



Tools

HTB1, TC, TD, PST and GIG Series

Hand Tube Benders

HTB1 Series

❖ CIR-LOK hand tube bender is available in 1/4, 5/16, 3/8, and 1/2 in., as well as 6, 8, 10, and 12 mm tubing sizes.

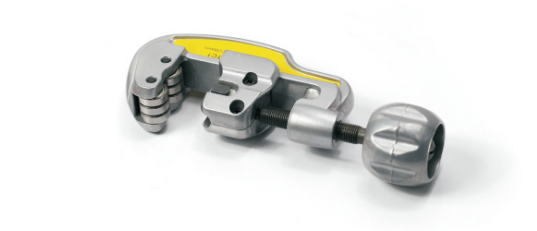


How to Order

HTB1	—	F4
Hand Tube Bender	Tubing O.D.	Bending radius
HTB1	F4	1/4"
	F5	5/16"
	F6	3/8"
	F8	1/2"
	M6	6 mm
	M8	8 mm
	M10	10 mm
	M12	12 mm

Tube Cutter

TC1 Series



Ordering Number: TC1

- ❖ CIR-LOK tube cutter cuts stainless steel and copper from 3/16 to 1 in. and 4 to 35 mm outside diameter.
- ❖ Blade Ordering Number: **TC1-TC**

Tube Deburring Tool

TD1 Series



Ordering Number: TD1

- ❖ CIR-LOK deburring tools deburr stainless steel, steel, and hard alloy tube ends after use of the tube cutter.
- ❖ Capacity: 1/4"-1 1/4"(5 mm - 36 mm)

Preswaging Tools

PST1 Series

❖ CIR-LOK preswaging tools are used for tube fitting installation in close quarters. Available sizes from 1/16 to 1 inch and 3 to 25mm.



How to Order

PST1 — F4

Preswaging	Size			
		in.		mm
PST1	F1	1/16"	M3	3mm
	F2	1/8"	M4	4mm
	F3	3/16"	M6	6mm
	F4	1/4"	M8	8mm
	F5	5/16"	M10	10mm
	F6	3/8"	M12	12mm
	F8	1/2"	M14	14mm
	F10	5/8"	M15	15mm
	F12	3/4"	M16	16mm
	F14	7/8"	M18	18mm
	F16	1"	M20	20mm
	—	—	M22	22mm
	—	—	M25	25mm

Gap Inspection Gauges

GIG1 Series



How to Order			
GIG1		01	
Gap Inspection Gauges	Size		
	in.		mm
GIG1	Female Nut		
	01	1/16	—
	02	1/8	2,3
	03	3/16	4
	04	1/4	6
	468	1/4,3/8,1/2	6,12
	M612	1/4,1/2	6,8,10,12
	05	5/16	8
	06	3/8	—
	M10	—	10
	08	1/2	12
	10	5/8	14,15,16
	12	3/4	18
	14	7/8	20,22
	16	1	25
	Male Nut		
	E01	1/16	—
	E02	1/8	2,3
	E468	1/4,3/8,1/2	—

Universal Adapters Cases

UAC1 Series



Ordering Number:
UAC1-65: 65 pieces
UAC1-30: 30 pieces
 ❖ Kit Packaging
 ❖ Customized products available

Anaerobic Pipe Thread Sealant

Features

- ❖ Allow for lower separation torque and easy disconnection.
- ❖ Stick to the thread without forming fragments or debris on the component flow.
- ❖ Can lubricate threads to prevent wear and tear during assembly Serious thread damage caused by jamming.

Order Code: **PTS-P-50**



PTFE Pipe Thread Sealing Tape

Features

- ❖ Temperature up to 698°F (370°C)
- ❖ The material meets the commercial grade standards A-A-58092.
- ❖ Sealed, insulated, corrosion-resistant.

