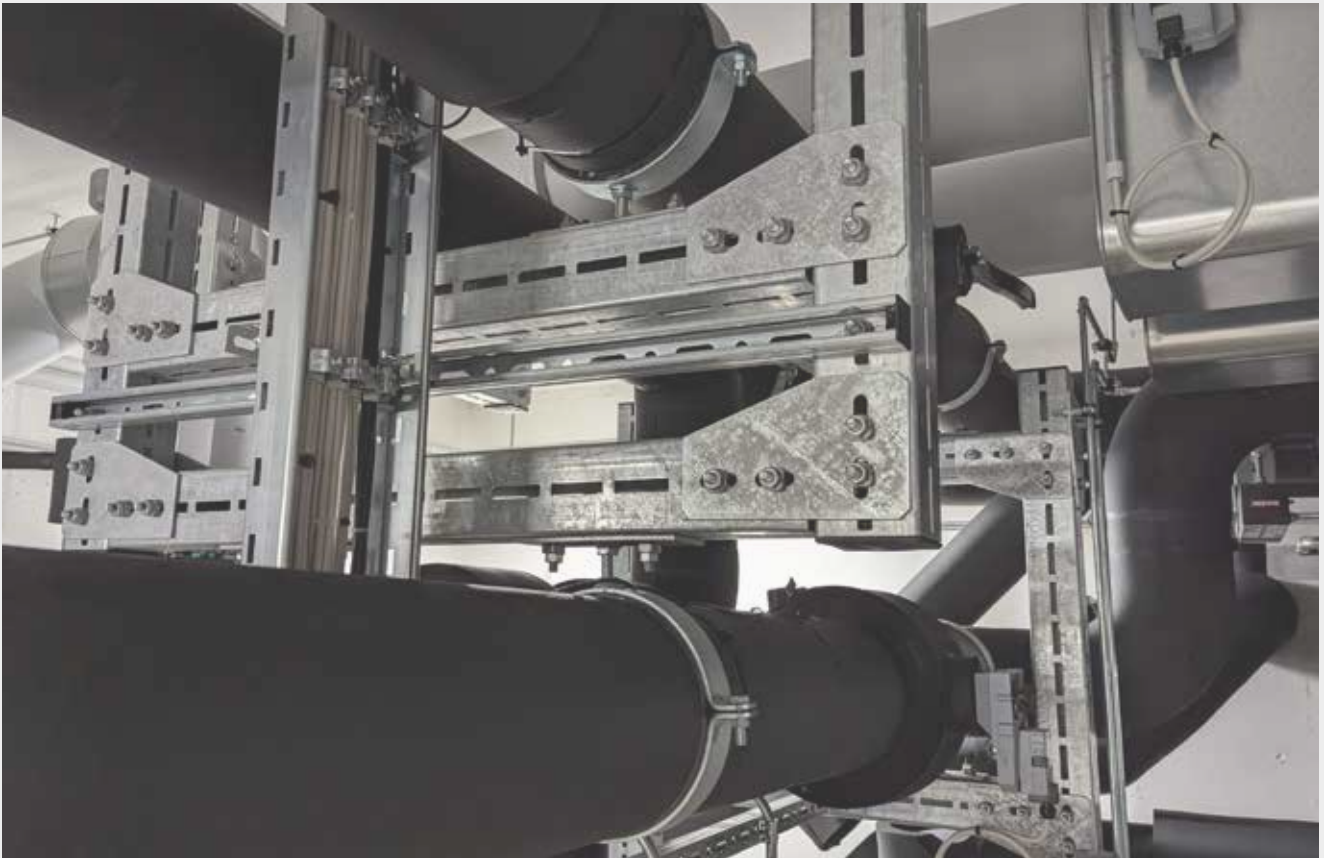




Industrial
Modular Steel
Frame System

Industrial Modular Steel Frame System

TekSpan enables contractors and installers to build a frame on site that provides similar strength qualities to welded steel frames, but can be easily transported to site and erected quickly in situ. Based on a hot dipped galvanised box frame and using a unique T-bolt fastening system, TekSpan has been installed on many projects throughout Europe and is stocked in the UK for fast delivery to site.



- ✓ Avoid bulky and awkward logistics on frame installs
- ✓ Build support frames faster and more efficiently
- ✓ Erect a complete frame using just a torque wrench
- ✓ Avoid hot-works permit requirements on site
- ✓ Fast and easy to level up
- ✓ Superior strength properties to channel and other frame brands
- ✓ Full design capability
- ✓ Available in 80mm or 100mm variants
- ✓ Patented T-bolt fastening system

Go modular to get the job done

Why weld secondary steel frames? Modular systems like TekSpan are fast, load-compatible and highly cost-effective in comparison.

With a number of real-life advantages of welded frames, not least in speed of installation and versatility of adjustment, TekSpan helps you achieve project deadlines and keep budgets on track.

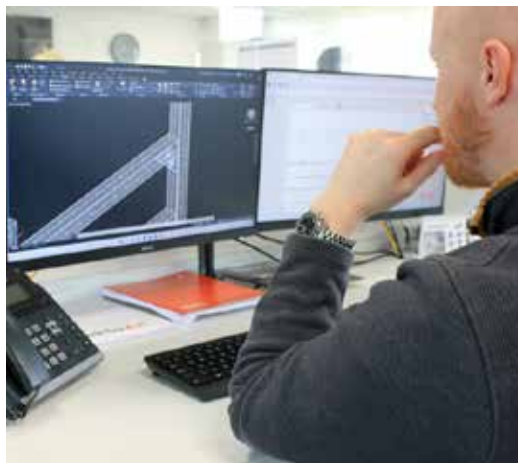
TekSpan gives arguably the best mix of cost-efficiency and problem-solving capabilities, with its simple, strong design, and is ideal for permanent or temporary support solutions. Finished in hot dip galvanised steel, TekSpan is suitable for use in both internal and external environments and needs nothing more than a 19mm socket to assemble.



Project Support

From initial project discussion through to delivery of the components or custom-built frame, we're here to support you and help your project complete on time. With years of experience in addressing complex M&E and HVAC project challenges we're keen to help you find the TekSpan solution for your individual project requirements. Need a site visit to get the scope of the job, or demonstrate the TekSpan advantage to your team in person? - no problem, just talk to us and we'll be glad to help.

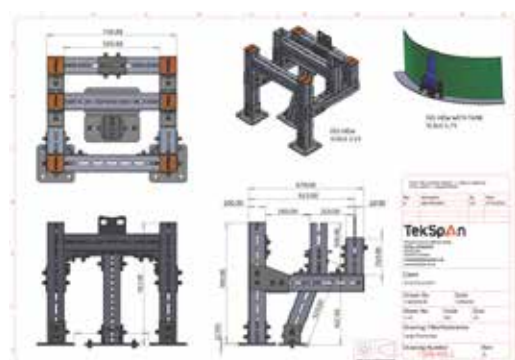
And of course, early engagement in the project is always a good idea, in order to maximise the efficiencies and value TekSpan can bring you.



Design Service

Whether you're looking for a simple goalpost-style or AHU deck frame, or a full data centre support frame package designed and calculated, we have the experience and expertise you need.

We can escalate intricate loading challenges to our qualified design engineers to ensure that the proposal we make is fit for purpose. Or if you prefer, we're also happy to share the TekSpan CAD files for you to draw up your own frame designs; either way, our aim is to make designing TekSpan frames a simple and hassle-free experience.



TekSpan - where orange is green

And with scrutiny of the environmental impact of various construction materials ever increasing, TekSpan again shines; apart from the T-lock bolt, every part of the TekSpan system is reusable and can be repurposed in future frame designs, making it not just a low carbon solution to a project's longevity, but a very cost-efficient one too.



“ The TekSpan team came to site and reviewed the project prior to creating a set of designs and loading calculations. My client is very impressed with the product and has asked us to use TekSpan on future projects too. When we get the whole package basically designed, calc'd and supplied, I can't ask for a simpler solution really. ”

Mechanical manager,
M&E contractor

Reduce lead times, reduce logistics, increase productivity

Modular frames such as TekSpan don't suffer from the challenges that prefabricated frames bring to site installations. Instead of building off site and requiring extensive logistics input to get the frame onto site, TekSpan allows you to simply build rigid frames in situ from a minimal number of components. So no hiring in of cranes to lift frames off artic lorries onto the site, no road closures for the crane, and no large vehicle access required.

And with large stock of profiles and brackets held in two UK locations, TekSpan is available for delivery to mainland UK sites within 24 hours and can be transported easily and efficiently using standard delivery vehicles.



“ It's just loads quicker
and easier than using
bespoke frames. ”

M&E Contracts Manager



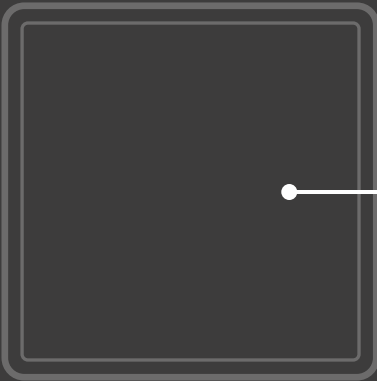
Good for the whole site

TekSpan is often used in locations where fabricated frames are difficult to transport to, such as in basement rooms or as rooftop supports, thanks to its modular assembly method. No hot works permits required on site, no detailed welding or drilling to manufacture frames to, no finishing of bare metal required, no long-winded adjustment of feet to match floor levels to, and minimal overall site disruption. And it's also super-quick to attach the ubiquitous Unistrut®-style frame system to.

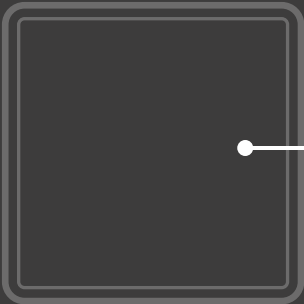
TekSpan works for everyone on the site, not just the mechanical and electrical contractors.

Full AHU deck / access platform design service available!

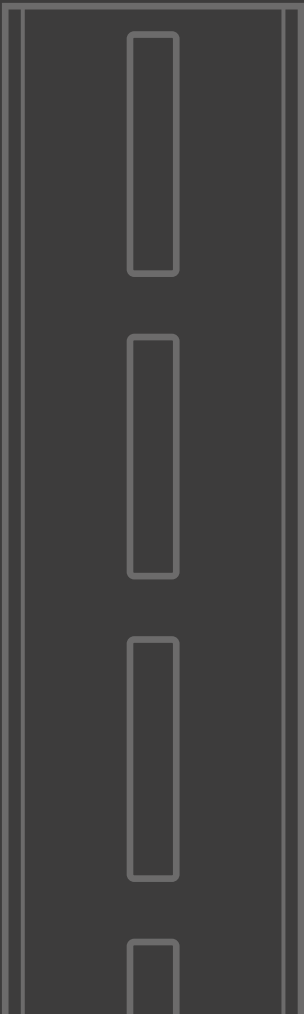
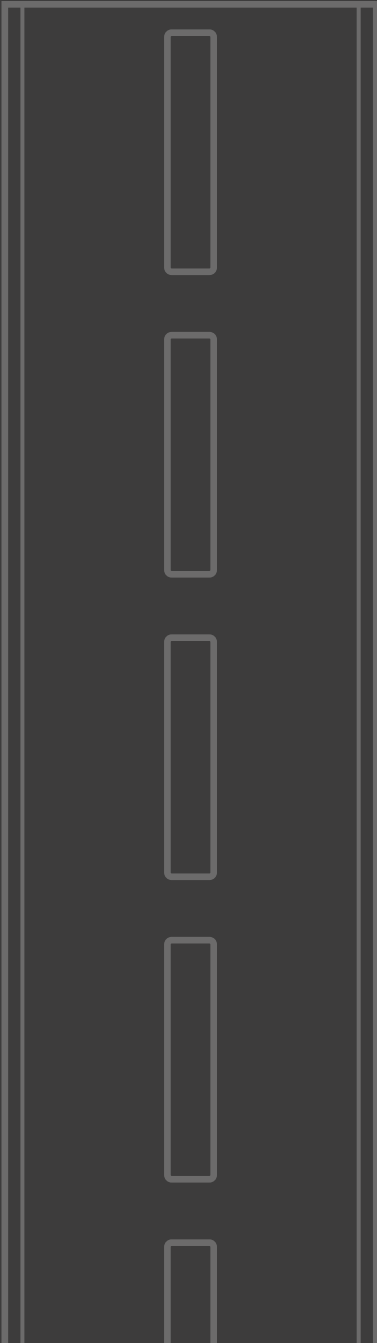
Industrial
Modular Steel Frame System



TekSpan®
100mm Profile



TekSpan®
80mm Profile



41x41 Channel
(Shown for comparison)



TekSpan® Pre-Slotted Profile Lengths

The skeleton of the TekSpan system; high grade pre-slotted profiles supplied in hot dip galvanised finish, for ultimate longevity in external or internal applications. Available in 80x80x2.5mm, or 100x100x3mm variants, TekSpan profiles are delivered in 6m lengths and can be simply cut on site using a chopsaw to achieve the required length. With a high loadbearing capacity, TekSpan fills the gap between regular Unistrut-style channel and primary steel beams, and accommodates direct connection to Unistrut too, making it the ideal main frame for smaller services to tap off from.

Use with T-lock bolts and the wide range of available brackets to achieve the support frame you need.

Need your profiles supplied cut to length? – just ask.



Code	Description	Dimensions
60110	TekSpan® HDG 80mm Profile Length	80mm x 80mm x 6m (2.5mm thick)
60115	TekSpan® HDG 100mm Profile Length	100mm x 100mm x 6m (3.0mm thick)

Industrial Modular Steel Frame System



Lock it in

With T-lock, the profile and joining bracket are securely clamped together with a positive mechanical clamp action - so no screwing through one part of the frame to another. T-lock bolts lock on securely - very, very securely.

