Pipe Supports

Surefix *XL* Unlined Clip

For Steel Pipes & Insulated Pipe Supports

Construction
Mild Steel
BZP Finish

For Use With
Steel & Cast Iron Tubes
Insulated Pipe Supports

Pipe Size	Grip Range (mm)	Boss Type	Screw (mm)	Material (mm)
1/2″	19-23	M8/M10	M5 x 18	1 x 20
22mm	23-28	M8/M10	M5 x 18	1 x 20
3/4″	26-35	M8/M10	M5 x 18	1 x 20
1″	32-35	M8/M10	M5 x 18	1 x 20
1 1/4″	39-43	M8/M10	M5 x 18	1 x 20
1 1/2″	45-51	M8/M10	M5 x 18	1.2 x 20
55mm	54-58	M8/M10	M5 x 18	1.2 x 20
2″	60-65	M8/M10	M5 x 18	1.2 x 20
70mm	67-71	M8/M10	M5 x 18	1.2 x 20
2 1/2″	74-82	M8/M10	M6 x 25	1.5 x 25
85mm	82-89	M8/M10	M6 x 25	1.5 x 25
3″	91-98	M8/M10	M6 x 25	1.5 x 25
95mm	93-101	M8/M10	M6 x 25	1.5 x 25
105mm	102-109	M8/M10	M6 x 25	1.5 x 25
4″	109-117	M8/M10	M6 x 25	1.5 x 25
120mm	116-125	M8/M10	M6 x 25	1.5 x 25
125mm	129-141	M8/M10	M6 x 25	2 x 25
5″	136-146	M8/M10	M6 x 25	2 x 25
145mm	142-154	M8/M10	M6 x 25	2 x 25
6″	158-169	M8/M10	M6 x 25	2 x 25
175mm	166-177	M8/M10	M6 x 25	2 x 25

Surefix *XL* Rubber Lined Clip

For Copper, Plastic and Stainless Steel Pipes

Construction
Mild Steel
BZP Finish

For Use With
Copper & Plastic Tubes

Special Features
Rubber Lining tested to
DIN4109 for Acoustic Use

Pipe Size	Grip Range (mm)	Boss Type	Screw (mm)	Material (mm)
15cu	13-20	M8/M10	M5 x 18	1 x 20
18mm	17-23	M8/M10	M5 x 18	1 x 20
22cu	21-26	M8/M10	M5 x 18	1 x 20
28cu	26-35	M8/M10	M5 x 18	1 x 20
35cu	33-37	M8/M10	M5 x 18	1 x 20
42cu	40-46	M8/M10	M5 x 18	1.2 x 20
1 1/2″	48-53	M8/M10	M5 x 18	1.2 x 20
54cu	53-59	M8/M10	M5 x 18	1.2 x 20
2″	60-66	M8/M10	M5 x 18	1.2 x 20
67cu	67-77	M8/M10	M6 x 25	1.5 x 25
76cu	75-84	M8/M10	M6 x 25	1.5 x 25
3″	87-96	M8/M10	M6 x 25	1.5 x 25
95mm	94-104	M8/M10	M6 x 25	1.5 x 25
108cu	102-111	M8/M10	M6 x 25	1.5 x 25
4″	109-119	M8/M10	M6 x 25	1.5 x 25
120cu	122-135	M8/M10	M6 x 25	2 x 25
133cu	128-139	M8/M10	M6 x 25	2 x 25
5″	135-148	M8/M10	M6 x 25	2 x 25
159cu	151-164	M8/M10	M6 x 25	2 x 25
6″	158-170	M8/M10	M6 x 25	2 x 25

Heavy Duty Surefix *HD* Unlined Clip

For Steel Pipes & Insulated Pipe Supports

Construction
Mild Steel
BZP Finish

For Use With
Steel & Cast Iron Tubes
Insulated Pipe Supports

Heavy Duty

Pipe Size	Grip Range (mm)	Boss Type	Screw (mm)	Material (mm)
50nb / 2"	60-68	M12	M8 x 25	25 x 2
67mm	66-73	M12	M8 x 25	25 x 2
65nb / 2 1/2"	74-81	M12	M8 x 25	25 x 2
85mm	82-88	M12	M8 x 25	25 x 2
80nb / 3"	88-97	M12	M8 x 25	25 x 2
100mm	93-100	M12	M8 x 25	25 x 2
105mm	101-109	M12	M8 x 25	30 x 2.5
100nb / 4"	110-118	M12	M8 x 25	30 x 2.5
120mm	116-126	M12	M10 x 40	30 x .3
135mm	130-141	M12	M10 x 40	30 x .3
125nb / 5"	136-145	M12	M10 x 40	30 x .3
145mm	144-154	M12	M10 x 40	30 x .3
150nb / 6"	160-169	M12	M10 x 40	30 x .3
175mm	170-180	M16	M10 x 40	30 x .3
200nb / 8"	219-230	M16	M10 x 40	30 x .3
250nb / 10"	273-283	M16	M10 x 40	30 x .3

Heavy Duty Surefix *HD* Lined Clip

For Copper, Plastic and Stainless Steel Pipes

Construction
Mild Steel
BZP Finish

For Use With
Copper & Plastic Tubes

Special Features
Rubber Lining tested to
DIN4109 for Acoustic Use

Heavy Duty

Pipe Size	Grip Range (mm)	Boss Type	Screw (mm)	Material (mm)
67cu / 2"	60-69	M12	M8 x 25	25 x 2
76cu / 2 1/2"	75-81	M12	M8 x 25	25 x 2
80nb / 3"	83-91	M12	M8 x 25	25 x 2
108cu	102-112	M12	M8 x 25	30 x 2.5
125mm	122-138	M12	M10 x 40	30 x 3
155mm	153-164	M12	M10 x 40	30 x 3
200mm	196-209	M16	M10 x 40	30 x 3

Guide Clips

Construction
Mild Steel
BZP Finish

For Use With
Copper & Plastic Tubes

Special Features
Silicon Low Friction Lining

Size (mm)	Boss Size	Material Type	Temperature Limits ºC	Part Number
16	M10	20 x 1	-10 - +90	GC16
20	M10	20 x 1	-10 - +90	GC20
25	M10	20 x 1	-10 - +90	GC25
32	M10	20 x 1	-10 - +90	GC32
40	M10	20 x 1.2	-10 - +90	GC40
50	M10	20 x 1.2	-10 - +90	GC50
56	M10	20 x 1.2	-10 - +90	GC56
63	M10	25 x 1.5	-10 - +90	GC63