Order Code: **TTF-8**





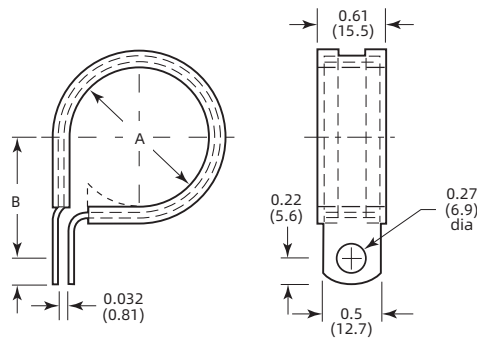
Clamps

PCS Series

P Clamp Supports

- ❖ It is an economical method to support various sizes of tubing or hoses
- ❖ Easy installation on walls or equipment racks with just one screw or bolt

Materials



Component	Material	Temperature Range
Clamp	304 S.S.	-40°C to 100°C
Cushion	Black EPDM	

A, Tube Size		Ordering Number	B in. (mm)
in.	mm		
1/4	6	PSC-P-4-304	0.53 (13.5)
3/8	10	PCS-P-6-304	0.59 (15.0)
1/2	12	PCS-P-8-304	0.65 (16.5)
3/4	20	PCS-P-12-304	0.84 (1.3)
1	25	PCS-P-16-304	0.95 (4.1)

v Including matching connecting screws and nuts.

Bolted Plastic Clamp Supports

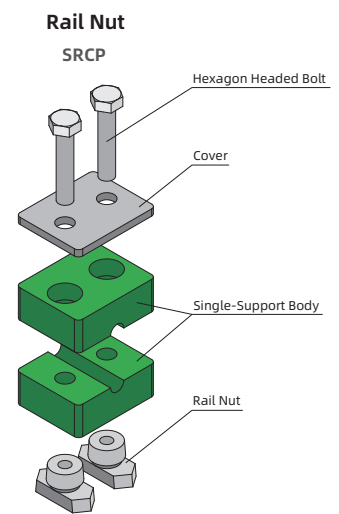
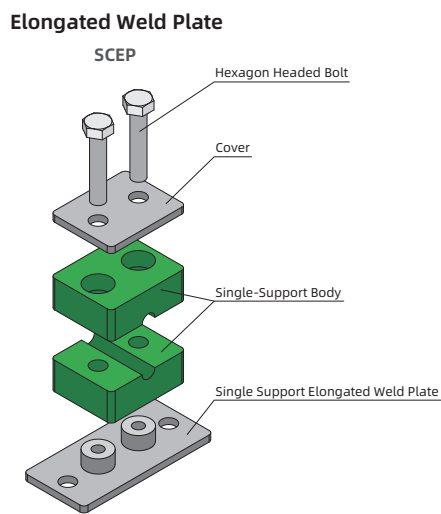
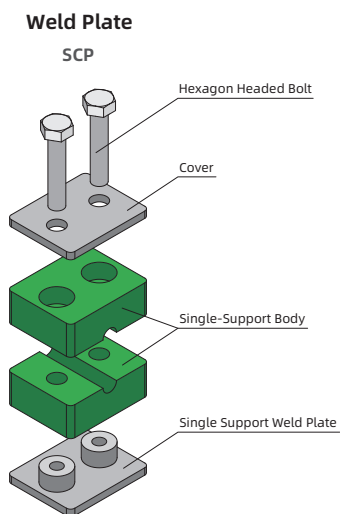
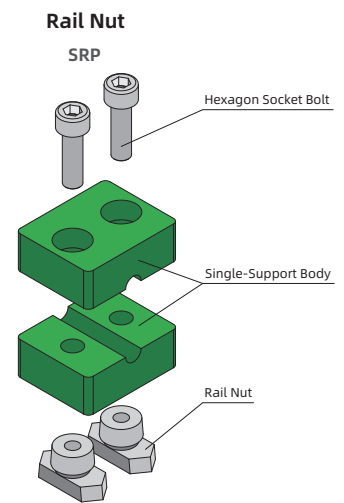
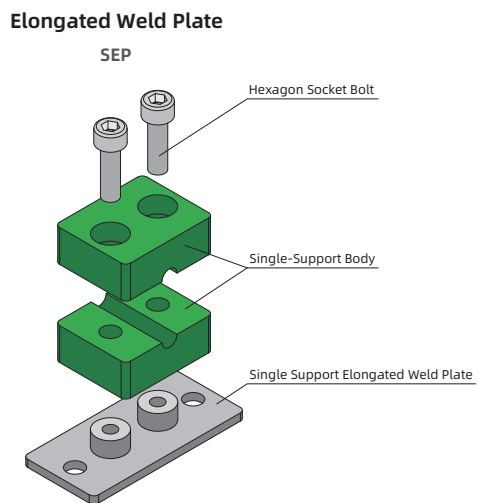
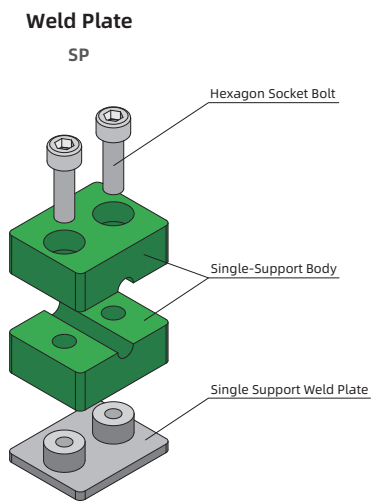
Features