Additionally the T-lock bolt is of zinc nickel construction, salt-spray tested to 720 hours, and presents no issues with zinc whiskers for data centre installations.



Bolt, don't screw

At the heart of the TekSpan system is the patented T-lock bolt. This unique M12 hammerhead bolt is made from 10.9 high grade steel, giving it up to 10kN shear strength, and needs no special tools to install – just a 19mm socket on a torque wrench.

TekSpan® T-Lock Bolt

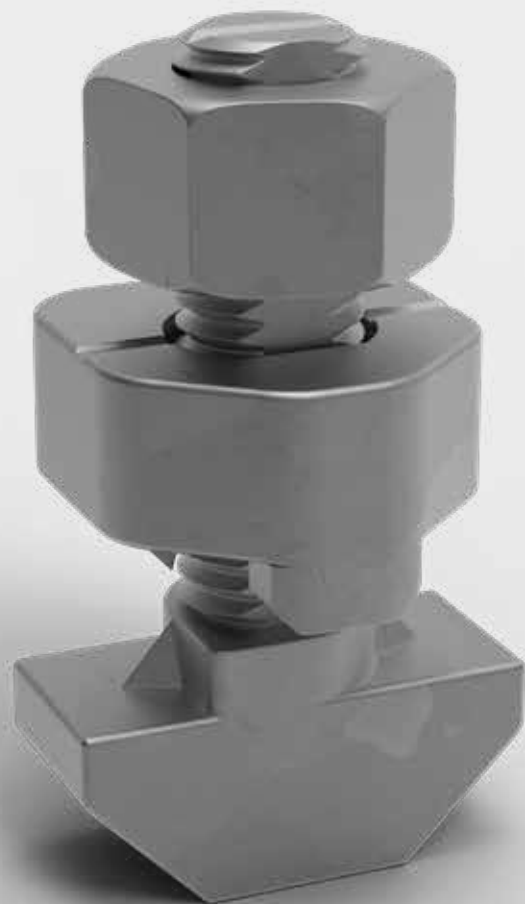
For fastening brackets to profiles at multiple angles.

T-Lock Bolt Plus

The fastest way to bolt 90degree brackets to profiles. Improved design with slotted lock washer makes installation even simpler.

T-Lock Bolt with steel disc

For connecting Unistrut channel to TekSpan, and other lighter weight bracketry.



Code	Description	Dimensions
60135	TekSpan® T-Lock Bolt	M12 x 40mm
60140	TekSpan® T-Lock Bolt Plus	M12 x 40mm
60145	TekSpan® T-Lock Bolt with Steel Disc	M12 x 40mm

TekSpΔn[®]

Product Range

TekSpan® Profile 80mm

High grade pre-slotted 80m x 80mm profiles supplied in hot dip galvanised finish.

Code	Description	Dimensions
60110	TekSpan® HDG 80mm Profile Length	80mm x 80mm x 6m (2.5mm thick)



TekSpan® Profile 100mm

High grade pre-slotted 100m x 100mm profiles supplied in hot dip galvanised finish.

Code	Description	Dimensions
60115	TekSpan® HDG 100mm Profile Length	100mm x 100mm x 6m (3.0mm thick)



TekSpan® T-Lock Bolt

Fasten brackets to profiles at varying angles.

Code	Description	Dimensions
60135	TekSpan® T-Lock Bolt	M12 x 40mm



TekSpan® T-Lock Bolt Plus

The fastest way to bolt 90degree brackets to profiles.

Code	Description	Dimensions
60140	TekSpan® T-Lock Bolt Plus	M12 x 40mm

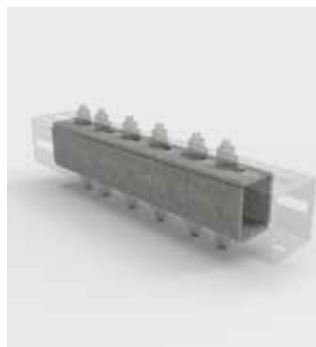


TekSpan® T-Lock Bolt with Steel Disc

Recommended for connecting standard Unistrut® channel to TekSpan

Code	Description	Dimensions
60145	TekSpan® T-Lock Bolt with steel disc	M12 x 40mm





TekSpan® Connector Set

Two piece in-line jointing set to enable end-to-end profile connection for 80mm and 100mm TekSpan profile sizes

Code	Description	Dimensions
60335	TekSpan® Connector Set	59mm x 67mm x 380mm



TekSpan® End Caps

End caps for finishing / capping off frame terminations

Code	Description	Dimensions
60150	TekSpan® end cap for 80mm profile	80mm x 80mm x 30mm
60155	TekSpan® end cap for 100mm profile	100mm x 100mm x 48mm



TekSpan® 2-Hole Angle Bracket

Two hole 90° angle bracket for mounting profiles at right angles. 8mm thick

Code	Description	Dimensions
60240	TekSpan® 2-hole angle bracket for 80mm frame profiles	70mm x 100mm x 100mm



TekSpan® 3-Hole Angle Bracket

Three hole 90° angle bracket for mounting profiles at right angles with extra load bearing. 10mm thick

Code	Description	Dimensions
60250	TekSpan® 3-hole angle bracket for 80mm profile	70mm x 100mm x 150mm
60255	TekSpan® 3-hole angle bracket for 100mm profile	90mm x 100mm x 150mm



TekSpan® 3-Hole Angle Bracket Cross Mount

Three hole 90° cross mount bracket allowing for longitudinal adjustment when installing. 9mm thick (80mm) and 10mm thick (100mm)

Code	Description	Dimensions
60260	TekSpan® 3-hole angle cross mount for 80mm profile	70mm x 150mm x 75mm
60265	TekSpan® 3-hole angle cross mount for 100mm profile	90mm x 150mm x 100mm

TekSpan® Corner Plates

Pair of corner plate brackets, for facefixing of a 90° horizontal joint

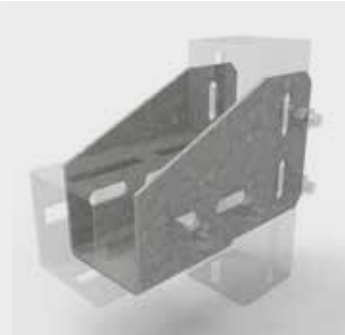
Code	Description	Dimensions
60270	TekSpan® corner plate for 80mm frame. 5mm thick	205mm x 130mm x 5mm
60275	TekSpan® corner plate for 100mm frame. 6mm thick	230mm x 140mm x 6mm



TekSpan® Saddle Bracket

Saddle bracket for extra strength in joining 100mm profiles at 90°

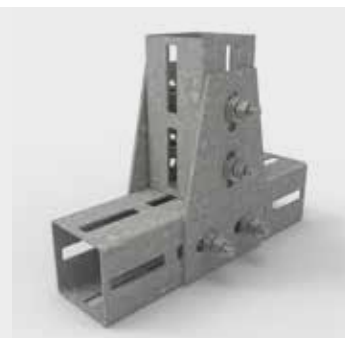
Code	Description	Dimensions
60235	TekSpan® saddle bracket 100mm profile. 6mm thick	230mm x 140mm x 112mm



TekSpan® T-Plate Brackets

Pair of T-plate brackets, for face-fixing of a 90° vertical joint

Code	Description	Dimensions
60280	TekSpan® T-plate for 80mm frame. 5mm thick	205mm x 130mm x 5mm
60285	TekSpan® T-plate for 100mm frame. 6mm thick	240mm x 200mm x 6mm



TekSpan® Cranked T-Plate Brackets

Pair of cranked T-Plates for connecting 80mm profiles to 100mm profiles

Code	Description	Dimensions
60300	TekSpan® cranked T-plate. 5mm thick	235mm x 130mm x 15mm



TekSpan® Cross Plates

Pair of cross plate brackets for connecting 80mm and 100mm frame profiles

Code	Description	Dimensions
60290	TekSpan® cross plate for 80mm profile. 5mm thick	340mm x 130mm x 5mm
60295	TekSpan® cross plate for 100mm profile. 6mm thick	370mm x 200mm x 6mm





TekSpan® Thread Connector

Profile to threaded rod connector, for fixing rods and suspension of threaded fasteners

Code	Description	Dimensions
60160	TekSpan® thread connector M10	M10
60175	TekSpan® thread connector M12	M12



TekSpan® Threaded Boss

For mounting on TekSpan profile to make M16 threaded connections. Zinc-nickel plated.

Code	Description	Dimensions
60180	TekSpan® thread connector 80mm profile. 4mm thick	90mm x 64mm x 70mm
60185	TekSpan® thread connector 100mm profile. 4mm thick	110mm x 74mm x 70mm



TekSpan® Heavy Duty Thread Connector

For mounting on TekSpan profile to make M16 threaded connections. Zinc-nickel plated.

Code	Description	Dimensions
60180	TekSpan® thread connector 80mm profile. 4mm thick	90mm x 64mm x 70mm
60185	TekSpan® thread connector 100mm profile. 4mm thick	110mm x 74mm x 70mm



TekSpan® Clevis Yoke

Use with TekSpan clevis yoke connector to provide tension with M12/M16 threaded rod.

Code	Description	Dimensions
60405	TekSpan® M12 clevis yoke	M12
60410	TekSpan® M16 clevis yoke	M16



TekSpan® Clevis Yoke Connector

Connect to 100mm TekSpan profile to use as a lifting point, or with the optional clevis yoke to provide tension using M12/M16 threaded rod.

Code	Description	Dimensions
60395	TekSpan® M12 clevis yoke connector for 100mm profile	113mm x 86mm x 130mm
60400	TekSpan® M16 clevis yoke connector for 100mm profile	113mm x 96mm x 130mm

TekSpan® Beam Connector Clamp

Beam connector clamp, for securing profiles to I-beams and girders

Code	Description	Dimensions
60190	TekSpan® beam clamp for 80mm profile	160mm x 160mm x 100mm
60195	TekSpan® beam clamp for 100mm profile	180mm x 200mm x 100mm



TekSpan® Rubber Square Foot

Recycled rubber square foot for supporting 80mm or 100mm profile

Code	Description	Dimensions
60100	TekSpan® rubber square foot for 80mm profile	350mm x 350mm x 110mm
60105	TekSpan® rubber square foot for 100mm profile	500mm x 500mm x 130mm



TekSpan® Integral Baseplate Foot and Profile

Integral baseplate foot and profile section for lower height installs and wall mounting

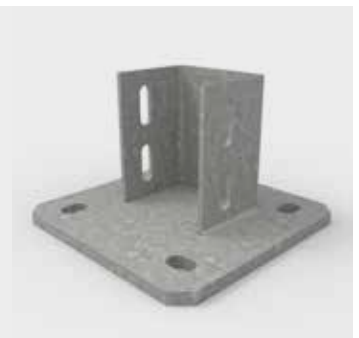
Code	Description	Dimensions
60220	TekSpan® integral foot and 80mm profile	720mm x 200mm x 200mm
60225	TekSpan® integral foot and 80mm profile	1440mm x 200mm x 200mm
60230	TekSpan® integral foot and 100mm profile	720mm x 220mm x 220mm



TekSpan® Baseplate

Bolt-down baseplate for floor or wall mounting

Code	Description	Dimensions
60305	TekSpan® baseplate for 80mm profile	200mm x 200mm x 140mm
60310	TekSpan® baseplate for 100mm profile	220mm x 220mm x 140mm



TekSpan® Holder Plate

Holder plate for mounting frames, with the facility to support angled connections

Code	Description	Dimensions
60200	TekSpan® vertical holder plate for 80mm profile	260mm x 140mm x 120mm
60205	TekSpan® horizontal holder plate for 100mm profile	160mm x 320mm x 120mm
60210	TekSpan® vertical holder plate for 100mm profile	260mm x 160mm x 120mm





TekSpan® Pipe Holder Set

Pipe holders for mounting U-bolts directly to 80mm and 100mm frame profiles

Code	Description	Dimensions
60315	TekSpan® pipe holder for 21.3-76.1mm pipes	120mm x 65mm x 65mm
60330	TekSpan® pipe holder bracket for M12-M20 U-bolts	140mm x 65mm x 6mm



TekSpan® U-Bolt Bracket

Unique angled-slot U-bolt mounting bracket, for all pipe sizes from 80 to 275mm.

Code	Description	Dimensions
60375	TekSpan® U-bolt bracket for 80-275mm pipes	310mm x 125mm x 170mm



TekSpan® Pipe Flange Bracket Pedestal

Pipe flange support bracket, for use with PN16 pipe flanges from DN80 to DN300.

Code	Description	Dimensions
60355	TekSpan® vertical flange brackets - DN80-100	104mm x 100mm x 305mm
60350	TekSpan® vertical flange brackets - DN150-300	160mm x 100mm x 295mm



TekSpan® Pipe Flange Bracket Parallel

Pipe flange support bracket, for use with PN16 pipe flanges from DN80 to DN300.

Code	Description	Dimensions
60360	TekSpan® pipe flange bracket - DN80-100	93mm x 130mm x 169mm
60378	TekSpan® pipe flange bracket - DN150-300	93mm x 130mm x 200mm



TekSpan® Pipe Flange Bracket Cross Mount

Pipe flange support bracket, for use with PN16 pipe flanges from DN80 to DN600.