Construction
Mild Steel
BZP Finish
HT Sets & Nuts

For Use With
Steel Tubes
Cast Iron Tubes
Insulated Pipe Supports

Other sizes available on request

Size ID (mm)	Size NB	Hole Centres (mm)	Bolt Size (mm)	Material Width & Thickness (mm)
65		115	M10 x 40	30 x 3
76	65NB / 2 1/2"	125	M10 x 40	30 x 3
83		130	M10 x 40	30 x 3
89	80NB /3"	137	M12 x 40	30 x 3
95		143	M12 x 40	30 x 3
102		156	M12 x 40	30 x 3
108		163	M12 x 40	40 x 3
114	100 NB /4"	175	M12 x 40	40 x 3
121		187	M12 x 40	40 x 3
127		190	M12 x 40	40 x 3
133		200	M12 x 40	40 x 3
140		205	M12 x 40	40 x 3
146		210	M12 x 40	40 x 3
152		218	M12 x 40	40 x 3
159		228	M12 x 40	40 x 3
168	150 NB / 6"	236	M12 x 40	40 x 3
173		240	M16 x 50	40 x 3
178		248	M16 x 50	40 x 3
186		258	M16 x 50	40 x 5
193		265	M16 x 50	40 x 5
199		276	M16 x 50	40 x 5
208		284	M16 x 50	40 x 5
216		290	M16 x 50	40 x 5
220	200 NB / 8"	300	M16 x 50	40 x 5
225		302	M16 x 50	40 x 5
232		310	M16 x 50	40 x 5
244		313	M16 x 50	40 x 5
252		318	M16 x 50	40 x 5
259		320	M16 x 50	40 x 5
268		336	M16 x 50	40 x 5
273	250 NB / 10"	360	M16 x 50	50 x 6
283		364	M16 x 50	50 x 6
290		374	M16 x 50	50 x 6
298		383	M16 x 50	50 x 6
308		405	M16 x 50	50 x 6
323	300 NB / 12"	420	M16 x 50	50 x 6

EXCO 130 - Split Band

Nylon Coated for Copper Pipes

Construction

Mild Steel
Nylon Coated Finish
HT Sets & Nuts

For Use With

Copper Tubes
Stainless Steel Tubes

Size ID (mm)	Size NB (cu)	Hole Centres (mm)	Bolt Size (mm)	Material Width & Thickness (mm)
15	15	50	M6 x 25	25 x 3
22	22	59	M6 x 25	25 x 3
28	28	65	M6 x 25	25 x 3
35	35	72	M6 x 25	25 x 3
42	42	92	M10 x 30	30 x 3
54	54	104	M10 x 30	30 x 3
67	67	116	M10 x 30	30 x 3
76	76	126	M10 x 30	30 x 3
108	108	158	M10 x 30	30 x 3
133	133	193	M12 x 40	40 x 3
159	159	219	M12 x 40	40 x 3

EXCO 190 - Forged Eye Bolt

Construction
Mild Steel
BZP Finish

Sizes Available
M8, M10, M12, M16, M20
Length - 100mm, 150mm, 200mm

For Use With
Split Band Clips

EXCO 200 - Link Eye

Construction
Cast Malleable Iron
BZP Finish

Sizes Available
M8, M10, M12

For Use With
Split Band Clips

EXCO 203 - Bow Nut

Construction
Mild Steel
BZP Finish

Sizes Available
M10, M12, M16, M20

For Use With
Split Band Clips

EXCO 105 - Split Band

For Steel Pipes & Insulted Pipe Supports

Construction

Mild Steel
BZP Finish
HT Sets & Nuts

For Use With

Steel Tubes
Cast Iron Tubes
Insulated Pipe Supports

Size ID (mm)	Size NB	Hole Centres (mm)	Boss	Bolt Size (mm)	Material Width & Thickness (mm)
65		115	M10	M10 x 40	30 x 3
76	65NB / 2 1/2"	125	M10	M10 x 40	30 x 3
83		130	M10	M10 x 40	30 x 3
89	80NB /3"	137	M10	M12 x 40	30 x 3
95		143	M10	M12 x 40	30 x 3
102		156	M10	M12 x 40	30 x 3
108		163	M10	M12 x 40	40 x 3
114	100 NB /4"	175	M10	M12 x 40	40 x 3
121		187	M12	M12 x 40	40 x 3
127		190	M12	M12 x 40	40 x 3
133		200	M12	M12 x 40	40 x 3
140		205	M12	M12 x 40	40 x 3
146		210	M12	M12 x 40	40 x 3
152		218	M12	M12 x 40	40 x 3
159		228	M12	M12 x 40	40 x 3
168	150 NB / 6"	236	M12	M12 x 40	40 x 3
173		240	M12	M16 x 50	40 x 3
178		248	M12	M16 x 50	40 x 3
186		258	M12	M16 x 50	40 x 5
193		265	M12	M16 x 50	40 x 5
199		276	M12	M16 x 50	40 x 5
208		284	M12	M16 x 50	40 x 5
216		290	M12	M16 x 50	40 x 5
220	200 NB / 8"	300	M12	M16 x 50	40 x 5
225		302	M12	M16 x 50	40 x 5
232		310	M12	M16 x 50	40 x 5
244		313	M12	M16 x 50	40 x 5
252		318	M12	M16 x 50	40 x 5
259		320	M12	M16 x 50	40 x 5
268		336	M12	M16 x 50	40 x 5
273	250 NB / 10"	360	M12	M16 x 50	50 x 6
283		364	M16	M16 x 50	50 x 6
290		374	M16	M16 x 50	50 x 6
298		383	M16	M16 x 50	50 x 6
308		405	M16	M16 x 50	50 x 6
323	300 NB / 12"	420	M16	M16 x 50	50 x 6

EXCO 102/103 Saddle

For Steel Pipes & Insulted Pipe Supports

Construction

Mild Steel
BZP Finish

For Use With

Steel Tubes
Cast Iron Tubes
Insulated Pipe Supports

Size ID (mm)	Size NB	Hole Centres (mm)	Max Bolt Size (mm)	Material Width & Thickness (mm)
65		119	M12	30 x 3
76	65NB / 2 1/2"	144	M12	30 x 3
83		145	M12	30 x 3
89	80NB /3"	163	M12	30 x 3
95		159	M12	30 x 3
102		166	M12	30 x 3
108		180	M12	40 x 3
114	100 NB /4"	204	M12	40 x 3
121		192	M12	40 x 3
127		197	M12	40 x 3
133		204	M12	40 x 3
140		220	M12	40 x 3
146		212	M12	40 x 3
152		221	M12	40 x 3
159		228	M12	40 x 3
168	150 NB / 6"	238	M12	40 x 3
173		237	M12	40 x 3
178		247	M12	40 x 3
186		258	M12	40 x 3
193		262	M12	40 x 5
199		263	M12	40 x 5
208		268	M12	40 x 5
216		286	M12	40 x 5
220	200 NB / 8"	313	M12	40 x 5
225		297	M12	40 x 5
232		305	M12	40 x 5
244		313	M12	40 x 5