- ❖ Single Support and Twin Support
- ❖ 1/4 to 1 1/2 in. and 6 to 38 mm outside diameter
- ❖ 304 stainless steel, carbon steel, Polyamide and polypropylene
- ❖ Wall- and channel-mounted options
- ❖ Single and multiple lines

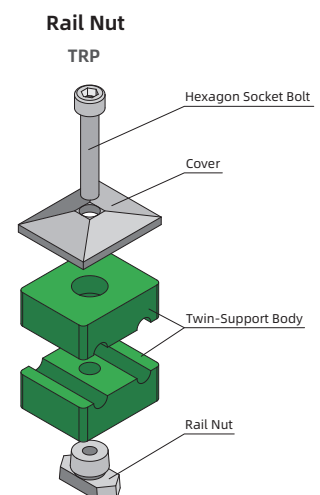
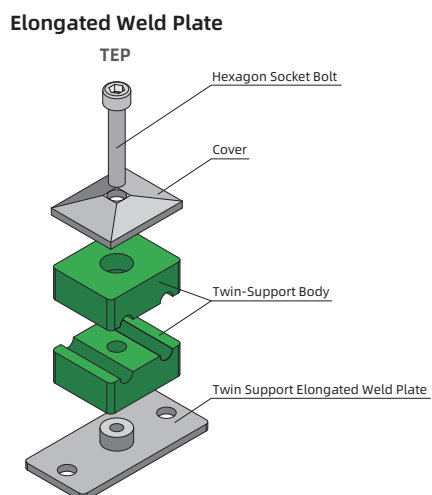
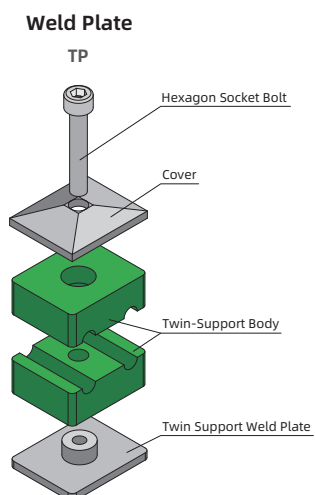
Materials

