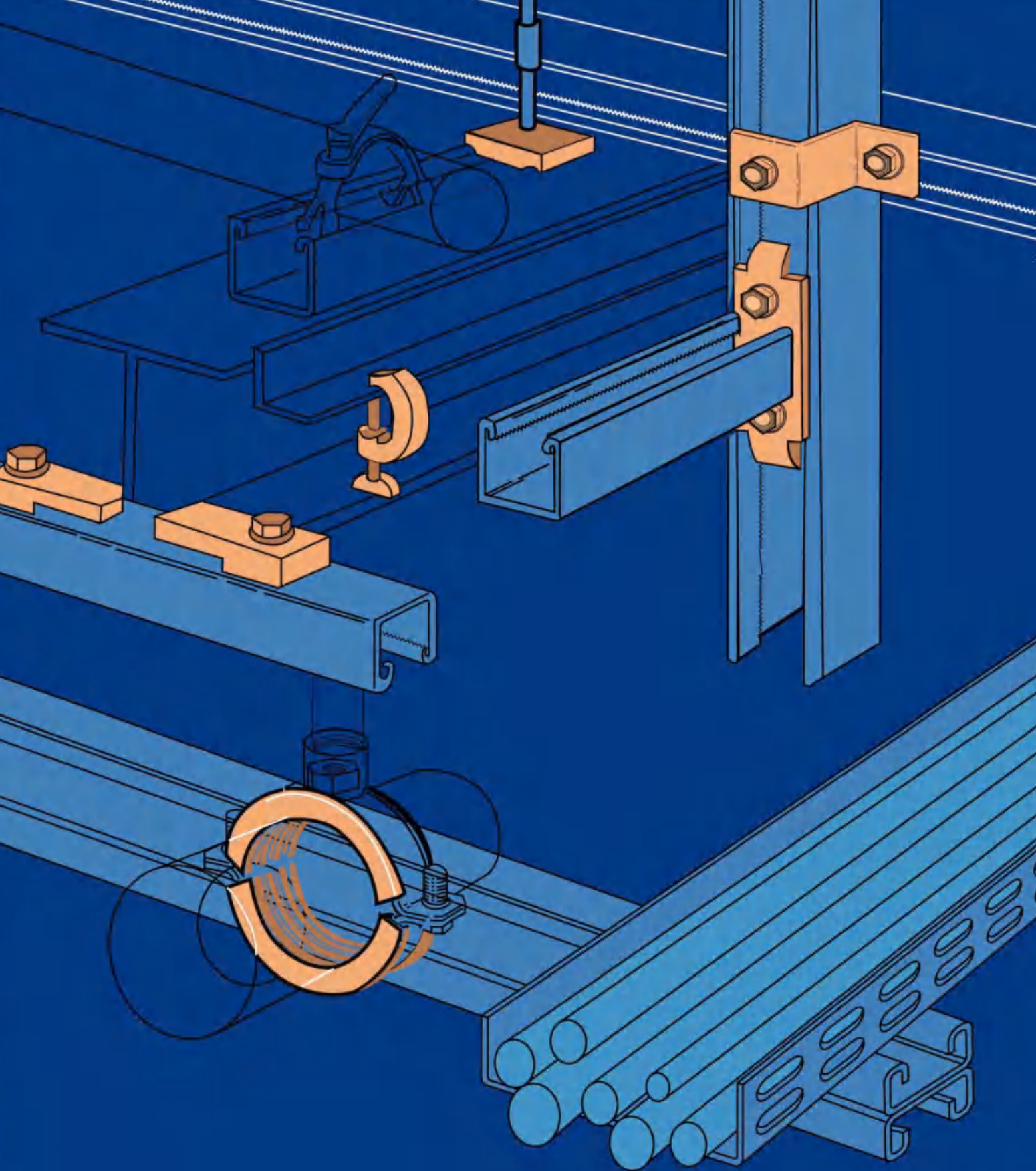






Introduction

TOPFIX MACHINERY MFG CO., LTD is a leading manufacturer for a complete range of fixing system. Our products are widely used in plumbing, heating, ventilation, electrical installation and many other mechanical applications.

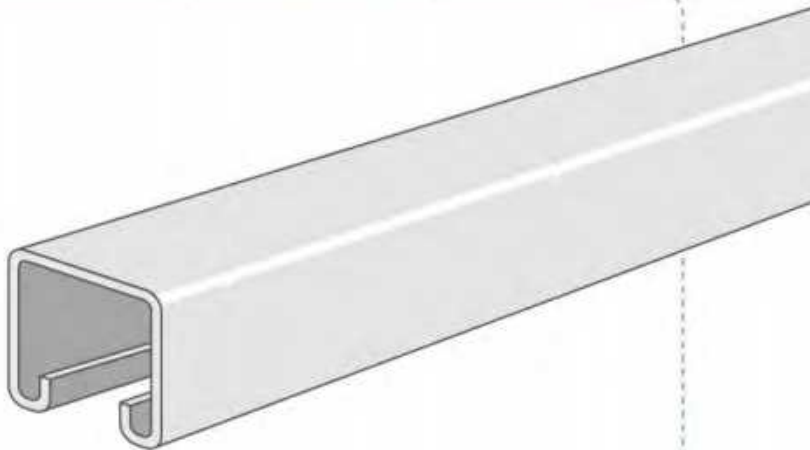
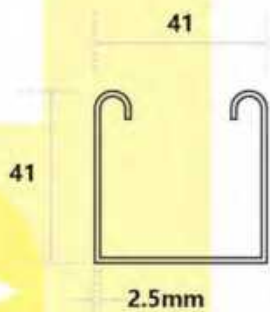
More than 20 years of practice on the market enable us to supply high qualified products which meet all of our customer's specific solutions.

Our fixing system products are Quality, Safety, Reliability and Flexibility. Every component from our fixing system is certified by Quality Management System ISO9001. Our quality control covers from material certification, manufacturing process, corrosion protection to packed products. The on-site quality control takes place at each stage of manufacturing process. We have our own test lab and have cooperation with third party laboratory to conduct a series of professional and indispensable tests.

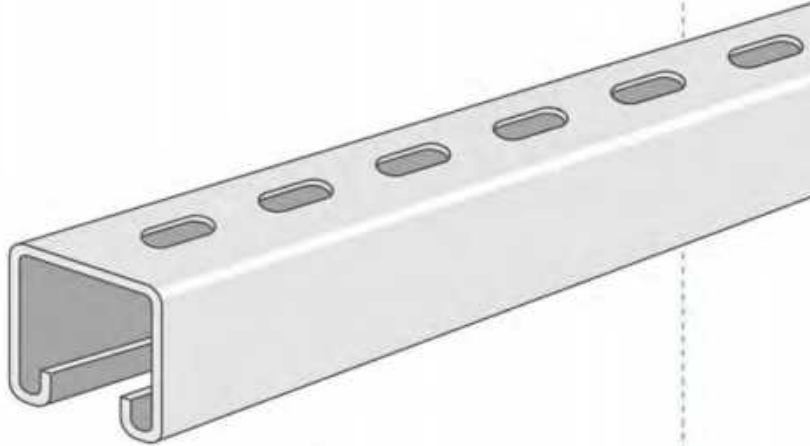
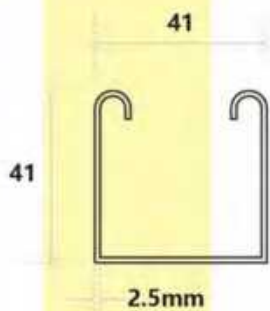
Our research and development department are constantly researching, designing and developing new production technology to reduce cost. At the same time we cooperate with customer to develop new products to satisfy new engineering demand.

As an experienced industry leader, we work consistently to ensure our customer receiving quality products better than expectations. We CREATE MORE, customer GROW MORE.

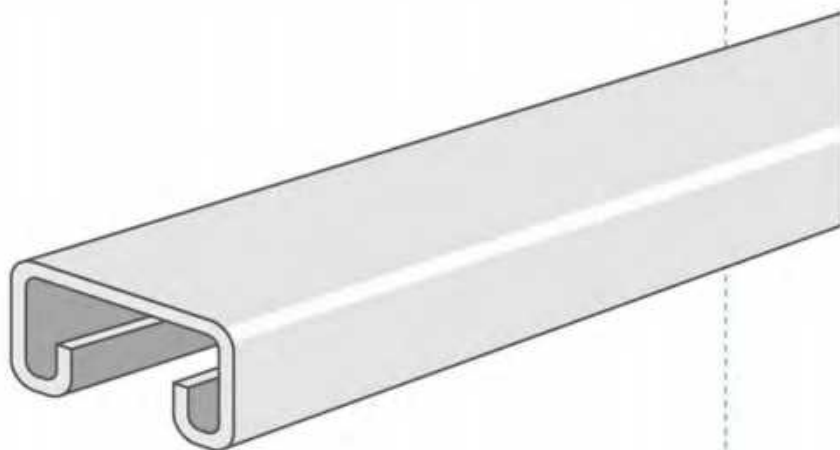
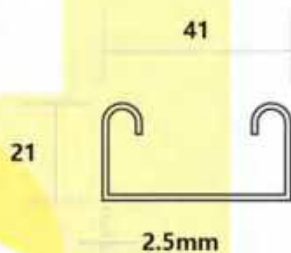
STRUT CHANNEL
FINISH: HOT DIP GALVANIZED/PRE-GALVANIZED/ELECTRICAL GALVANISED/POWDER COATING/STAINLESS STEEL



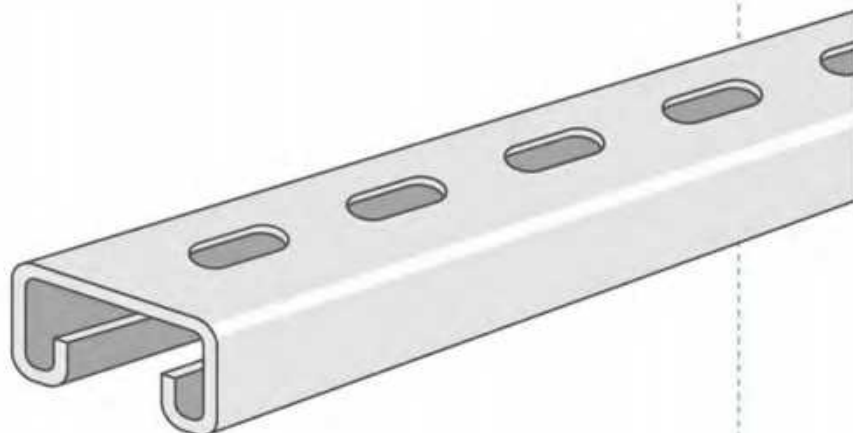
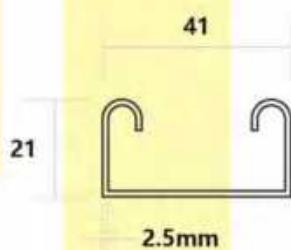
Art No.	Size	Descr	Thickness
AG25	41X41	PLAIN	2.50
AG20	41X41	PLAIN	2.00
AG15	41X41	PLAIN	1.50



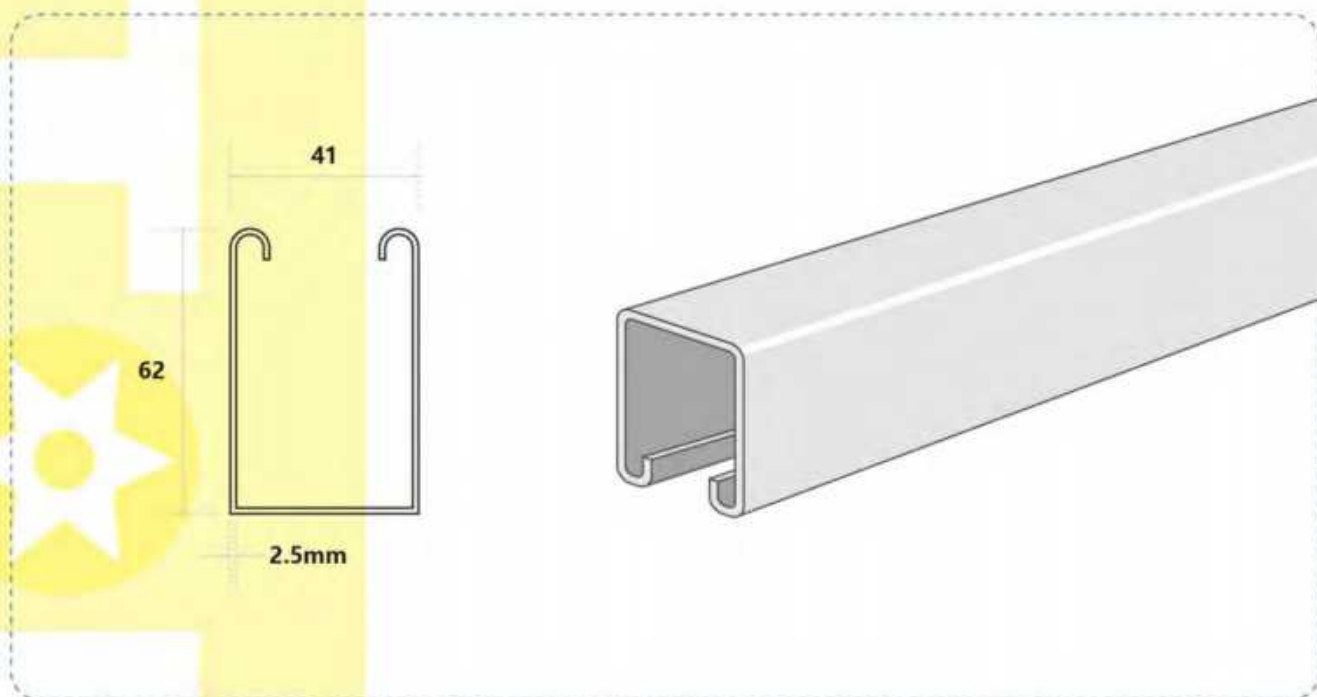
Art No.	Size	Descr	Thickness
AB25	41X41	SLOTTED	2.50
AB20	41X41	SLOTTED	2.00
AB15	41X41	SLOTTED	1.50



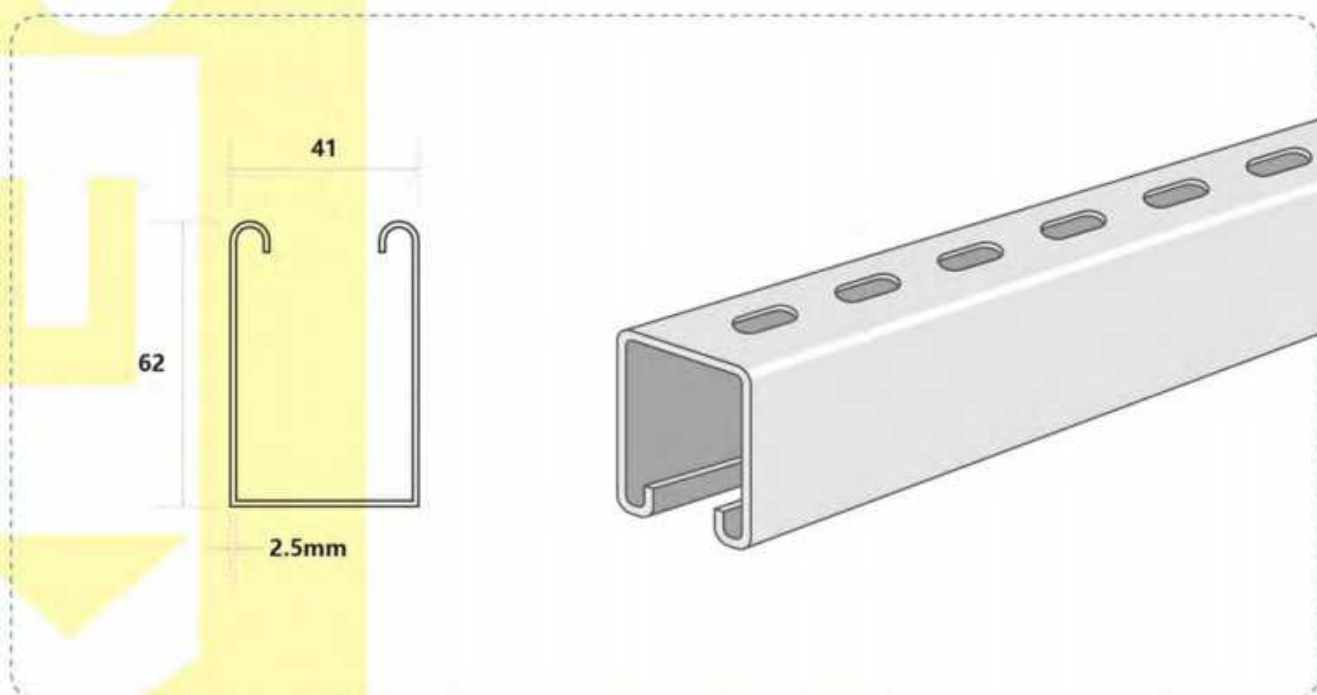
Art No.	Size	Descr	Thickness
DG25	41X21	PLAIN	2.50
DG20	41X21	PLAIN	2.00
DG15	41X21	PLAIN	1.50



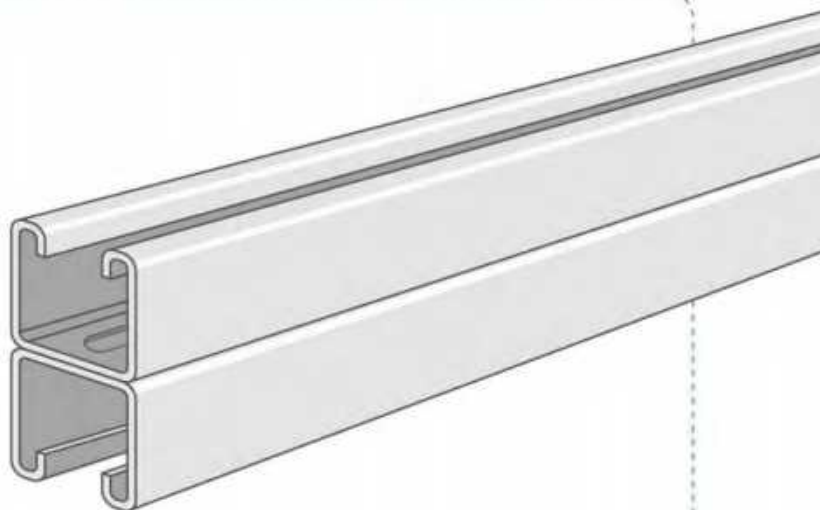
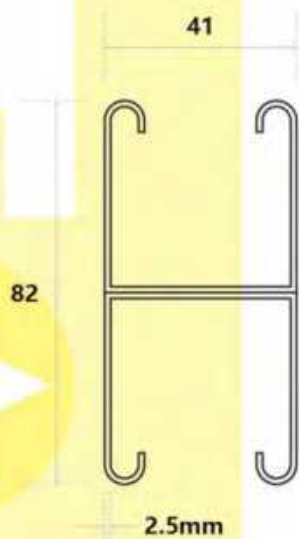
Art No.	Size	Descr	Thickness
DB25	41X21	SLOTTED	2.50
DB20	41X21	SLOTTED	2.00
DB15	41X21	SLOTTED	1.50



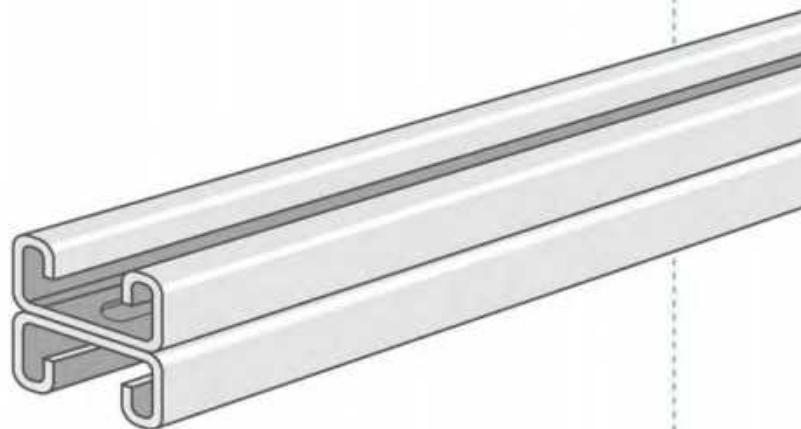
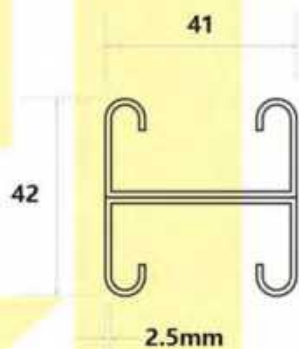
Art No.	Size	Descr	Thickness
EG25	62X41	PLAIN	2.50



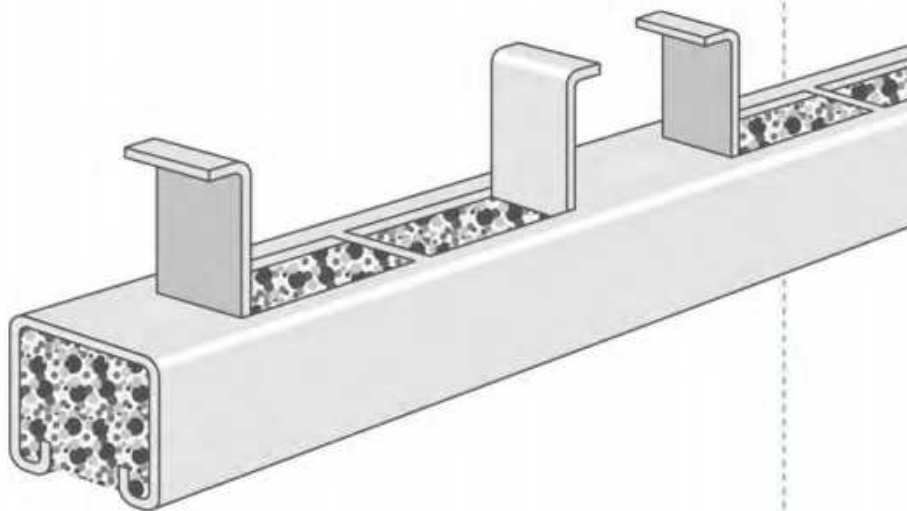
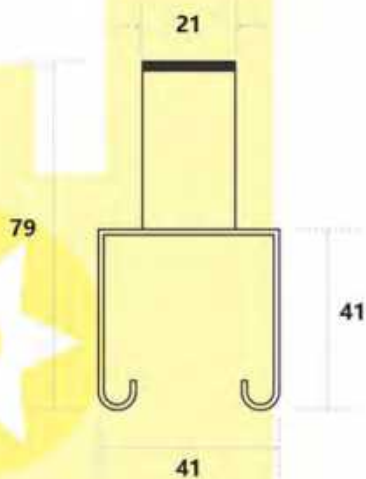
Art No.	Size	Descr	Thickness
EB25	62X41	SLOTTED	2.50