EXCO 132 Saddle Guide

Contruction
Mild Steel
Nylon Coated Finish

For Use With
Copper Tubes
Stainless Steel Tubes

Size ID (mm)	Size NB (cu)	Dim A (mm)	Bolt Size (mm)	Material Width & Thickness (mm)
17	15	53	8	25 x 3
24	22	60	8	25 x 3
30	28	71	8	25 x 3
37	35	74	8	25 x 3
44	42	94	12	30 x 3
57	54	108	12	30 x 3
70	67	120	12	30 x 3
80	76	130	12	30 x 3
114	108	162	12	30 x 3
135	133	197	14	40 x 3
165	159	223	14	40 x 3

EXCO 133 Saddle Clamp

Contruction
Mild Steel
Nylon Coated Finish

For Use With
Copper Tubes
Stainless Steel Tubes

Size ID (mm)	Size NB (cu)	Dim A (mm)	Bolt Size (mm)	Material Width & Thickness (mm)
15	15	53	8	25 x 3
22	22	60	8	25 x 3
28	28	71	8	25 x 3
35	35	74	8	25 x 3
42	42	94	12	30 x 3
54	54	108	12	30 x 3
67	67	120	12	30 x 3
76	76	130	12	30 x 3
108	108	162	12	30 x 3
133	133	197	14	40 x 3
159	159	223	14	40 x 3

Properties

- CFC/HCFC–free with zero Ozone Depletion Potential (ODP)
- High Closed Cell Content
- Thermal Conductivity of 0.021 W/m·K / 0.146 Btu·in/hr·ft2·°F (The Lowest Thermal Conductivity of any Commonly Available Insulation Material)
- Inert Bore Coated for use on all Pipes Including Copper

Kooltherm®

High-Density Rigid Phenolic Insulation 37-120 kg/m^3 (5.0-7.5 lb/ft^3)

General Physical Properties (Metric)						
Property	Test Method	Unit	Typical Value			
Nominal Density	(EN ISO 845) / (ASTM D 1622)	Kg/m3	37	60	80	120
Thermal Conductivity	(EN 12667) / (ASTM C 518)	W/m·K	0.021	0.029	0.03	0.032
Colour			Grey / Pink	Grey	Grey	Grey
Operating Temperature Limits	Upper Limit Lower Limit	ºC ºC	120 -180	120 -180	120 -180	120 -180
Minimum Compressive Strength at +23 ºC	(EN 826) / (ASTM D 1621) Parallel Perpendicular	 kPa kPa	 150 100	 320 170	 590 440	 1000 800
Minimum Tensile Strength +23 ºC	(ASTM D 1623) Parallel Perpendicular	 kPa kPa	 150 110	 300 210	 520 350	 800 600
Linear Dimensional Stability	(EN 1604) / ASTM D 2126) +93ºC for 24 Hours -30ºC for 24 Hours	 % %	 ≤1 ≤1	 ≤1 ≤1	 ≤1 ≤1	 ≤1 ≤1
Linear Expansion Coefficient	(ASTM D 696)	m/m·K	40-70 x 10-6	40-70 x 10-6		40-70 x 10-6
Friability for 10 mins	(ASTM C 421)	%	<30	<40	<10	<10

Fire Test Classification					
Fire Test	Test Method		Typical Value		
Horizontal Burning	ENISO 3582 : 2000	≤10 mm / 0.4 in	≤10 mm / 0.4 in	≤10 mm / 0.4 in	≤10 mm / 0.4 in
Oxygen Index	ENISO 4589-2 : 1996	≥50%	≥50%	≥50%	≥50%
Temperature Index EN ISO 4589-3 : 1996		>390 ºC / 734 ºC	>390 ºC / 734 ºC	>390 ºC / 734 ºC	>390 ºC / 734 ºC
Simple Index	NES 711	-	-	-	≤1.60
Toxicity Index	NES 713	-	-	-	≤2.70

Fire Test Specifications					
Fire Test	Test Method		Specification		
Fire Propagation	BS 476-6: 1989	Index of Performance (I) not exceeding 12 and sub index (i1) not exceeding 6*			
Surface Spread of Flame	BS 476-7: 1997	Class 1*	Class 1*	Class 1*	Class 1*
Epiradiateur	NF P92-501	M1	M1	M1	M1
Vertical Burning	DIN 4102-1: 1998	B2	B2	B2	B2

These test results combined enable a Class 0 classification to the Building Regulations in England & Wales. Northern Ireland and the Republic of Ireland, and a Low Risk classification to the Building Standars in Scotland. These tests were conducted on samples of 25mm/1" thickness faced with a reinforced aluminium foil vapour barrier jacket.

Hard Wood Block Insulation

Material
Hardwood - Kiln Dried

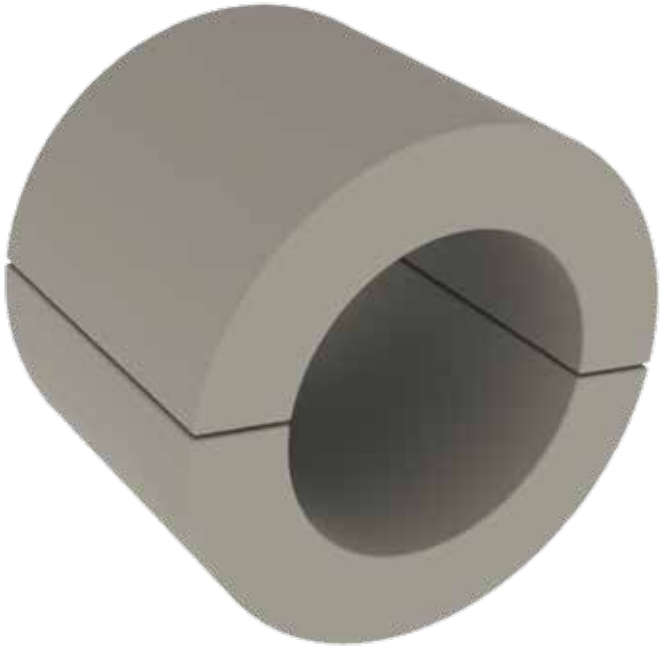
Length
100mm (Tolerance of -1.5mm Maximum)

Thickness
15, 20, 25, 30, 40, 50, 63, 75 (Other Thicknesses available upon request)
Tolerance on thickness not exceeding +/-1.5mm

Bore Sizes

Steel -	15nb, 20nb, 25nb, 32nb, 40nb, 50nb, 65nb, 80nb, 100nb, 125nb, 150nb, 200nb, 250nb, 300nb
Copper -	15cu, 22cu, 28cu, 35cu, 42cu, 54cu, 67cu, 76cu,108cu, 133cu, 159cu.
Plastic -	Available upon request.