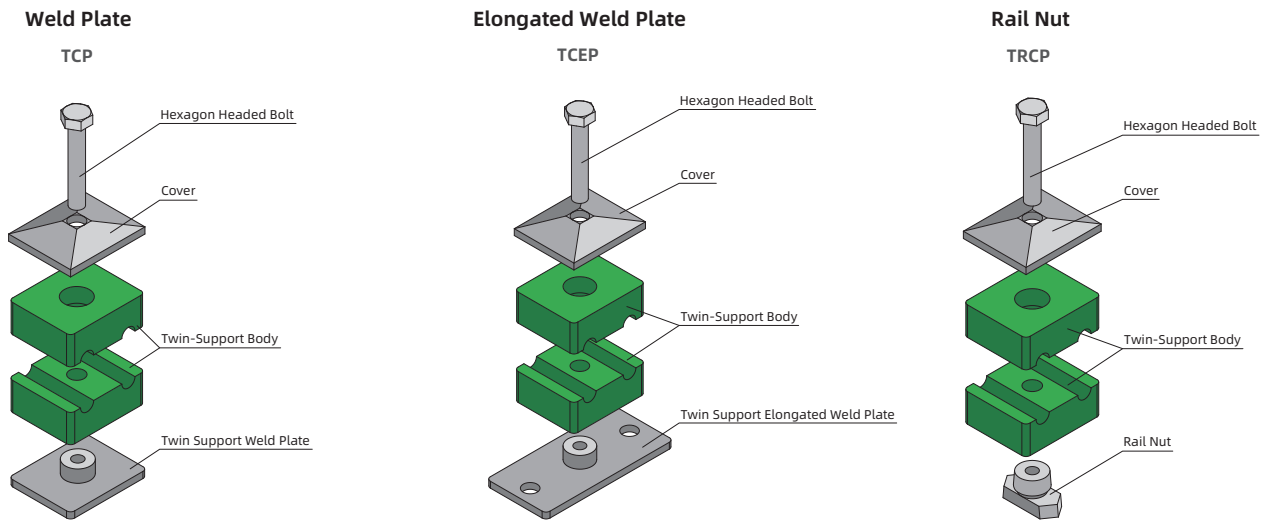
Component	Material	Designator	Temperature Range
Support Body	polypropylene	PP	-30°C to 90°C
	Polyamide	PA	-40°C to 120°C
Others (Metal Parts)	304 stainless steel	304	—
	Carbon steel	CS	

Single Support



Twin Support





How to Order

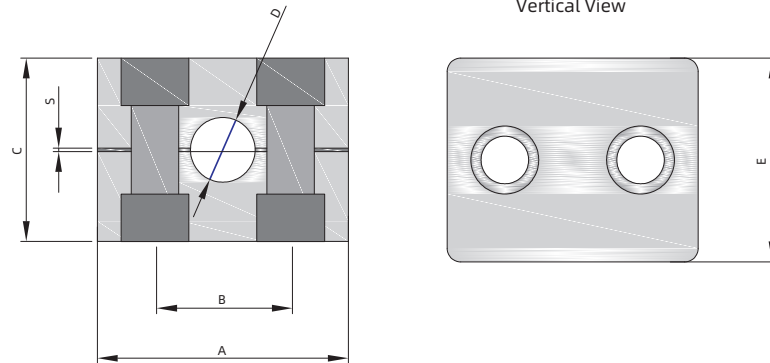
PCS — SP — M8 — PA — 304

Series	Assembly Type	Outside Diameter Type	Outside Diameter Size	Body Material	Plate material
PCS	SP	M Metric	4 1/4 in.	PA Polyamide	304 304 S.S.
	SEP	F Fractional	5 5/16 in.	PP polypropylene	CS Carbon steel
	SRP		6 3/8 in. or 6 mm		
	SCP		8 1/2 in. or 8 mm		
	SCEP		10 5/8 in. or 10 mm		
	SRCP		12 3/4 in. or 12 mm		
	TP		14 7/8 in. or 14 mm		
	TEP		15 15 mm		
	TRP		16 1 in. or 16 mm		
	TCP		18 1 1/8 in. or 18 mm		
	TCEP		20 1 1/4 in. or 20 mm		
	TRCP		22 22 mm		
			24 1 1/2 in.		
			25 25 mm		
			28 28 mm		
			32 32 mm		
			38 38 mm		

Note: TEP and TCEP type bolt plastic support clips are customized parts. For detailed product information, please consult your local branch or authorized agent.

