS Hb	STRAIGHT FLUTE M/Min	THROUGH HOLES SPIRAL POINT M/Min	BLIND HOLES SPIRAL FLUTE M/Min	FLUTELESS M/Min
CARBON & ALLOY STEEL					
Mild Steel <120	12-24	15-28	12-24	20-40	-
Low/Medium Carbon Steel	<200	11-20	16-24	10-18	18-35
Higher Carbon Steel	<250	8-12	10-16	8-12	12-25
Low Alloy Steel Engineering Steel	<250	6-10	8-12	6-10	8-16
Alloy Steel - Heat Treated	<300	-	3-9	3-5	-
Alloy Steel - Heat Treated	>350	3-7	2-5	-	-
STAINLESS STEEL					
Free Cutting (magnetic) Ferritic	<250	6-10	8-12	5-9	10-16
Austenitic (non-magnetic)	<250	-	5-9	4-7	8-14
Martensitic/ Marging Duplex Alloy	-	-	4-6	2-5	5-8
CAST IRON					
Plain Grey Iron - Ferritic Malleable	<150	9-15	10-16	-	-
Plain SG Iron - Pearlitic Malleable	<250	6-12	5-9	-	-
Alloy SG Iron NiHard	>250	3-5	4-8	-	-
ALUMINIUM					
Wrought (soft) & Extruded	<150	15-25	25-35b	18-30	30-50
Wrought & Treated >150	12-20	20-35b	16-25	25-40	-
Cast Low Silicon 5%	<150	10-15	15-22b	12-18	20-30
Cast High Silicon 10%	>150	8-12	10-18b	8-16	-
COPPER					
Pure Copper <100	6-12	-	9-15	14-20	-
Alpha Brass (soft yellow)	<200	24-30	-	-	20-30
Beta Brass >200	18-24	-	-	-	-
High Tensile Bronze	<350	8-16	9-18b	8-16	-
NICKEL					
Pure Nickle <300	5-9	7-11	5-8	15-22	-
Nickle, Nimonic 75 Hasteloy Alloys	>300	-	3-7	-	-
Nickle, Inconel 718 Alloy	-	-	1-4	-	-
TITANIUM					
Pure Titanium <200	6-12	8-10	5-8	10-15	-
Titanium Alloys >300	-	3-6	3-6	6-12	-

MC (Metric Coarse)

TAP SIZE	PITCH MM	TAPPING DRILL
M1.6	0.035	1.25
M2	0.4	1.6
M2.5	0.45	2.05
M3	0.5	2.5
M3.5	0.6	2.9
M4	0.7	3.3
M4.5	0.75	3.7
M5	0.8	4.2
M6	1	5
M8	1.25	6.8
M10	1.5	8.5
M12	1.75	10.2
M14	2	12
M16	2	14
M18	2.5	15.5
M20	2.5	17.5
M22	2.5	19.5
M24	3	21
M27	3	24
M30	3.5	26.5
M33	3.5	29.5
M36	4	32
M42	4.5	37.5
M45	4.5	40.5
M48	5	43
M52	5	47
M56	5.5	50.5

MF (Metric Fine)

TAP SIZE	PITCH MM	TAPPING DRILL
M4	0.5	3.5
M5	0.5	4.5
M6	0.75	5.3
M8	1	7
M10*	1	9
M10	1.25	8.8
M12*	1.25	10.8
M12	1.5	10.5
M14*	1.25	12.8
M14	1.5	12.5
M16	1.5	14.5
M18	1.5	16.5
M20	1.5	18.5
M22	1.5	20.5
M24	2	22
M25	1.5	23.5
M32	1.5	30.5
M40	1.5	38.5
M50	1.5	48.5

* Spark Plug

UNF (Unified National Fine)

TAP SIZE	TPI	TAPPING DRILL
#3 (0.99)	56	2.1
#4 (.112)	48	2.35
#5 (.125)	44	2.65
#6 (.138)	40	2.9
#8 (.164)	36	3.5
#10 (.190)	32	4.1
#12 (.216)	28	4.6
3/16	32	4
1/4	28	5.5
5/16	24	6.9
3/8	24	8.5
7/16	20	9.8
1/2	20	11.56
9/16	18	12.8
5/8	18	14.5
3/4	16	17.5
7/8	14	20.5
1	12	23.5
1 (UNS)	14	24
1-1/8	12	26.5
1-1/4	12	29.5
1-3/8	12	33.01
1-1/2	12	36

UNC (United National Coarse)

TAP SIZE	TPI	TAPPING DRILL
#2 (.086)	56	1.85
#3 (.099)	48	2.1
#4 (.112)	40	2.3
#5 (.125)	40	2.6
#6 (.138)	32	2.8
#8 (.164)	32	3.4
#10 (.190)	24	3.8
#12 (.216)	24	4.5
1/4	20	5.1
5/16	18	6.6
3/8	16	8
7/16	14	9.4
1/2	13	10.8
9/16	12	12.2
5/8	11	3.5
3/4	10	16.5
7/8	9	19.5
1	8	22.2
1-1/8	7	25
1-1/4	7	28
1-3/8	6	31
1-1/2	6	34
1-3/4	5	39.5
2	4.5	45