Calcium Silicate Insulation



Description
A tough and durable calcium silicate insulation offering exceptional thermal efficiency on hot process applications. Non combusible, it is an inert material, containing no asbestos.

Appearance
White/off white rigid insulation.

Product Application
Calcium Silicate is an ideal insulation material for high temperature pipes. Used throughout the Petrochemical, Power Generation, Furnace and primary aluminium sectors, Calcium Silicate combines excellent thermal efficiency with high compressive strength, able to withstand foot traffic.

Typical Product Performance		
	Insulite 650	Insulite 1050
Maximum Service Temp:	650°C	1050°C
Age Density:	220kg/m^3	265kg/m^3
Compressive Strength:	0.8 Mpa	1.8Mpa
Combustibility:	Non-comb	Non-comb
Linear Shrinkage:	<2%	1.4%
Flexural Strength:	0.4 Mpa	0.8 Mpa
Thermal Conductivity @ 200°C	0.06W/mK	0.07W/mK

Construction

Mild Steel
BZP Finish

For Use With

Steel Tubes
Cast Iron Tubes
Insulated Pipe Supports

Size ID (mm)	Rod Dia (mm)
46	M10
51	M10
56	M10
62	M10
67	M10
72	M10
78	M10
85	M10
91	M10
97	M10
104	M10
110	M10
116	M10
123	M10
129	M10
135	M12
141	M12
146	M12
150	M12
154	M12
161	M12
166	M12
170	M12
175	M12
180	M12
185	M12
191	M12
195	M12
201	M12
208	M12
212	M12
216	M12
222	M12
228	M12
234	M12
240	M12
246	M12
254	M16
260	M16
264	M16
268	M16
275	M16
285	M16
292	M16
301	M16
310	M16

Size NB (mm)	Rod Dia (mm)
15	M6
20	M6
25	M6
32	M10
40	M10
50	M10
65	M10
80	M12
100	M12
125	M12
150	M12
200	M16
250	M16
300	M16

EXCO 134 S/E 'U' Bolt
For Copper Pipes

Construction
Mild Steel
Nylon Coated Finish

For Use With
Copper Tubes
Stainless Steel Tubes

Size ID (mm)	Size NB (cu)	Rod Ø	Leg Centres	Thread Length Standard	Thread Length Extended
15	15	M6	22	30	75
22	22	M6	29	30	75
28	28	M6	35	30	75
35	35	M6	42	30	85
42	42	M8	52	40	85
54	54	M8	64	40	85
67	67	M8	76	40	85
76	76	M10	88	40	85
108	108	M10	120	40	85
133	133	M10	145	40	85
159	159	M12	173	40	85

Expansion Priducts
DSTMS1 & 2 Modular Slide Guide

MS1 Slimline

MS2 Standard

Construction
Mild Steel
BZP Finish

For Use With
Unlined & Rubber Lined Brackets to Create a Guided System

Type	Internal Thread	Max Travel	SWL
MS1	M10	50mm	0.25kN
MS2	M8/M10	50mm	0.25kN

DST BH - Ball Hanger

Size	Movement	SWL
M8	+/-5º	0.15kN
M10	+/-5º	0.20kN
M12	+/-5º	0.25kN

Construction
Mild Steel BZP Finish

For Use With
Unlined & Lined Clip Range & Hanging brackets to reduce drop rod lateral loads

Construction
Mild Steel BZP Finish
Low Friction Slide Insert

For Use With
Unlined &Rubber Lined Clips
Surefix HD on Larger Sizes

Special Features
Dual & Triple Bossed
Lockable for transport

Type	Internal Thread	External Thread	Max Travel	SWL
LF1	M8/M10	N/A	65mm	0.5kN
LF2-1	M10	M16	90mm	2.0kN
LF2-2	M10	M16	120mm	2.0kN
LF3-1	M12/M16	1/2"	120mm	6.0kN
LF3-2	M12/M16	1/2"	135mm	6.0kN

				LF1		LF2-*		LF3-*	
						LF2-1	LF2-2	LF3-1	LF3-2
									
Steel NB	NB	Steel OD	CU OD	LF1-***UL	LF1-***RL	LF2-*-***UL	LF2-*-RL	LF3-*-UL	LF3-*-RL
			15		LF1-015RL		LF2-*-015RL		LF3-*-015RL
		18		LF1-018UL	LF1-018RL	LF2-*-018UL	LF2-*-018RL	LF3-*-018UL	LF3-*-018RL
1/2"	15	21	22	LF1-021UL	LF1-022RL	LF2-*-021UL	LF2-*-022RL	LF3-*-021UL	LF3-*-022RL
3/4"	20	27	28	LF1-027UL	LF1-028RL	LF2-*-027UL	LF2-*-028RL	LF3-*-027UL	LF3-*-028RL
1"	25	34	35	LF1-034UL	LF1-035RL	LF2-*-034UL	LF2-*-035RL	LF3-*-034UL	LF3-*-035RL
1 1/4"	32	42	42	LF1-042UL	LF1-042RL	LF2-*-042UL	LF2-*-042RL	LF3-*-042UL	LF3-*-042RL
1 1/2"	40	48		LF1-048UL	LF1-048RL	LF2-*-048UL	LF2-*-048RL	LF3-*-048UL	LF3-*-048RL
			54		LF1-054RL		LF2-*-054RL		LF3-*-054RL
2"	50	60		LF1-060UL	LF1-060RL	LF2-*-060UL	LF2-*-060RL	LF3-*-060UL	LF3-*-060RL
			67				LF2-*-067RL		LF3-*-067RL
2 1/2"	65	76	76			LF2-*-076UL	LF2-*-076RL	LF3-*-076UL	LF3-*-076RL
3"	80	89				LF2-*-089UL	LF2-*-089RL	LF3-*-089UL	LF3-*-089RL
			108				LF2-*-108RL		LF3-*-108RL
4"	100	114				LF2-*-114UL	LF2-*-114RL	LF3-*-114UL	LF3-*-114RL
HEAVY DUTY									
								LF3-*-***HDUL	LF3-*-***HDRL
			133						LF3-*-133HDRL
5"	125	140						LF3-*-140HDUL	LF3-*-140HDRL
			159						LF3-*-159HDRL
6"	150	168						LF3-*-168HDUL	LF3-*-168HDRL
8"	200	220						LF3-*-220HDUL	LF3-*-220HDRL
10"	250	273						LF3-*-273HDUL	LF3-*-273HDRL
MAXIMUM TRAVEL				60mm		LF2-1 90mm	LF2-2 120mm	LF3-1 120mm	LF3-2 135mm

EXCO AAB - Adjustable Anchor Bracket

For Steel, Copper & Stainless Steel Pipes

The EXCO AAB Adjustable Anchor Bracket banks either 2 or 3 Split split bands on a set of steel cleat which can be adjusted for height and fall.