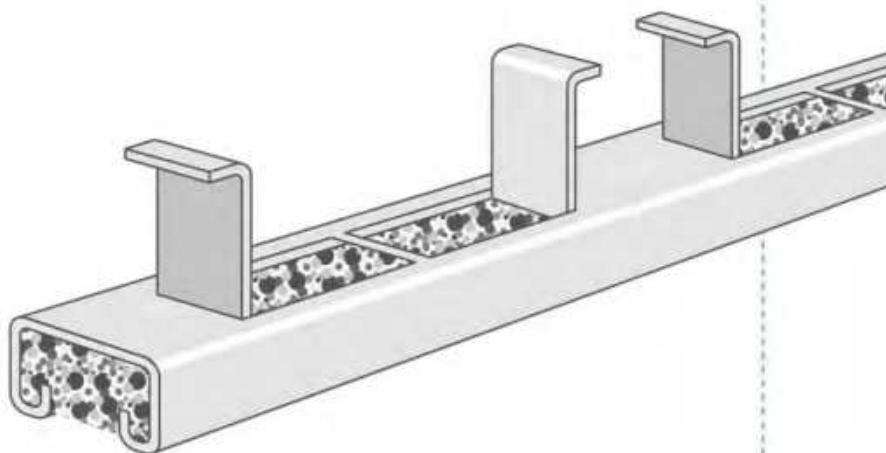
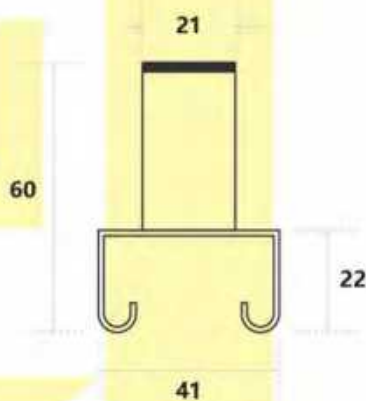
Art No.	Size	Descr	Thickness
FG25	82X41	BACK TO BACK	2.50



Art No.	Size	Descr	Thickness
GG25	42X41	BACK TO BACK	2.50



Art No.	Size	Descr	Thickness
HG25	41X41	CONCRETE INSERT	2.50



Art No.	Size	Descr	Thickness
IG25	41X21	CONCRETE INSERT	2.50

FINISH: PRE-GALVANIZED/ ELECTRICAL GALVANIZED

The technical drawing on the left shows a 90-degree elbow with a wall thickness of 2.5, a vertical leg length of 30, and a horizontal leg length of 30. The angle is labeled 90°. To the right is a 3D perspective view of a rectangular duct with four oval-shaped holes along its length.

C PROFILE

U PROFILE

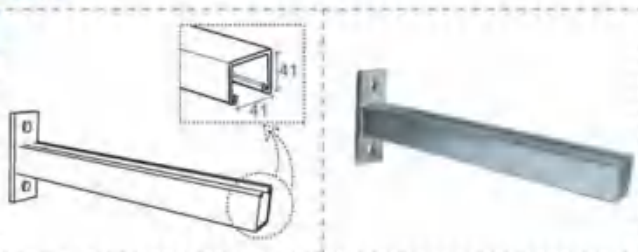
HOT ROLLED ANGLES

HOT ROLLED CHANNEL

The technical drawing illustrates a channel section. On the left, a cross-section is shown with a vertical web of thickness t and two horizontal flanges of thickness t_f . The overall height is H and the overall width is B . The flanges are labeled with dimensions $2t_f$ and $2t_f$ at their outer edges. On the right, a perspective view of the channel section is shown, highlighting its U-shaped profile.

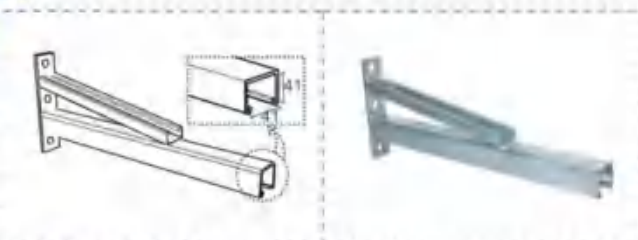
Cantilever bracket, without arm, hot dip galvanized

Art. No.	Length (mm)	Profile (mm)	Back Plate (mm)
KH4150	150	41X41X2.5	125X45X10
KH4200	200	41X41X2.5	125X45X10
KH4250	250	41X41X2.5	125X45X10
KH4300	300	41X41X2.5	125X45X10
KH4400	400	41X41X2.5	125X45X10
KH4450	450	41X41X2.5	125X45X10
KH4500	500	41X41X2.5	125X45X10
KH4550	550	41X41X2.5	125X45X10
KH4600	600	41X41X2.5	125X45X10
KH4650	650	41X41X2.5	125X45X10
KH4700	700	41X41X2.5	125X45X10
KH4750	750	41X41X2.5	125X45X10



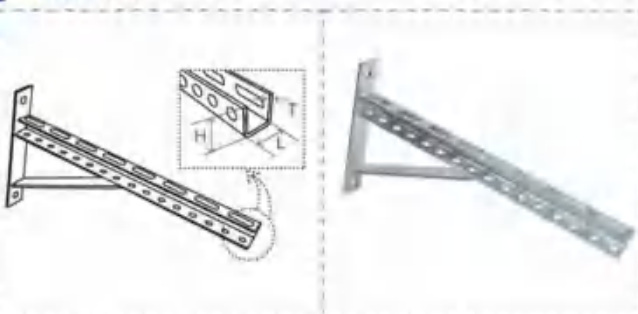
Cantilever bracket, with arm, hot dip galvanized

Art. No.	Length (mm)	Profile (mm)	Back Plate (mm)
ECB4320	320	41X41X2.5	195X40X8
ECB4470	470	41X41X2.5	195X40X8
ECB4635	635	41X41X2.5	245X40X8
ECB4780	780	41X41X2.5	245X40X8



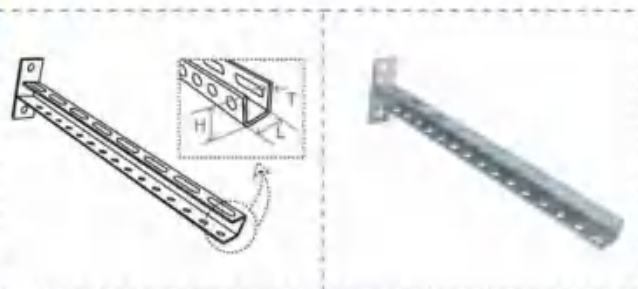
Cantilever brackets with braced arm, hot dip galvanized

Art. No.	Length (mm)	Profile L*H*T(mm)	Back Plate (mm)
UCB30200	200	30x30x3	230x40x5
UCB30250	250	30x30x3	230x40x5
UCB30300	300	30x30x3	230x40x5
UCB30350	350	30x30x3	230x40x5
UCB30400	400	30x30x3	230x40x5
UCB30450	450	30x30x3	230x40x5
UCB30500	500	30x30x3	230x40x5
UCB30600	600	30x30x3	230x40x5
UCB30800	800	30x30x3	400x40x5
UCB30000	1000	30x30x3	400x40x5



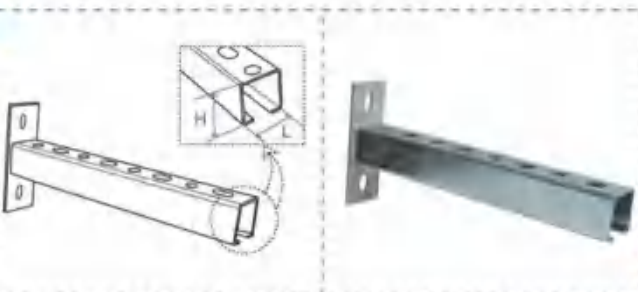
Cantilever brackets, hot dip galvanized

Art. No.	Length (mm)	Profile L*H*T(mm)	Back Plate (mm)
UKH30150	150	30x30x3	115x40x5
UKH30200	200	30x30x3	115x40x5
UKH30250	250	30x30x3	115x40x5
UKH30300	300	30x30x3	115x40x5
UKH30400	400	30x30x3	115x40x5
UKH30500	500	30x30x3	115x40x5
UKH30600	600	30x30x3	115x40x5



Cantilever brackets, white color zinc-plated

Art. No.	Length (mm)	Profile L*H(mm)	Back Plate (mm)
CKH27200	200	27x18x1.2	134x50x4.5
CKH27300	300	27x18x1.2	134x50x4.5
CKH27420	420	27x18x1.2	134x50x4.5
CKH27540	540	27x18x1.2	134x50x4.5
CKH38300	300	38x40x2.0	134x50x4.5
CKH38400	400	38x40x2.0	134x50x4.5
CKH38500	500	38x40x2.0	134x50x4.5



STRUT CLIPS

Art. No.	Size	Band(mm)	Bolt
	(inch)	(wxt)	
PA004	1/2"	32x1.5	M6x25
PA006	3/4"	32x1.5	M6x25
PA008	1"	32x2.0	M6x25
PA010	1-1/4"	32x2.0	M8x30
PA012	1-1/2"	32x2.5	M8x30
PA014	2"	32x2.5	M8x30
PA016	2-1/2"	32x2.5	M8x30
PA018	3"	32x2.5	M8x30
PA020	4"	32x2.5	M10x35
PA022	5"	32x3.0	M10x35
PA024	6"	32x3.0	M10x35
PA026	8"	32x3.0	M10x35
PA028	10"	32x3.0	M10x35



P TYPE PIPE CLAMP

Art. No.	Size	Band(mm)	Bolt
	(inch)	(wxt)	
PB004	1/2"	23x2.0	M6X25
PB006	3/4"	23x2.0	M6X25
PB008	1"	23x2.0	M6X25
PB010	1 1/4"	23x2.0	M6X25
PB012	1 1/2"	23x2.5	M6X25
PB014	2"	23x2.5	M6X25



SPRING NUT

Art. No.	Size	Thread	Spring Height
			(mm)
TF10606	1	M6	0
TF10608		M8	0
TF10610		M10	0
TF10612		M12	0
TF20606	2	M6	9.5
TF20608		M8	9.5
TF20610		M10	9.5
TF20612		M12	9.5
TF38606	3	M6	38
TF38608		M8	38
TF38610		M10	38
TF38612		M12	38
TF15606	4	M6	4.25
TF15608		M8	4.25
TF15610		M10	4.25
TF15612		M12	4.25



STRUT NUT

Art. No.	Size
	(mm)
TF830	M8x30
TF840	M8x40
TF850	M8x50
TF860	M8x60
TF875	M8x75
TF8100	M8x100
TF1030	M10x30
TF1040	M10x40
TF1050	M10x50
TF1060	M10x60
TF1075	M10x75
TF10100	M10x100



TIMBER FERRULE

Art. No.	Inner diameter x Outer diameter	Thickness
	(mm)	(mm)
16PLY02025	19.0(ID) x 70(OD)	40
16PLY02040	19.0(ID) x 103(OD)	40
16PLY02525	25.0(ID) x 77(OD)	40
16PLY02550	25.4(ID) x 128(OD)	40
16PLY03225	32.0(ID) x 83(OD)	40
16PLY04025	38.0(ID) x 90(OD)	40
16PLY05025	50.0(ID) x 103(OD)	40
16PLY05040	50.0(ID) x 128(OD)	40
16PLY10050	101.0(ID) x 204(OD)	40



STRUT COVER

Art. No.	Size	Length	To Suit
	(mm)	(mm)	
TFCOV41	41	3000	ALL STRUT CHANNEL

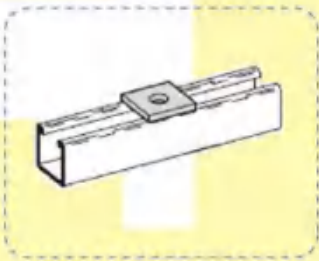


STRUT END CAPS

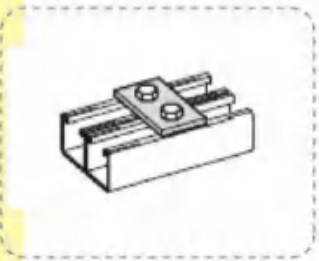
Art. No.	Size	To Suit
	(mm)	
TFENDC21	41x21	41x21mm STRUT CHANNEL
TFENDC41	41x41	41x41mm STRUT CHANNEL



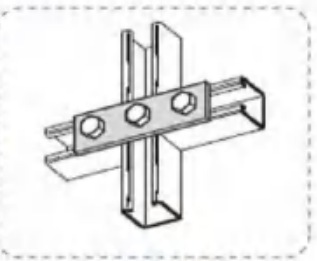
STRUT ACCESSORIES



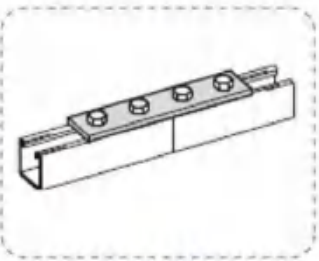
RX100



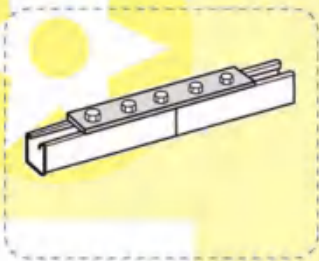
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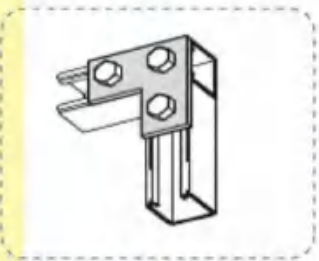
RX103



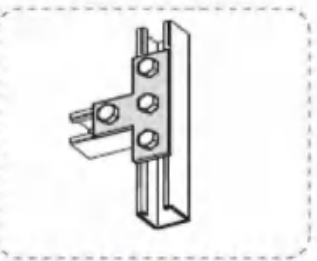
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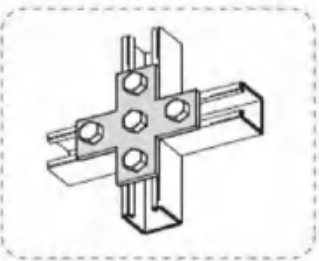
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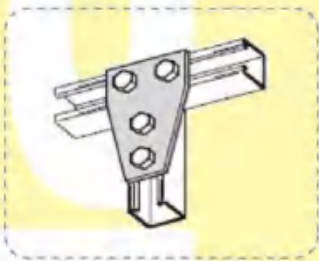
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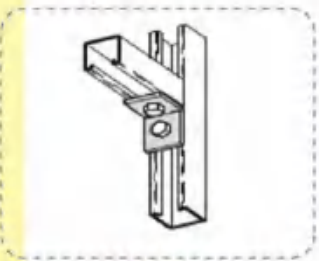
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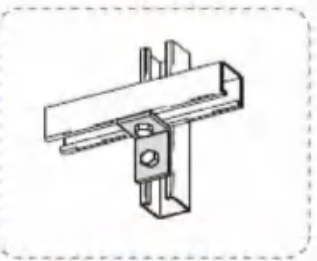
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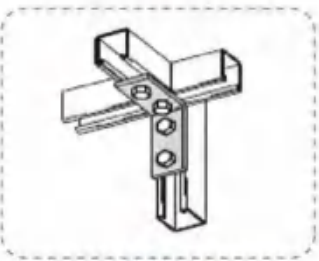
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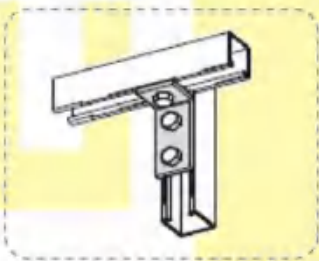
RX200



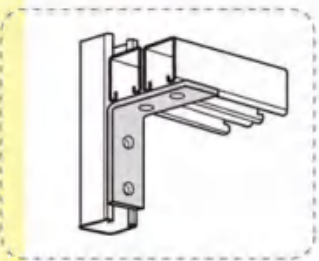
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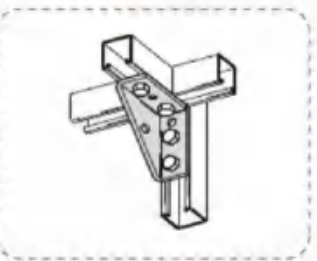
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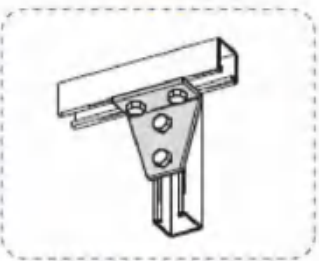
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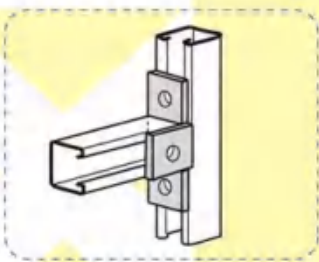
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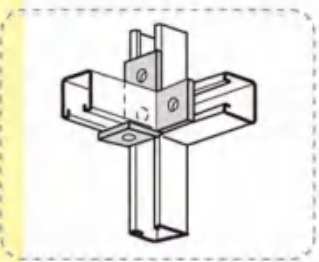
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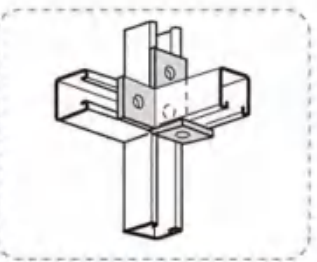
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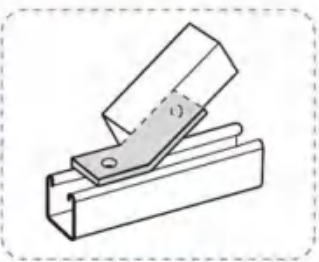
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RX214

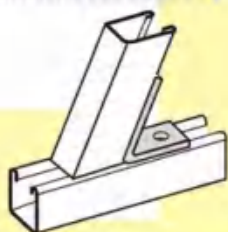


RX215

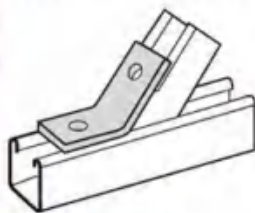


RX218

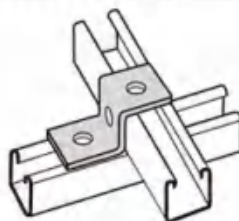
STRUT ACCESSORIES



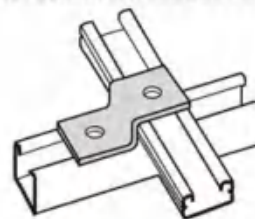
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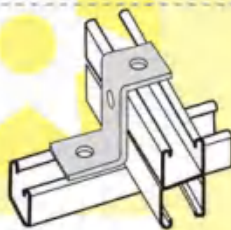
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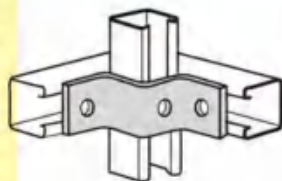
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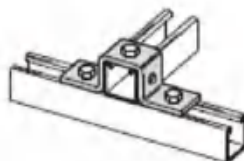
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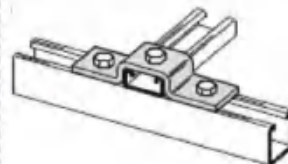
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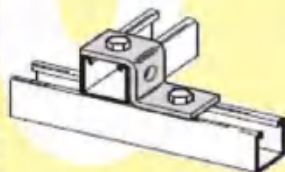
RX304



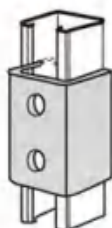
RX400



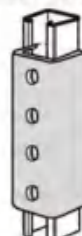
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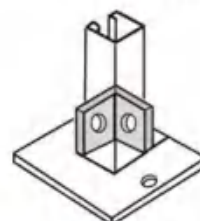
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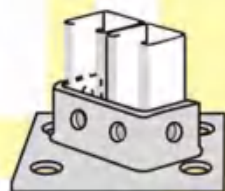
RX406