Code	Description	Dimensions
60365	TekSpan® horizontal flange bracket - DN80-100	93mm x 130mm x 169mm
60370	TekSpan® horizontal flange bracket - DN150-300	93mm x 130mm x 200mm
60380	TekSpan® horizontal flange bracket - DN300-450	113mm x 190mm x 216mm
60385	TekSpan® horizontal flange bracket - DN600	113mm x 350mm x 212mm

TekSpan® Roller Bearing Axial Pipe Slide

Absorption of axial length expansion of standing, hanging, horizontal or vertical pipe with 1x female thread socket

Code	Description	Dimensions
60345	TekSpan® roller bearing axial pipe slide M12	190mm x 120mm x 65mm
60346	TekSpan® roller bearing axial pipe slide M16	190mm x 120mm x 65mm



TekSpan® Roller Bearing Duo Axial Pipe Slide

Absorption of axial length expansion of standing, hanging, horizontal or vertical pipe with 2x female thread sockets

Code	Description	Dimensions
60347	TekSpan® roller bearing duo axial pipe slide M12	380mm x 120mm x 65mm
60348	TekSpan® roller bearing duo axial pipe slide M16	380mm x 120mm x 65mm



TekSpan® Fixpoint Bracket

Height-adjustable bracket for fixing pipe using split band clamps

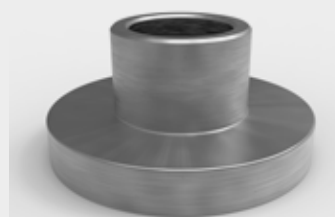
Code	Description	Dimensions
60390	TekSpan® fixpoint bracket	160mm x 100mm



TekSpan® Anchor Adapter Ring

Stepdown M16 - M12 ring insert for baseplate feet to enable M12 fixings to be used

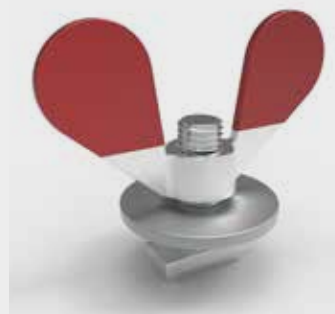
Code	Description	Dimensions
60340	TekSpan® anchor adapter ring M16 - M12	34.5mm x 17.5mm



TekSpan® FixBOB

Useful reusable tool for aiding slot alignment during installation

Code	Description	Dimensions
60130	TekSpan® FixBOB	M12 x 44mm



The modular steel frame system for

- Data Centres
- Plant Rooms
- Waste Transfer Stations
- Risers
- Water Treatment Centres
- AD Plants
- Pipework Support Frames
- Heavy Duty Roof Frames
- Plant Skids
- Gantries





The perfect solution for data centres and technical white spaces

In the sensitive world of data centres TekSpan really shines. For adding in secondary steels to create high loadbearing solutions for busbar runs, cable ladder, cooling pipework or HV cable lines, TekSpan is a proven performer.

We can work with your project layout and design fully compliant supports for every application, even when access is limited and tight spaces need to be worked round.

Design packages detailing bracket composition and loadbearing calculations are all available from the TekSpan design team.



- Support electrical containment, data cabling, busbar and pipework
- Direct connection to unistrut type channel and bracketry
- Full design-to-delivery service

No whisker formation occurs with the zinc-nickel bolt. In contrast to pure zinc coatings, there is no whisker formation when zinc-nickel is deposited as an alloy and intermetallic phase.

This has been tested using parts with the acidic zinc-nickel electrolyte used. The zinc-nickel parts were provoked with several influencing factors and no whiskers could be detected at any time.

Zinc-nickel coated parts are therefore highly suitable for use in data centres.

“ TekSpan has made our pipe support installations very efficient compared to prefabricated frames and I highly recommend using TekSpan to my colleagues whenever we can. ”

Buyer, pipework installation company



Water Industry

Proven on many water industry projects throughout the UK, TekSpan is the modular steel frame system that enables quick and easy installation of pipework and MEICA supports.

A high grade hot dip galvanised profile and bracketry bolted quickly and securely using zinc nickel bolts means that frames are erected at speed. Backed up by our in-house technical design and loading calculations service, TekSpan is fast becoming the requested frame system for water sector contractors.

“ We used to use a modular system with a screw fixing but we much prefer the TekSpan bolt. It's a proper mechanical fixing. ”

Project manager, water authority

With TekSpan, contractors get projects completed fast

Installing or replacing traditional supports requires site visits to measure up, 3rd party fabrication and galvanising, and repeated visits to install and adjust.

With TekSpan you can build a support frame on site in one visit, with component availability next day.

From flange brackets to pipe gantries, TekSpan gives you the support your water project needs. Fast.

And what's more, TekSpan bracketry is hot dip galvanised in excess of 85µm, meaning it complies with WIMES requirements for steel frames.





720 SALT
HOURS SPRAY
TEST



Benefits of TekSpan



Similar loading properties to welded steel frames



Well suited for installation in challenging environments



No on-site welding needed



33% cheaper than traditional steel frames



No need for heavy lifting equipment



Fits in the back of a van to simplify logistics



Super simple levelling



Assembled with only an impact driver or torque wrench



Carried by hand



Bracketry hot dip galvanised to minimum 85micron thickness

TekSpan Support

TekSpan products come with extensive support from expert project advice to technical design services.



Bespoke Frames



Project Calculations



Full component package from design to delivery



Project Team CPD Training

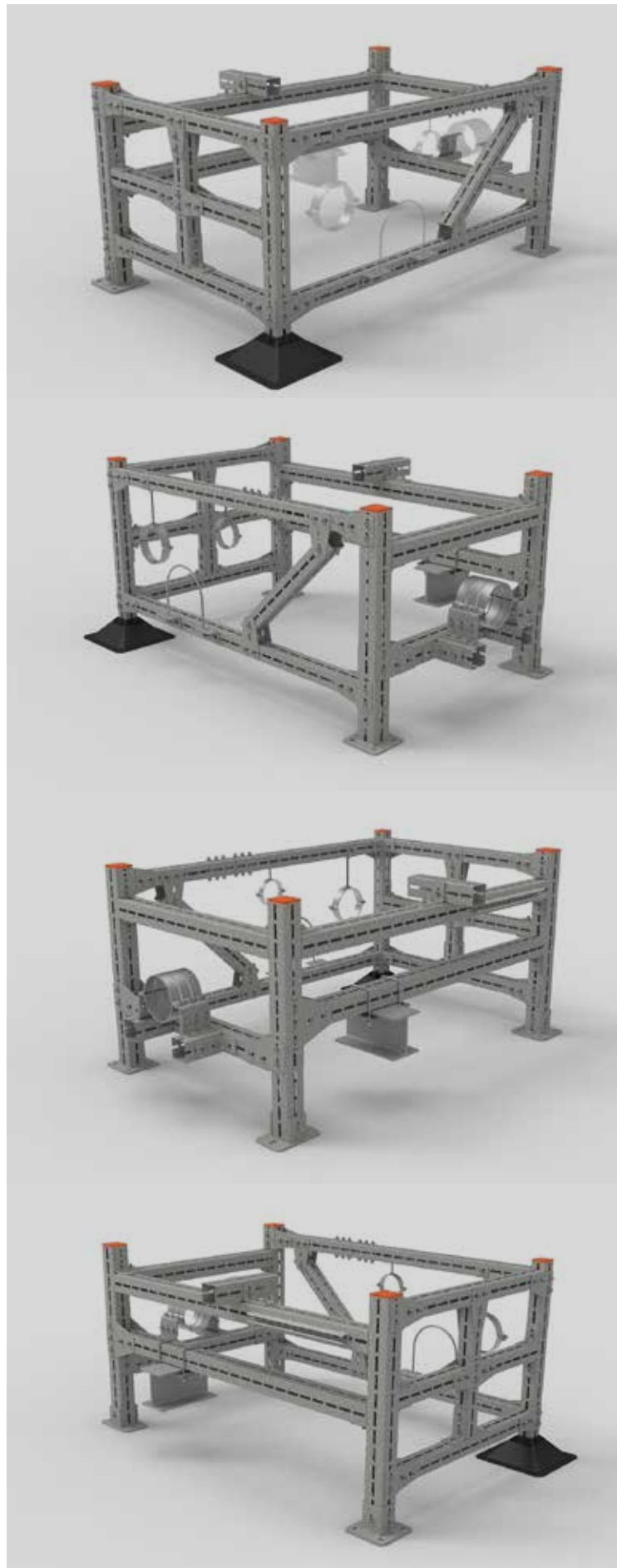
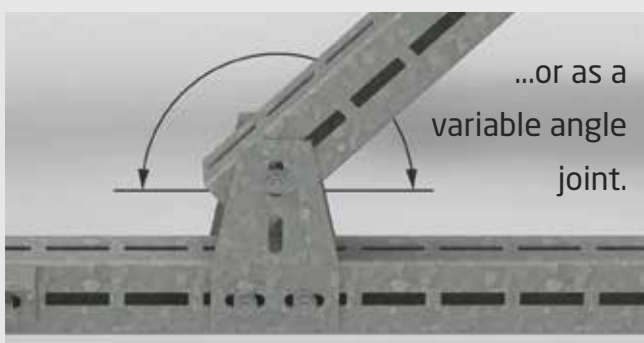
“ My projects team can't speak highly enough of TekSpan. They absolutely love the simplicity of it and the fact they can use it with Unistrut too. ”

Contracts manager, top 30
M&E contractor

It works with TekSpan

TekSpan brackets enable you to build almost any connection or support that you're ever likely to require in M&E projects. Where other systems require separate brackets for each joint, TekSpan brackets can often be used for multiple joint types, meaning less components to order.

Example





TekSpΔn[®]

Datasheets

TekSpan® 80x80mm Profile 6 Metre

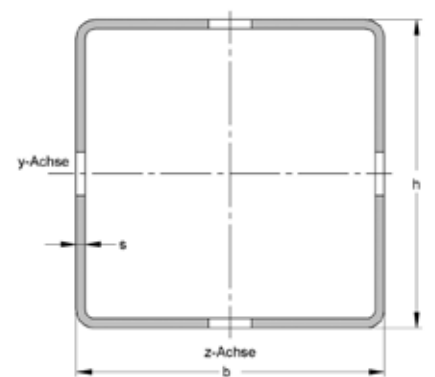
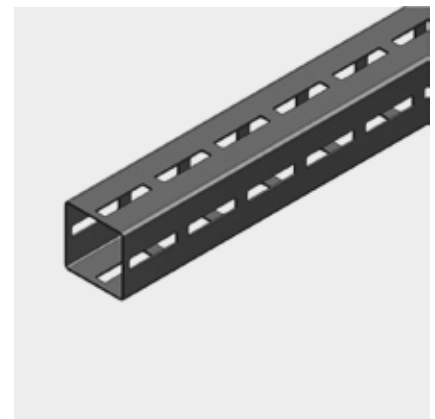
Product Code: 60110

Description

TekSpan® 80mm x 80mm x 6m profile.

Technical Details

Pack Qty	1
Weight	5.51kg/m
Material	Steel S275
Finish	HDG
Width	80mm
Height	80mm
Thickness	2.5mm
Length	6m
Slot size	14x65mm
Area (least cross section of profile rail)	6.19cm ²
Axial angular impulse I _y	64.51cm ⁴
Axial angular impulse I _z	64.51cm ⁴
Grid dimension	80mm
Centroid distance e _o	4cm
Centroid distance e _u	4cm
Centroid distance e _z	4cm
Elastic limit	275N/mm ²
Radius of inertia I _y	3.23cm
Radius of inertia I _z	3.23cm
Section modulus W _y	16.13cm ³
Section modulus W _z	16.13cm ³



Certifications



TekSpan® 100x100mm Profile 6 Metre

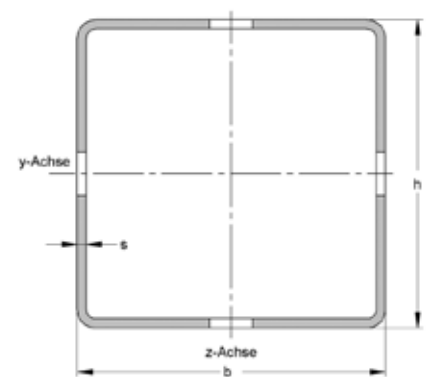
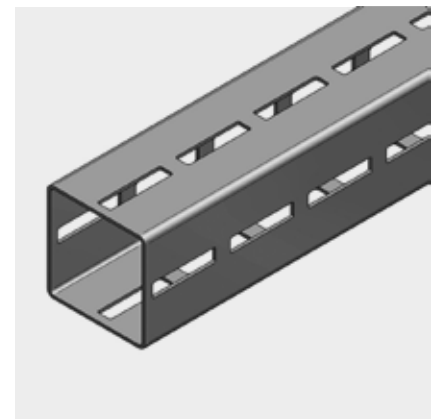
Product Code: 60115

Description

TekSpan® 100mm x 100mm x 6m profile.

Technical Details

Pack Qty	1
Weight	8.46kg/m
Material	Steel S275
Finish	HDG
Width	100mm
Height	100mm
Thickness	3mm
Length	6m
Slot size	14x65mm
Area (least cross section of profile rail)	9.73cm ²
Axial angular impulse I _y	157.14cm ⁴
Axial angular impulse I _z	157.14cm ⁴
Grid dimension	80mm
Centroid distance e _o	4cm
Centroid distance e _u	4cm
Centroid distance e _z	4cm
Elastic limit	275N/mm ²
Radius of inertia I _y	4.02cm
Radius of inertia I _z	4.02cm
Section modulus W _y	31.43cm ³
Section modulus W _z	31.43cm ³



Certifications



TekSpan® T-Lock Bolt

Product Code: 60135

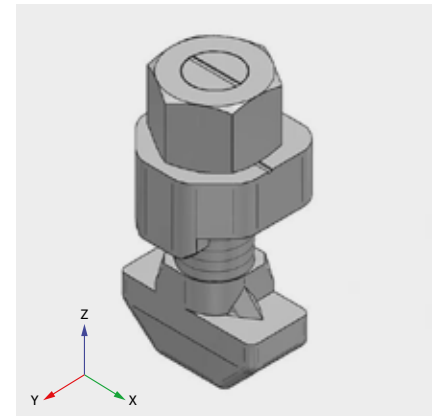
Description

10.9g T-Bolt with locking washer - locks securely through frame slots with locating collar and "bites" into bracket fixture, providing exceptional joint strength.