As a standard upto 54mm od bands will be powder coated, with larger sizes BZP for steel pipes or powder coated for copper & stainless steel.

Other band combinations are available upon request including brass, stainless steel & thicker profile steel bands.

Construction
Mild Steel BZP Finish
High Tensile BZP Set Screws

For Use With
Copper, Steel & Stainless Steel pipes

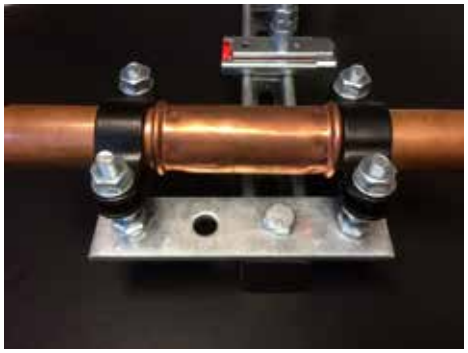
Special Features
Adjustable Height & Angle to facilitate fall in pipework.

Pipe Size	Band Material	No Of Bands	Finish	SWL (kN)	Part Code
15	25 x 3	2	Black Powder Coat	2.0	AAB(2)015
22	25 x 3	2	Black Powder Coat	2.0	AAB(2)022
28	25 x 3	2	Black Powder Coat	2.0	AAB(2)028
35	25 x 3	2	Black Powder Coat	2.0	AAB(2)035
42	30 x 3	2	Black Powder Coat	2.0	AAB(2)042
54	30 x 3	2	Black Powder Coat	2.0	AAB(2)054
15	25 x 3	2	Black Powder Coat	2.0	AAB(2)022
20	25 x 3	2	Black Powder Coat	2.0	AAB(2)028
25	25 x 3	2	Black Powder Coat	2.0	AAB(2)035
32	25 x 3	2	Black Powder Coat	2.0	AAB(2)042
40	30 x 3	2	Black Powder Coat	2.0	AAB(2)040
50	30 x 3	2	BZP	2.0	AAB(2)050
15	25 x 3	3	Black Powder Coat	3.0	AAB(3)015
22	25 x 3	3	Black Powder Coat	3.0	AAB(3)022
28	25 x 3	3	Black Powder Coat	3.0	AAB(3)028
35	25 x 3	3	Black Powder Coat	3.0	AAB(3)035
42	30 x 3	3	Black Powder Coat	6.5	AAB(3)042
54	30 x 3	3	Black Powder Coat	6.5	AAB(3)054
67	30 x 3	3	Black Powder Coat	6.5	AAB(3)067
76	30 x 3	3	Black Powder Coat	6.5	AAB(3)076
108	40 x 3	3	Black Powder Coat	8.0	AAB(3)108
133	40 x 3	3	Black Powder Coat	8.0	AAB(3)133
159	40 x 3	3	Black Powder Coat	8.0	AAB(3)159
15	25 x 3	3	Black Powder Coat	3.0	AAB(3)022
20	25 x 3	3	Black Powder Coat	3.0	AAB(3)028
25	25 x 3	3	Black Powder Coat	3.0	AAB(3)035
32	25 x 3	3	Black Powder Coat	3.0	AAB(3)042
40	30 x 3	3	Black Powder Coat	6.5	AAB(3)040
50	30 x 3	3	BZP	6.5	AAB(3)050
65	30 x 3	3	BZP	6.5	AAB(3)065
80	30 x 3	3	BZP	6.5	AAB(3)080
100	40 x 3	3	BZP	8.0	AAB(3)100
125	40 x 3	3	BZP	8.0	AAB(3)125
150	40 x 3	3	BZP	8.0	AAB(3)150

Construction
Mild Steel BZP or Powder Finish
High Tensile BZP Set Screws

For Use With
Copper, Steel & Stainless Steel pipes

Special Features
Fabricated on Site using EXCO100 or EXCO130 Split Bands



The Slip Anchor and Band Anchor are an effective way of installing anchors on site with relatively low costs.

The idea is to use multiple split bands to ensure a firm mechanical grip on the pipework. In the case of the Slip Anchor, a band is placed on either side of a slip coupling to add a failsafe mechanism. The coupling could be any type of slip coupling, but not a pipe connector unless its a welded flange.

Pipe Size	Band Material	No Of Bands	Finish	Anchor Type
15	25 x 3	2	Black Powder Coat	Slip
22	25 x 3	2	Black Powder Coat	Slip
28	25 x 3	2	Black Powder Coat	Slip
35	25 x 3	2	Black Powder Coat	Slip
42	30 x 3	2	Black Powder Coat	Slip
54	30 x 3	2	Black Powder Coat	Slip
67	30 x 3	2	Black Powder Coat	Slip
76	30 x 3	2	Black Powder Coat	Slip
108	40 x 3	2	Black Powder Coat	Slip
15	25 x 3	2	Black Powder Coat	Slip
20	25 x 3	2	Black Powder Coat	Slip
25	25 x 3	2	Black Powder Coat	Slip
32	25 x 3	2	Black Powder Coat	Slip
40	30 x 3	2	Black Powder Coat	Slip
50	30 x 3	2	BZP	Slip
65	30 x 3	2	BZP	Slip
80	30 x 3	2	BZP	Slip
100	40 x 3	2	BZP	Slip

Pipe Size	Band Material	No Of Bands	Finish	Anchor Type
15	25 x 3	2	Black Powder Coat	Band
22	25 x 3	2	Black Powder Coat	Band
28	25 x 3	2	Black Powder Coat	Band
35	25 x 3	2	Black Powder Coat	Band
42	30 x 3	2	Black Powder Coat	Band
54	30 x 3	3	Black Powder Coat	Band
67	30 x 3	3	Black Powder Coat	Band
76	30 x 3	3	Black Powder Coat	Band
108	40 x 3	3	Black Powder Coat	Band
15	25 x 3	2	Black Powder Coat	Band
20	25 x 3	2	Black Powder Coat	Band
25	25 x 3	2	Black Powder Coat	Band
32	25 x 3	2	Black Powder Coat	Band
40	30 x 3	2	Black Powder Coat	Band
50	30 x 3	3	BZP	Band
65	30 x 3	3	BZP	Band
80	30 x 3	3	BZP	Band
100	40 x 3	3	BZP	Band