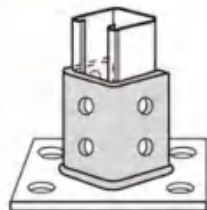
RX407



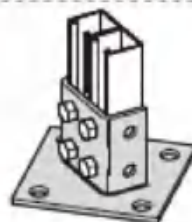
RX501



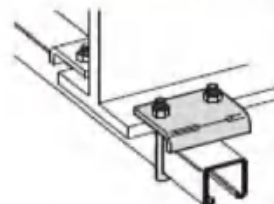
RX502



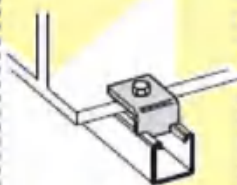
RX506



RX507



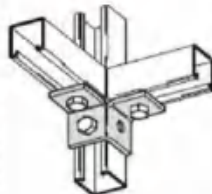
RX601



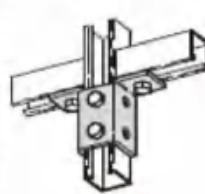
RX605



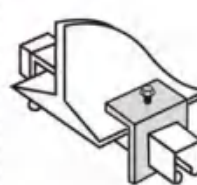
RX606



RX701



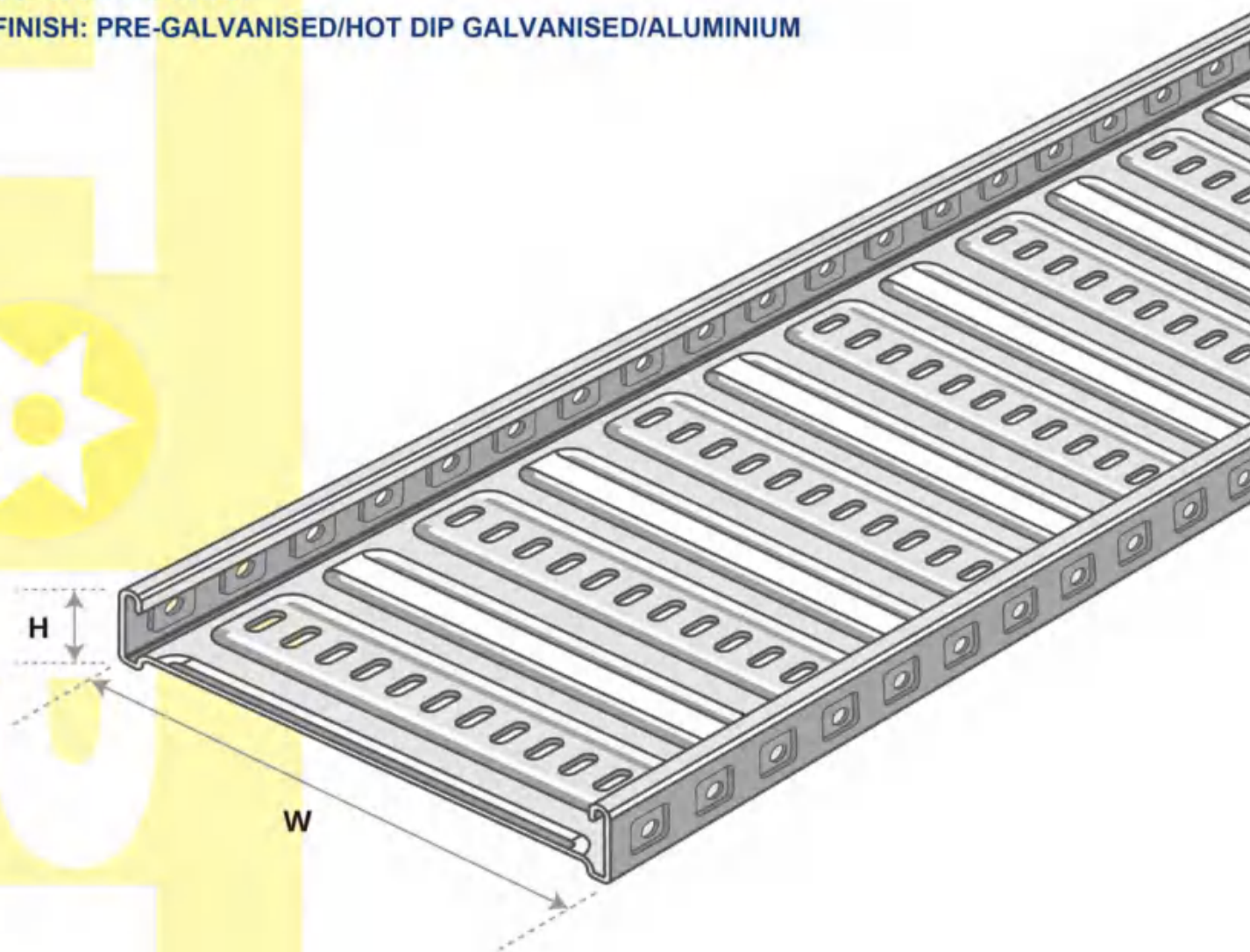
RX702



RX704

T3 CABLE TRAY

FINISH: PRE-GALVANISED/HOT DIP GALVANISED/ALUMINIUM



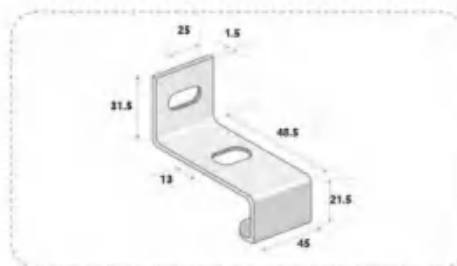
T3 CABLE TRAY

Art. No.	Length	Width	Height	Thickness
	(mm)	(mm)	(mm)	(mm)
TF T3-150CT	3,000	150	50	0.8
TF T3-300CT	3,000	300	50	0.8
TF T3-450CT	3,000	450	50	0.8
TF T3-600CT	3,000	600	50	0.8

T3 CABLE TRAY ACCESSORIES

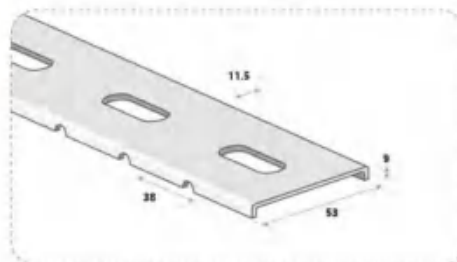
HDC Hold Down Clamp

Art. No.	Width (mm)	Thickness (mm)
TF T3-HDC	45	1.5



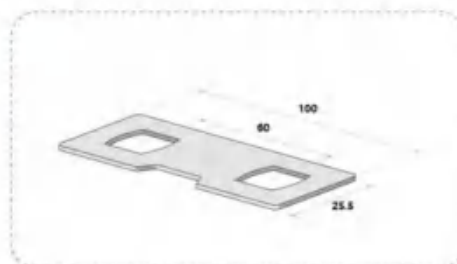
RP Radius Plate

Art. No.	Length (mm)	Width (mm)	Thickness (mm)	Height (mm)
TF T3-FP	3,000	53	0.75	9



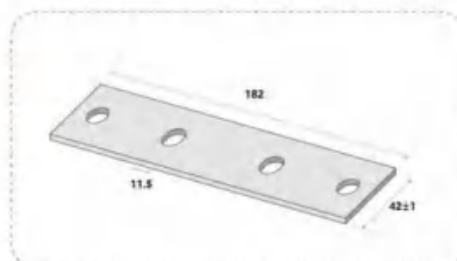
RLP Riser Link Plate

Art. No.	Length (mm)	Width (mm)	Thickness (mm)
TF T3-RLP	100	25.5	1.5



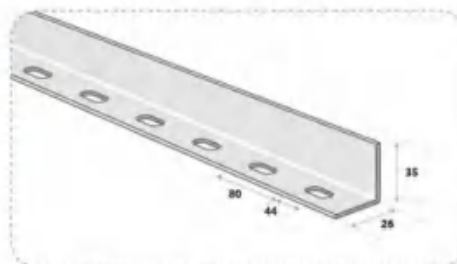
SP Splice Plate

Art. No.	Length (mm)	Width (mm)	Thickness (mm)
TF T3-SP	182	42	2.5



BS Barrier Strip

Art. No.	Length (mm)	WidthL1 (mm)	WidthL2 (mm)	Thickness (mm)
TF T3-BS	3000	35	26	0.8



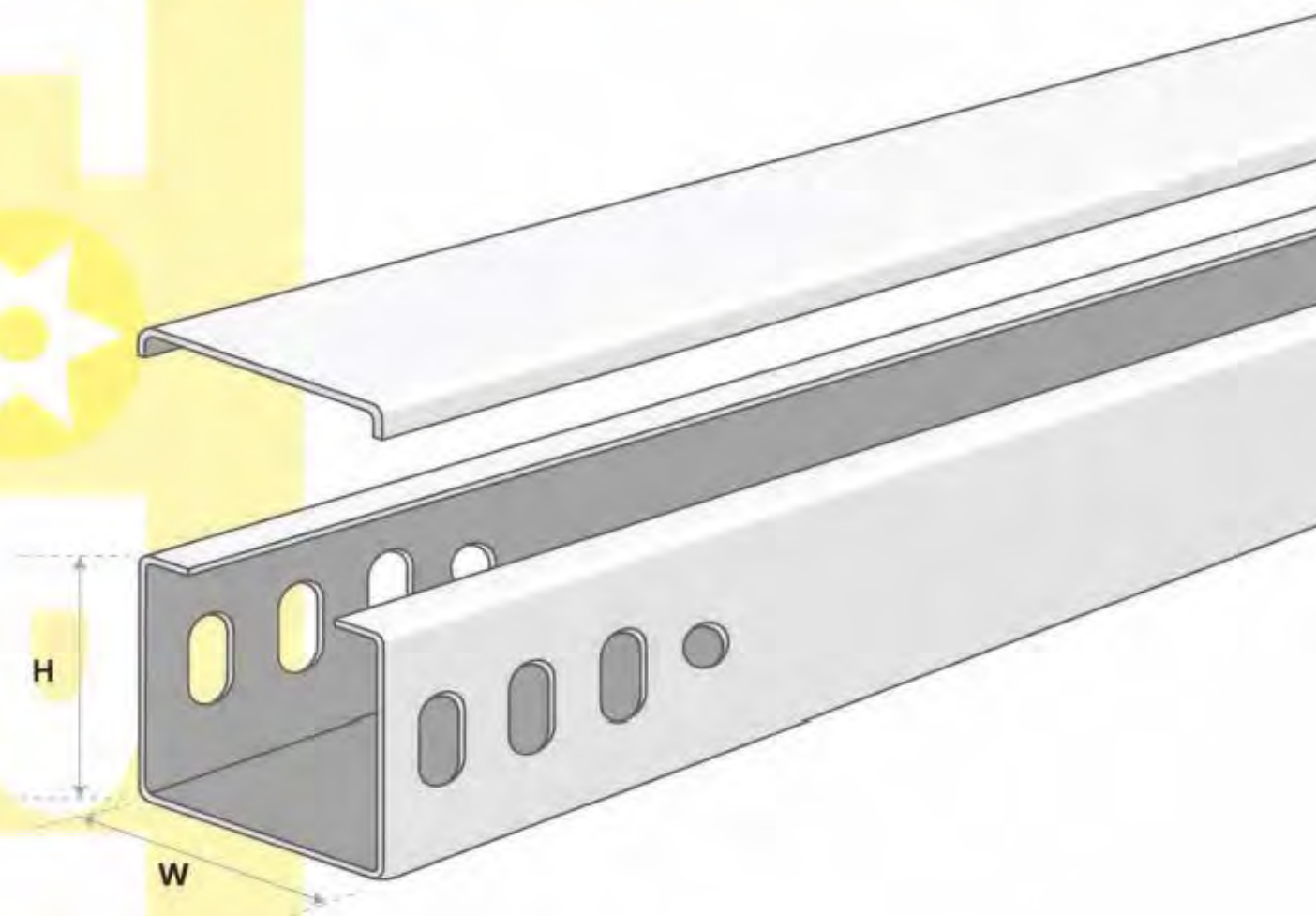
FLC Flat Cover

Art. No.	Length (mm)	Width (mm)	Thickness (mm)
TF T3-150FLC	3,000	173.6	0.8
TF T3-300FLC	3,000	323.6	0.8
TF T3-450FLC	3,000	473.6	0.8
TF T3-600FLC	3,000	623.6	0.8



CABLE DUCT

FINISH: PRE-GALVANISED/HOT DIP GALVANISED/ALUMINIUM/STAINLESS
STEEL/POWDER COATED



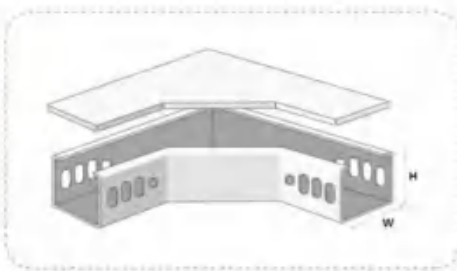
CABLE DUCT

Art. No.	Width (mm)	Height (mm)	Length (mm)
TFD5050	50	50	3000
TFD7575	75	75	3000
TFD10050	100	50	3000
TFD100100	100	100	3000
TFD150100	150	100	3000
TFD150150	150	150	3000

CABLE DUCT ACCESSORIES

Cable Duct Elbow

Art. No.	Width	Height
	(mm)	(mm)
TFDE5050	50	50
TFDE7575	75	75
TFDE10050	100	50
TFDE100100	100	100
TFDE150100	150	100
TFDE150150	150	150



Cable Duct Equal Tee

Art. No.	Width	Height
	(mm)	(mm)
TFDT5050	50	50
TFDT7575	75	75
TFDT10050	100	50
TFDT100100	100	100
TFDT150100	150	100
TFDT150150	150	150



Cable Duct Inside Riser

Art. No.	Width	Height
	(mm)	(mm)
TFDRI5050	50	50
TFDRI7575	75	75
TFDRI10050	100	50
TFDRI100100	100	100
TFDRI150100	150	100
TFDRI150150	150	150



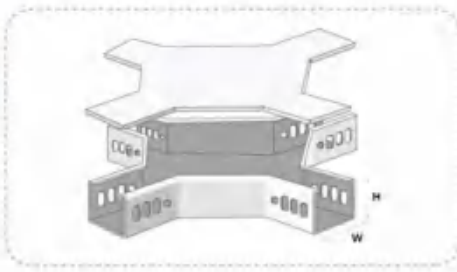
Cable Duct Outside Riser

Art. No.	Width	Height
	(mm)	(mm)
TFDRO5050GB	50	50
TFDRO7575GB	75	75
TFDRO10050GB	100	50
TFDRO100100GB	100	100
TFDRO150100GB	150	100
TFDRO150150GB	150	150



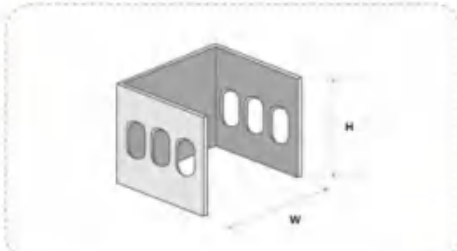
Cable Duct Equal Cross

Art. No.	Width	Height
	(mm)	(mm)
TFDC5050	50	50
TFDC7575	75	75
TFDC10050	100	50
TFDC100100	100	100
TFDC150100	150	100
TFDC150150	150	150



Cable Duct End Cap

Art. No.	Width	Height
	(mm)	(mm)
TFDEC5050	50	50
TFDEC7575	75	75
TFDEC10050	100	50
TFDEC100100	100	100
TFDEC150100	150	100
TFDEC150150	150	150

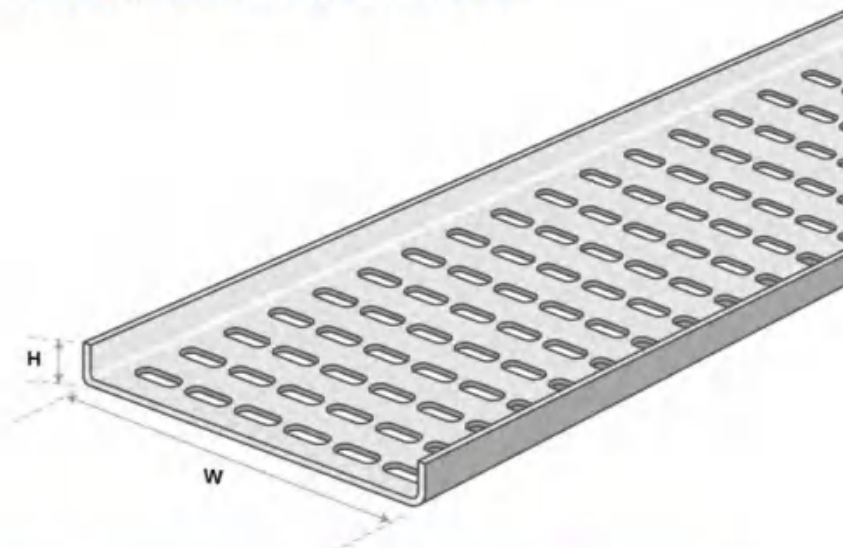


PERFORATED CABLE TRAY

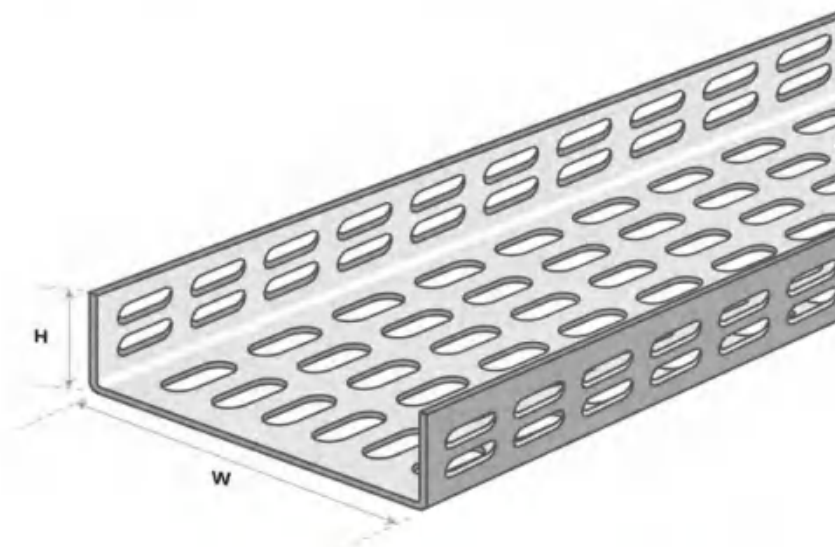
FINISH: PRE-GALVANISED/HOT DIP GALVANISED/ALUMINIUM/STAINLESS
STEEL/POWDER COATED



TFC1 Cable Tray



Series	Art. No.	Width (mm)	Height (mm)	Length (mm)
TFC1 Cable Tray	TFC1-50	50	15	3000
	TFC1-100	100	15	3000
	TFC1-150	150	15	3000
	TFC1-200	200	15	3000
	TFC1-250	250	15	3000
	TFC1-300	300	15	3000
	TFC1-450	450	15	3000
	TFC1-600	600	15	3000

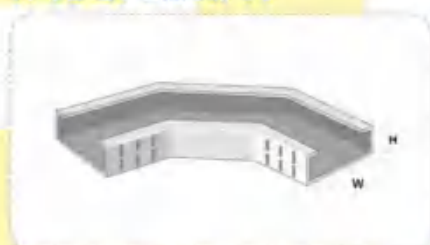


TFC2 & TFC5 & TFC6 Cable Tray

Series	Art. No.	Width (mm)	Height (mm)	Length (mm)
TFC2 / TFC5/ TFC6 Cable Tray	TFC2/5/6-50	50	50 / 75 / 100	3000
	TFC2/5/6-100	100		3000
	TFC2/5/6-150	150		3000
	TFC2/5/6-200	200		3000
	TFC2/5/6-250	250		3000
	TFC2/5/6-300	300		3000
	TFC2/5/6-450	450		3000
	TFC2/5/6-600	600		3000

PERFORATED CABLE TRAY ACCESSORIES

TFC2-E3 Elbow 90°



Series	Art. No.	Width (mm)	Height (mm)
TFC2-E3	TFC2-E3-50G	50	50
	TFC2-E3-100G	100	
	TFC2-E3-150G	150	
	TFC2-E3-200G	200	
	TFC2-E3-250G	250	
	TFC2-E3-300G	300	
	TFC2-E3-450G	450	
	TFC2-E3-600G	600	

TFC2-T Tee



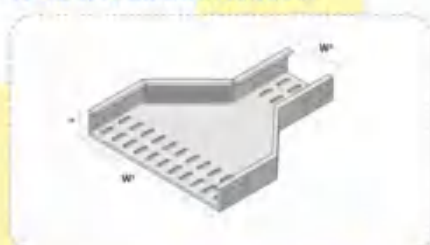
Series	Art. No.	Width (mm)	Height (mm)
TFC2-T	TFC2-T-50G	50	50
	TFC2-T-100G	100	
	TFC2-T-150G	150	
	TFC2-T-200G	200	
	TFC2-T-250G	250	
	TFC2-T-300G	300	
	TFC2-T-450G	450	
	TFC2-T-600G	600	

TFC2-C Cross



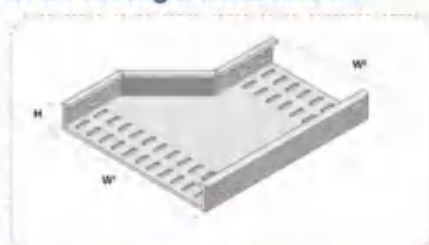
Series	Art. No.	Width (mm)	Height (mm)
TFC2-C	TFC2-C-50G	50	50
	TFC2-C-100G	100	
	TFC2-C-150G	150	
	TFC2-C-200G	200	
	TFC2-C-250G	250	
	TFC2-C-300G	300	
	TFC2-C-450G	450	
	TFC2-C-600G	600	

TFC2-MR Middle Reducer



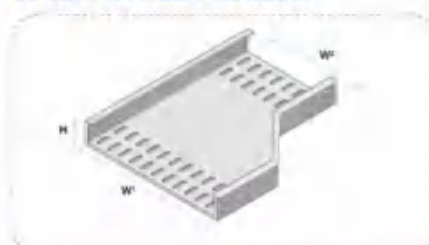
Series	Art. No.	W ₁ (mm)	W ₂ (mm)	H (mm)
TFC2-MR	TFC2-MR-10050G	100	50	50
	TFC2-MR-15050G	150	50	
	TFC2-MR-20050G	200	50	
	TFC2-MR-150100G	150	100	
	TFC2-MR-200100G	200	100	
	TFC2-MR-250100G	250	100	
	TFC2-MR-200150G	200	150	
	TFC2-MR-300150G	300	150	