Technical Details

Pack Qty	50
Weight	0.120kg/st
Material	Steel
Finish	Zinc-Nickel
Strength Class	10.9
Minimum Tensile Strength	1040MPa
Minimum Yield Strength	940MPa
Max load Fx - 100mm Profile	10kN
Max load Fy - 100mm Profile	10kN
Max load Fz - 100mm Profile	3kN
Max load Fx - 80mm Profile	8kN
Max load Fy - 80mm Profile	8kN
Max load Fz - 80mm Profile	3kN
Thread	M12
Length thread	40mm
Tightening torque - 100mm Profile	120Nm
Tightening torque - 80mm Profile	90Nm
Overall length	34mm
Width hammer head	12.5mm
Diameter washer	23.5mm
Length hammer head	28mm
Thickness hammer head	12mm
Thickness washer	10mm
Profile types	80mm / 100mm

Certifications



Data Centre Compatibility

No whisker formation occurs with the zinc-nickel bolt. In contrast to pure zinc coatings, there is no whisker formation when zinc-nickel is deposited as an alloy and intermetallic phase.

This has been tested using parts with the acidic zinc-nickel electrolyte used. The zinc-nickel parts were provoked with several influencing factors and no whiskers could be detected at any time.

Zinc-nickel coated parts are therefore highly suitable for use in data centres.

TekSpan® T-Lock Bolt Plus

Product Code: 60140

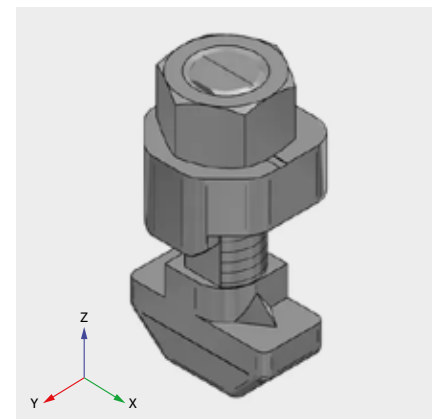
Description

T-Lock Bolt Plus with slotted locking washer making installation even easier - locks securely through profile slots with locating collar and "bites" into bracket fixture, providing exceptional joint strength.

Technical Details

Pack Qty	50
Weight	0.120kg/st
Material	Steel
Finish	Zinc-Nickel
Strength Class	10.9
Minimum Tensile Strength	1040MPa
Minimum Yield Strength	940MPa
Max load Fx - 100mm Profile	10kN
Max load Fy - 100mm Profile	10kN
Max load Fz - 100mm Profile	3kN
Max load Fx - 80mm Profile	8kN
Max load Fy - 80mm Profile	8kN
Max load Fz - 80mm Profile	3kN
Thread	M12
Length thread	40mm
Tightening torque - 100mm Profile	120Nm
Tightening torque - 80mm Profile	90Nm
Overall length	34mm
Width hammer head	12.5mm
Diameter washer	23.5mm
Length hammer head	28mm
Thickness hammer head	12mm
Thickness washer	10mm
Profile types	80mm / 100mm

Certifications



Data Centre Compatibility

No whisker formation occurs with the zinc-nickel bolt. In contrast to pure zinc coatings, there is no whisker formation when zinc-nickel is deposited as an alloy and intermetallic phase.

This has been tested using parts with the acidic zinc-nickel electrolyte used. The zinc-nickel parts were provoked with several influencing factors and no whiskers could be detected at any time.

Zinc-nickel coated parts are therefore highly suitable for use in data centres.

TekSpan® T-Lock Bolt with Steel Disc

Product Code: 60145

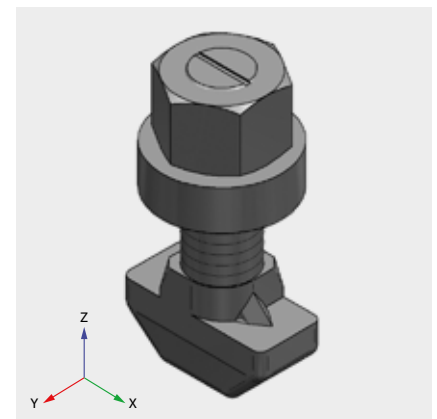
Description

For applications such as connecting standard Unistrut channel to TekSpan, the T-Lock bolt with steel disc washer is recommended. This uses the same T-Lock bolt but with a heavy-duty steel washer to avoid impacting lighter-weight components that are being connected.

Technical Details

Pack Qty	50
Weight	0.10kg/st
Material	Steel
Finish	Zinc-Nickel
Strength Class	10.9
Minimum Tensile Strength	1040MPa
Minimum Yield Strength	940MPa
Max load Fx - 100mm Profile	3kN
Max load Fy - 100mm Profile	10kN
Max load Fz - 100mm Profile	3kN
Max load Fx - 80mm Profile	3kN
Max load Fy - 80mm Profile	8kN
Max load Fz - 80mm Profile	3kN
Thread	M12
Length thread	40mm
Tightening torque - 100mm Profile	120Nm
Tightening torque - 80mm Profile	90Nm
Overall length	34mm
Width hammer head	12.5mm
Diameter washer	24mm
Length hammer head	28mm
Thickness hammer head	12mm
Thickness washer	8mm
Profile types	80mm / 100mm

Certifications



Data Centre Compatibility

No whisker formation occurs with the zinc-nickel bolt. In contrast to pure zinc coatings, there is no whisker formation when zinc-nickel is deposited as an alloy and intermetallic phase.

This has been tested using parts with the acidic zinc-nickel electrolyte used. The zinc-nickel parts were provoked with several influencing factors and no whiskers could be detected at any time.

Zinc-nickel coated parts are therefore highly suitable for use in data centres.

TekSpan® Connector Set

Product Code: 60335

Description

TekSpan® Connector Set

Two piece in-line jointing set for all TekSpan® frame profile sizes.

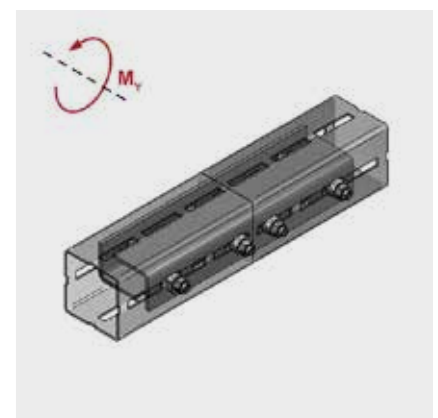
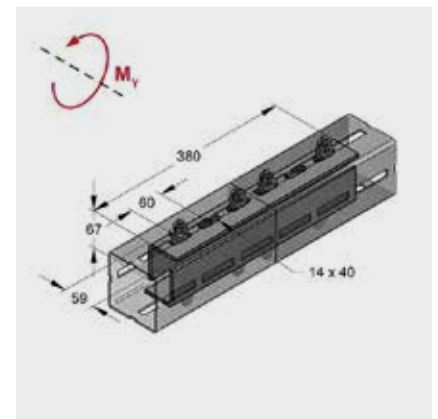
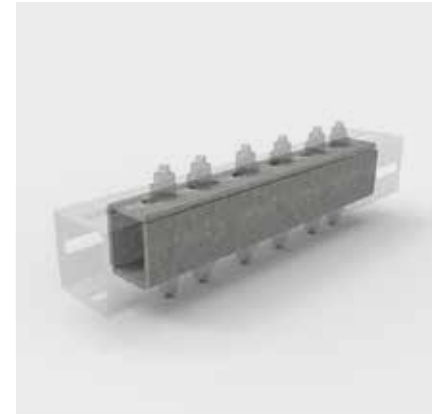
Pack Contains

2x Steel Profile Connectors

8x T-Lock Bolts

Technical Details

Pack Qty	1
Weight	5.28kg/pc
Material	Steel S235
Finish Steel Profiles	HDG
Finish Bolts	Zinc-Nickel
Profile type	80mm / 100mm
Width	67mm
Height	59mm
Length	380mm
Tightening torque	120Nm
Slot size	14x40mm
Limited torque M_v 80mm profile at screw position top/bottom	1.25kNm
Limited torque M_v 80mm profile at screw position left/right	0.85kNm
Limited torque M_v 100mm profile at screw position top/bottom	2.50kNm
Limited torque M_v 100mm profile at screw position left/right	1.35kNm



Certifications



TekSpan® End Caps

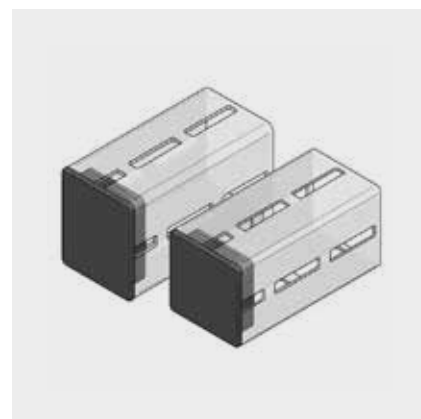
Product Code: 60150 / 60155

Description

Plastic end caps for finishing/capping for 80mm and 100 frame terminations.

Technical Details

Product Code	60150	60155
Pack Qty	20	20
Weight	0.0590kg/pc	0.0790kg/pc
Material	Plastic PE	Plastic PE
Colour	Orange	Orange
Profile type	80mm	100mm



TekSpan® 2-Hole Angle Bracket

Product Code: 60240

Description

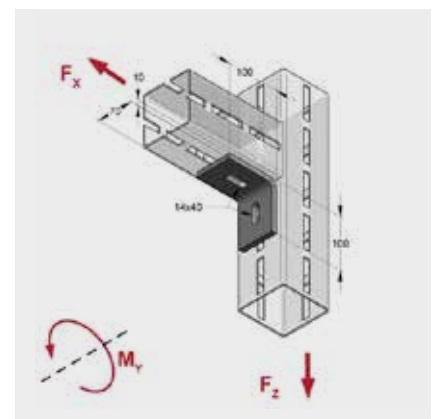
TekSpan® 90° 2 Hole Angle Bracket

Two hole 90° angle bracket, for mounting 80mm profiles at right angles.

Technical Details

Pack Qty	1
Weight	1.02kg/pc
Material	Steel S235
Finish	HDG
Profile type	80mm
Length wing 1	100mm
Length wing 2	100mm
Width	70mm
Material thickness	8mm
Slot size	14x40mm
Load Fx	5.2kN
Load Fz	8.0kN
Limited torque My	0.4kNm
Angle	90°

Certifications



TekSpan® 3-Hole Angle Bracket

Product Code: 60250 / 60255

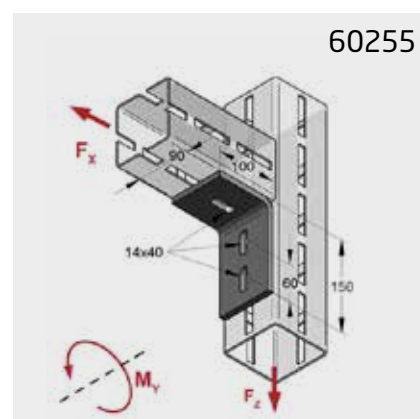
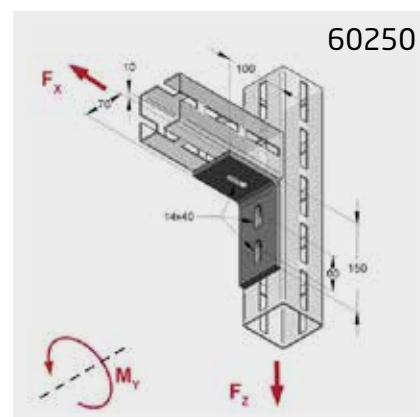
Description

TekSpan® 90° 3 Hole Angle Bracket for 80mm and 100mm profiles.

Angle bracket for mounting profiles at right angles with extra load bearing.

Technical Details

Product Code	60250	60255
Pack Qty	1	1
Weight	1.28kg/pc	1.68kg/pc
Material	Steel S235	Steel S235
Finish	HDG	HDG
Profile type	80mm	100mm
Length wing 1	150mm	150mm
Length wing 2	100mm	100mm
Width	70mm	90mm
Material thickness	10mm	10mm
Slot size	14x40mm	14x40mm
Load Fx	5.2kN	6.0kN
Load Fz	16.0kN	20.0kN
Limited torque M _y	0.4kNm	0.5kNm
Angle	90°	90°



Certifications



TekSpan® 3-Hole Angle Bracket Cross Mount

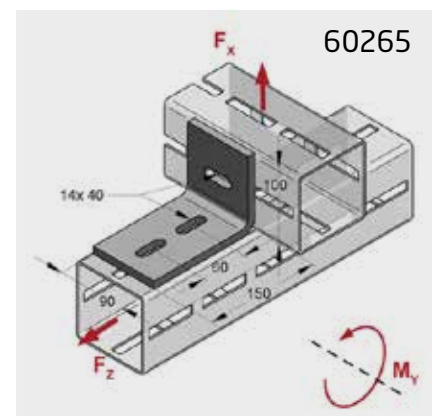
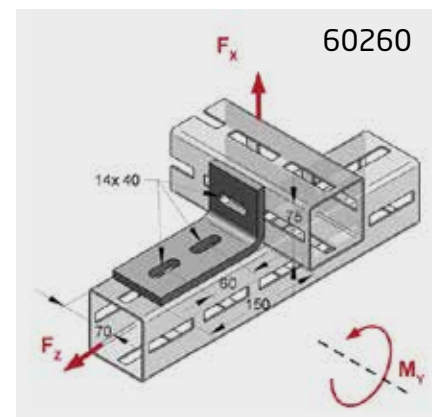
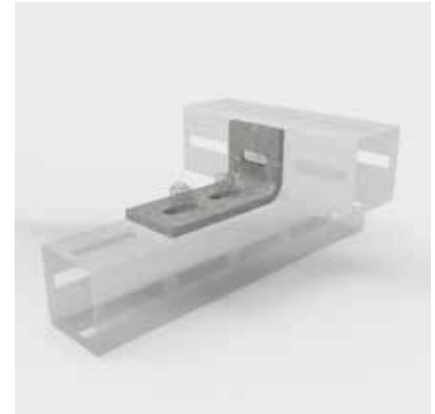
Product Code: 60260 / 60265

Description

TekSpan® 90° 3 Hole Angle Cross-Bracket for 80mm and 100mm profiles.
Cross-mount bracket, allowing for longitudinal adjustment when installing.