EXCO 114 Roller & Chair Guide Assembly

Construction
Mild Steel
BZP Finish
HT Sets & Nuts

For Use With
Steel Tubes
Cast Iron Tubes
Insulated Pipe Supports

Nominal Imperial	Pipe Size Metric (NB)	C/L of Pipe	Lug Centres	Material A (mm)	Material B (mm)	Bolt Size
1/2″	15	41	95	30 x 3	30 x 5	M10 x 30
3/4″	20	44	95	30 x 3	30 x 5	M10 x 30
1″	25	47	95	30 x 3	30 x 5	M10 x 30
1 1/4″	32	55	105	30 x 3	30 x 5	M10 x 30
1 1/2″	40	58	105	30 x 3	30 x 5	M10 x 30
2″	50	72	116	30 x 3	30 x 5	M10 x 30
2 1/2″	65	80	140	30 x 3	30 x 5	M10 x 30
3″	80	87	180	40 x 3	40 x 5	M12 x 40
4″	100	99	180	40 x 3	40 x 5	M12 x 40
5″	125	130	230	50 x 3	50 x 6	M16 x 50
6″	150	144	230	50 x 3	50 x 6	M16 x 50
8″	200	200	380	50 x 6	50 x 8	M16 x 50
10″	250	250	430	50 x 6	50 x 10	M20 x 70
12″	300	289	490	50 x 6	50 x 10	M20 x 70

Construction

Mild Steel
BZP Finish
HT Sets & Nuts

For Use With

Steel Tubes
Cast Iron Tubes
Insulated Pipe Supports

Nominal Imperial	Pipe Size Metric (NB)	C/L of Pipe	Width	Hole Centres	Material (mm)	Fixing Holes
1/2"	15	49	60	12 x 25 Slot	30 x 5	12
3/4"	20	52	60	12 x 25 Slot	30 x 5	12
1"	25	55	60	12 x 25 Slot	30 x 5	12
1 1/4"	32	59	60	12 x 25 Slot	30 x 5	12
1 1/2"	40	62	60	12 x 25 Slot	30 x 5	12
2"	50	68	60	12 x 25 Slot	30 x 5	12
2 1/2"	65	76	80	12 x 25 Slot	30 x 5	12
3"	80	111	112	50	40 x 5	12
4"	100	123	112	50	40 x 5	12
5"	125	150	170	70	50 x 6	14
6"	150	164	170	70	50 x 6	14
8"	200	200	256	115	50 x 8	19
10"	250	245	312	127	50 x 10	19
12"	300	300	362	152	50 x 10	19

EXCO 115 Hanging Roller

Construction
Mild Steel
BZP Finish
HT Sets & Nuts

For Use With
Steel Tubes
Cast Iron Tubes
Insulated Pipe Supports

Nominal Imperial	Pipe Size Metric (NB)	Height	Width (mm)	Hole Ø	Material (mm)
1/2"	15	80	50	12	30 x 3
3/4"	20	80	50	12	30 x 3
1"	25	80	50	12	30 x 3
1 1/4"	32	97	65	12	30 x 3
1 1/2"	40	97	65	12	30 x 3
2"	50	118	70	12	30 x 3
2 1/2"	65	136	92	12	30 x 3
3"	80	190	130	14	40 x 3
4"	100	190	130	14	40 x 3
5"	125	250	180	19	50 x 6
6"	150	250	180	19	50 x 6
8"	200	300	240	23	60 x 8
10"	250	355	292	23	60 x 8
12"	300	410	342	23	60 x 8

Construction

Cold Rolled Mild Steel
Pre-Galv Finish

For Use With

Steel Tubes

Nominal Imperial	OD (mm)	Height	Width (mm)	Hole Ø	Material (mm)
1/2″	28	51.5	36.5	10.5	25 x 1
3/4″	30	53.5	37.5	10.5	25 x 1
1″	36	65.5	46.5	10.5	25 x 1
1 1/4″	46	79.9	55.7	10.5	25 x 1.2
1 1/2″	52	85.9	58.7	10.5	25 x 1.2
2″	66	99.9	65.7	10.5	25 x 1.2
2 1/2″	78	116	75.5	10.5	25 x 1.2
3″	92	132	84.5	10.5	25 x 1.2
4″	116	167.5	107.5	10.5	25 x 2
5″	142	200	126.5	13	25 x 2.5
6″	170	238	150.5	13	25 x 2.5
8″	222	311.5	197.5	17	30 x 3
10″	275	384.5	244	17	30 x 3
12″	324	470	310	17	30 x 3