Componets and Dimensions

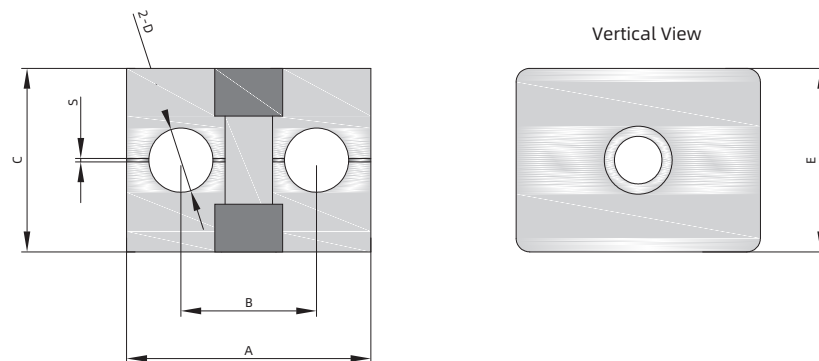
Single-Support Bodys



Tube O.D. ΦD mm	Basic Ordering Number	Dimension, mm				
		A	B	C	S	E
6	PCS-SB-M6-	37	20	27	0.4	30
8	PCS-SB-M8-					
10	PCS-SB-M10-					
12	PCS-SB-M12-					
14	PCS-SB-M14-	42	26	33	0.6	
16	PCS-SB-M16-					
18	PCS-SB-M18-					
20	PCS-SB-M20-	50	33	36	0.6	
22	PCS-SB-M22-					
25	PCS-SB-M25-					
28	PCS-SB-M28-	59	40	42	0.6	
30	PCS-SB-M30-					
32	PCS-SB-M32-					
38	PCS-SB-M38-	71	52	58	0.8	

Tube O.D. ΦD in.	Basic Ordering Number	Dimension, mm				
		A	B	C	S	E
1/4	PCS-SB-F4-	37	20	27	0.4	30
5/16	PCS-SB-F5-					
3/8	PCS-SB-F6-					
1/2	PCS-SB-F8-	42	26	33	0.6	
5/8	PCS-SB-F10-					
3/4	PCS-SB-F12-	50	33	36	0.6	
7/8	PCS-SB-F14-					
1	PCS-SB-F16-					
1 1/4	PCS-SB-F20-	71	52	58	0.8	
1 1/2	PCS-SB-F24-					

Twin-Support Bodys



Tube O.D. ΦD mm	Basic Ordering Number	Dimension, mm				
		A	B	C	S	E
6	PCS-TB-M6-	36	20	27	0.6	30
8	PCS-TB-M8-					
10	PCS-TB-M10-					
12	PCS-TB-M12-					
14	PCS-TB-M14-	53	29	27	0.7	
16	PCS-TB-M16-					
18	PCS-TB-M18-					
20	PCS-TB-M20-					
22	PCS-TB-M22-	67	36	37	0.7	
25	PCS-TB-M25-					
28	PCS-TB-M28-	80	45	40	0.7	
30	PCS-TB-M30-					
32	PCS-TB-M32-	106	56	53	0.7	
38	PCS-TB-M38-					

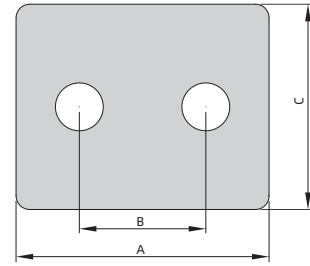
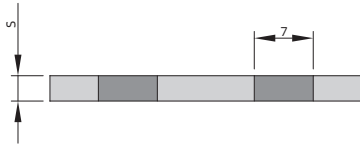
Tube O.D. ΦD in.	Basic Ordering Number	Dimension, mm				
		A	B	C	S	E
1/4	PCS-TB-F4-	36	20	27	0.6	30
5/16	PCS-TB-F5-					
3/8	PCS-TB-F6-					
1/2	PCS-TB-F8-	53	29	27	0.7	
5/8	PCS-TB-F10-					
3/4	PCS-TB-F12-	67	36	37	0.7	
7/8	PCS-TB-F14-					
1	PCS-TB-F16-					
1 1/4	PCS-TB-F20-	106	56	53	0.7	
1 1/2	PCS-TB-F24-					

Ordering Information

❖ Add the material designator as a postfix to the basic ordering number to complete the ordering number.