Technical Details

Product Code	60260	60265
Pack Qty	1	1
Weight	1.13kg/pc	1.68kg/pc
Material	Steel S235	Steel S235
Finish	HDG	HDG
Profile type	80mm	100mm
Length wing 1	150mm	150mm
Length wing 2	75mm	100mm
Width	70mm	90mm
Material thickness	9mm	10mm
Slot size	14x40mm	14x40mm
Load Fx	5.2kN	6.0kN
Load Fz	16.0kN	20.0kN
Limited torque My	0.4kNm	0.5kNm
Angle	90°	90°



Certifications



TekSpan® Corner Plates

Product Code: 60270 / 60275

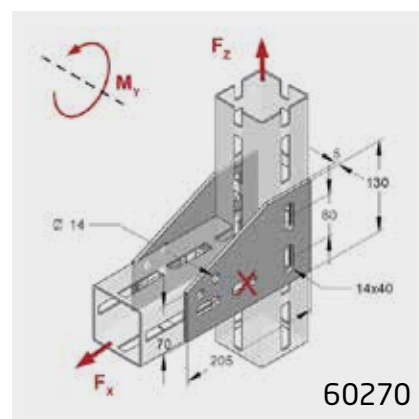
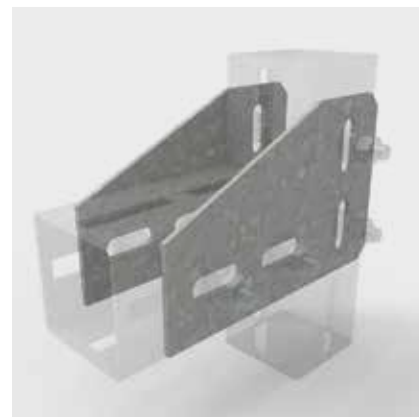
Description

TekSpan® Corner Plates for 80mm and 100mm profiles. Use in pairs.

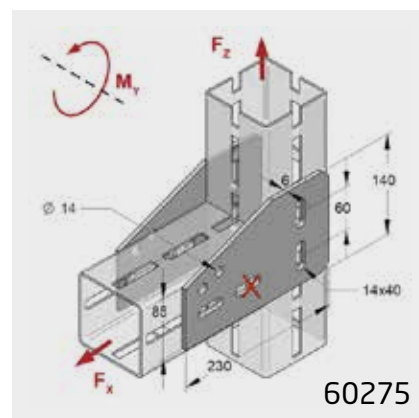
Corner plate brackets, for face-fixing of a 90° horizontal joint.

Technical Details

Product Code	60270	60275
Pack Qty	1 Pair	1 Pair
Weight	1.84kg/pr	2.76kg/pr
Material	Steel S235	Steel S235
Finish	HDG	HDG
Profile type	80mm	100mm
Width	130mm	140mm
Length	205mm	230mm
Thickness	5mm	6mm
Slot size	14x40mm	14x40mm
Load F_x	32kN	40kN
Load F_z	32kN	40kN
Limited torque M_y	0.95kNm	1.2kNm



Certifications



TekSpan® Saddle Bracket

Product Code: 60235

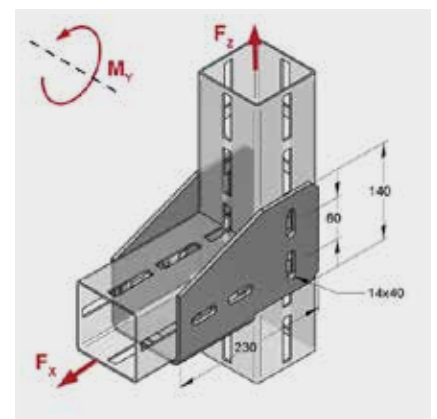
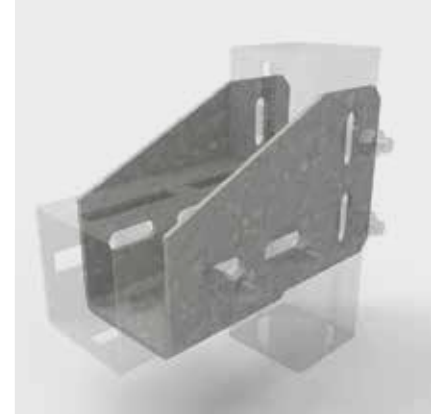
Description

TekSpan® Saddle Bracket for 100mm profiles.

Bracket for extra strength in supporting weight-loaded cross member beams.

Technical Details

Pack Qty	1
Weight	3.57kg/pc
Material	Steel S235
Finish	HDG
Profile type	100mm
Length wing 1	230mm
Length wing 2	140mm
Width	112mm
Material thickness	6mm
Slot size	14x40mm
Load Fx	40kN
Load Fz	40kN
Limited torque My	1.2kNm
Angle	90°



Certifications



TekSpan® T-Plate Brackets

Product Code: 60280 / 60285

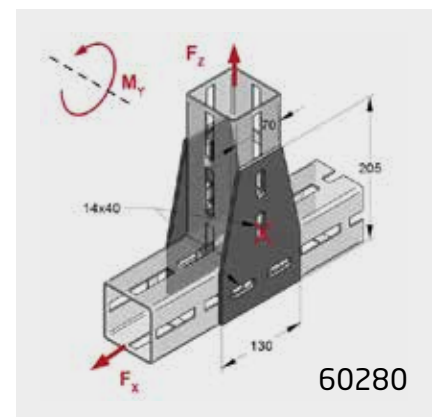
Description

TekSpan® T-Plate Brackets for 80mm and 100mm profiles. Use in pairs.

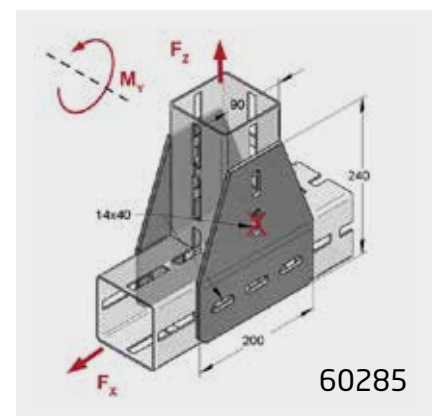
T-plate brackets, for face-fixing of a vertical joint.

Technical Details

Product Code	60280	60285
Pack Qty	1 Pair	1 Pair
Weight	1.84kg/pr	3.94kg/pr
Material	Steel S235	Steel S235
Finish	HDG	HDG
Profile type	80mm	100mm
Width	130mm	200mm
Length	205mm	240mm
Thickness	5mm	6mm
Slot size	14x40mm	14x40mm
Load F_x	32kN	40kN
Load F_z	32kN	40kN
Limited torque M_y	0.95kNm	1.2kNm



Certifications



TekSpan® Cranked T-Plate Brackets

Product Code: 60300

Description

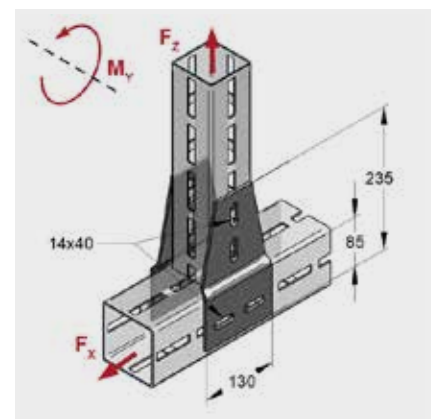
TekSpan® Cranked T-Plates for 80mm & 100mm profiles. Use in pairs.
For connecting 80mm and 100mm TekSpan frame profiles together.

Technical Details

Pack Qty	1 Pair
Weight	2.16kg/pr
Material	Steel S235
Finish	HDG
Profile type	80mm > 100mm
Width	130mm
Length	235mm
Thickness	5mm
Slot size	14x40mm
Load F_x	32kN
Load F_z	32kN
Limited torque M_y	0.95kNm



Certifications



TekSpan® Cross Plates

Product Code: 60290 / 60295

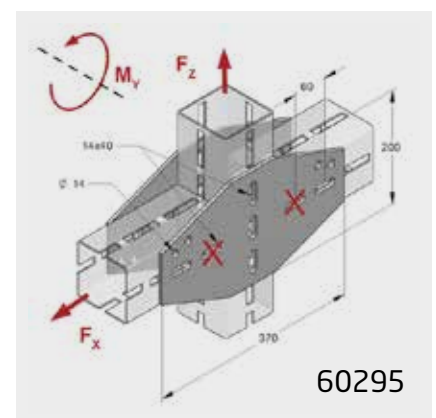
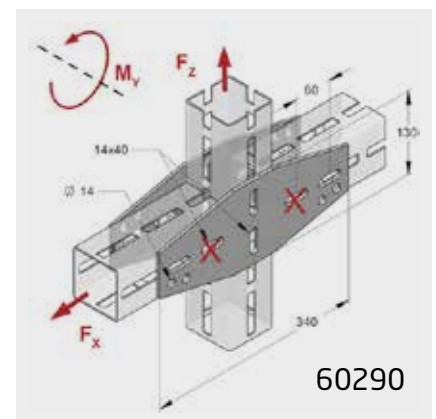
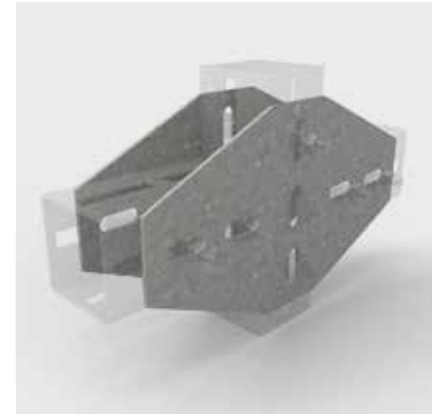
Description

TekSpan® Cross Plates for 80mm and 100mm profiles. Use in pairs.

Cross plate brackets for connecting TekSpan® frame profiles as cross-members.

Technical Details

Product Code	60290	60295
Pack Qty	1 Pair	1 Pair
Weight	2.94kg/pr	5.78kg/pr
Material	Steel S235	Steel S235
Finish	HDG	HDG
Profile type	80mm	100mm
Width	130mm	200mm
Length	340mm	370mm
Thickness	5mm	6mm
Slot size	14x40mm	14x40mm
Load F_x	32kN	40kN
Load F_z	32kN	40kN
Limited torque M_y	0.95kNm	1.2kNm



Certifications



TekSpan® Thread Connector

Product Code: 60160 / 60175

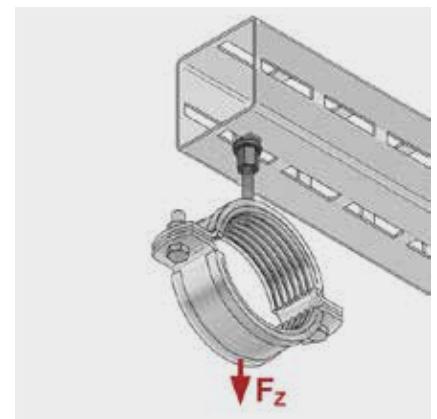
Description

Frame to threaded rod connector with female thread socket.

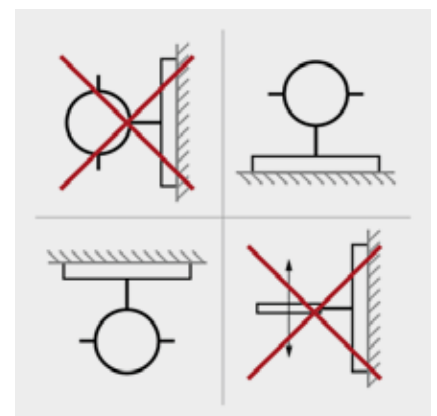
For direct fixing of M10 and M12 rods and suspension of threaded fasteners.

Technical Details

Product Code	60160	60175
Pack Qty	50	50
Weight	0.0714kg/pc	0.0694kg/pc
Material	Steel	Steel
Finish	Zinc-Nickel	Zinc-Nickel
Profile types	80mm / 100mm	80mm / 100mm
Thread	M10	M12
Wrench size	17	17
Height collar nut	25mm	25mm
Tightening torque	25Nm	25Nm
Load Fz	3kN	3kN



Certifications



TekSpan® Threaded Boss Plate

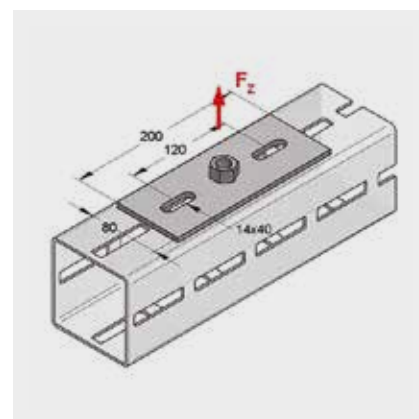
Product Code: 60165 / 60170

Description

TekSpan® Threaded Boss Plate for 80mm and 100mm profiles.
For mounting on TekSpan profile to make threaded connections.