EXCO 240 G/M/B - Munsen Rings

240G = Galvanised

240M = Malleable Iron

240B = Cast Brass

EXCO 241 G/M/B - School Board Clips

241G = Galvanised

241M = Malleable Iron

241B = Cast Brass

EXCO 242 G/M/B - Backplates

242G = Galvanised

242M = Malleable Iron

242B M10 Male & Female Threads

High Tensile Nut

Construction
Steel Grade 8.8 DIN934.
Cold Formed.
BZP Finish

Sizes Available
M4, M5, M6, M8, M10,
M12, M16, M20, M24

Wedge Nut

Construction
Mild Steel
BZP Finish

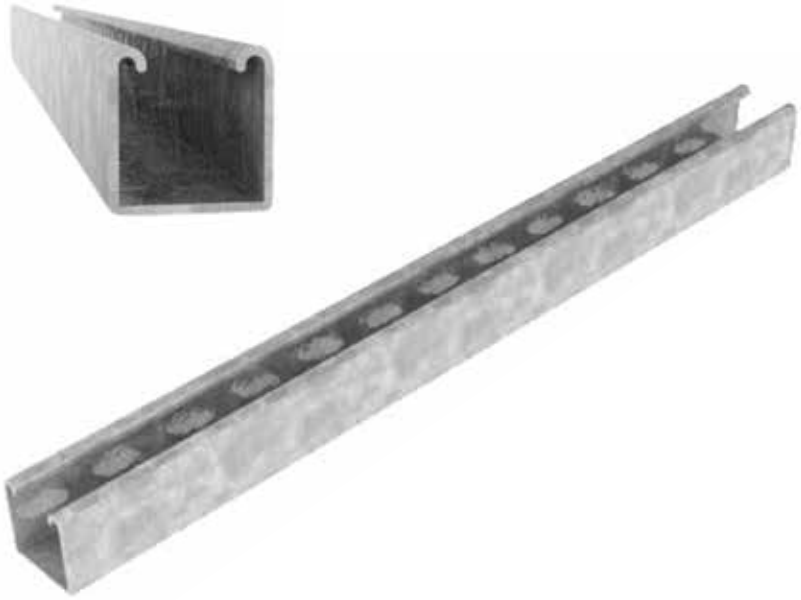
Sizes Available
M6, M8, M10 & M12

Flange Clamp

Construction
Mild Steel
BZP Finish

Sizes Available
M8, M10 & M12

EXCO Strut System



Construction

Cold Rolled Mild Steel

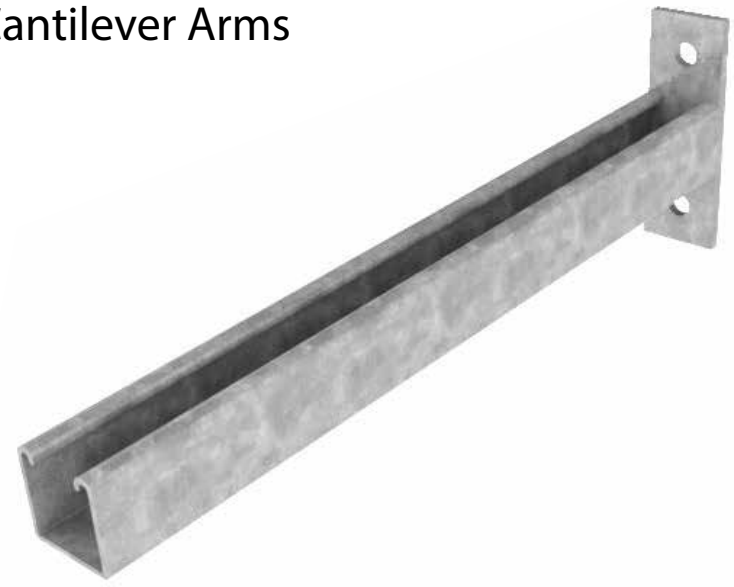
Pre-Galv Finish

Manufactured to BS 6946

We also Offer a Cutting Service

Length (m)	Description	Weight (Kg)
3	41 x 41 Deep Plain	7.83
6	41 x 41 Deep Plain	15.66
3	41 x 41 Deep Slotted	7.47
6	41 x 41 Deep Slotted	14.94
3	41 x 21 Shallow Plain	5.52
6	41 x 21 Shallow Plain	11.04
3	41 x 21 Shallow Slotted	5.16
6	41 x 41 Shallow Slotted	10.32
3	41 x 41 Deep Back to Back	15.66
6	41 x 41 Deep Back to Back	31.32
3	41 x 21 Shallow Back to Back	11.01
6	41 x 21 Shallow Back to Back	22.02

Cantilever Arms



Construction

Cold Rolled Mild Steel
Pre-Galv Finish
Manufactured to BS 6946

Lengths

150mm, 300mm, 450mm,
600mm, 750mm

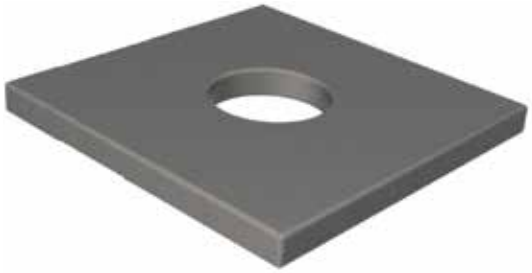
Square Plate Washers

Construction

5mm Mild Steel BZP Finish

Sizes Available

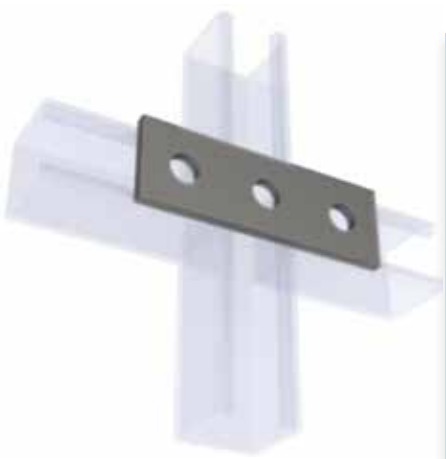
M6, M8, M10, M12



Channel Nuts

Size	Type	Thickness (mm)	Spring Length (mm)
M6	No Spring	5	n/a
M8	No Spring	5	n/a
M10	No Spring	8	n/a
M12	No Spring	8	n/a
M6	Short Spring	5	10
M8	Short Spring	5	10
M10	Short Spring	8	10
M12	Short Spring	8	10
M6	Long Spring	8	35
M8	Long Spring	5	35
M10	Long Spring	8	35
M12	Long Spring	8	35

EXCO02



EXCO03

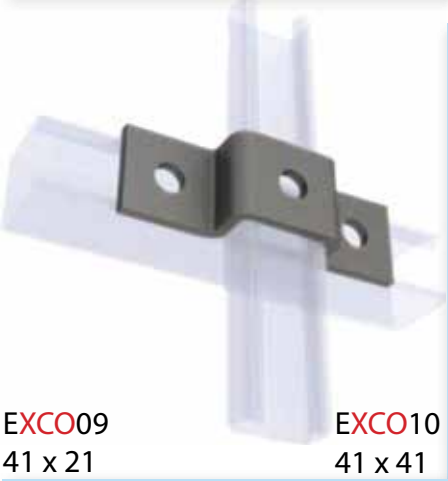
EXCO04

EXCO05

EXCO06

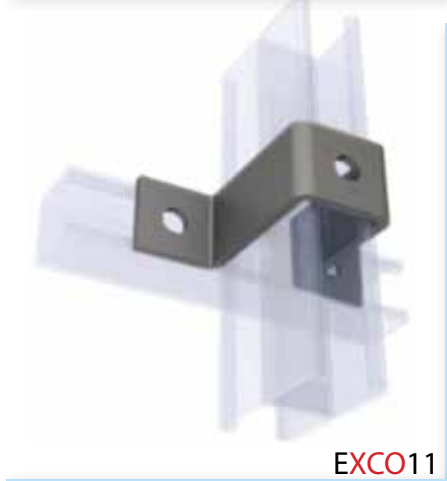
EXCO07

EXCO08



EXCO09
41 x 21

EXCO10
41 x 41

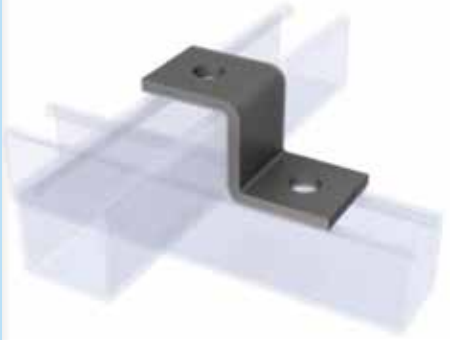


EXCO11

EXCO12

EXCO13

EXCO14



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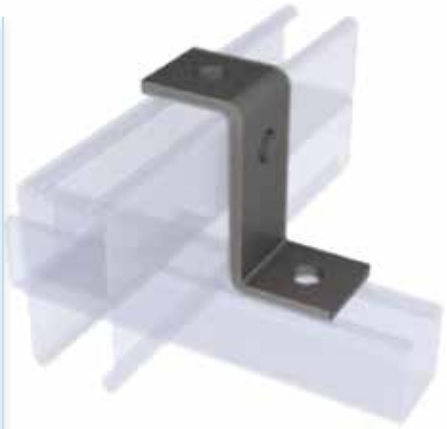