Example: **PCS-SB-F4-PP**, **PCS-TB-F4-PP**

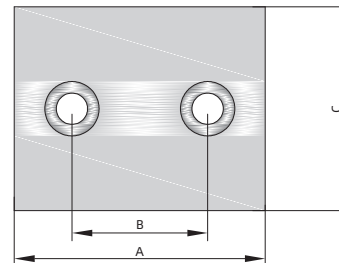
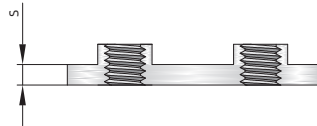
Cover



Tube O.D. ΦD mm	Basic Ordering Number	Dimension, mm			
		A	B	C	S
6	PCS-SC-1-	37	20	30	3
8					
10					
12					
14	PCS-SC-2-	42	26		
16					
18					
20					
22	PCS-SC-3-	50	33		
25					
28					
30	PCS-SC-4-	59	40		
32					
38	PCS-SC-5-	71	52		

Tube O.D. ΦD in.	Basic Ordering Number	Dimension, mm			
		A	B	C	S
1/4	PCS-SC-1-	37	20	30	3
5/16					
3/8					
1/2	PCS-SC-2-	42	26		
5/8					
3/4	PCS-SC-3-	50	33		
7/8					
1					
1 1/4	PCS-SC-5-	71	52		
1 1/2					

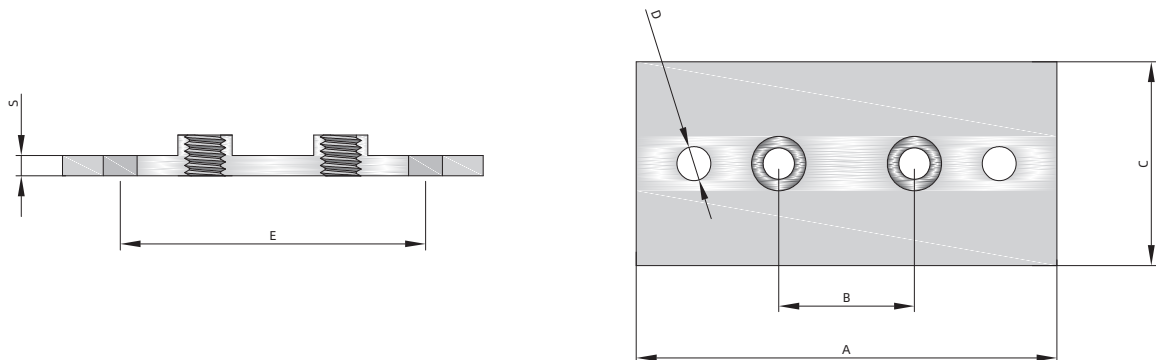
Single Support Weld Plate



Tube O.D. ΦD mm	Basic Ordering Number	Dimension, mm				
		A	B	C	S	Thread
6	PCS-SF-1-	37	20	30	3	M6X1
8						
10						
12						
14	PCS-SF-2-	42	26			
16						
18						
20						
22	PCS-SF-3-	50	33			
25						
28						
30	PCS-SF-4-	59	40			
32						
38	PCS-SF-5-	71	52			