Technical Details

Product Code	60165	60170
Pack Qty	1	1
Weight	0.76kg/pc	0.79kg/pc
Material	Steel S235	Steel S235
Finish	Zinc-Nickel	Zinc-Nickel
Profile type	80mm / 100mm	80mm / 100mm
Connection	M12	M16
Height	16mm	16mm
Length	200mm	200mm
Width	80mm	80mm
Plate Thickness	6mm	6mm
Slot size	14x40mm	14x40mm
Load Fz	5.5kN	5.5kN



Certifications



TekSpan® Heavy Duty Thread Connector

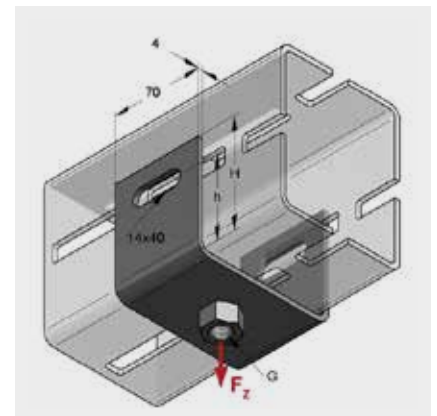
Product Code: 60180 / 60185

Description

TekSpan® Heavy Duty Thread Connector M16 for 80mm and 100mm profiles.
For mounting on TekSpan profile to make threaded connections.

Technical Details

Product Code	60180	60185
Pack Qty	1	1
Weight	0.48kg/pc	0.557kg/pc
Material	Steel S235	Steel S235
Finish	Zinc-Nickel	Zinc-Nickel
Profile type	80mm	100mm
Connection	M16	M16
Width	90mm	110mm
Height	64mm	74mm
Length	70mm	70mm
Slot size	14x40mm	14x40mm
Load Fz	5kN	5kN
Thickness	4mm	4mm



Certifications



TekSpan® Clevis Yoke

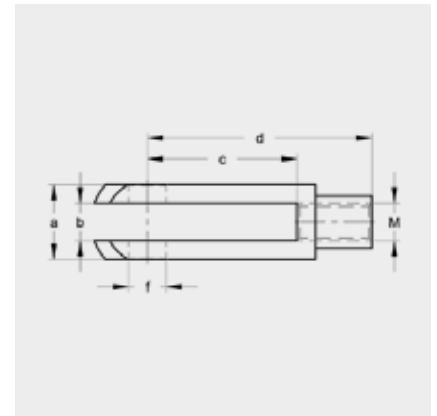
Product Code: 60405 / 60410

Description

Use with TekSpan clevis yoke connector to provide tension with M12/M16 threaded rod.

Technical Details

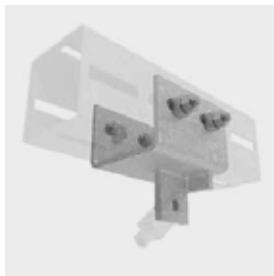
Product Code	60405	60410
Pack Qty	1	1
Weight	0.175kg/pc	0.414kg/pc
Material	Steel	Steel
Finish	Galvanised	Galvanised
Profile type	100mm	100mm
Height	24mm	32mm
Load Fz	20kN	20kN
Thread	M12	M16
Hole Ø	12mm	16mm
Edge distance hole c	48mm	64mm
Edge distance hole d	72mm	96mm
Rail slot height	12mm	16mm



Related Products



60395
Clevis Connector M12



60400
Clevis Connector M16



TekSpan® Clevis Yoke Connector

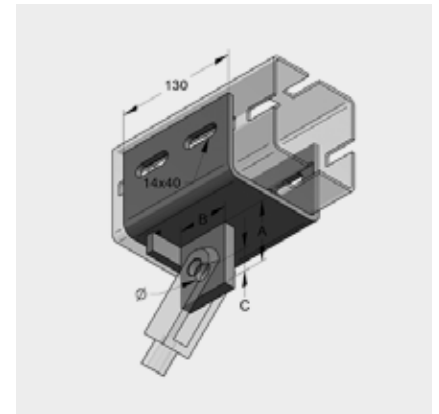
Product Code: 60395 / 60400

Description

Connect to 100mm TekSpan profile to use as a lifting point, or with the optional clevis yoke to provide tension using M12/M16 threaded rod.

Technical Details

Product Code	60395	60400
Pack Qty	1	1
Weight	2.07kg/pc	2.17kg/pc
Material	Steel S235	Steel S235
Finish	HDG	HDG
Profile type	100mm	100mm
Connection	M12	M16
Width	113mm	113mm
Height	86mm	96mm
Length	130mm	130mm
Slot size	14x40mm	14x40mm
Hole Ø	14mm	18mm
Load Fz	20kN	20kN
Thickness	6mm	6mm



Related Products



60405
Clevis M12



60410
Clevis M16

TekSpan® Beam Connector Clamp

Product Code: 60190 / 60195

Description

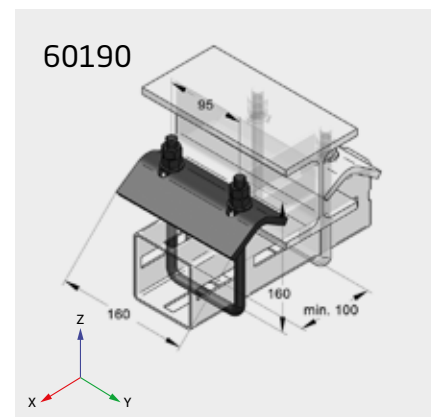
TekSpan® Beam Connector Clamp for 80mm & 100mm Profile.

Beam connector clamp, for securing TekSpan® profiles to I-beams and girders.

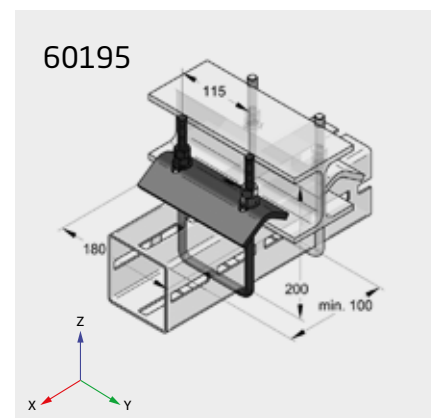
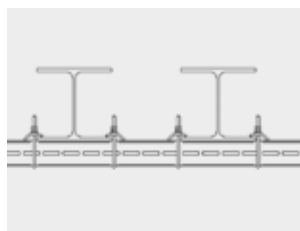
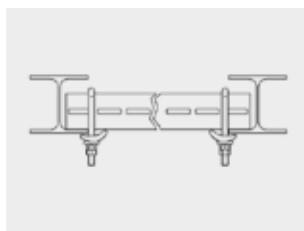
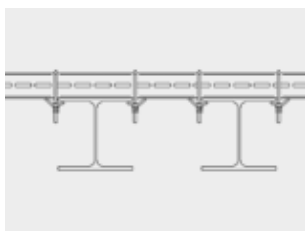
Must be installed in pairs as per examples below.

Technical Details

Product Code	60190	60195
Pack Qty	1	1
Weight	1.30kg/pc	1.49kg/pc
Material	Steel S235	Steel S235
Profile type	80mm	100mm
Load Fx	3kN	3kN
Load Fy	3kN	3kN
Load Fz	10kN	10kN
Thread	M12	M12
Max clamping thickness	25mm	25mm
Tightening torque	25Nm	25Nm



Configurations



Certifications



TekSpan® Rubber Square Foot

Product Code: 60100 / 60105

Description

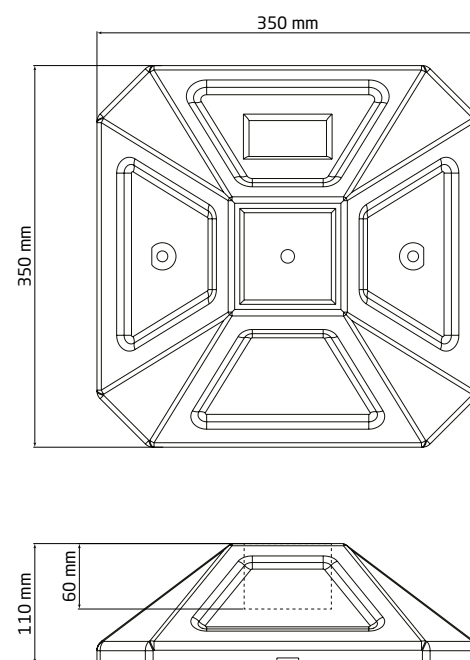
Rubber square foot for TekSpan profiles, for use in supporting frames on rooftop membranes and other sensitive surfaces. Wide loadbearing area reduces risk of point load penetration to roof membrane. Steel plate insert prevents profile cutting into rubber. Noise and vibration absorption and reduce risk of slippage between the roof membrane and foot. Pre-drilled holes for optional fixing.

Material

Recycled rubber

Specification

Product Code	60100	60105
Length	350mm	500mm
Width	350mm	500mm
Height	110mm	130mm
Profile Slot Depth	60mm	90mm
Weight	5.5kg	13.2kg
Safe Working Load	1000kg	1000kg
Pack Qty	1	1



TekSpan® Integral Baseplate Foot and Profile

Product Code: 60220 / 60225 / 60230

Description

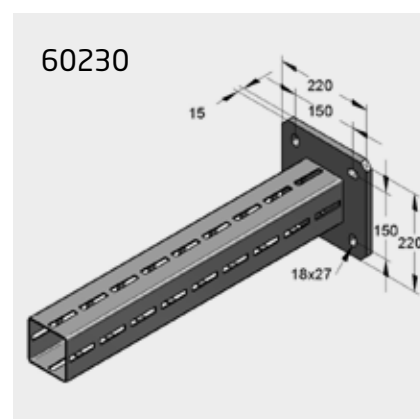
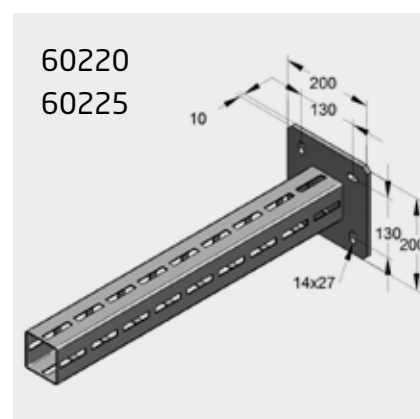
TekSpan® Integral Baseplate and Profile.

For lower height installs and wall-mounting - 80mm and 100mm profiles.

Baseplate pre-welded to profile.

Technical Details

Product Code	60220	60225	60230
Pack Qty	1	1	1
Weight	7.26kg/pc	11.23kg/pc	11.92kg/pc
Material	Steel	Steel	Steel
Finish	HDG	HDG	HDG
Profile type	80mm	80mm	100mm
Width plate	200mm	200mm	220mm
Length plate	200mm	200mm	220mm
Hole distance	130mm	130mm	150mm
Plate thickness	10mm	10mm	15mm
Profile width	80mm	80mm	100mm
Profile height	80mm	80mm	100mm
Length console	720mm	1440mm	720mm
Plate slot size	27x14mm	27x14mm	27x18mm
Load F1	8.38kN	4.19kN	16.17kN
Load F2	4.19kN	1.31kN	8.08kN
Load q0	11.64kN/m	2.42kN/m	22.45kN/m
Profile thickness	2.5mm	2.5mm	3.0mm



Certifications



TekSpan® Baseplate

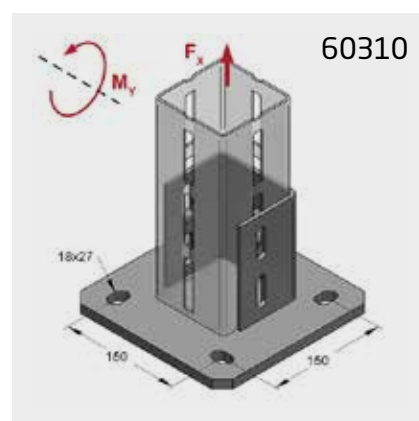
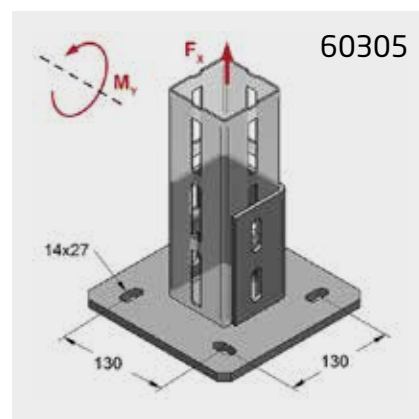
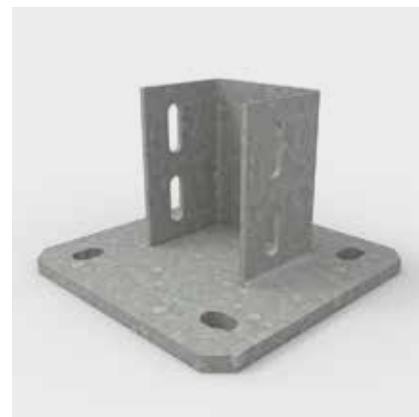
Product Code: 60305 / 60310

Description

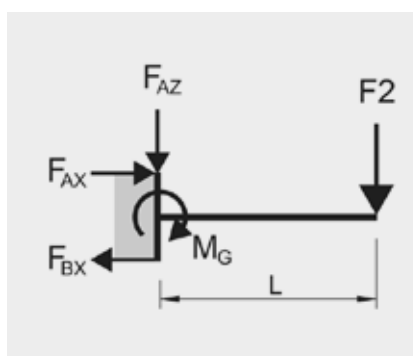
TekSpan® Baseplate for 80mm and 100mm profiles.
Bolt-down baseplate foot, for floor or wall mounting.