TFC2-RR Right Hand Reducer



Series	Art. No.	W ₁ (mm)	W ₂ (mm)	H (mm)
TFC2-RR	TFC2-RR-10050G	100	50	50
	TFC2-RR-15050G	150	50	
	TFC2-RR-20050G	200	50	
	TFC2-RR-150100G	150	100	
	TFC2-RR-200100G	200	100	
	TFC2-RR-250100G	250	100	
	TFC2-RR-200150G	200	150	
	TFC2-RR-300150G	300	150	

TFC2-LR Left Hand Reducer



Series	Art. No.	W ₁ (mm)	W ₂ (mm)	H (mm)
TFC2-LR	TFC2-LR-10050G	100	50	50
	TFC2-LR-15050G	150	50	
	TFC2-LR-20050G	200	50	
	TFC2-LR-150100G	150	100	
	TFC2-LR-200100G	200	100	
	TFC2-LR-250100G	250	100	
	TFC2-LR-200150G	200	150	
	TFC2-LR-300150G	300	150	

TFC1-OR Outside Riser

Series	Art. No.	Width (mm)	Height (mm)
TFC1-OR	TFC1-OR-50G	50	15
	TFC1-OR-100G	100	
	TFC1-OR-150G	150	
	TFC1-OR-200G	200	
	TFC1-OR-250G	250	
	TFC1-OR-300G	300	
	TFC1-OR-450G	450	
	TFC1-OR-600G	600	



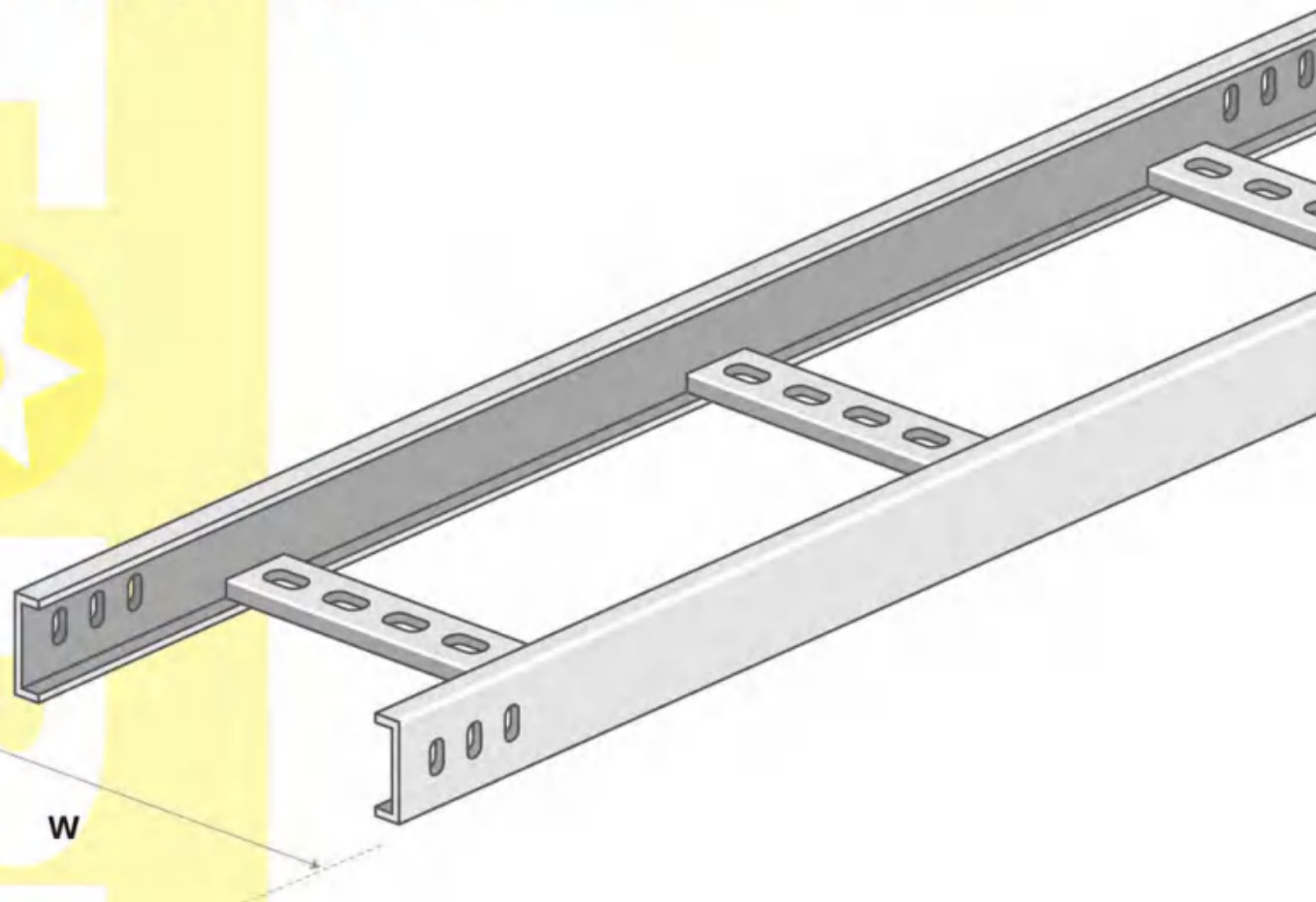
TFC1-IR Inside Riser

Series	Art. No.	Width (mm)	Height (mm)
TFC1-IR	TFC1-IR-50G	50	15
	TFC1-IR-100G	100	
	TFC1-IR-150G	150	
	TFC1-IR-200G	200	
	TFC1-IR-250G	250	
	TFC1-IR-300G	300	
	TFC1-IR-450G	450	
	TFC1-IR-600G	600	



CABLE LADDER

FINISH: PRE-GALVANISED/HOT DIP GALVANISED/ALUMINIUM/STAINLESS
STEEL/POWDER COATED



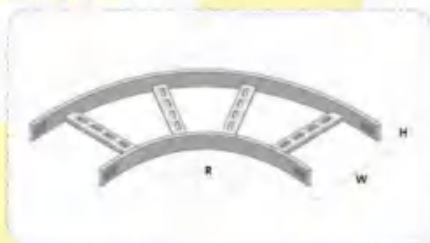
CABLE LADDER

Art. No.	Width	Height	Length
	(mm)	(mm)	(mm)
TFL100100	100	100	3000
TFL150100	150	100	3000
TFL200100	200	100	3000
TFL250100	250	100	3000
TFL300100	300	100	3000
TFL450100	450	100	3000
TFL600100	600	100	3000
TFL900100	900	100	3000

Other Height available.

CABLE LADDER ACCESSORIES

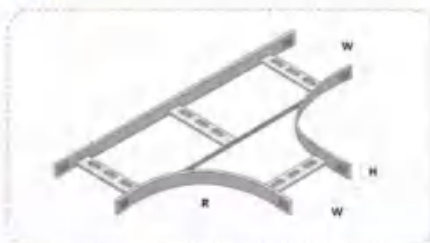
Elbow 90°



Art. No.	Width (mm)	Height (mm)	Radius
TFL150100R3	150	100	300 Radius
TFL300100R3	300	100	
TFL450100R3	450	100	
TFL600100R3	600	100	
TFL150100R4	150	100	450 Radius
TFL300100R4	300	100	
TFL450100R4	450	100	
TFL600100R4	600	100	
TFL150100R6	150	100	600 Radius
TFL300100R6	300	100	
TFL450100R6	450	100	
TFL600100R6	600	100	

Other Height available.

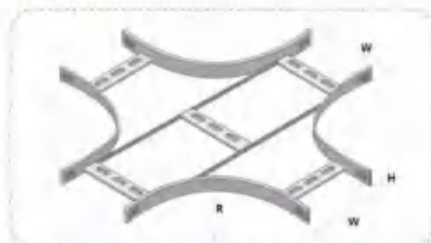
Tee



Art. No.	Width (mm)	Height (mm)	Radius
TFLT150100R3	150	100	300 Radius
TFLT300100R3	300	100	
TFLT450100R3	450	100	
TFLT600100R3	600	100	
TFLT150100R4	150	100	450 Radius
TFLT300100R4	300	100	
TFLT450100R4	450	100	
TFLT600100R4	600	100	
TFLT150100R6	150	100	600 Radius
TFLT300100R6	300	100	
TFLT450100R6	450	100	
TFLT600100R6	600	100	

Other Height available.

Cross



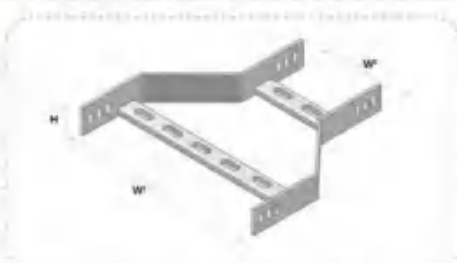
Art. No.	Width (mm)	Height (mm)	Radius
TFLC150100R3	150	100	300 Radius
TFLC300100R3	300	100	
TFLC450100R3	450	100	
TFLC600100R3	600	100	
TFLC150100R4	150	100	450 Radius
TFLC300100R4	300	100	
TFLC450100R4	450	100	
TFLC600100R4	600	100	
TFLC150100R6	150	100	600 Radius
TFLC300100R6	300	100	
TFLC450100R6	450	100	
TFLC600100R6	600	100	

Other Height available.

Middle Reducer

Art. No.	Width ₁ (mm)	Width ₂ (mm)	Height (mm)
TFLMR600450	600	450	100
TFLMR600300	600	300	100
TFLMR600150	600	150	100
TFLMR450300	450	300	100
TFLMR450150	450	150	100
TFLMR300150	300	150	100

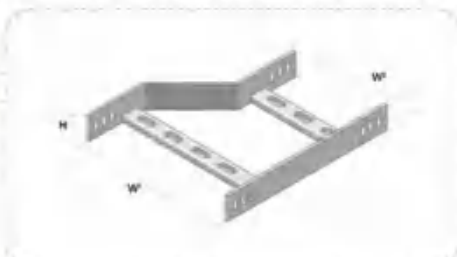
Other Height available.



Right Hand Reducer

Art. No.	Width ₁ (mm)	Width ₂ (mm)	Height (mm)
TFLRR600450	600	450	100
TFLRR600300	600	300	100
TFLRR600150	600	150	100
TFLRR450300	450	300	100
TFLRR450150	450	150	100
TFLRR300150	300	150	100

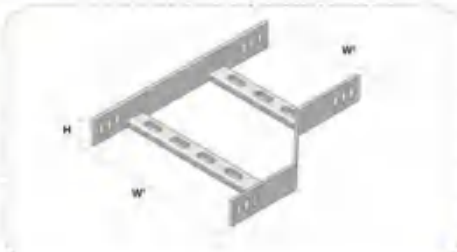
Other Height available.



Left Hand Reducer

Art. No.	Width ₁ (mm)	Width ₂ (mm)	Height (mm)
TFLLR600450	600	450	100
TFLLR600300	600	300	100
TFLLR600150	600	150	100
TFLLR450300	450	300	100
TFLLR450150	450	150	100
TFLLR300150	300	150	100

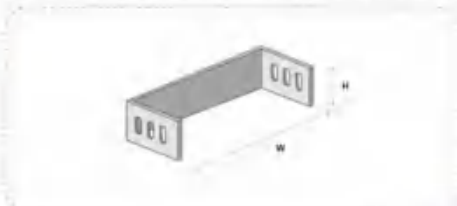
Other Height available.



Blind End

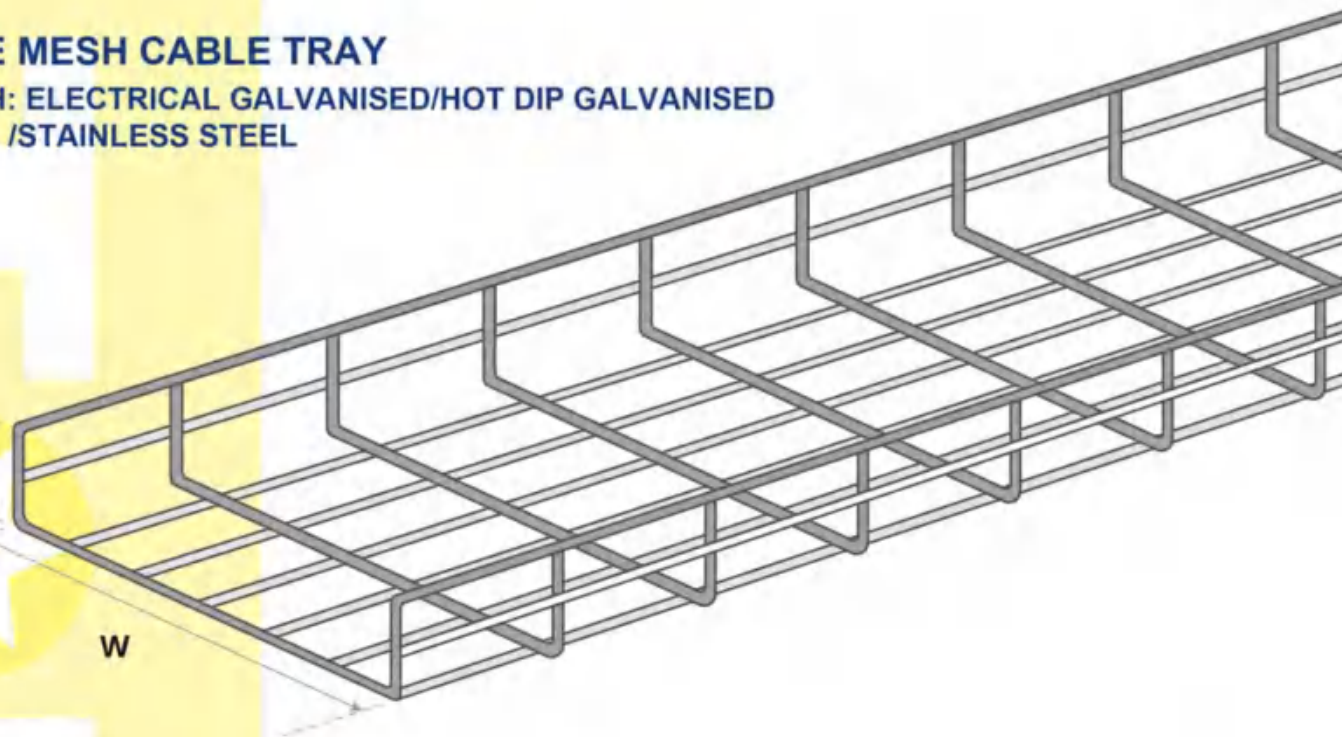
Art. No.	Width (mm)	Height (mm)
TFLBE150100	150	100
TFLBE300100	300	100
TFLBE450100	450	100
TFLBE600100	600	100

Other Height available.



WIRE MESH CABLE TRAY

FINISH: ELECTRICAL GALVANISED/HOT DIP GALVANISED
/STAINLESS STEEL



WIRE MESH CABLE TRAY

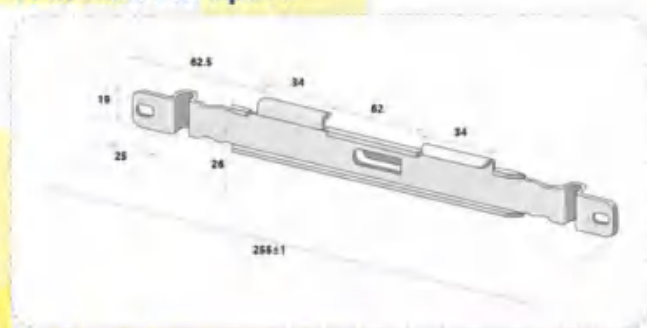
Art. No.	Width (mm)	Heigh (mm)	Length (mm)
TFM35-50	50	35	3000
TFM35-100	100	35	3000
TFM35-150	150	35	3000
TFM35-200	200	35	3000
TFM35-250	250	35	3000
TFM35-300	300	35	3000
TFM35-450	450	35	3000
TFM35-600	600	35	3000

Art. No.	Width (mm)	Heigh (mm)	Length (mm)
TFM50-50	50	50	3000
TFM50-100	100	50	3000
TFM50-150	150	50	3000
TFM50-200	200	50	3000
TFM50-250	250	50	3000
TFM50-300	300	50	3000
TFM50-450	450	50	3000
TFM50-600	600	50	3000

Art. No.	Width (mm)	Heigh (mm)	Length (mm)
TFM100-100	100	100	3000
TFM100-150	150	100	3000
TFM100-200	200	100	3000
TFM100-250	250	100	3000
TFM100-300	300	100	3000
TFM100-450	450	100	3000
TFM100-600	600	100	3000

WIRE MESH CABLE TRAY ACCESSORIES

TFM Fast Fix Splice



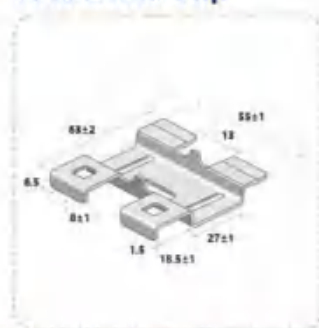
Art. No.	Length (mm)	Width (mm)	Thickness (mm)	Height (mm)
TFM WM-FFSZ	255	19	1.2	26

TFM Fast Lock



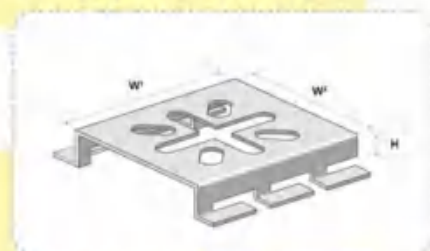
Art. No.	Thickness (mm)
TFM-FL	1.2

TFM Bend Clip



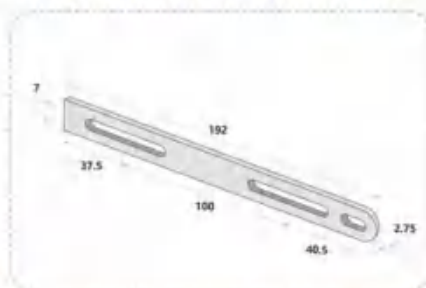
Art. No.	Thickness (mm)
TFM-BC	1.2

TFM Spider Bracket



Art. No.	Width (mm)	Thickness (mm)
TFM WM-SB	85	1.2
	91	2.0

TFM Adjustable Connector



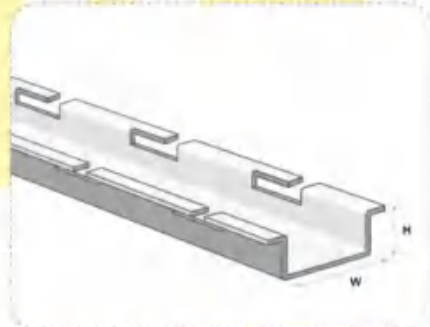
Art. No.	Length (mm)	Thickness (mm)
TFM-AC	192	2.75

TFM Hanging Hook



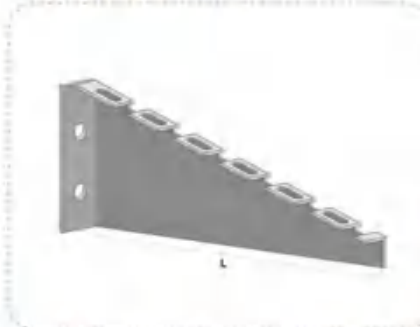
Art. No.	Thickness (mm)
TFM-CS	1.5

TFM Trapeze Support



Art. No.	Width (mm)	Length (mm)
TFM-TS50	50	150
TFM-TS100	100	200
TFM-TS150	150	250
TFM-TS200	200	300
TFM-TS250	250	350
TFM-TS300	300	400
TFM-TS450	450	550
TFM-TS600	600	700

TFM Wall Bracket



Art. No.	Width (mm)	Length (mm)
TFM-WB50	50	100
TFM-WB100	100	150
TFM-WB150	150	200
TFM-WB200	200	250
TFM-WB250	250	300
TFM-WB300	300	350
TFM-WB450	450	500
TFM-WB600	600	650

TFM Centre Hold Down Clip



Art. No.	Thickness (mm)
TFM-CHDZ	1.5

TFM T-bracket without Fasteners



Art. No.	Thickness (mm)
TFM-TBWFS	3

Heavy Duty Pipe Clamps,two side screw,zinc-plated

Coupling nut:M8,M10 and M8+10



Pipe Size (mm)	Range (mm)	Pipe Size (inch)	Band (wxt)	Art.No (without rubber)	Art.No (with rubber)	Art.No (plastic coating)
15	12-18		20x2.0	3021.015	3011.015	3071A.015
18	15-19	3/8"	20x2.0	3021.018	3011.018	3071A.018
22	20-25	1/2"	20x2.0	3021.022	3011.022	3071A.022
28	26-30	3/4"	20x2.0	3021.028	3011.028	3071A.028
35	32-36	1"	20x2.0	3021.035	3011.035	3071A.035
40	38-43	1-1/4"	20x2.0	3021.040	3011.040	3071A.040
48	47-51	1-1/2"	20x2.0	3021.048	3011.048	3071A.048
60	60-64	2"	20x2.0	3021.060	3011.060	3071A.060
75	75-80	2-1/2"	20x2.0	3021.075	3011.075	3071A.075
90	87-92	3"	20x2.0	3021.090	3011.090	3071A.090
100	99-105	3-1/2"	20x2.0	3021.100	3011.100	3071A.100
110	107-112		20x2.0	3021.110	3011.110	3071A.110
115	113-118	4"	20x2.5	3021.115	3011.115	3071A.115
125	125-130		20x2.5	3021.125	3011.125	3071A.125
133	132-137		20x2.5	3021.133	3011.133	3071A.133
140	138-142	5"	20x2.5	3021.140	3011.140	3071A.140
150	148-152		20x2.5	3021.150	3011.150	3071A.150
160	159-166	6"	20x2.5	3021.160	3011.160	3071A.160
200	200-212		20x2.5	3021.200	3011.200	3071A.200
220	215-220	8"	20x2.5	3021.220	3011.220	3071A.220