Tube O.D. ΦD in.	Basic Ordering Number	Dimension, mm				
		A	B	C	S	Thread
1/4	PCS-SF-1-	37	20	30	3	M6X1
5/16						
3/8						
1/2	PCS-SF-2-	42	26			
5/8						
3/4	PCS-SF-3-	50	33			
7/8						
1						
1 1/4	PCS-SF-5-	71	52			
1 1/2						

Single Support Elongated weld plate



Tube O.D. ΦD mm	Basic Ordering Number	Dimension, mm						
		A	B	E	C	D	S	Thread
6	PCS-ESF-1-	64	20	50	30	7	3	M6X1
8								
10								
12								
14	PCS-ESF-2-	70	26	56				
16								
18								
20								
22	PCS-ESF-3-	78	33	64				
25								
28	PCS-ESF-4-	87	40	73				
30								
32	PCS-ESF-5-	100	52	86				
38								

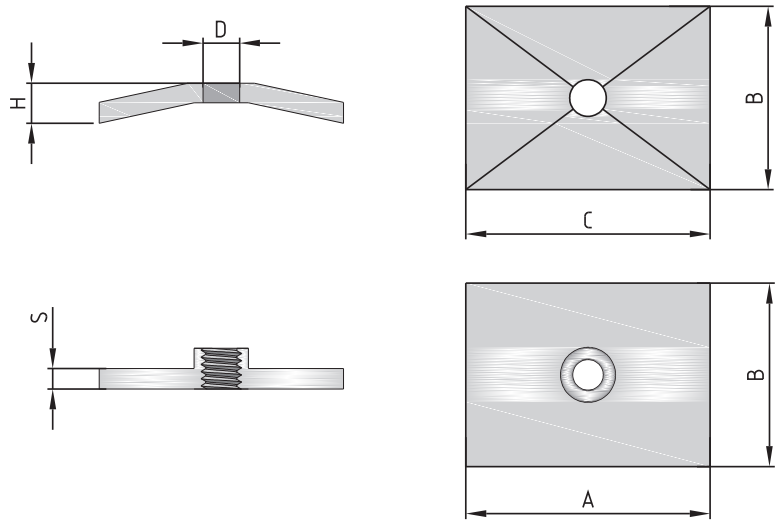
Tube O.D. ΦD in.	Basic Ordering Number	Dimension, mm						
		A	B	E	C	D	S	Thread
1/4	PCS-ESF-1-	64	20	50	30	7	3	M6X1
5/16								
3/8								
1/2	PCS-ESF-2-	70	26	56				
5/8								
3/4								
7/8	PCS-ESF-3-	78	33	64				
1								
1 1/4	PCS-ESF-5-	100	52	86				
1 1/2								

Ordering Information

❖ Add the material designator as a postfix to the basic ordering number to complete the ordering number.

Example: **PCS-SC-1-304**, **PCS-SF-1-304**, **PCS-ESF-1-304**

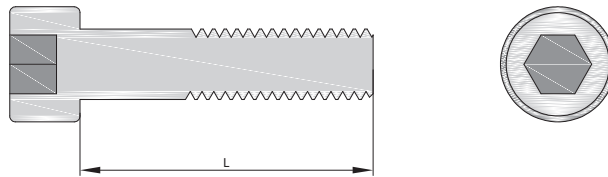
Twin Support Cover and Weld Plate



Tube O.D. ΦD mm	Basic Ordering Number	Dimension, mm						
		A	C	D	S	B	H	Thread
6	PCS-TF-1-	37	36	7	3	30	6	M6X1
8								
10								
12								
14	PCS-TF-2-	55	53	9	5			M8X1.25
16								
18								
20								
22	PCS-TF-3-	70	67	9	5			
25								
28	PCS-TF-4-	85	80	9	5			
30								
32	PCS-TF-5-	110	106	9	5			
38								

Tube O.D. ΦD in.	Basic Ordering Number	Dimension, mm						
		A	C	D	S	B	H	Thread
1/4	PCS-TF-1-	37	36	7	3	30	6	M6X1
5/16								
3/8								
1/2	PCS-TF-2-	55	53	9	5			M8X1.25
5/8								
3/4	PCS-TF-3-	70	67	9	5			
7/8								
1								
1 1/4	PCS-TF-5-	110	106	9	5			
1 1/2								