Technical Details

Product Code	60305	60310
Pack Qty	1	1
Weight	4.48kg/pc	6.15kg/pc
Material	Steel S235	Steel S235
Finish	HDG	HDG
Profile type	80mm	100mm
Plate length	200mm	220mm
Plate width	200mm	220mm
Plate thickness	10mm	12mm
Slot size	14x27mm	18x27mm
Load F_x	48kN	48kN
Limited torque M_y	4.2kNm	5.2kNm
Hole distance	130mm	150mm
Alignment of plate	Square	Square



Certifications



TekSpan® Holder Plate

Product Code: 60200 / 60205 / 60210

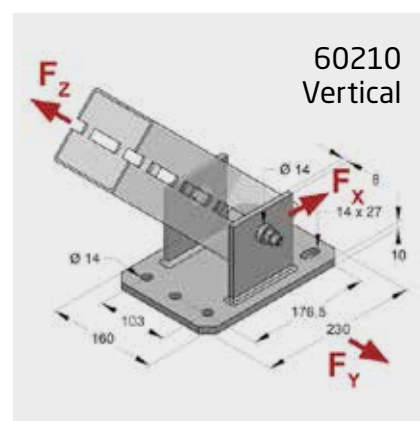
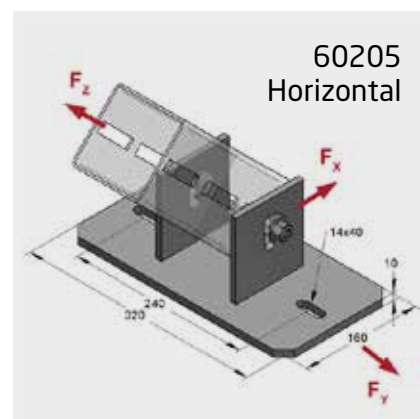
Description

TekSpan® Horizontal and Vertical Holder Plates - for 80mm and 100mm profiles.
Holder plate for mounting frames, with the facility to support angled connections.

Technical Details

Product Code	60200	60205	60210
Orientation	Vertical	Horizontal	Vertical
Pack Qty	1	1	1
Weight	4.20kg/pc	5.72kg/pc	4.89kg/pc
Material	Steel S235	Steel S235	Steel S235
Finish	HDG	HDG	HDG
Profile type	80mm	100mm	100mm
Width plate	140mm	320mm	160mm
Length plate	260mm	160mm	260mm
Overall height	120mm	120mm	120mm
Thickness	10mm	10mm	10mm
Slot size	14x40mm	14x40mm	14x40mm
Load Fx	11kN	11kN	11kN
Load Fy	11kN	11kN	11kN
Load Fz	20kN	20kN	20kN
Tightening torque	60Nm	60Nm	60Nm
Angle	90°	90°	90°

Certifications



TekSpan® Pipe Holder Set

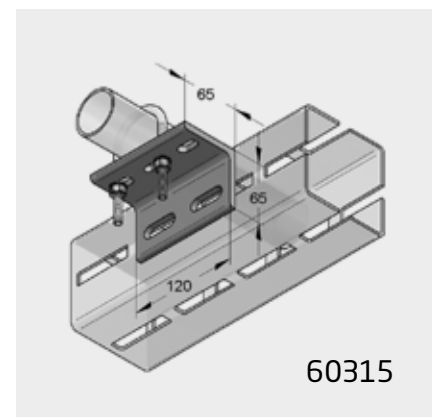
Product Code: 60315 / 60330

Description

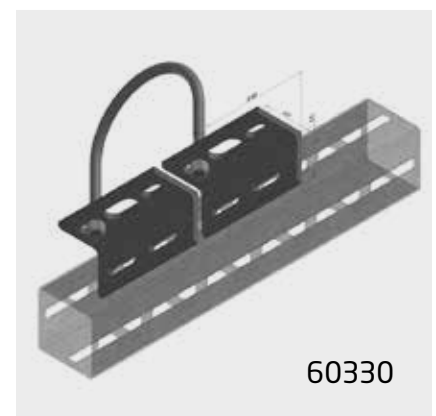
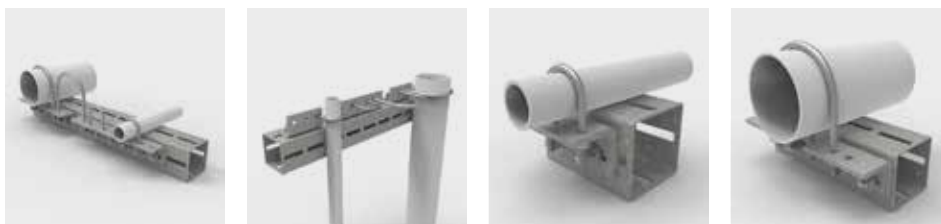
TekSpan® Pipe Holder for mounting U-bolts directly on a TekSpan® square profile. Unique design allows for fitment of U-bolts in M8/M10/M12/M16/M20 sizes.

Technical Details

Product Code	60315	60330
Pack Qty	1 Bracket	2 Brackets
Weight	0.725kg	1.360kg/set
Material	Steel S235	Steel S235
Finish	HDG	HDG
Profile type	80mm / 100mm	80mm / 100mm
Length wing 1	65mm	65mm
Length wing 2	65mm	65mm
Width	120mm	140mm
Material thickness	7mm	7mm
Slot size	14x40mm	14x40mm
Angle	90°	90°
U-bolt thread slot size	M8/M10	M12/M20



Configurations



Certifications



TekSpan® U-Bolt Bracket

Product Code: 60375

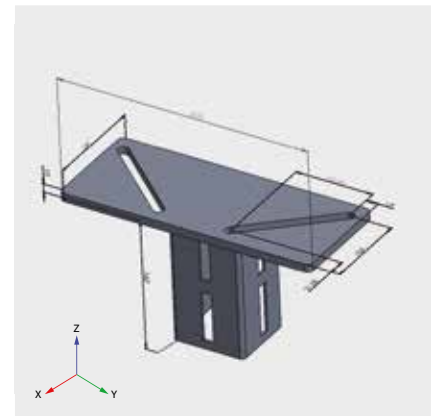
Description

TekSpan u-bolt bracket for supporting pipes on 80mm vertical profile.
For supporting any pipe sized between DN80 and DN275.

Product design registered in UK and Europe.

Technical Details

Pack Qty	1
Weight	3.525kg/pc
Material	S275 Steel
Finish	HDG
Profile type	80mm
Height	170mm
Width	310mm
Depth	125mm
Material Thickness	10mm
Fz for DN80	25.50kN
Fz for DN150	20.00 kN
Fz for DN275	7.5 kN
Safety Factor	1.5



TekSpan® Pipe Flange Bracket Pedestal

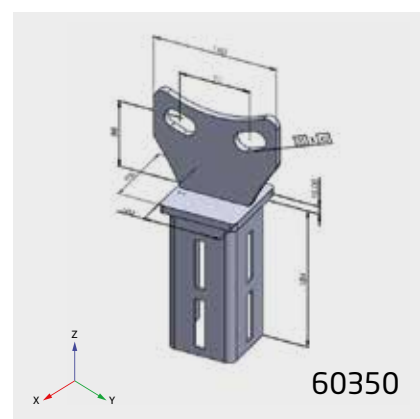
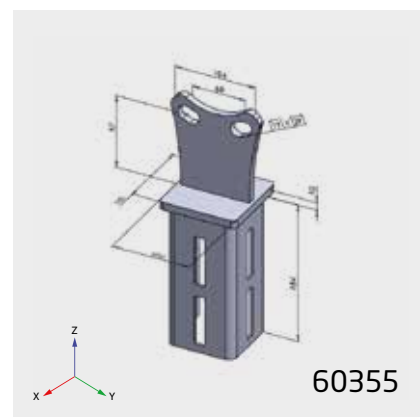
Product Code: 60355 / 60350

Description

Allows for direct connection to PN16 pipe flanges.
For supporting pipes from DN80 to DN300.

Technical Details

Product Code	60355	60350
Pack Qty	1	1
Weight	2.32kg/pc	2.68kg/pc
Material	S275 Steel	S275 Steel
Finish	HDG	HDG
Profile type	80mm	80mm
Height	305mm	295mm
Width	104mm	160mm
Depth	100mm	100mm
Material thickness	10mm	10mm
Load Fz	12.00 kN	13.30 kN
Load Fz Hanging	5.00 kN	6.60 kN
Load Fy	2.60 kN	3.00 kN
Load Fx	2.90 kN	2.30 kN
Pipe Sizes	DN80 - DN100	DN150 - DN300



TekSpan® Pipe Flange Bracket Parallel

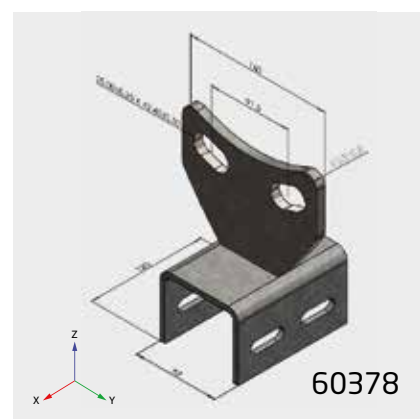
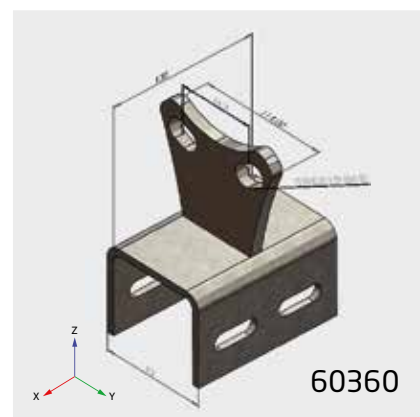
Product Code: 60360 / 60378

Description

Allows for direct connection to PN16 pipe flanges.
For supporting pipes from DN80 to DN300.

Technical Details

Product Code	60360	60378
Pack Qty	1	1
Weight	2.30kg/pc	2.35kg/pc
Material	S275 Steel	S275 Steel
Finish	HDG	HDG
Profile type	80mm	80mm
Height	169mm	200mm
Width	93mm	93mm
Depth	130mm	130mm
Material thickness	10mm	10mm
Load Fz	12.2 kN	29.3 kN
Load Fz Hanging	7.1 kN	10.3 kN
Load Fy	2.7 kN	3.9 kN
Load Fx	1.1 kN	1.3 kN
Pipe Sizes	DN80 - DN100	DN150 - DN300



TekSpan® Pipe Flange Bracket Cross Mount

Product Code: 60365 / 60370 / 60380 / 60385

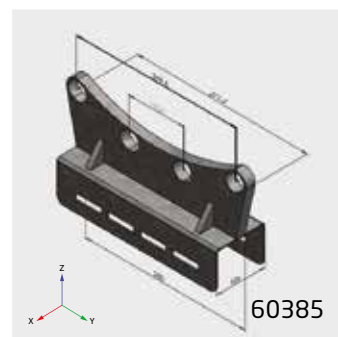
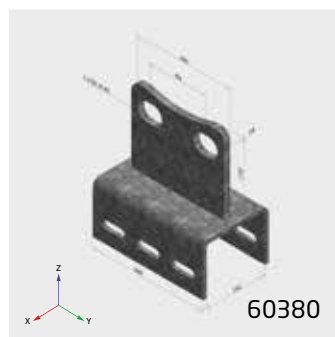
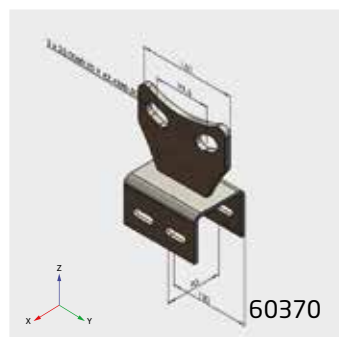
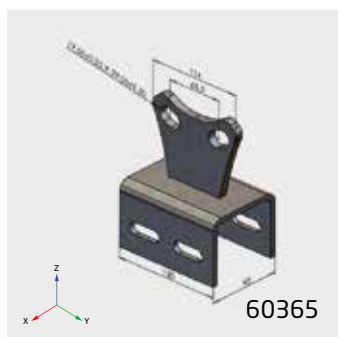
Description

Allows for direct connection to PN16 pipe flanges.
For supporting pipes from DN80 to DN600.