Heavy Duty Pipe Clamps,two side screw with reinforced band,zinc-plated

Coupling nut:M8,M10 and M8+10



Pipe Size (mm)	Range (mm)	Pipe Size (inch)	Band (wxt)	Art.No (without rubber)	Art.No (with rubber)	Art.No (plastic coating)
15	12-16		20x1.5	3141.015	3061.015	3071B.015
18	15-19	3/8"	20x1.5	3141.018	3061.018	3071B.018
22	20-25	1/2"	20x1.5	3141.022	3061.022	3071B.022
28	26-30	3/4"	20x1.5	3141.028	3061.028	3071B.028
35	32-36	1"	20x1.5	3141.035	3061.035	3071B.035
40	38-43	1-1/4"	20x1.5	3141.040	3061.040	3071B.040
48	47-51	1-1/2"	20x1.5	3141.048	3061.048	3071B.048
54	53-58		20x1.5	3141.054	3061.054	3071B.054
60	60-64	2"	20x1.5	3141.060	3061.060	3071B.060
75	75-80	2-1/2"	20x1.5	3141.075	3061.075	3071B.075
90	87-92	3"	20x1.5	3141.090	3061.090	3071B.090
100	99-105	3-1/2"	20x1.5	3141.100	3061.100	3071B.100
110	107-112		20x1.5	3141.110	3061.110	3071B.110
115	113-118	4"	20x1.5	3141.115	3061.115	3071B.115
125	125-130		20x1.5	3141.125	3061.125	3071B.125
133	132-137		20x1.5	3141.133	3061.133	3071B.133
142	138-142	5"	20x1.5	3141.142	3061.142	3071B.142
160	159-165	6"	20x1.5	3141.160	3061.160	3071B.160
200	198-206		20x1.5	3141.200	3061.200	3071B.200
220	215-220	8"	20x1.5	3141.220	3061.220	3071B.220

Heavy Duty Pipe Clamps,one side screw



Art. No	Pipe size (mm)	Range (mm)	Band (wxt)
3031 015B	15	11-15	20x1.2
3031 019B	18	15-19	20x1.2
3031 023B	22	21-23	20x1.2
3031 028B	28	26-28	20x1.2
3031 035B	35	32-35	20x1.2
3031 043B	40	40-43	20x1.2
3031 051B	48	48-51	20x1.2
3031 056B	54	52-56	20x1.2
3031 060B	60	57-60	20x1.2
3031 065B	63	62-65	20x1.2
3031 070B	70	63-70	20x1.5

CR-Clamp



Art. No	Clamp range (mm)	Band width (mm)
TFCR17-2	16-20	16
TFCR21-2	20.4-25	16
TFCR28-2	26.9-31.8	16
TFCR37-2	33.7-38	20
TFCR42-2	40-44.5	20
TFCR48-2	47-51	20
TFCR60-2	59.2-63.5	20
TFCR17-3	16-20	16
TFCR21-3	20.4-25	16
TFCR28-3	26.9-31.8	16
TFCR37-3	33.7-38	20
TFCR42-3	40-44.5	20
TFCR48-3	47-51	20
TFCR60-3	59.2-63.5	20

Light duty pipe clamps



Art. No	Pipe size (mm)	Band (wxt)
2031.060	60	28x0.8
2031.075	75	28x0.8
2031.090	90	28x0.8
2031.100	100	28x0.8
2031.110	110	28x0.8
2031.125	125	28x0.8
2031.160	160	28x0.8
2031.200	200	28x0.8

Double Pipe Clamps with rubber



Art. No	Pipe size (inch)	Range (mm)
2221.15	1/4"	12-15
2221.18	3/8"	16-19
2221.22	1/2"	21-23
2221.28	3/4"	26-28
2221.35	1"	32-35
2221.42	1 1/4"	40-43
2221.48	1 1/2"	44-49
2221.60	2"	60-64

C-Clamp



Art. No	Clamp range (mm)	Bolt (mm)
TFC20-2	20	6x25
TFC30-2	30	8x30
TFC45-2	45	8x30
TFC20-3	20	6x25
TFC30-3	30	8x30
TFC45-3	45	8x30

Pipe clamps with nail M7X65



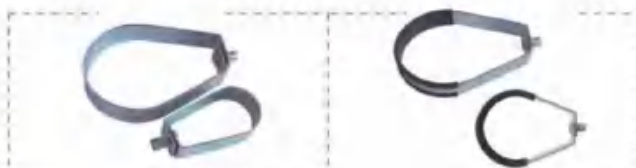
Pipe Size (mm)	Art. No (without rubber)	Art.No (with rubber)
15	2201A.015	2201B.015
18	2201A.018	2201B.018
22	2201A.022	2201B.022
28	2201A.028	2201B.028
35	2201A.035	2201B.035
42	2201A.042	2201B.042
48	2201A.048	2201B.048
54	2201A.054	2201B.054
60	2201A.060	2201B.060
70	2201A.070	2201B.070
75	2201A.075	2201B.075
83	2201A.083	2201B.083
90	2201A.090	2201B.090
100	2201A.100	2201B.100
110	2201A.110	2201B.110
115	2201A.115	2201B.115
125	2201A.125	2201B.125

Heavy Duty Pipe Clamps, all stainless steel



Pipe Size (mm)	Range (mm)	Pipe size (inch)	Band (wxt)	Art. No (without rubber)	Art.No (with rubber)
15		12-18	20X1.5	3021S.015	3011S.015
18	3/8"	15-19	20X1.5	3021S.018	3011S.018
22	1/2"	20-25	20X1.5	3021S.022	3011S.022
28	3/4"	26-30	20X1.5	3021S.028	3011S.028
35	1"	32-36	20X1.5	3021S.035	3011S.035
42	1-1/4"	38-43	20X1.5	3021S.042	3011S.042
48	1-1/2"	47-51	2.0x20	3021S.048	3011S.048
54		53-58	2.0x20	3021S.054	3011S.054
60	2"	59-63	2.0x20	3021S.060	3011S.060
75	2-1/2"	75-80	2.0x20	3021S.075	3011S.075
83		81-86	2.0x20	3021S.083	3011S.083
90	3"	87-92	2.0x20	3021S.090	3011S.090
100	3-1/2"	99-105	2.5X23	3021S.100	3011S.100
110		107-112	2.5X23	3021S.110	3011S.110

Hanger pipe clamp



Pipe Size (mm)	Pipe size (inch)	Nut	Band (wxt)	Art. No (without rubber)	Art.No (with rubber)
26	3/4"	M8	25x1.5	2117.026	2118.026
35	1"	M8	25x1.5	2117.035	2118.035
40	1 1/4"	M8	25x1.5	2117.040	2118.035
48	1 1/2"	M8	25x1.5	2117.048	2118.048
60	2"	M8	25x1.5	2117.060	2118.060
75	2 1/2"	M10	25x2.5	2117.075	2118.075
90	3"	M10	25x2.5	2117.090	2118.090
115	4"	M10	25x2.5	2117.115	2118.115
140	5"	M10	30x3.0	2117.140	2118.140
160	6"	M10	30x3.0	2117.160	2118.160

Heavy duty pipe clamp

Art No	size (mm)	Band (wxt)	bolt
3081.040	40NB	20x3	M6X30 coach bolt
3081.050	50NB	20x3	M6X30 coach bolt
3081.065	65	20x3	M6X30 coach bolt
3081.065B	65NB	20x3	M6X30 coach bolt
3081.076	76NB	20x3	M6X30 coach bolt
3081.100	100NB	25x3	M6X30 coach bolt
3081.125	125	25x3	M6X30 coach bolt
3081.165	165	25x5	M10X50 hex bolt
3081.203	203	25x5	M10X50 hex bolt
3081.250	250	25x5	M10X50 hex bolt
3081.315	315	25x5	M10X50 hex bolt

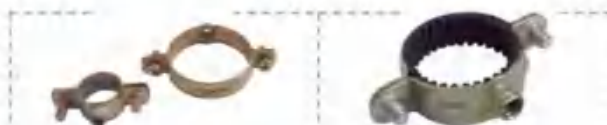


Two Ring Throat Hoop M7x 1.50



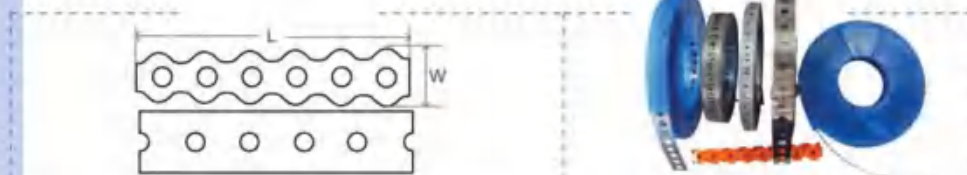
Size (mm)	Band Thickness	Art No without rubber	Art No with rubber
8-10	0.8/1.0	2021 2 10	2021 4 10
10-12	0.8/1.0	2021 2 12	2021 4 12
12-14	0.8/1.0	2021 2 14	2021 4 14
14-16	0.8/1.0	2021 2 16	2021 4 16
16-18	0.8/1.0	2021 2 18	2021 4 18
18-20	0.8/1.0	2021 2 20	2021 4 20
20-22	0.8/1.0	2021 2 22	2021 4 22
24-26	1.0/1.2	2021 2 26	2021 4 26
28-30	1.0/1.2	2021 2 30	2021 4 30
30-32	1.0/1.2	2021 2 32	2021 4 32

One Ring Throat Hoop M7x 1.50



Size (mm)	Band Thickness	without rubber Art. No.	with rubber Art. No.
6	0.8/1.0	2021 1 6	2021 3 6
8	0.8/1.0	2021 1 8	2021 3 8
10	0.8/1.0	2021 1 10	2021 3 10
12	0.8/1.0	2021 1 12	2021 3 12
14	0.8/1.0	2021 1 14	2021 3 14
16	0.8/1.0	2021 1 16	2021 3 16
18	0.8/1.0	2021 1 18	2021 3 18
20	0.8/1.0	2021 1 20	2021 3 20
22	0.8/1.0	2021 1 22	2021 3 22
24	0.8/1.0	2021 1 24	2021 3 24
28	0.8/1.0	2021 1 28	2021 3 28
30	0.8/1.0	2021 1 30	2021 3 30
32	0.8/1.2	2021 1 32	2021 3 32
34	0.8/1.2	2021 1 34	2021 3 34
36	0.8/1.2	2021 1 36	2021 3 36
40	0.8/1.2	2021 1 40	2021 3 40
42	0.8/1.2	2021 1 42	2021 3 42
45	0.8/1.2	2021 1 45	2021 3 45
47	0.8/1.2	2021 1 47	2021 3 47
50	0.8/1.2	2021 1 50	2021 3 50
52	0.8/1.2	2021 1 52	2021 3 52
54	0.8/1.2	2021 1 54	2021 3 54
56	0.8/1.2	2021 1 56	2021 3 56
58	0.8/1.2	2021 1 58	2021 3 58
60	0.8/1.2	2021 1 60	2021 3 60

ASSEMBLY BAND 13



Art No.	SIZE (mm)	BAND	PACKING	L (meter)	W (mm)	T (mm)
KYL 13 1208S	12×0.8	STRAIGHT	PVC BOX	10	12	0.80
KYL 13 1708S	17×0.8	STRAIGHT	PVC BOX	10	17	0.80
KYL 13 2010S	20×1.0	STRAIGHT	PVC BOX	10/25	20	1.00
KYL 13 2610S	26×1.0	STRAIGHT	PVC BOX	10/25	26	1.00
KYL 13 1208W	12×0.8	WAVE	PVC BOX	10	12	0.80
KYL 13 1708W	17×0.8	WAVE	PVC BOX	10	17	0.80
KYL 13 2010W	20×1.0	WAVE	PVC BOX	10/25	20	1.00
KYL 13 2610W	26×1.0	WAVE	PVC BOX	10/25	26	1.00



TF101



TF102



TF103



TF104



TF105



TF106



TF107



TF108



TF109



TF110



TF111



TF112



TF113



TF114



TF115



TF116



TF117



TF118



TF119



TF120



TF121



TF122



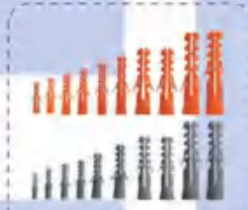
TF123



TF124



TF125



EXPANSION SCREW SERIES

TF126

SIZE:M4*20 M5*25 M6*30 M7*35
M8*40 M10*50 M10*60 M12*60
M13*75 M14*75



SCREW SETS FOR WASH BASIN

TF127

SCREW:M8*120
SCREW PLUG:M10*50



SCREW SETS FOR WASH BASIN

TF128

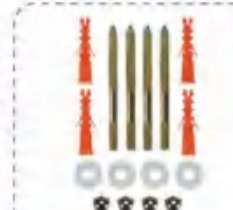
SCREW:M8*100
SCREW PLUG:M10*50



SCREW SETS FOR WATER HEATER

TF129

SCREW:M10*100
SCREW PLUG:M14*75



SCREW SETS FOR TOILET

TF130

SCREW:M6x80
SCREW PLUG:M8*40



SCREW SETS FOR TOILET

TF131

SCREW:M6x90
SCREW PLUG:M10*50



SCREW SETS FOR TOILET

TF132

SCREW:M6x80
SCREW PLUG:M8*40



SCREW SETS FOR WASH BASIN

TF133

SCREW:M10*100
SCREW PLUG:M12*60



SCREW SETS FOR WASH BASIN

TF134

SCREW:M10*120
SCREW PLUG:M14*75



SCREW SETS FOR WASH BASIN

TF135

SCREW:M10*140
SCREW PLUG:M14*75



TF136



TF137



TF138



TF139



TF140



TF141



TF142



TF143



TF144



TF145



TF146



TF147



TF148



TF149



TF150



TF151



TF152



TF153



TF154



TF155

THREAD ROD

- 1.)DIN975, ZINC-PLATED
- 2.)STAINLESS STEEL 304/316

Art No	Size (mm)	Weight (kg/1000pcs)
5021.M6	M6 x 1000	172.00
5021.M7	M7 x 1000	241.00
5021.M8	M8 x 1000	310.00
5021.M10	M10 x 1000	490.00
5021.M12	M12 x 1000	710.00
5021.M14	M14 x 1000	980.00
5021.M16	M16 x 1000	1300.00
5021.M18	M18 x 1000	1615.00
5021.M20	M20 x 1000	2053.00
5021.M22	M22 x 1000	2513.00
5021.M24	M24 x 1000	2932.00
5021.M27	M27 x 1000	3795.00
5021.M30	M30 x 1000	4646.00



NUT

- 1.)DIN 934, ZINC-PLATED
 - 2.)STAINLESS STEEL 304/316
- SIZE:M3 M4 M5 M6 M7 M8 M10
M12 M14 M16 M18 M20 M22
M24 M27 M30 M33 M36



WASHER

- 1.) DIN125A WASHER, GRADE 4.8, ZINC PLATED
 - 2.) DIN 9021 WASHER, GRADE 4.8, ZINC PLATED
- SIZE:M3 M4 M5 M6 M8 M10 M12 M14 M16 M18
M20 M22 M24



BOLT DIN933, GRADE 4.8 & 8.8, ZINC PLATED

SIZE:M5 M6 M8 M10 M12 M14 M16 M20



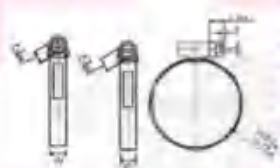
SPACER



PTFE



GM(German Middle) Type Hose Clamp



Clamp Range	Band width 9mm			Band width 12mm			WITH HANDLE		
(mm)	W1	W4	W2	W1	W4	W2	W1	W4	W2
Art No	1031	1032	1033	1041	1042	1043	1031H	1032H	1033H
8-12	1031.012	1032.012	1033.012	/	/	/	1031H.012	1032H.012	1033H.012
10-16	1031.016	1032.016	1033.016	/	/	/	1031H.016	1032H.016	1033H.016
12-22	1031.022	1032.022	1033.022	1041.022	1042.022	1043.022	1031H.022	1032H.022	1033H.022
16-25	1031.025	1032.025	1033.025	1041.025	1042.025	1043.025	1031H.025	1032H.025	1033H.025
20-32	1031.032	1032.032	1033.032	1041.032	1042.032	1043.032	1031H.032	1032H.032	1033H.032
25-40	1031.040	1032.040	1033.040	1041.040	1042.040	1043.040	1031H.040	1032H.040	1033H.040
30-45	1031.045	1032.045	1033.045	1041.045	1042.045	1043.045	1031H.045	1032H.045	1033H.045
32-50	1031.050	1032.050	1033.050	1041.050	1042.050	1043.050	1031H.050	1032H.050	1033H.050
40-60	1031.060	1032.060	1033.060	1041.060	1042.060	1043.060	1031H.060	1032H.060	1033H.060
50-70	1031.070	1032.070	1033.070	1041.070	1042.070	1043.070	1031H.070	1032H.070	1033H.070
60-80	1031.080	1032.080	1033.080	1041.080	1042.080	1043.080	1031H.080	1032H.080	1033H.080
70-90	1031.090	1032.090	1033.090	1041.090	1042.090	1043.090	1031H.090	1032H.090	1033H.090
80-100	1031.100	1032.100	1033.100	1041.100	1042.100	1043.100	1031H.100	1032H.100	1033H.100
90-110	1031.110	1032.110	1033.110	1041.110	1042.110	1043.110	1031H.110	1032H.110	1033H.110
100-120	1031.120	1032.120	1033.120	1041.120	1042.120	1043.120	1031H.120	1032H.120	1033H.120
110-130	1031.130	1032.130	1033.130	1041.130	1042.130	1043.130	1031H.130	1032H.130	1033H.130
120-140	1031.140	1032.140	1033.140	1041.140	1042.140	1043.140	1031H.140	1032H.140	1033H.140
130-150	1031.150	1032.150	1033.150	1041.150	1042.150	1043.150	1031H.150	1032H.150	1033H.150
140-160	1031.160	1032.160	1033.160	1041.160	1042.160	1043.160	1031H.160	1032H.160	1033H.160
150-170	1031.170	1032.170	1033.170	1041.170	1042.170	1043.170	1031H.170	1032H.170	1033H.170
160-180	1031.180	1032.180	1033.180	1041.180	1042.180	1043.180	1031H.180	1032H.180	1033H.180
170-190	1031.190	1032.190	1033.190	1041.190	1042.190	1043.190	1031H.190	1032H.190	1033H.190
180-200	1031.200	1032.200	1033.200	1041.200	1042.200	1043.200	1031H.200	1032H.200	1033H.200

Worm Drive Clamp



Clamp Range	Band width 9mm			Band width 12mm		
(mm)	W1	W4	W2	W1	W4	W2
Art No	1011	1012	1013	1021	1022	1023
8-12	1011.012	1012.012	1013.012	1021.012	1022.012	1023.012
10-16	1011.016	1012.016	1013.016	1021.016	1022.016	1023.016
12-22	1011.022	1012.022	1013.022	1021.022	1022.022	1023.022
16-27	1011.027	1012.027	1013.027	1021.027	1022.027	1023.027
20-32	1011.032	1012.032	1013.032	1021.032	1022.032	1023.032
25-40	1011.040	1012.040	1013.040	1021.040	1022.040	1023.040
30-45	1011.045	1012.045	1013.045	1021.045	1022.045	1023.045
35-50	1011.050	1012.050	1013.050	1021.050	1022.050	1023.050
40-60	1011.060	1012.060	1013.060	1021.060	1022.060	1023.060
50-70	1011.070	1012.070	1013.070	1021.070	1022.070	1023.070
60-80	1011.080	1012.080	1013.080	1021.080	1022.080	1023.080
70-90	1011.090	1012.090	1013.090	1021.090	1022.090	1023.090
80-100	1011.100	1012.100	1013.100	1021.100	1022.100	1023.100
90-110	1011.110	1012.110	1013.110	1021.110	1022.110	1023.110
100-120	1011.120	1012.120	1013.120	1021.120	1022.120	1023.120
110-130	1011.130	1012.130	1013.130	1021.130	1022.130	1023.130
120-140	1011.140	1012.140	1013.140	1021.140	1022.140	1023.140
130-150	1011.150	1012.150	1013.150	1021.150	1022.150	1023.150
140-160	1011.160	1012.160	1013.160	1021.160	1022.160	1023.160

W1:Steel,zinc plated

W2:Band and housing stainless steel,steel screw

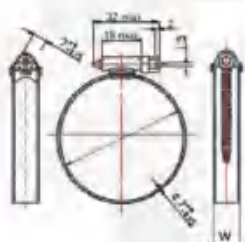
W4:All stainless steel

B(BRITISH) Type Hose Clamp



British type hose clamp			Terry type hose clamp			S(ABA)type hose clamp		
Clamp Range (mm)	W1	W4	Clamp Range (mm)	W1	W4	Clamp Range (mm)	W1	W4
Art No	1051	1052	Art No	1061	1062	Art No	1071	1072
Band width 9.7 mm			Band width 9.7 mm			Band width 9.7 mm		
10-16	1051.016	1052.016	8-12	1061.012	1062.012	8-14	1071.014	1072.014
13-19	1051.019	1052.019	11-16	1061.016	1062.016	11-17	1071.017	1072.017
16-25	1051.025	1052.025	13-20	1061.020	1062.020	13-20	1071.020	1072.020
19-29	1051.029	1052.029						
Band width 11.7 mm			Band width 11.7 mm			Band width 11.7 mm		
22-32	1051.032	1052.032	16-22	1061.022	1062.022	15-24	1071.024	1072.024
25-38	1051.038	1052.038	18-25	1061.025	1062.025	19-28	1071.028	1072.028
32-44	1051.044	1052.044	22-30	1061.030	1062.030	22-32	1071.032	1072.032
35-51	1051.051	1052.051	22-35	1061.035	1062.035	26-38	1071.038	1072.038
38-57	1051.057	1052.057	27-40	1061.040	1062.040	32-44	1071.044	1072.044
44-64	1051.064	1052.064	35-50	1061.050	1062.050	38-50	1071.050	1072.050
51-70	1051.070	1052.070	40-55	1061.055	1062.055	44-56	1071.056	1072.056
64-76	1051.076	1052.076	45-60	1061.060	1062.060	50-65	1071.065	1072.065
70-89	1051.089	1052.089	55-70	1061.070	1062.070	58-75	1071.075	1072.075
76-92	1051.092	1052.092	60-80	1061.080	1062.080	68-85	1071.085	1072.085
80-100	1051.100	1052.100	70-90	1061.090	1062.090	77-95	1071.095	1072.095
90-110	1051.110	1052.110	85-100	1061.100	1062.100	87-112	1071.112	1072.112
100-120	1051.120	1052.120	90-120	1061.120	1062.120	104-138	1071.138	1072.138
110-130	1051.130	1052.130	120-140	1061.140	1062.140	130-165	1071.165	1072.165
120-140	1051.140	1052.140	140-160	1061.160	1062.160	150-180	1071.180	1072.180
130-150	1051.150	1052.150	160-180	1061.180	1062.180	175-205	1071.205	1072.205