EXCO16

EXCO17

EXCO18

EXCO19

EXCO20

EXCO21

EXCO23

EXCO25

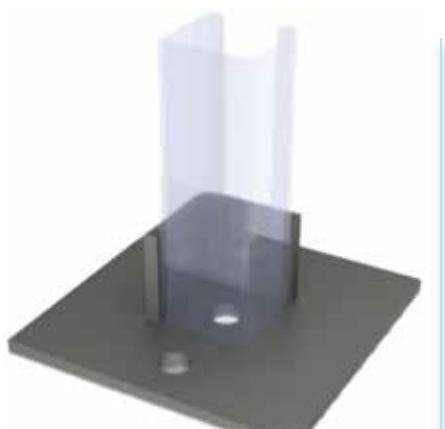
EXCO26

EXCO27

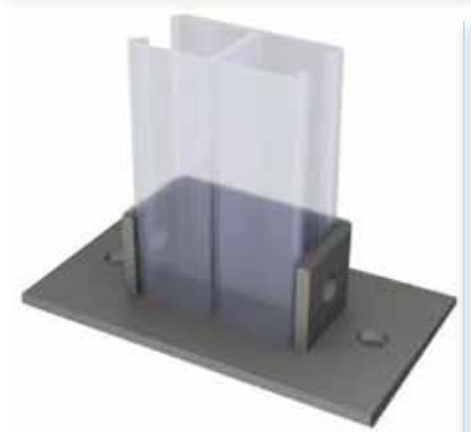
EXCO28

EXCO29

EXCO30

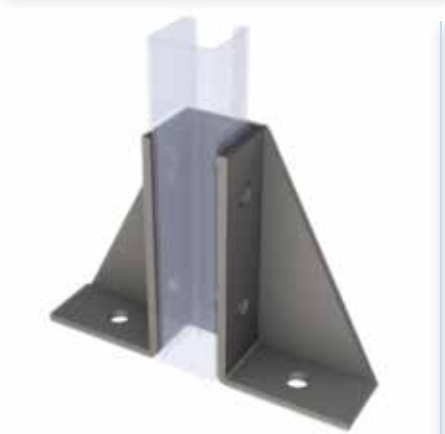


EXCO31



EXCO32

EXCO33



EXCO35

EXCO37

EXCO38

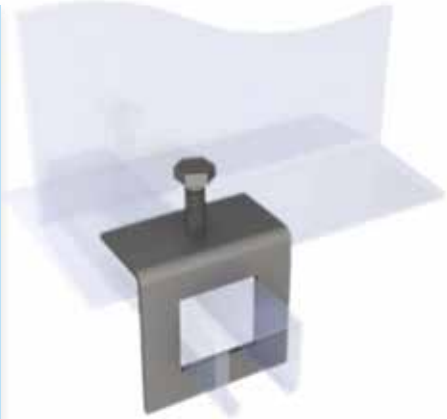
EXCO39

EXCO40

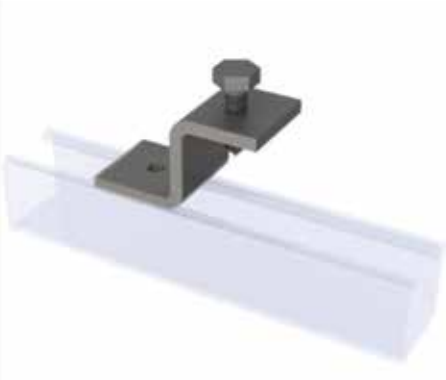
EXCO41

EXCO42

EXCO43



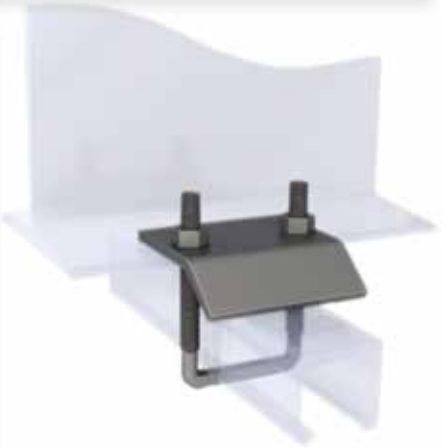
EXCO44



EXCO45

EXCO46

EXCO47



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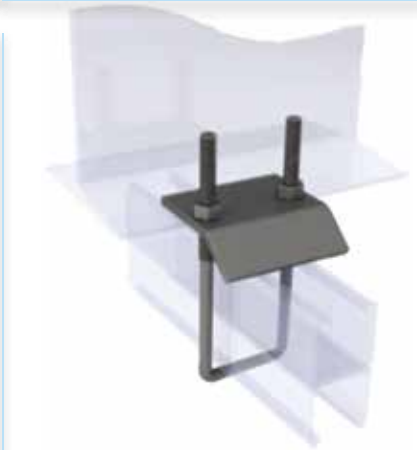

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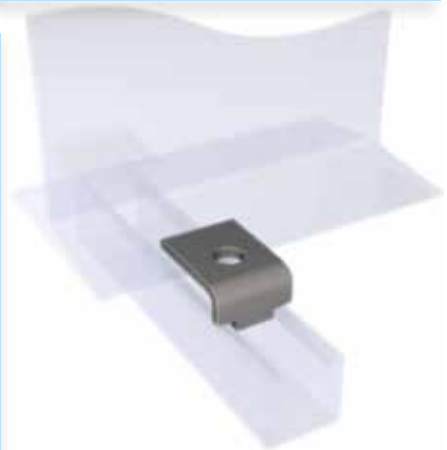
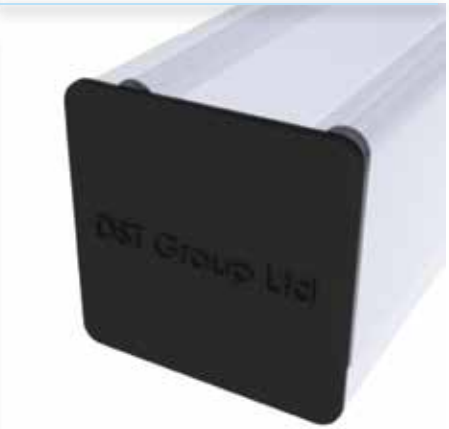


EXCO50



EXCO51

EXCO52