Technical Details

Product Code	60365	60370	60380	60385
Pack Qty	1	1	1	1
Weight	1.95kg/pc	2.40kg/pc	3.60kg/pc	7.55kg/pc
Material	S275 Steel	S275 Steel	S275 Steel	S275 Steel
Finish	HDG	HDG	HDG	HDG
Profile type	80mm	80mm	100mm	100mm
Height	169mm	200mm	216mm	212mm
Width	93mm	93mm	113mm	113mm
Length	130mm	130mm	190mm	350mm
Material thickness	10mm	10mm	10mm	20mm
Load Fz	15.3 kN	30.0 kN	42.0 kN	8.2 kN
Load Fz Hanging	7.5 kN	9.8 kN	15.0 kN	1.7 kN
Load Fy	2.4 kN	2.6 kN	6.5 kN	1.9 kN
Load Fx	1.6 kN	1.5 kN	3.0 kN	4.7 kN
Pipe Sizes	DN80 - DN100	DN150 - DN300	DN300 - DN450	DN600



TekSpan® Roller Bearing Axial Pipe Slide

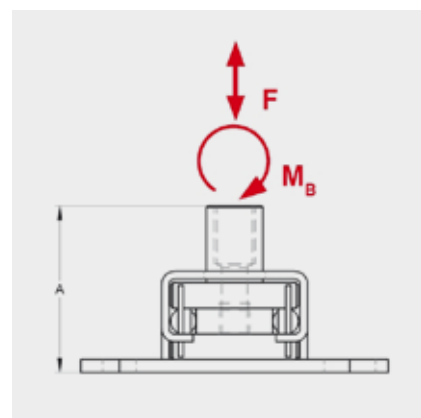
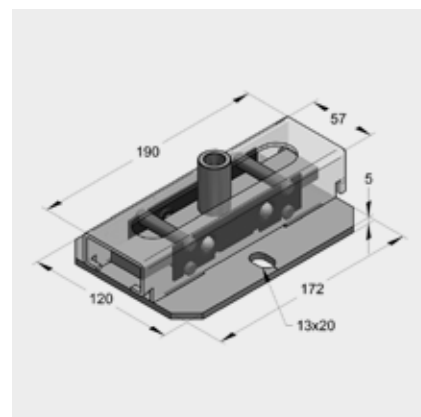
Product Code: 60345 / 60346

Description

TekSpan® Beam Roller Bearing Axial Pipe Slide - M12 and M16. Absorption of axial length expansion for standing, hanging, horizontal or vertical pipes.

Technical Details

Product Code	60345	60346
Pack Qty	1	1
Weight	1.91kg/pc	1.97kg/pc
Material	Steel S235	Steel S235
Finish	Galvanised	Galvanised
Profile type	80mm / 100mm	80mm / 100mm
Connection type	M12	M16
Width	120mm	120mm
Length	190mm	190mm
Height	65mm	65mm
Load Fz	4kN	4kN
Hole distance	100mm	100mm
Limited torque	150Nm	150Nm
Elongated hole	13x20mm	13x20mm
Max temperature resistance	300°C	300°C
Max sliding distance axial	120mm	120mm
Rolling resistance	0.004-0.02	0.004-0.02



TekSpan® Roller Bearing Duo Axial Pipe Slide

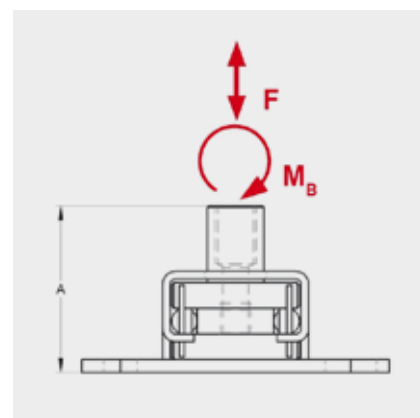
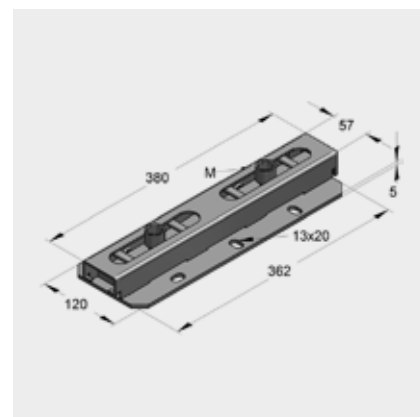
Product Code: 60347 / 60348

Description

TekSpan® Beam Roller Bearing Duo Axial Pipe Slide - M12 and M16. Absorption of axial length expansion for standing, hanging, horizontal or vertical pipes.

Technical Details

Product Code	60347	60348
Pack Qty	1	1
Weight	4.02kg/pc	4.13kg/pc
Material	Steel S235	Steel S235
Finish	Galvanised	Galvanised
Profile type	80mm / 100mm	80mm / 100mm
Connection type	2x M12	2x M16
Width	120mm	120mm
Length	380mm	380mm
Height	65mm	65mm
Load Fz	8kN	8kN
Hole distance	100mm	100mm
Limited torque	300Nm	300Nm
Max temperature resistance	300°C	300°C
Max sliding distance axial	120mm	120mm
Rolling resistance	0.004-0.02	0.004-0.02



TekSpan® Fixpoint Bracket

Product Code: 60390

Description

Height-adjustable bracket for fixing pipes using split band clamps.

To be used as a fixed point in conjunction with pipe clamp (not included).

Pack Contains

2x Angle (foot)

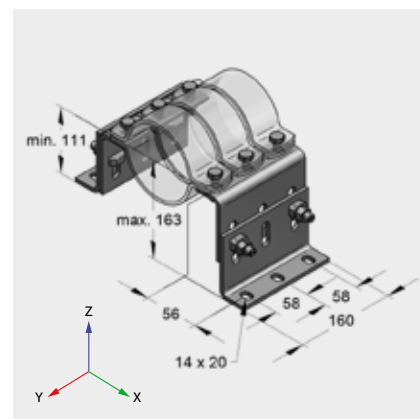
2x Angle (side)

4x T-Lock Bolts

6x Hex bolts and nuts

Technical Details

Pack Qty	1
Weight	4.74kg/pc
Material	Steel S235
Finish	HDG
Tightening torque T-Lock head	120Nm
Tightening torque pipe clamp	60Nm
Min outside pipe diameter	64mm
Max outside pipe diameter	273mm
Length	160mm
Load Fy	30kN
Load Fx	18kN
Number of pipe clamps	3
Min axis height	111mm
Max axis height	163mm
Dimension angle stilt	160x100x6mm
Dimension side part	160x100x6mm



Certifications



TekSpan® Anchor Adapter Ring

Product Code: 60340

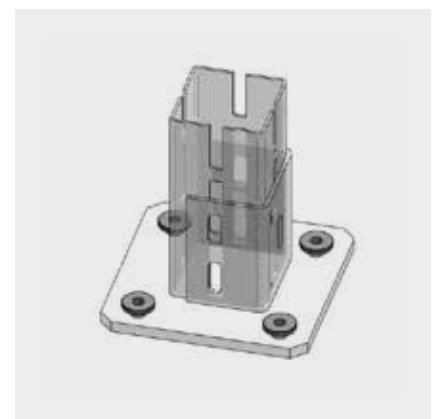
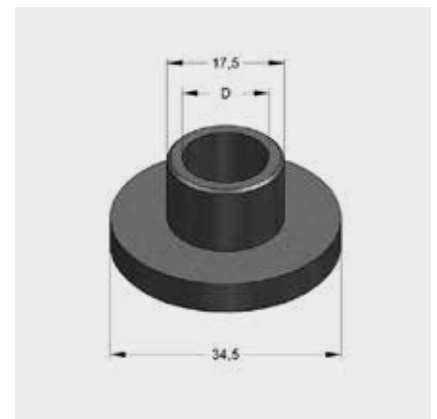
Description

Stepdown Anchor Adapter Ring M16-M12. Ring insert for baseplate feet, to enable M12 fixings to be used with 100mm base plate feet.

Technical Details

Pack Qty	50
Weight	0.0438kg/st
Material	Steel
Finish	Zinc-Nickel
Inner diameter	13mm
Outer diameter	17.5mm
Height	16.5mm
Width	34.5mm
Profile types	100mm

Certifications



TekSpan® FixBOB M12

Product Code: 60130

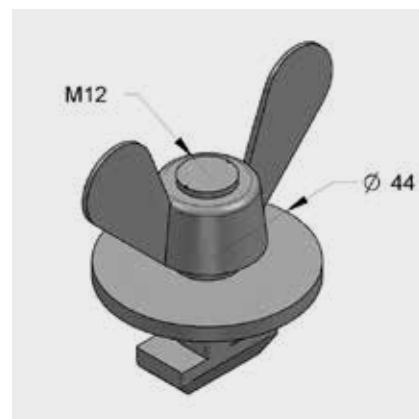
Description

Useful reusable tool for aiding slot alignment during installation.

Wing nut with TekSpan hammer head.

Technical Details

Pack Qty	10
Weight	0.139kg/pc
Material	Steel
Finish	Galvanised
Thread	M12
Diameter washer	44mm
Profile types	80mm / 100mm



Recommended Fixings

When bolting TekSpan frame baseplates to the ground or a wall, we recommend the following fixings. Please note that various critical factors should be considered, such as loadbearing (for wall-mounted fixings), type of substrate to be fixed to, and environmental conditions, i.e. suitability for corrosive or harsh climates. Please speak to a TekSpan expert if you need detailed advice.



Vinylester Chemical Anchor Resin

Suitable for indoor / outdoor use

✓ Concrete ✓ Asphalt ✓ Masonry (using mesh sleeve)



M12x160 Chemical Anchor Stud with Nut and Washer BZP

Suitable for use with 60305 baseplate and 60200 holder plate

✓ Concrete ✓ Asphalt ✓ Masonry (using mesh sleeve)



M16x190 Chemical Anchor Stud with Nut and Washer BZP

Suitable for 60310 baseplate and 60205/60210 holder plates

✓ Concrete ✓ Asphalt ✓ Masonry (using mesh sleeve)



M12x100 Throughbolt HDG

Suitable for 60305 baseplate and 60200 holder plate

✓ Concrete ✓ Asphalt (used with vinylester resin)



M16x220 Throughbolt HDG

Suitable for 60310 baseplate and 60205/60210 holder plates

✓ Concrete ✓ Asphalt (used with vinylester resin)



M12 Concrete Screwbolt

Can be used with Kora vinylester resin in asphalt - M12 x 100

✓ Concrete



M16 Concrete Screwbolt

Can be used with Kora vinylester resin in asphalt - M16 x 100

✓ Concrete

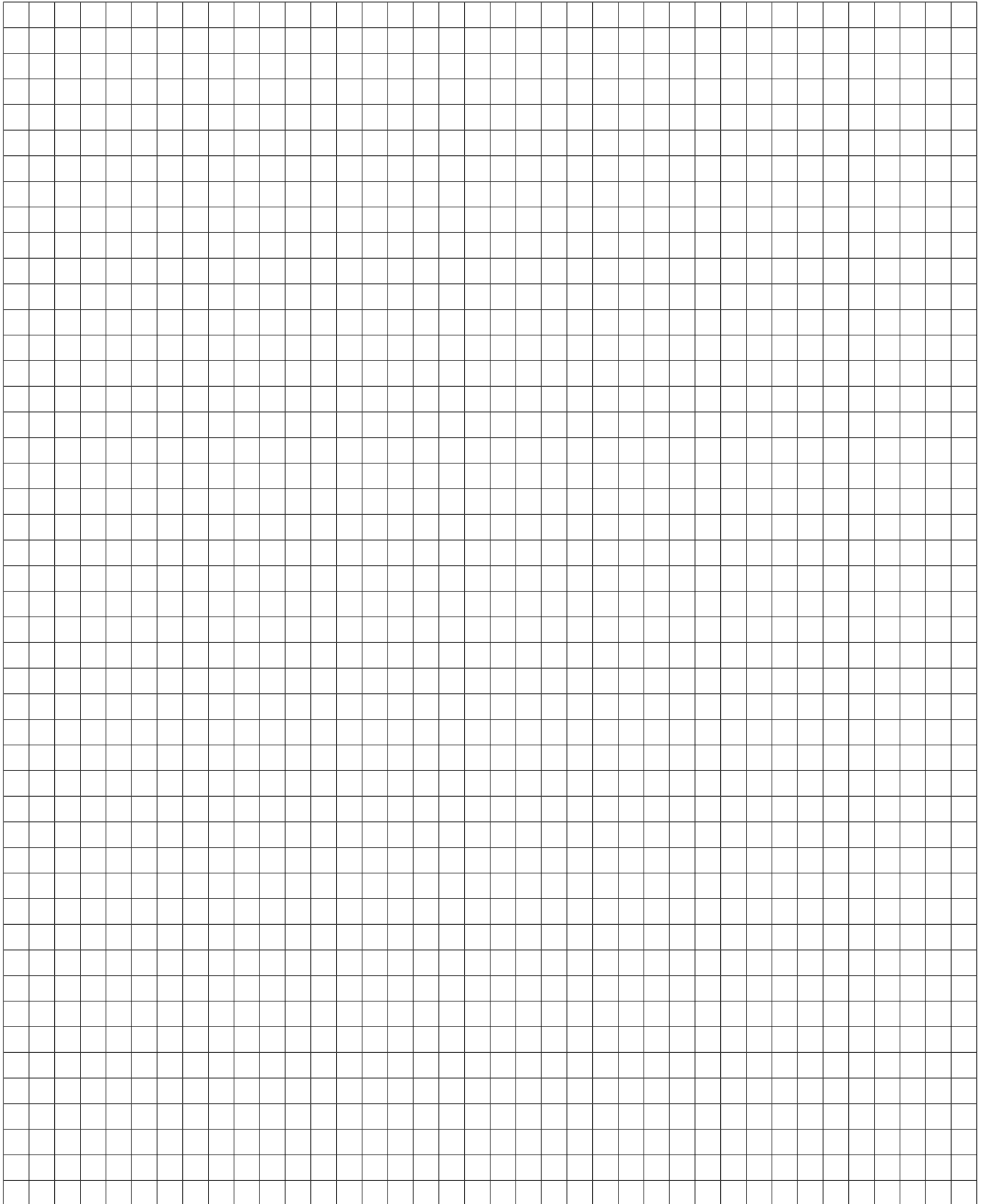


TekSpan Anchor Adaptor Ring M16-M12 Zinc-Nickel

Use with 60310 and 60205/60210 holder plates, if using M12 fixings

Code: 60340

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Industrial
Modular Steel
Frame System

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