BSW (British Standard Whitworth)

TAP SIZE	TPI	TAPPING DRILL
1/16	60	1.2
3/32	48	1.85
1/8	40	2.55
5/32	32	3.2
3/16	24	3.7
3/32	24	4.5
1/4	20	5.1
5/16	18	6.5
3/8	16	7.9
7/16	14	9.3
1/2	12	10.5
9/16	12	12.1
5/8	11	13.5
3/4	10	16.25
7/8	9	19.25
1	8	22
1-1/8	7	24.75
1-1/4	7	28
1-1/2	6	33.5
1-3/4	5	39
2	4-1/2	44.5

BSF (British Standard Fine)

TAP SIZE	TPI	TAPPING DRILL
3/16	32	4
7/32	28	4.6
1/4	26	5.3
5/16	22	6.8
3/8	20	8.3
7/16	18	9.8
1/2	16	11
9/16	16	12.7
5/8	14	14
11/16	14	15.5
3/4	12	16.75
7/8	11	19.75
1	10	22.75
1-1/8	9	25.5
1-1/4	9	28.5
1-1/2	8	34.5
1-3/4	7	41

NPSF (National Pipe Straight)

TAP SIZE	TPI	TAPPING DRILL
1/8	27	8.6
1/4	18	11.3
3/8	18	14.5
1/2	14	18
	28	4.6
	32	4
	28	5.5
	24	6.9
	24	8.5
	20	9.8
	20	11.56
	18	12.8
	18	14.5
	16	17.5
	14	20.5
	12	23.5
	14	24
	12	26.5
	12	29.5
	12	33.01

BSPT (ISO Rc Taper Series)

TAP SIZE	TPI	TAPPING DRILL
Rc 1/16	28	6.4
Rc 1/8	28	8.4
Rc 1/4	19	11.2
Rc 3/8	19	14.75
Rc 1/2	14	18.25
Rc 3/4	14	23.75
Rc 1	11	30
Rc 1-1/4	11	38.5
Rc 1-1/2	11	44.5
Rc 2	11	56

NPT (National Pipe Taper)

TAP SIZE	TPI	TAPPING DRILL
1/16	27	6.3
1/8	27	8.5
1/4	18	11
3/8	18	14.5
1/2	14	18
3/4	14	23
1	11-1/2	29.0
1-1/4	11-1/2	37.5
1-1/2	11-1/2	44
2	11-1/2	55.5

TAPPING CHART

THREAD FORMING (FLUTELESS TAPS)

Metric Coarse

TAP SIZE	PITCH MM	TAPPING DRILL
M1.6	0.035	1.25
M2	0.4	1.6
M2.5	0.45	2.05
M3	0.5	2.5
M3.5	0.6	2.9
M4	0.7	3.3
M4.5	0.75	3.7
M5	0.8	4.2
M6	1	5
M8	1.25	6.8
M10	1.5	8.5
M12	1.75	10.2
M14	2	12
M16	2	14
M18	2.5	15.5
M20	2.5	17.5
M22	2.5	19.5
M24	3	21
M27	3	24
M30	3.5	26.5
M33	3.5	29.5
M36	4	32
M42	4.5	37.5
M45	4.5	40.5
M48	5	43
M52	5	47
M56	5.5	50.5

BSW

TAP SIZE	PITCH MM	TAPPING DRILL
1/8	40	2.9
5/32	32	3.6
3/16	24	4.3
1/4	20	5.8
5/16	18	7.3
3/8	16	8.8

UNC

TAP SIZE	TPI	TAPPING DRILL
#1 (.073)	64	1.7
#2 (.086)	56	2
#3 (.099)	48	2.3
#4 (.112)	40	2.6
#5 (1.25)	40	2.9
#6 (.138)	32	3.2
#8 (.164)	32	3.8
#10 (.190)	24	4.4
#12 (.216)	24	5
1/4	20	5.8
5/16	18	7.3
3/8	16	8.8
7/16	14	10.2
1/2	13	11.7

UNF

TAP SIZE	TPI	TAPPING DRILL
#1 (.073)	72	1.7
#2 (.086)	64	2
#3 (.099)	56	2.3
#4 (.112)	40	2.6
#5 (.125)	44	2.9
#6 (.138)	40	3.2
#8 (1.64)	36	3.9
#10 (.190)	32	4.5
#12 (.216)	28	5.1
1/4	28	6
5/16	24	7.5
3/8	24	9
7/16	20	10.6
1/2	20	12.1

BSPF

TAP SIZE	PITCH MM	TAPPING DRILL
1/8	28	9.25
1/4	19	12.5
3/8	19	16
1/2	14	20
5/8	14	22
3/4	14	25.5
7/8	14	29.25
1	11	32



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