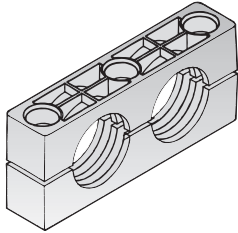
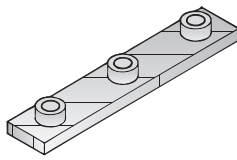
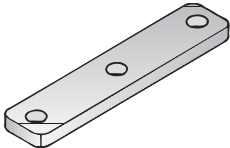

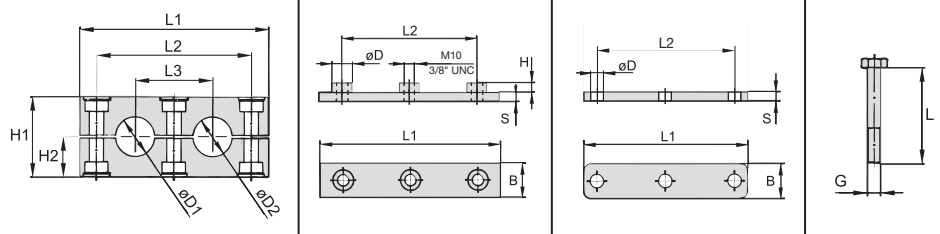


MATERIAL & DESIGN OF CLAMP BODY				CLAMP BODY consisting of two clamp halves	WELD PLATE					COVER PLATE					HEXAGON HEAD BOLT AS							
Polypropylene, profiled inside, with tension clearance Polyamide, profiled inside, with tension clearance					PP	SPAD					DPAD					AS						
MATERIAL & SURFACE FINISHING OF METAL PARTS																						
carbon steel St37, untreated																	W1					
carbon steel St37, phosphated																	W2					
carbon steel St37, zinc plated																	W3					
stainless steel A2 - 1.4301/1.4305 (AISI 304/303)																	W4					
stainless steel A4 - 1.4401/1.4571 (AISI 316/316Ti)				W5																		
TYPE OF THREAD				M U																		
Metric Thread																						
UNC Thread																						
MATERIAL & SURFACE FINISH (STANDARD DELIVERY / DETAILS ABOVE)				SEE COMPONENT PART IDENTIFICATION					W2					W3								
ORDERING INFORMATION				* ***,*/***,* **					SPAD ** * **					DPAD ** * **					AS ** * **			
STAUFF GROUP	OUTSIDE DIAMETER PIPE / TUBE / HOSE Ø D1/D2 IN MM	OUTSIDE DIAMETER PIPE / TUBE / HOSE Ø D1/D2 IN INCH	NOMINAL BORE PIPE IN INCH	FIRST DIGIT OF STAUFF GROUP (SEE BELOW)	OUTSIDE DIAMETERS OF PIPES IN MM	MATERIAL & DESIGN OF CLAMP BODY			WELD PLATE SPAD	FIRST 2 DIGITS OF STAUFF GROUP (SEE BELOW)	TYPE OF THREAD	MATERIAL & SURFACE FINISHING	COVER PLATE DPAD	FIRST 2 DIGITS OF STAUFF GROUP (SEE BELOW)	MATERIAL & SURFACE FINISHING	HEXAGON HEAD BOLT AS	FIRST 2 DIGITS OF STAUFF GROUP (SEE BELOW)	TYPE OF THREAD	MATERIAL & SURFACE FINISHING			
4S-D	12,7/12,7	1/2 / 1/2			4012,7/12,7 **				SPAD 4S * **				DPAD 4S **			AS 4S * **						
	19/19	3/4 / 3/4			4019/19 **																	
	20/20				4020/20 **																	
	21,3/21,3		1/2 / 1/2		4021,3/21,3 **																	
	22/22	7/8 / 7/8			4022/22 **																	
	25,4/25,4	1 / 1			4025,4/25,4 **																	
26,9/26,9		3/4 / 3/4		4026,9/26,9 **																		
5S-D	32/32	1 1/4 / 1 1/4			5032/32 **				SPAD 5S * **				DPAD 5S **			AS 5S * **						
	33,7/33,7		1 / 1		5033,7/33,7 **																	
	38/38	1 1/2 / 1 1/2			5038/38 **																	
	42/42		1 1/4 / 1 1/4		5042/42 **																	
DIMENSIONS - COMPONENTS																						
STAUFF GROUP	OUTSIDE DIAMETER PIPE / TUBE / HOSE Ø D1/D2 IN MM	OUTSIDE DIAMETER PIPE / TUBE / HOSE Ø D1/D2 IN INCH	NOMINAL BORE PIPE IN INCH	L1	L2	L3	H1	H2	Width	L1	L2	B	S	H	ØD	L1	L2	B	S	ØD	G x L	
4S-D	12,7/12,7	1/2 / 1/2		115	90	45	48	24	30	130	90	30	8	8,5	18	115	90	30	8	11	M10 x 60	
	19/19	3/4 / 3/4		4.52"	3.54"	1.77"	1.89"	0.94"	1.18"	5.12"	3.54"	1.18"	0.31"	0.33"	0.71"	4.52"	3.54"	1.18"	0.31"	0.43"	3/8" - 16 x 2 1/4"	
	20/20																				UNC	
	21,3/21,3		1/2 / 1/2																			
	22/22	7/8 / 7/8																				
	25,4/25,4	1 / 1																				
26,9/26,9		3/4 / 3/4																				
5S-D	32/32	1 1/4 / 1 1/4		146	120	60	60	30	30	160	120	30	8	8,5	18	145	120	30	8	11	M10 x 70	
	33,7/33,7		1 / 1	5.75"	4.72"	2.36"	2.36"	1.18"	1.18"	6.30"	4.72"	1.18"	0.31"	0.33"	0.71"	5.71"	4.72"	1.18"	0.31"	0.43"	3/8" - 16 x 2 3/4"	
	38/38	1 1/2 / 1 1/2																			UNC	
	42/42		1 1/4 / 1 1/4																			