GM-IT(ITALY) Type Hose Clamp



Clamp Range (mm)	Band width 9.7 mm		Band width 12.7 mm	
	W4	W2	W4	W2
Art No	1332	1333	1342	1343
8-12	1332.012	1333.012	1342.012	1343.012
10-16	1332.016	1333.016	1342.016	1343.016
12-22	1332.022	1333.022	1342.022	1343.022
16-27	1332.027	1333.027	1342.027	1343.027
19-29	1332.029	1333.029	1342.029	1343.029
23-35	1332.035	1333.035	1342.035	1343.035
25-40	1332.040	1333.040	1342.040	1343.040
30-45	1332.045	1333.045	1342.045	1343.045
32-50	1332.050	1333.050	1342.050	1343.050
40-60	1332.060	1333.060	1342.060	1343.060
50-70	1332.070	1333.070	1342.070	1343.070
60-80	1332.080	1333.080	1342.080	1343.080
70-90	1332.090	1333.090	1342.090	1343.090
80-100	1332.100	1333.100	1342.100	1343.100
90-110	1332.110	1333.110	1342.110	1343.110
100-120	1332.120	1333.120	1342.120	1343.120
110-130	1332.130	1333.130	1342.130	1343.130
120-140	1332.140	1333.140	1342.140	1343.140
130-150	1332.150	1333.150	1342.150	1343.150
140-160	1332.160	1333.160	1342.160	1343.160
160-180	1332.180	1333.180	1342.180	1343.180
190-210	1332.210	1333.210	1342.210	1343.210
200-220	1332.220	1333.220	1342.220	1343.220
210-230	1332.230	1333.230	1342.230	1343.230
220-240	1332.240	1333.240	1342.240	1343.240
230-250	1332.250	1333.250	1342.250	1343.250
240-260	1332.260	1333.260	1342.260	1343.260

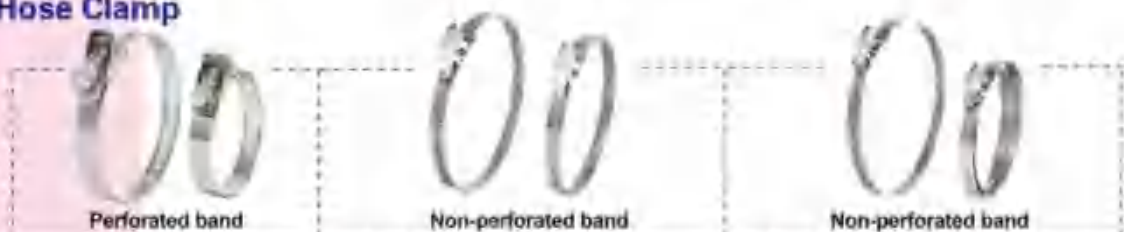
W1:Steel,zinc plated
W2:Band and housing stainless steel,steel screw
W4:All stainless steel

American) Type Hose Clamp



Clamp Range		Band width 6mm			Band width 12.7mm			WITH HANDLE		
(mm)	(inch)	W1	W4	W2	W1	W4	W2	W1	W4	W2
Art No		1081A	1082A	1083A	1081B	1082B	1083B	1081H	1082H	1083H
6-10	5/16-3/16	1081A.010	1082A.010	1083A.010	1081B.010	1082B.010	1083B.010	1081H.010	1082H.010	1083H.010
10-16	3/8-5/8	1081A.016	1082A.016	1083A.016	1081B.016	1082B.016	1083B.016	1081H.016	1082H.016	1083H.016
11-20	3/8-3/4	1081A.020	1082A.020	1083A.020	1081B.020	1082B.020	1083B.020	1081H.020	1082H.020	1083H.020
13-23	1/2-7/8	1081A.023	1082A.023	1083A.023	1081B.023	1082B.023	1083B.023	1081H.023	1082H.023	1083H.023
16-25	5/8-1	1081A.025	1082A.025	1083A.025	1081B.025	1082B.025	1083B.025	1081H.025	1082H.025	1083H.025
15-32	5/8-1 1/4	1081A.032	1082A.032	1083A.032	1081B.032	1082B.032	1083B.032	1081H.032	1082H.032	1083H.032
23-35	7/8-1 1/2	1081A.035	1082A.035	1083A.035	1081B.035	1082B.035	1083B.035	1081H.035	1082H.035	1083H.035
25-40	1-1 3/16	1081A.040	1082A.040	1083A.040	1081B.040	1082B.040	1083B.040	1081H.040	1082H.040	1083H.040
30-45	1 1/4-1 3/4	1081A.045	1082A.045	1083A.045	1081B.045	1082B.045	1083B.045	1081H.045	1082H.045	1083H.045
32-50	1 3/8-2	1081A.050	1082A.050	1083A.050	1081B.050	1082B.050	1083B.050	1081H.050	1082H.050	1083H.050
40-60	1 3/4-2 1/2	1081A.060	1082A.060	1083A.060	1081B.060	1082B.060	1083B.060	1081H.060	1082H.060	1083H.060
50-70	2-2 3/4	1081A.070	1082A.070	1083A.070	1081B.070	1082B.070	1083B.070	1081H.070	1082H.070	1083H.070
60-80	2 1/2-3 1/3	1081A.080	1082A.080	1083A.080	1081B.080	1082B.080	1083B.080	1081H.080	1082H.080	1083H.080
70-90	2 3/4-3 5/8	1081A.090	1082A.090	1083A.090	1081B.090	1082B.090	1083B.090	1081H.090	1082H.090	1083H.090
80-100	3 1/3-4	1081A.100	1082A.100	1083A.100	1081B.100	1082B.100	1083B.100	1081H.100	1082H.100	1083H.100
90-110	3 1/2-4 3/8	1081A.110	1082A.110	1083A.110	1081B.110	1082B.110	1083B.110	1081H.110	1082H.110	1083H.110
100-120	4-4 3/4	1081A.120	1082A.120	1083A.120	1081B.120	1082B.120	1083B.120	1081H.120	1082H.120	1083H.120
110-130	4 3/8-5 1/8	1081A.130	1082A.130	1083A.130	1081B.130	1082B.130	1083B.130	1081H.130	1082H.130	1083H.130
120-140	4 3/4-5 1/2	1081A.140	1082A.140	1083A.140	1081B.140	1082B.140	1083B.140	1081H.140	1082H.140	1083H.140
130-150	5 1/8-5 5/16	1081A.150	1082A.150	1083A.150	1081B.150	1082B.150	1083B.150	1081H.150	1082H.150	1083H.150
152-172	6-7	1081A.172	1082A.172	1083A.172	1081B.172	1082B.172	1083B.172	1081H.172	1082H.172	1083H.172
167-187	6 9/16-7 3/8	1081A.187	1082A.187	1083A.187	1081B.187	1082B.187	1083B.187	1081H.187	1082H.187	1083H.187
182-202	7 3/16-8	1081A.202	1082A.202	1083A.202	1081B.202	1082B.202	1083B.202	1081H.202	1082H.202	1083H.202
197-217	7 3/4-8 1/2	1081A.217	1082A.217	1083A.217	1081B.217	1082B.217	1083B.217	1081H.217	1082H.217	1083H.217
212-232	8 3/8-9 1/8	1081A.232	1082A.232	1083A.232	1081B.232	1082B.232	1083B.232	1081H.232	1082H.232	1083H.232
227-247	8 15/16-9 3/4	1081A.247	1082A.247	1083A.247	1081B.247	1082B.247	1083B.247	1081H.247	1082H.247	1083H.247
242-262	9 1/2-10 5/16	1081A.262	1082A.262	1083A.262	1081B.262	1082B.262	1083B.262	1081H.262	1082H.262	1083H.262

Quick Release Hose Clamp



Clamp Range		Band width 12.7mm			Clamp Range		Band width 9mm			Clamp Range		Band width 9mm		
(mm)	(inch)	W1	W4	W2	(mm)		W1	W4	W2	(mm)		W1	W4	W2
Art No		1091A	1091B	1091C			1096A	1096B	1096C			1094A	1094B	1094C
13-22	1 1/4	1091A.022	1091B.022	1091C.022	25-100		1096A.100	1096B.100	1096C.100	18-27		1094A.027	1094B.027	1094C.027
19-44	1 3/4	1091A.044	1091B.044	1091C.044	25-125		1096A.125	1096B.125	1096C.125	25-35		1094A.035	1094B.035	1094C.035
26-51	2	1091A.051	1091B.051	1091C.051	25-175		1096A.175	1096B.175	1096C.175	30-45		1094A.045	1094B.045	1094C.045
26-57	2 1/4	1091A.057	1091B.057	1091C.057	25-200		1096A.200	1096B.200	1096C.200	32-50		1094A.050	1094B.050	1094C.050
26-70	2 3/4	1091A.070	1091B.070	1091C.070	25-225		1096A.225	1096B.225	1096C.225	40-60		1094A.060	1094B.060	1094C.060
38-89	3 1/2	1091A.089	1091B.089	1091C.089	25-250		1096A.250	1096B.250	1096C.250	25-90		1094A.090	1094B.090	1094C.090
25-101	4	1091A.101	1091B.101	1091C.101	25-275		1096A.275	1096B.275	1096C.275	25-100		1094A.100	1094B.100	1094C.100
51-127	5	1091A.127	1091B.127	1091C.127	25-300		1096A.300	1096B.300	1096C.300	25-115		1094A.115	1094B.115	1094C.115
51-152	6	1091A.152	1091B.152	1091C.152	25-350		1096A.350	1096B.350	1096C.350	25-125		1094A.125	1094B.125	1094C.125
44-178	7	1091A.178	1091B.178	1091C.178	25-400		1096A.400	1096B.400	1096C.400	25-145		1094A.145	1094B.145	1094C.145
44-197	7 4/5	1091A.197	1091B.197	1091C.197	25-450		1096A.450	1096B.450	1096C.450	25-150		1094A.150	1094B.150	1094C.150
44-217	8 1/2	1091A.217	1091B.217	1091C.217	25-500		1096A.500	1096B.500	1096C.500	25-175		1094A.175	1094B.175	1094C.175
44-228	9	1091A.228	1091B.228	1091C.228	25-550		1096A.550	1096B.550	1096C.550	25-200		1094A.200	1094B.200	1094C.200
51-254	10	1091A.254	1091B.254	1091C.254	25-600		1096A.600	1096B.600	1096C.600	25-275		1094A.275	1094B.275	1094C.275
52-312	12	1091A.312	1091B.312	1091C.312	25-650		1096A.650	1096B.650	1096C.650	25-280		1094A.288	1094B.288	1094C.288
382-457	18	1091A.457	1091B.457	1091C.457	25-700		1096A.700	1096B.700	1096C.700	25-300		1094A.300	1094B.300	1094C.300
355-508	20	1091A.508	1091B.508	1091C.508	25-750		1096A.750	1096B.750	1096C.750	25-320		1094A.320	1094B.320	1094C.320
440-509	20	1091A.509	1091B.509	1091C.509						25-350		1094A.350	1094B.350	1094C.350

W1:Steel,zinc plated
W2:Band and housing stainless steel,steel screws
W4:All stainless steel

Robust Clamp



Clamp Range (mm)	Robust Clamp Solid Nut			Robust Clamp Double Ring	
	W1	W4	W2	W1	W4
Art No	1201A	1202A	1203A	1201	1202
17-19	1201A.019	1202A.019	1203A.019	1201.019	1202.019
20-22	1201A.022	1202A.022	1203A.022	1201.022	1202.022
23-25	1201A.025	1202A.025	1203A.025	1201.025	1202.025
25-27	1201A.027	1202A.027	1203A.027	1201.027	1202.027
26-28	1201A.028	1202A.028	1203A.028	1201.028	1202.028
29-31	1201A.031	1202A.031	1203A.031	1201.031	1202.031
30-33	1201A.033	1202A.033	1203A.033	1201.033	1202.033
32-35	1201A.035	1202A.035	1203A.035	1201.035	1202.035
36-39	1201A.039	1202A.039	1203A.039	1201.039	1202.039
38-41	1201A.041	1202A.041	1203A.041	1201.041	1202.041
40-43	1201A.043	1202A.043	1203A.043	1201.043	1202.043
44-47	1201A.047	1202A.047	1203A.047	1201.047	1202.047
48-51	1201A.051	1202A.051	1203A.051	1201.051	1202.051
52-55	1201A.055	1202A.055	1203A.055	1201.055	1202.055
56-59	1201A.059	1202A.059	1203A.059	1201.059	1202.059
60-63	1201A.063	1202A.063	1203A.063	1201.063	1202.063
64-67	1201A.067	1202A.067	1203A.067	1201.067	1202.067
68-73	1201A.073	1202A.073	1203A.073	1201.073	1202.073
74-79	1201A.079	1202A.079	1203A.079	1201.079	1202.079
76-80	1201A.080	1202A.080	1203A.080	1201.080	1202.080
80-85	1201A.085	1202A.085	1203A.085	1201.085	1202.085
81-87	1201A.087	1202A.087	1203A.087	1201.087	1202.087
86-91	1201A.091	1202A.091	1203A.091	1201.091	1202.091
92-97	1201A.097	1202A.097	1203A.097	1201.097	1202.097
98-103	1201A.103	1202A.103	1203A.103	1201.103	1202.103
100-108	1201A.108	1202A.108	1203A.108	1201.108	1202.108
104-112	1201A.112	1202A.112	1203A.112	1201.112	1202.112
113-121	1201A.121	1202A.121	1203A.121	1201.121	1202.121
122-130	1201A.130	1202A.130	1203A.130	1201.130	1202.130
131-139	1201A.139	1202A.139	1203A.139	1201.139	1202.139
140-148	1201A.148	1202A.148	1203A.148	1201.148	1202.148
149-161	1201A.161	1202A.161	1203A.161	1201.161	1202.161
160-170	1201A.170	1202A.170	1203A.170	1201.170	1202.170
162-174	1201A.174	1202A.174	1203A.174	1201.174	1202.174
175-187	1201A.187	1202A.187	1203A.187	1201.187	1202.187
188-200	1201A.200	1202A.200	1203A.200	1201.200	1202.200
195-210	1201A.210	1202A.210	1203A.210	1201.210	1202.210
201-213	1201A.213	1202A.213	1203A.213	1201.213	1202.213
205-220	1201A.220	1202A.220	1203A.220	1201.220	1202.220
214-226	1201A.226	1202A.226	1203A.226	1201.226	1202.226
220-235	1201A.235	1202A.235	1203A.235	1201.235	1202.235
227-239	1201A.239	1202A.239	1203A.239	1201.239	1202.239
240-252	1201A.252	1202A.252	1203A.252	1201.252	1202.252

W1:Steel,zinc plated
W2:Band and housing stainless steel,steel screw
W4:All stainless steel

Power Robust Clamp



Double type				Single type			
Clamp Range (mm)	W1	W4	W5	Clamp Range (mm)	W1	W4	W5
Art No	1211A	1211B	1211C	Art No	1212A	1212B	1212C
35-45	1211A.045	1211B.045	1211C.045	17-19	1212A.019	1212B.019	1212C.019
46-50	1211A.050	1211B.050	1211C.050	20-22	1212A.022	1212B.022	1212C.022
45-55	1211A.055	1211B.055	1211C.055	23-25	1212A.025	1212B.025	1212C.025
50-60	1211A.060	1211B.060	1211C.060	26-28	1212A.028	1212B.028	1212C.028
55-65	1211A.065	1211B.065	1211C.065	29-31	1212A.031	1212B.031	1212C.031
60-70	1211A.070	1211B.070	1211C.070	32-35	1212A.035	1212B.035	1212C.035
65-75	1211A.075	1211B.075	1211C.075	35-40	1212A.040	1212B.040	1212C.040
70-80	1211A.080	1211B.080	1211C.080	35-39	1212A.039	1212B.039	1212C.039
75-85	1211A.085	1211B.085	1211C.085	40-45	1212A.045	1212B.045	1212C.045
80-90	1211A.090	1211B.090	1211C.090	44-47	1212A.047	1212B.047	1212C.047
85-95	1211A.095	1211B.095	1211C.095	45-50	1212A.050	1212B.050	1212C.050
90-100	1211A.100	1211B.100	1211C.100	48-51	1212A.051	1212B.051	1212C.051
95-105	1211A.105	1211B.105	1211C.105	50-55	1212A.055	1212B.055	1212C.055
100-110	1211A.110	1211B.110	1211C.110	55-60	1212A.060	1212B.060	1212C.060
105-115	1211A.115	1211B.115	1211C.115	55-59	1212A.059	1212B.059	1212C.059
120-130	1211A.130	1211B.130	1211C.130	60-65	1212A.065	1212B.065	1212C.065
125-135	1211A.135	1211B.135	1211C.135	64-67	1212A.067	1212B.067	1212C.067
130-140	1211A.140	1211B.140	1211C.140	65-70	1212A.070	1212B.070	1212C.070
135-145	1211A.145	1211B.145	1211C.145	68-73	1212A.073	1212B.073	1212C.073
140-150	1211A.150	1211B.150	1211C.150	75-80	1212A.080	1212B.080	1212C.080
155-165	1211A.165	1211B.165	1211C.165	80-85	1212A.085	1212B.085	1212C.085
160-170	1211A.170	1211B.170	1211C.170	85-90	1212A.090	1212B.090	1212C.090
170-180	1211A.180	1211B.180	1211C.180	86-91	1212A.091	1212B.091	1212C.091
200-210	1211A.210	1211B.210	1211C.210	90-95	1212A.095	1212B.095	1212C.095
210-220	1211A.220	1211B.220	1211C.220	92-97	1212A.097	1212B.097	1212C.097
220-230	1211A.230	1211B.230	1211C.230	95-100	1212A.100	1212B.100	1212C.100
230-240	1211A.240	1211B.240	1211C.240	95-103	1212A.103	1212B.103	1212C.103
250-260	1211A.260	1211B.260	1211C.260	100-105	1212A.105	1212B.105	1212C.105
270-280	1211A.280	1211B.280	1211C.280	104-112	1212A.112	1212B.112	1212C.112
290-300	1211A.300	1211B.300	1211C.300	105-110	1212A.110	1212B.110	1212C.110

Rubber Clamp

Size (mm)	Band width 12mm		Band width 15mm		Band width 20mm	
	W1	W4	W1	W4	W1	W4
Art No	121121	121122	151121	151122	201121	201122
8	121121.008	121122.008	151121.008	151122.008	201121.008	201122.008
10	121121.010	121122.010	151121.010	151122.010	201121.010	201122.010
12	121121.012	121122.012	151121.012	151122.012	201121.012	201122.012
14	121121.014	121122.014	151121.014	151122.014	201121.014	201122.014
15	121121.015	121122.015	151121.015	151122.015	201121.015	201122.015
16	121121.016	121122.016	151121.016	151122.016	201121.016	201122.016
18	121121.018	121122.018	151121.018	151122.018	201121.018	201122.018
20	121121.020	121122.020	151121.020	151122.020	201121.020	201122.020
22	121121.022	121122.022	151121.022	151122.022	201121.022	201122.022
24	121121.024	121122.024	151121.024	151122.024	201121.024	201122.024
25	121121.025	121122.025	151121.025	151122.025	201121.025	201122.025
26	121121.026	121122.026	151121.026	151122.026	201121.026	201122.026
28	121121.028	121122.028	151121.028	151122.028	201121.028	201122.028
30	121121.030	121122.030	151121.030	151122.030	201121.030	201122.030
32	121121.032	121122.032	151121.032	151122.032	201121.032	201122.032
34	121121.034	121122.034	151121.034	151122.034	201121.034	201122.034
36	121121.036	121122.036	151121.036	151122.036	201121.036	201122.036
38	121121.038	121122.038	151121.038	151122.038	201121.038	201122.038
40	121121.040	121122.040	151121.040	151122.040	201121.040	201122.040
42	121121.042	121122.042	151121.042	151122.042	201121.042	201122.042
44	121121.044	121122.044	151121.044	151122.044	201121.044	201122.044
46	121121.046	121122.046	151121.046	151122.046	201121.046	201122.046
48	121121.048	121122.048	151121.048	151122.048	201121.048	201122.048
50	121121.050	121122.050	151121.050	151122.050	201121.050	201122.050
52	121121.052	121122.052	151121.052	151122.052	201121.052	201122.052
54	121121.054	121122.054	151121.054	151122.054	201121.054	201122.054
56	121121.056	121122.056	151121.056	151122.056	201121.056	201122.056
58	121121.058	121122.058	151121.058	151122.058	201121.058	201122.058
60	121121.060	121122.060	151121.060	151122.060	201121.060	201122.060
62	121121.062	121122.062	151121.062	151122.062	201121.062	201122.062
64	121121.064	121122.064	151121.064	151122.064	201121.064	201122.064
66	121121.066	121122.066	151121.066	151122.066	201121.066	201122.066
68	121121.068	121122.068	151121.068	151122.068	201121.068	201122.068
70	121121.070	121122.070	151121.070	151122.070	201121.070	201122.070
72	121121.072	121122.072	151121.072	151122.072	201121.072	201122.072