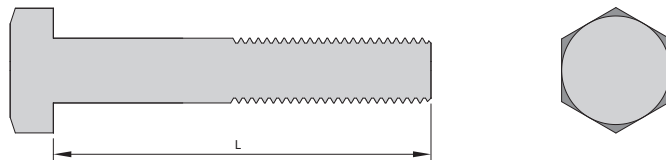
Hexagon Socket Bolt



Single-Support Tube O.D. D		Basic Ordering Number	L	Thread
mm	in.			
6	1/4	PCS-B-M6X20-	20	M6X1
8	5/16			
10	3/8			
12	—			
14	1/2	PCS-B-M6X25-	25	
16	5/8			
18	—			
20	3/4	PCS-B-M6X30-	30	
22	7/8			
25	1			
28	—	PCS-B-M6X35-	35	
30	—			
32	1 1/4	PCS-B-M6X50-	50	
38	1 1/2			

Twin-Support Tube O.D. D		Basic Ordering Number	L	Thread
mm	in.			
6	1/4	PCS-B-M6X35-	35	M6X1
8	5/16			
10	3/8			
12	—			
14	1/2	PCS-B-M8X40-	40	M8X1.25
16	5/8			
18	—			
20	3/4	PCS-B-M8X50-	50	
22	7/8			
25	1			
28	—	PCS-B-M8X60-	60	
30	—			
32	1 1/4	PCS-B-M8X65-	65	
38	1 1/2			

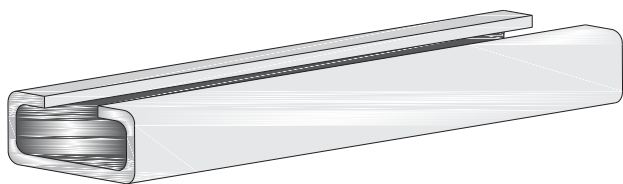
Hexagon Headed Bolt



Single-Support Tube O.D. D		Basic Ordering Number	L	Thread
mm	in.			
6	1/4	PCS-CB-M6X30-	30	M6X1
8	5/16			
10	3/8			
12	—			
14	1/2	PCS-CB-M6X35-	35	
16	5/8			
18	—			
20	3/4	PCS-CB-M6X40-	40	
22	7/8			
25	1			
28	—	PCS-CB-M6X45-	45	
30	—			
32	1 1/4	PCS-CB-M6X60-	60	
38	1 1/2			

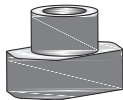
Twin-Support Tube O.D. D		Basic Ordering Number	L	Thread
mm	in.			
6	1/4	PCS-CB-M6X35-	35	M6X1
8	5/16			
10	3/8			
12	—			
14	1/2	PCS-CB-M8X40-	40	M8X1.25
16	5/8			
18	—			
20	3/4	PCS-CB-M8X50-	50	
22	7/8			
25	1			
28	—	PCS-CB-M8X60-	60	
30	—			
32	1 1/4	PCS-CB-M8X65-	65	
38	1 1/2			

Mounting Rail



Length (mm)	Thread	Basic Ordering Number
1000	M6X1	PCS-MR-M6-M1000-
	M8X1.25	PCS-MR-M8-M1000-
2000	M6X1	PCS-MR-M6-M2000-
	M8X1.25	PCS-MR-M8-M2000-

Rail Nut



Thread	Basic Ordering Number
M6X1	PCS-RN-M6-
M8X1.25	PCS-RN-M8-

Two rail nuts are required for single support body;
One rail nut is required for twin support body.

Ordering Information

❖ Add the material designator as a postfix to the basic ordering number to complete the ordering number.
Example:
PCS-B-M6×35-304, PCS-CB-M6×35-304,
PCS-MR-M6-M1000-304, PCS-RN-M6-CS