W1:Steel/zinc plated
W4:All stainless steel 301/304
W5:All stainless steel 316

Super Clamp



Clamp Range	T-spring super clamp			T-bolt super clamp		
(mm)	W1	W4	W2	W1	W4	W2
Art No	1093A	1093B	1093C	1092A	1092B	1092C
34-40	1093A.040	1093B.040	1093C.040	1092A.040	1092B.040	1092C.040
40-46	1093A.046	1093B.046	1093C.046	1092A.046	1092B.046	1092C.046
43-49	1093A.049	1093B.049	1093C.049	1092A.049	1092B.049	1092C.049
46-52	1093A.052	1093B.052	1093C.052	1092A.052	1092B.052	1092C.052
51-57	1093A.057	1093B.057	1093C.057	1092A.057	1092B.057	1092C.057
58-65	1093A.065	1093B.065	1093C.065	1092A.065	1092B.065	1092C.065
63-70	1093A.070	1093B.070	1093C.070	1092A.070	1092B.070	1092C.070
67-75	1093A.075	1093B.075	1093C.075	1092A.075	1092B.075	1092C.075
70-78	1093A.078	1093B.078	1093C.078	1092A.078	1092B.078	1092C.078
72-80	1093A.080	1093B.080	1093C.080	1092A.080	1092B.080	1092C.080
73-81	1093A.081	1093B.081	1093C.081	1092A.081	1092B.081	1092C.081
76-84	1093A.084	1093B.084	1093C.084	1092A.084	1092B.084	1092C.084
77-85	1093A.085	1093B.085	1093C.085	1092A.085	1092B.085	1092C.085
79-87	1093A.087	1093B.087	1093C.087	1092A.087	1092B.087	1092C.087
83-90	1093A.090	1093B.090	1093C.090	1092A.090	1092B.090	1092C.090
86-94	1093A.094	1093B.094	1093C.094	1092A.094	1092B.094	1092C.094
87-95	1093A.095	1093B.095	1093C.095	1092A.095	1092B.095	1092C.095
89-97	1093A.097	1093B.097	1093C.097	1092A.097	1092B.097	1092C.097
92-100	1093A.100	1093B.100	1093C.100	1092A.100	1092B.100	1092C.100
95-103	1093A.103	1093B.103	1093C.103	1092A.103	1092B.103	1092C.103
95-106	1093A.106	1093B.106	1093C.106	1092A.106	1092B.106	1092C.106
102-109	1093A.109	1093B.109	1093C.109	1092A.109	1092B.109	1092C.109
103-110	1093A.110	1093B.110	1093C.110	1092A.110	1092B.110	1092C.110
105-113	1093A.113	1093B.113	1093C.113	1092A.113	1092B.113	1092C.113
107-115	1093A.115	1093B.115	1093C.115	1092A.115	1092B.115	1092C.115
108-116	1093A.116	1093B.116	1093C.116	1092A.116	1092B.116	1092C.116
111-119	1093A.119	1093B.119	1093C.119	1092A.119	1092B.119	1092C.119
112-120	1093A.120	1093B.120	1093C.120	1092A.120	1092B.120	1092C.120
114-122	1093A.122	1093B.122	1093C.122	1092A.122	1092B.122	1092C.122
130-138	1093A.138	1093B.138	1093C.138	1092A.138	1092B.138	1092C.138
132-140	1093A.140	1093B.140	1093C.140	1092A.140	1092B.140	1092C.140
138-146	1093A.146	1093B.146	1093C.146	1092A.146	1092B.146	1092C.146
140-148	1093A.148	1093B.148	1093C.148	1092A.148	1092B.148	1092C.148
152-160	1093A.160	1093B.160	1093C.160	1092A.160	1092B.160	1092C.160
155-164	1093A.164	1093B.164	1093C.164	1092A.164	1092B.164	1092C.164
182-190	1093A.190	1093B.190	1093C.190	1092A.190	1092B.190	1092C.190
184-192	1093A.192	1093B.192	1093C.192	1092A.192	1092B.192	1092C.192
187-195	1093A.195	1093B.195	1093C.195	1092A.195	1092B.195	1092C.195

Mini Hose Clamp

Clamp Range	Art No	
(mm)	W1	W4
Art No	1111	1112
6-8	1111.008	1112.008
7-9	1111.009	1112.009
8-10	1111.010	1112.010
9-11	1111.011	1112.011
10-12	1111.012	1112.012
12-14	1111.014	1112.014
14-16	1111.016	1112.016
16-18	1111.018	1112.018
18-20	1111.020	1112.020
20-22	1111.022	1112.022
22-24	1111.024	1112.024
25-28	1111.028	1112.028
28-31	1111.031	1112.031



30M Hose Clamp

Art. No	Band width x thickness	Length
	(mm)	(m)
TF30L	9x0.6	30

Perforated Band Endless Hose Clamp

Art No	Band Width	Length
	(mm)	(mm)
1252	8.0	3000
1254	12.7	3000



Sewage Pipe Clamp Assembly

TYPE A			TYPE B			TYPE C			TYPE D			TYPE E			TYPE F		
ART NO	SIZE		ART NO	SIZE		ART NO	SIZE		ART NO	SIZE		ART NO	SIZE		ART NO	SIZE	
	(mm)	(inch)		(mm)	(inch)		(mm)	(inch)		(mm)	(inch)		(mm)	(inch)		(mm)	(inch)
1292A.040	40	1 1/2	1292B.040	40	1 1/2	1292C.050	50	2	1292D.504	50*40	2*1 1/2	1292E.050	50	2	1292E.100	100	4
1292A.050	50	2	1292B.050	50	2	1292C.075	75	3	1292D.755	75*50	3*2	1292E.075	75	3	1292E.125	125	5
1292A.075	75	3	1292B.075	75	3	1292C.100	100	4	1292D.100	100*50	4*2	1292E.100	100	4	1292E.150	150	6
1292A.100	100	4	1292B.100	100	4	1292C.125	125	5	1292D.175	100*75	4*3	1292E.125	125	5	1292E.200	200	8
1292A.125	125	5	1292B.125	125	5	1292C.150	150	6									
1292A.150	150	6	1292B.150	150	6	1292C.200	200	8									
1292A.200	200	8	1292B.200	200	8	1292C.250	250	10									
1292A.250	250	10				1292C.300	300	12									
1292A.300	300	12															
1292A.380	380	15															

Double Wire Clamp

Clamp Range	WITH HANDLE			
(mm)	W1	W4	W1	W1
Art No	1131	1132	1131H	1132H
11-14	1131.014	1132.014	1131H.014	1132H.014
13-16	1131.016	1132.016	1131H.016	1132H.016
15-18	1131.018	1132.018	1131H.018	1132H.018
17-20	1131.020	1132.020	1131H.020	1132H.020
19-22	1131.022	1132.022	1131H.022	1132H.022
20-24	1131.024	1132.024	1131H.024	1132H.024
22-26	1131.026	1132.026	1131H.026	1132H.026
24-28	1131.028	1132.028	1131H.028	1132H.028
35-40	1131.040	1132.040	1131H.040	1132H.040
42-46	1131.046	1132.046	1131H.046	1132H.046
47-52	1131.052	1132.052	1131H.052	1132H.052
55-60	1131.060	1132.060	1131H.060	1132H.060
60-65	1131.065	1132.065	1131H.065	1132H.065
70-75	1131.075	1132.075	1131H.075	1132H.075
75-80	1131.080	1132.080	1131H.080	1132H.080
85-90	1131.090	1132.090	1131H.090	1132H.090
90-95	1131.095	1132.095	1131H.095	1132H.095
95-100	1131.100	1132.100	1131H.100	1132H.100

Double Ear Clamp

Clamp Range	Band Width	W1	W4
(mm)	(mm)		
Art No		1281	1282
3-5	6.0	1281.005	1282.005
5-7	6.0	1281.007	1282.007
7-9	7.0	1281.009	1282.009
9-11	7.0	1281.011	1282.011
11-13	7.0	1281.013	1282.013
13-15	7.5	1281.015	1282.015
15-18	7.5	1281.018	1282.018
17-20	7.5	1281.020	1282.020
20-23	9.0	1281.023	1282.023
21-25	9.0	1281.025	1282.025
23-27	9.0	1281.027	1282.027
25-28	9.0	1281.028	1282.028
28-31	9.5	1281.031	1282.031
31-34	9.5	1281.034	1282.034
34-37	9.5	1281.037	1282.037
37-40	10.0	1281.040	1282.040
40-43	10.0	1281.043	1282.043
43-46	10.0	1281.046	1282.046

Single ear hose clamp

Clamp Range	Band Width	Art No
SIZE	(mm)	W4
(mm)		1291
6.0-7.0	5.0	1291.070
7.0-8.7	5.0	1291.087
7.8-9.5	5.0	1291.095
8.8-10.5	5.0	1291.105
9.4-11.9	7.0	1291.119
9.8-12.3	7.0	1291.123
10.3-12.8	7.0	1291.128
10.8-13.3	7.0	1291.133
11.3-13.8	7.0	1291.138
11.5-14.0	7.0	1291.140
12.0-14.5	7.0	1291.145
12.3-14.8	7.0	1291.148
12.8-15.3	7.0	1291.153
13.2-15.7	7.0	1291.157
13.7-16.2	7.0	1291.162
14.1-16.6	7.0	1291.166
14.3-16.8	7.0	1291.168
14.5-17.0	7.0	1291.170
15.0-17.5	7.0	1291.175
14.5-17.8	7.0	1291.178
14.8-18.0	7.0	1291.180
15.3-18.5	7.0	1291.185
16.0-19.2	7.0	1291.192
16.6-19.8	7.0	1291.198
17.8-21.0	7.0	1291.210
19.4-22.6	7.0	1291.226
20.3-23.5	7.0	1291.235
20.9-24.1	7.0	1291.241
22.4-25.6	7.0	1291.256
23.9-27.1	7.0	1291.271
25.4-28.6	7.0	1291.286
26.9-30.1	7.0	1291.301
27.6-30.8	7.0	1291.308
28.4-31.6	7.0	1291.316
29.9-33.1	7.0	1291.331
31.4-34.5	7.0	1291.345
32.9-36.1	7.0	1291.361
34.4-37.6	7.0	1291.376
34.9-38.1	7.0	1291.381
36.4-39.6	7.0	1291.396
37.8-41.0	7.0	1291.410
39.3-42.5	7.0	1291.425
40.8-44.0	7.0	1291.440
42.3-45.5	7.0	1291.455
43.6-47.0	7.0	1291.470
45.3-48.5	7.0	1291.485
46.8-50.0	7.0	1291.500

W1:Steel,zinc plated
W4:All stainless steel

WOOD CONNECTOR TYPE KYL 01 02 03

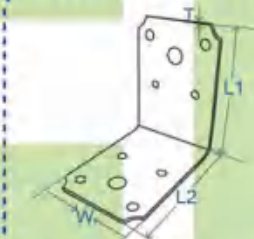
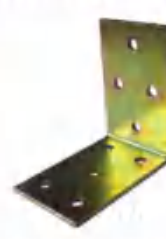
KYL 01



KYL 02



KYL 03



L1=40,50,60,65,70,80,85,90,100,105,125,150

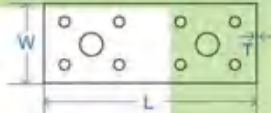
L2=40,50,60,65,70,80,85,90,100,105,125,150

W=20,25,30,35,40,50,55,60,65,80,90,100

T=2.0,2.5,3.0

ANCHOR PLATE TYPE KYL 06

KYL 06



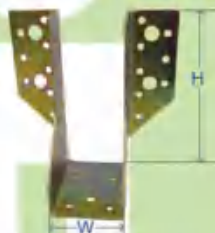
L=35,40,55,60,65,80,100,
120,140,160,200,240

W=20,40,50,60,80,95,100,
120,140,160,180,200

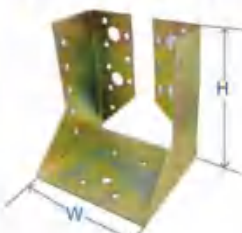
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JOIST HANGER TYPE KYL 07 08 09 10

KYL 07



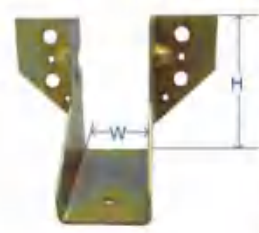
KYL 08



KYL 09



KYL 10



H=93,105,110,120,125,130,135,140,145,155,160,180

W=30,38,45,51,61,71,75,80,100,120,140,150

T=1.5,2.0

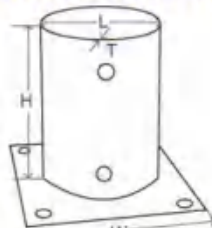
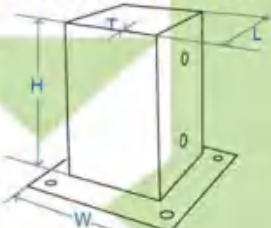
POLE HOLDER TYPE KYL 15

KYL 15



POLE HOLDER TYPE KYL 16

KYL 16



L=71,91,101,121,141,161,201

H=150,200

W=150,180,200,220,240

T=2.0,2.5

L=71,91,101,121,141,161,201

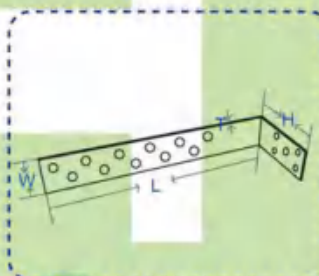
H=150,200

W=150,180,200,220,240

T=2.0,2.5

ANCHOR BRACKET TYPE KYL 05

KYL 05

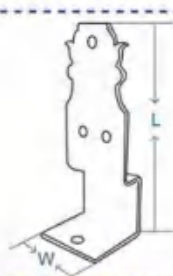


L=180,200,580
H=40
W=20,40
T=2.0



WOOD CONNECTOR KYL 27

KYL 27

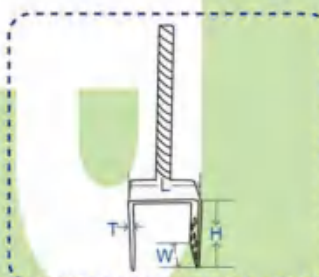


L=200 W=70 T=4.0



U POST SHOE TYPE KYL 18

KYL 18

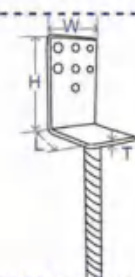


L=71,81,91,101,121,141
H=100
W=60
T=50



L POST SHOE TYPE KYL 19

KYL 19

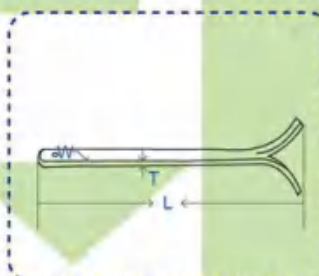


L=71,81,91,101,121,141
H=100
W=60
T=50



Y POST SHOE TYPE KYL 20

KYL 20

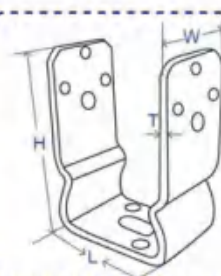


L=400,500
W=30,40
T=6.0,8.0



POST SHOE TYPE KYL 21

KYL 21

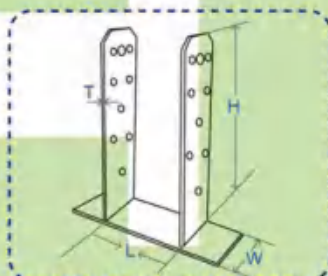


L=71,81,90,101,121
H=150
W=60
T=6.0



POST SHOE TYPE KYL 22

KYL 22



L=71,81,91,101,121,141

H=200

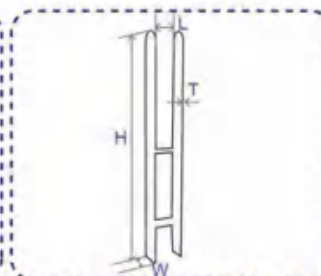
W=60

T=5.0



POST SHOE TYPE KYL 23

KYL 23



L=71,81,91,101,121,141

H=600

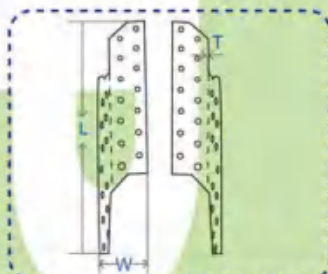
W=60

T=6.0



POST SUPPORT TYPE KYL 11

KYL 11



L=170,210,250,290,330,370

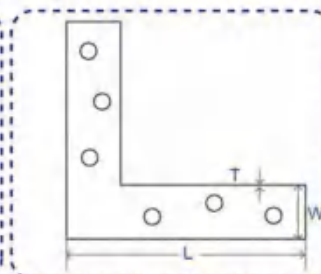
W=35

T=2.0



POST SUPPORT TYPE KYL 12

KYL 12



L=40,50,60,75,80,100,150,200,250,300

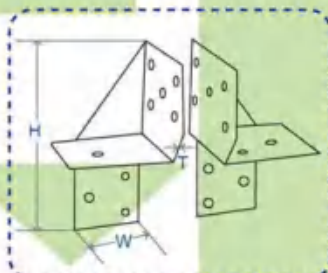
W=10,12,15,18,25,30,40

T=1.0,2.0,2.5,4.0



POST SUPPORT TYPE KYL 13

KYL 13



H=100,130

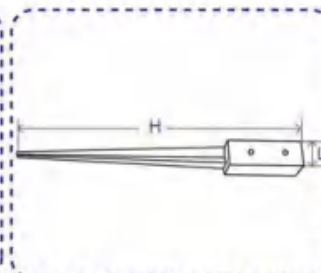
W=62

T=2.5



POLE ANCHOR TYPE KYL 14

KYL 14



L=51,71,91,101,121

H=600,650,750,900

T=2.0,2.5





KYL 28



KYL 29



KYL 30



KYL 31



KYL 32

KYL 33



KYL 34



KYL 35



KYL 36



KYL 37



KYL 38



KYL 39



KYL 40



KYL 41



KYL 42



KYL 43



KYL 44



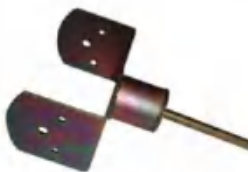
KYL 45



KYL 46



KYL 47



KYL 48



KYL 49

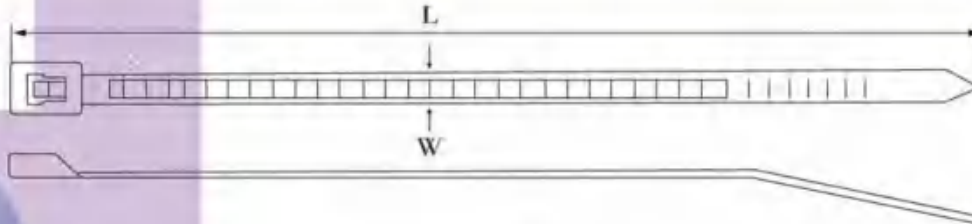


SELF-LOCKING NYLON CABLE TIE

Material: Nylon 66, 94v-2 certificated by UL. Heat-resisting, erosion control, insulate well

Operating Temperature: -40 °C to 85 °C

Color: Natural (or white, standard color), UV black and other colors are available as requested

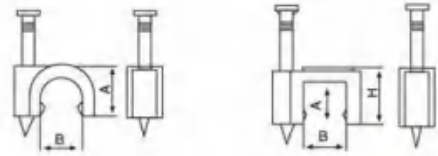


ITEM NO.	L		W	BUNDLE DIAMETER	MIN. LOOP TENSILE STRENGTH	
	INCH	MM	(mm)		LBS	KGS
XLS-2.5x60	2 3/8"	60	2.5	2-11	18	8
XLS-2.5x80	3 3/20"	80	2.5	2-16	18	8
XLS-2.5x100	4"	100	2.5	2-22	18	8
XLS-2.5x120	4 3/4"	120	2.5	2-30	18	8
XLS-2.5x150	6"	150	2.5	2-35	18	8
XLS-2.5x160	6 1/8"	160	2.5	2-40	18	8
XLS-2.5x200	8"	200	2.5	2-50	18	8
XLS-3.5x140	5 1/2"	140	3.5	3-33	40	18
XLS-3.5x150	6"	150	3.5	3-35	40	18
XLS-3.5x180	7"	180	3.5	3-42	40	18
XLS-3.5x200	8"	200	3.5	3-50	40	18
XLS-3.5x250	10"	250	3.5	3-65	40	18
XLS-3.5x280	11"	280	3.5	3-70	40	18
XLS-3.5x300	11 5/8"	300	3.5	3-80	40	18
XLS-3.5x370	14 1/2"	370	3.5	3-102	40	18
XLS-4.8x120	4 3/4"	120	4.8	3-24	50	22
XLS-4.8x180	7"	180	4.8	3-42	50	22
XLS-4.8x190	7 1/2"	190	4.8	3-46	50	22
XLS-4.8x200	8"	200	4.8	3-50	50	22
XLS-4.8x250	10"	250	4.8	3-65	50	22
XLS-4.8x280	11"	280	4.8	3-70	50	22
XLS-4.8x300	11 5/8"	300	4.8	3-82	50	22
XLS-4.8x350	13 3/4"	350	4.8	3-90	50	22
XLS-4.8x380	15"	380	4.8	3-102	50	22
XLS-4.8x400	15 3/4"	400	4.8	3-105	50	22
XLS-4.8x430	17"	430	4.8	3-110	50	22
XLS-4.8x450	17 3/4"	450	4.8	3-130	50	22
XLS-7.2x150	6"	150	7.2	3-33	120	55
XLS-7.2x180	7"	180	7.2	3-42	120	55
XLS-7.2x200	8"	200	7.2	3-50	120	55
XLS-7.2x250	10"	250	7.2	4-63	120	55
XLS-7.2x300	11 5/8"	300	7.2	4-82	120	55
XLS-7.2x350	13 3/4"	350	7.2	4-90	120	55
XLS-7.2x400	15 3/4"	400	7.2	4-105	120	55
XLS-7.2x450	17 3/4"	450	7.2	4-118	120	55
XLS-7.2x500	19 11/16"	500	7.2	4-150	120	55
XLS-9x550	21 11/16"	550	9.0	8-160	175	80
XLS-9x650	25 9/16"	650	9.0	8-190	175	80
XLS-9x760	30"	760	9.0	10-225	175	80
XLS-9x920	36 1/4"	920	9.0	10-265	175	80
XLS-9x1020	40 1/8"	1020	9.0	10-295	175	80
XLS-9x450	17 3/4"	450	10.0	10-125	200	91
XLS-9x500	19 11/16"	500	10.0	12-150	200	91
XLS-9x600	23 2/3"	600	10.0	12-175	200	91
XLS-9x700	27 1/2"	700	10.0	12-205	200	91
XLS-12x650	25 9/16"	650	12.0	14-190	250	114
XLS-12x750	29 13/25"	750	12.0	10-220	250	114



NAIL CLIPS

PE (white, grey), elasticity and shock resisting
Inserting type, nail attached in clips
Save time and cost



CIRCLE NAIL CLIPS

ITEM NO.	H	D	NAIL	PACKING
	(mm)	(mm)		
XLS-3.5MM	4.5	3.5	1.7×15	100 PCS
XLS-4MM	5.3	4.0	1.7×15	
XLS-5MM	6.3	5.0	1.7×15	
XLS-6MM	7.4	6.0	1.85×16	
XLS-7MM	8.4	7.0	1.85×18	
XLS-8MM	9.4	8.0	1.95×19	
XLS-9MM	10.4	9.0	2.05×22	
XLS-10MM	11.4	10.0	2.3×23	
XLS-12MM	13.4	12.0	2.3×25	
XLS-14MM	16.4	14.0	2.35×28	
XLS-16MM	17.7	16.0	2.35×32	
XLS-18MM	19.7	18.0	2.6×38	
XLS-20MM	22.2	20.0	2.7×40	
XLS-22MM	25.0	22.0	2.9×43	
XLS-25MM	27.7	25.0	3.2×50	
XLS-30MM	33.1	30.0	3.2×53	
XLS-32MM	35.6	32.0	3.5×55	
XLS-35MM	36.6	35.0	3.5×60	
XLS-40MM	45.2	40.0	3.5×65	



FLAT NAIL CLIPS

ITEM NO.	H	(mm)		NAIL	PACKING
	(mm)				
XLS-4MM	6.0	3.8	4	1.7×15	100 PCS
XLS-5MM	6.0	3.8	5	1.7×15	
XLS-6MM	6.5	4.1	6	1.7×17	
XLS-7MM	7.0	4.7	7	1.9×18	
XLS-8MM	7.5	5.0	8	2.05×19	
XLS-9MM	8.2	5.4	9	2.05×22	
XLS-10MM	8.6	5.7	10	2.32×23	
XLS-12MM	9.0	6.1	12	2.32×25	
XLS-14MM	11.0	8.0	14	2.32×25	



COAXIAL NAIL CLIPS

ITEM NO.	H	NAIL	PACKING
	(mm)		
NC-0607	6-7	2.0×20	100 PCS
NC-0810	8-10	2.0×25	
NC-1115	11-15	2.0×35	
NC-1619	16-19	2.5×40	



SOLAR MOUNTING SYSTEM

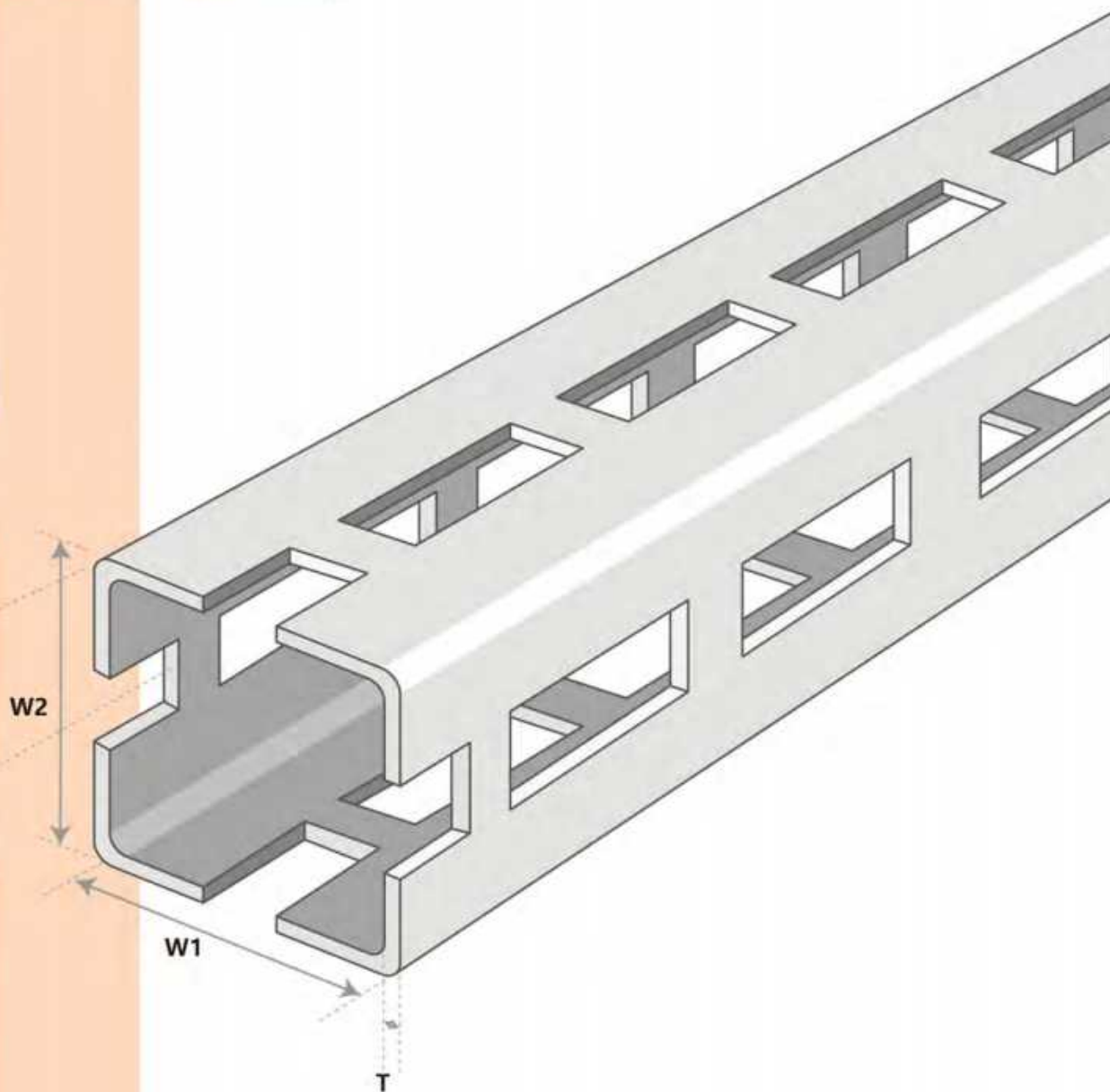
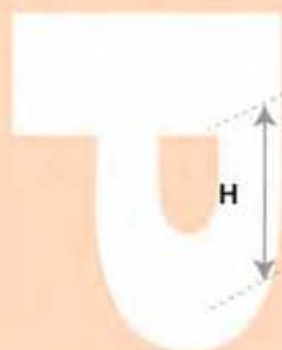


SOLAR MOUNTING SYSTEM



MODULAR SUPPORT SYSTEM

FINISH: HOT DIP GALVANISED / PLAIN

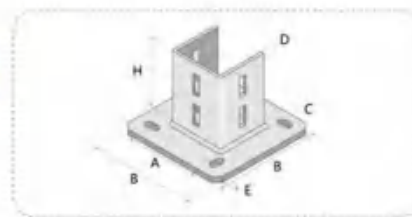


PERFORATED TUBE

Art.No.	Length	W1	W2	H	T	Slot Size	Slot Spacing
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
TFSPS50	6,000	50	50	25	3	46x12	56
TFSPS80	6,000	75	75	37.5	3	65x15.5	80
TFSPS100	6,000	100	100	50	3	65x15.5	80

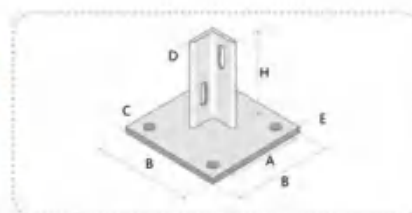
BASE PLATE

Art.No.	A	B	C	D	E	H	Slots
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
TFSPS80-2072	130	200	18x27	6	10	150	40x15.5
TFSPS100-2072	150	220	18x27	6	12	150	40x15.5



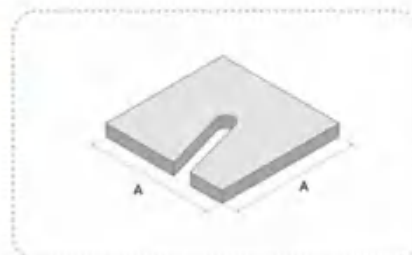
INTERNAL BASE PLATE

Art.No.	A	B	C	D	E	H	Slots
	(mm)	(mm)	(ϕ)	(mm)	(mm)	(mm)	(mm)
TFSPS50-2072	108	150	14	6	10	150	12x40



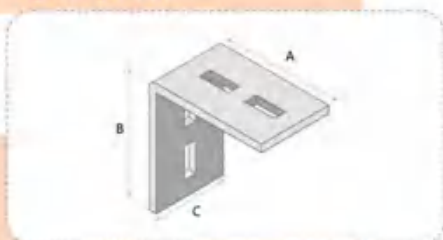
REINFORCEMENT WASHER

Art.No.	A	Thickness	Slot Width
	(mm)	(mm)	(mm)
TFSPS50-1064	50	10	12
TFSPS80-1064	75	10	14
TFSPS100-1064	100	10	14



ANGLE BRACKET

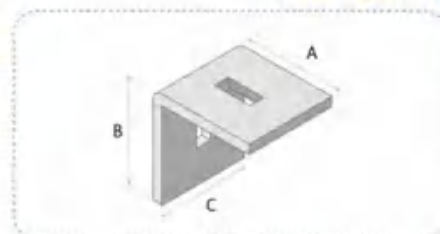
1325 Series



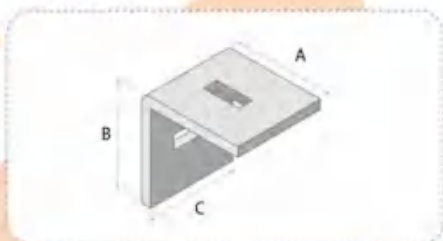
Art.No.	A	B	C	Thickness	Slots
	(mm)	(mm)	(mm)	(mm)	(mm)
TFSPS50-1325	150	150	40	6	40x12
TFSPS80-1325	150	150	65	10	40x15.5
TFSPS100-1325	150	150	90	10	40x15.5

1026 Series

Art.No.	A	B	C	Thickness	Slots
	(mm)	(mm)	(mm)	(mm)	(mm)
TFSPS50-1026	75	75	40	6	40x12
TFSPS80-1026	100	100	65	10	40x15.5
TFSPS100-1026	100	100	90	10	40x15.5



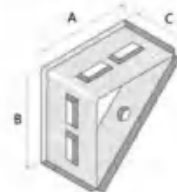
1068 Series



Art.No.	A	B	C	Thickness	Slots
	(mm)	(mm)	(mm)	(mm)	(mm)
TFSPS50-1068	75	50	75	6	40x12
TFSPS80-1068	100	75	65	10	40x15.5
TFSPS100-1068	100	100	90	10	40x15.5

ANGLE BRACKET WITH GUSSET

Art.No.	A	B	C	Thickness	Slots
	(mm)	(mm)	(mm)	(mm)	(mm)
TFSPS50-2484	150	150	40	6	40x12
TFSPS80-2484	150	150	65	10	40x15.5
TFSPS100-2484	150	150	90	10	40x15.5



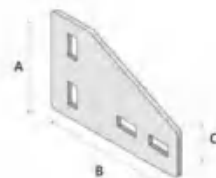
T-PLATE

Art.No.	A	B	C	Thickness	Slots
	(mm)	(mm)	(mm)	(mm)	(mm)
TFSPS80-1358	240	200	75	6	40x15.5
TFSPS100-1358	240	200	75	6	40x15.5



L-PLATE

Art.No.	A	B	C	Thickness	Slots
	(mm)	(mm)	(mm)	(mm)	(mm)
TFSPS80-1359	160	240	75	6	40x15.5
TFSPS100-1359	160	240	75	6	40x15.5



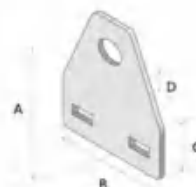
WELDED LIFTING PLUG

Art.No.	A	B	Tube Thickness	Washer Thickness	Inside Welded Nut	Slots	Length
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
TFSPS50-WLP	50	50	3	8	M12	46x12	6000
TFSPS80-WLP	75	75	3	8	M20	65x15.5	6000
TFSPS100-WLP	100	100	3	8	M20	65x15.5	6000



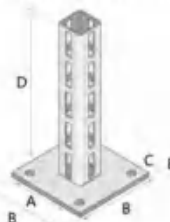
LIFTING BRACKET

Art.No.	A	B	C	D	Thickness	Slots
	(mm)	(mm)	(mm)	(φ)	(mm)	(mm)
TFSPS80-LB	150	160	75	24	6	40x15.5
TFSPS100-LB	175	200	75	24	6	40x15.5



K1 WELDED BASE PLATE

Art.No.	A	B	C	D	E	Thickness	Slots
	(mm)	(mm)	(φ)	(mm)	(mm)	(mm)	(mm)
TFSPS50-K1-750	108	150	11	750	10	3	46x12
TFSPS50-K1-1000	108	150	11	1000	10	3	46x12
TFSPS50-K1-1500	108	150	11	1500	10	3	46x12



THREAD CONNECTOR

Thread M16



Art.No.	A	Thread	Thickness	Slots
	(mm)	(mm)	(mm)	(mm)
TFSPS80-TC-M16	75	M16	6	40x15.5
TFSPS100-TC-M16	75	M16	6	40x15.5

Thread M20



Art.No.	A	Thread	Thickness	Slots
	(mm)	(mm)	(mm)	(mm)
TFSPS80-TC-M20	150	M20	6	40x15.5
TFSPS100-TC-M20	150	M20	6	40x15.5

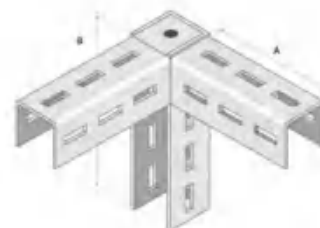
INTERNAL 2 WAY BRACKET

Art.No.	A	B	C	D	Slots
	(mm)	(mm)	(mm)	(mm)	(mm)
TFSPS50-2WB	150	190	6	5	40x12
TFSPS80-2WB	170	230	10	6	50x15.5
TFSPS100-2WB	170	250	10	6	50x15.5



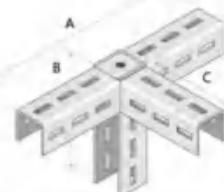
INTERNAL 3 WAY BRACKET

Art.No.	A	B	Thickness	Thread	Slots
	(mm)	(mm)	(mm)	(mm)	(mm)
TFSPS50-3WB-L	150	200	5	M12	40x12
TFSPS50-3WB-R	150	200	5	M12	40x12
TFSPS80-3WB-L	250	325	6	M20	50x15.5
TFSPS80-3WB-R	250	325	6	M20	50x15.5
TFSPS100-3WB-L	250	350	6	M20	50x15.5
TFSPS100-3WB-R	250	350	6	M20	50x15.5

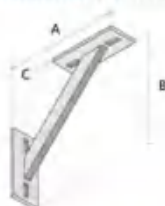


INTERNAL 4 WAY BRACKET

Art.No.	A	B	C	Thickness	Thread	Slots
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
TFSPS50-4WB	350	200	150	5	M12	40x12
TFSPS80-4WB	566	325	250	6	M20	50x15.5
TFSPS100-4WB	590	350	250	6	M20	50x15.5



BRACE



Art.No.	A	B	C	Slots
	(mm)	(mm)	(mm)	(mm)
TFSPS80-157	370	370	10	40x15.5
TFSPS100-157	370	370	10	40x15.5

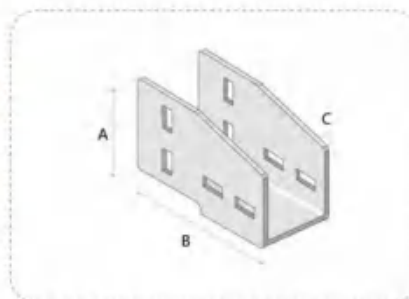
WALL BRACE



Art.No.	A	B	C	Slots
	(mm)	(mm)	(mm)	(mm)
TFSPS80-158	600	600	10	40x15.5
TFSPS100-158	700	700	10	40x15.5

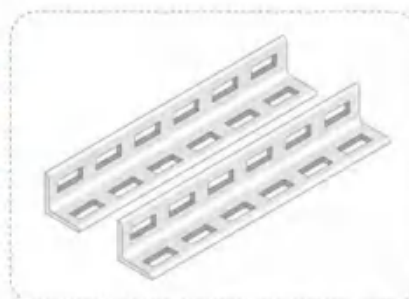
SHOE

Art.No.	A	B	C	Slots
	(mm)	(mm)	(mm)	(mm)
TFSPS80-156	160	205	6	40x15.5
TFSPS100-156	160	230	6	40x15.5



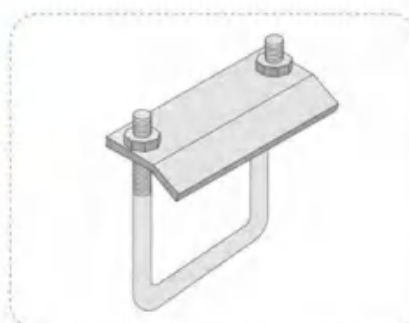
JOINER SET

Art.No.	Thickness	Slots
	(mm)	(mm)
TFSPS80-1377	8	40x15.5
TFSPS100-1377	8	40x15.5



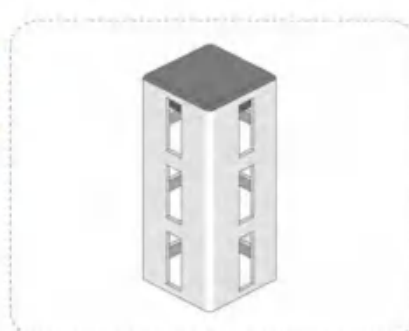
BEAM CLAMP

Art.No.	Description
TFSPS50-174	TFSPS50 Beam Clamp
TFSPS80-174	TFSPS80 Beam Clamp
TFSPS100-174	TFSPS100 Beam Clamp



END CAP

Art.No.	Description	Colour
TFSPS50-2240	TFSPS50 End Cap	Black
TFSPS80-2240	TFSPS80 End Cap	Black
TFSPS100-2240	TFSPS100 End Cap	Black



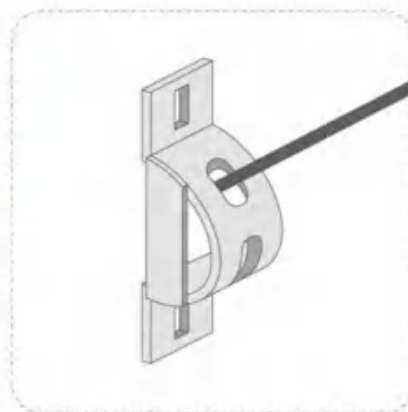
TENSIONING BRACE

Art.No.	Description	Suit Rod	Material
			(mm)
TFSPS50-TB	TFSPS50 Tensioning Brace	M10 Rod	40x6
TFSPS80/100-TB	TFSPS80/100 Tensioning Brace	M12 Rod	50x10



FLAT BRACE

Art.No.	Description	Suit Rod	Material
			(mm)
TFSPS50-FB	TFSPS50 Flat Brace	M10 Rod	40x6
TFSPS80-FB	TFSPS80 Flat Brace	M12 & M10 Rod	75x10
TFSPS100-FB	TFSPS100 Flat Brace	M12 & M10 Rod	90x10



STRUT CONNECTION GUIDE

Art.No.	Bolt & Nut	Washer
	(mm)	(mm)
TFSPS50-SCG	M10x75	M10
TFSPS80-SCG	M10x110	M10
TFSPS100-SCG	M10x130	M10

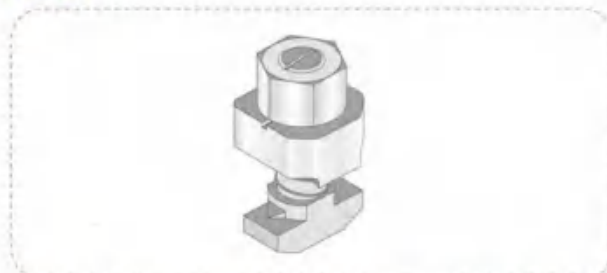


LIFTING LUG



Art. No.	Description	Thread
TFSPS50-LL	TFSPS50 Lifting Lug	M12
TFSPS80/100-LL	TFSPS80/100 Lifting Lug	M20

BOLT

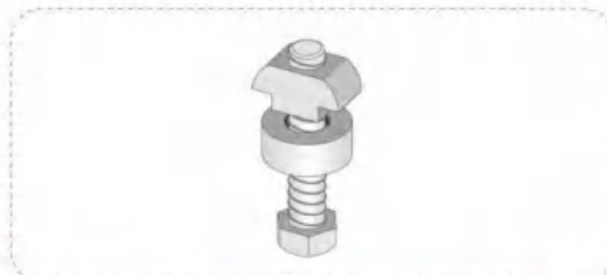


Art.No.	Description	Finish	For Tube
TFSPSBOLT-S45-M10	Type S Bolt M10	Zinc Nickel	TFSPS50

SPRING BOLT



Art.No.	Description	Finish	For Tube
TFSPSBOLT-M12S	Type S Bolt M12	Zinc Nickel	TFSPS80, TFSPS100



Art.No.	Description	Finish	For Tube
TFSPSBOLT-M12R	Type R Bolt M12	Zinc Nickel	TFSPS80, TFSPS100





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