1 TYPE OF INSTALLATION

<i>no code</i>	without mounting plate, rail adaptor or rail nuts
SPAD	Single Weld Plate
CRA	Channel Rail Adaptor
GMV	Hexagon Rail Nut

3 MATERIAL & DESIGN OF CLAMP BODY *1

PP	Polypropylene, profiled inside, with tension clearance
PPH	Polypropylene, smooth inside, without tension clearance
PA	Polyamide, profiled inside, with tension clearance
PAH	Polyamide, smooth inside, without tension clearance

4 MOUNTING & FITTING COMBINATION

DPAD - AS	Cover Plate / Hexagon Head Bolt
SIPD - AF	Safety Locking Plate / Stacking Bolt

7 ASSEMBLING & PACKAGING

<i>no code</i>	components supplied separately (standard)
A	assembled (optional)
K	packed in kits (optional)

2 STAUFF GROUP & SIZE OF CLAMP BODY

Group	Tube O.D. in mm	Tube O.D. in inch	Nominal Bore Pipe	Material Code Clamp Body (both halves)
STAUFF 4S-D	12,7/12,7	1/2		4012,7/12,7
	19/19	3/4		4019/19
	20/20			4020/20
	21,3/21,3		1/2	4021,3/21,3
	22/22		7/8	4022/22
STAUFF 5S-D	25,4/25,4		1	4025,4/25,4
	26,9/26,9		3/4	4026,9/26,9
	32/32		1 1/4	5032/32
	33,7/33,7		1	5033,7/33,7
	38/38		1 1/2	5038/38
	42/42		1 1/4	5042/42

5 TYPE OF THREAD

M	Metric Thread
U	UNC Thread

6 MATERIAL & SURFACE FINISHING OF METAL PARTS*2

W1	all parts are untreated
W2	all parts are phosphated
W3	all parts are zinc plated
W4	all metal parts made of stainless steel A2 - 1.4301/1.4305 (AISI 304/303)
W5	all metal parts made of stainless steel A4 - 1.4401/1.4571 (AISI 316/316Ti)
W10	weld plate phosphated, all other parts zinc plated
W12	weld plate and cover plate phosphated, bolts untreated
W13	rail nut zinc plated, cover plate phosphated, bolts untreated
W15	weld plate and cover plate phosphated, bolts zinc plated
W16	rail nut zinc plated, cover plate phosphated, bolts zinc plated
W17	safety locking plate phosphated, stacking bolts zinc plated
W18	safety locking plate untreated, stacking bolts phosphated

TECHNICAL NOTES

*1 SEE MATERIAL PROPERTIES ON PAGE C59. OTHER CLAMP BODY MATERIALS AND COLORS ARE AVAILABLE UPON REQUEST.

*2 PLEASE NOTE THAT YOU HAVE TO SPECIFY THREAD TYPE.

*3 INDIVIDUAL COMBINATIONS OF ALTERNATIVE SURFACE FINISHES AND SPECIAL PROPERTY MATERIALS ARE AVAILABLE UPON REQUEST.

Ordering Examples & Installation Information for Complete Clamps

Installation on Weld Plate

SPAD 4012,7/12,7 PP DPAD-AS U W15

3x **Hexagon Head Bolt**
 Surface: W3, Zinc Plated
 Thread: UNC
 1x **Cover Plate**
 Surface: W2, Zinc Phosphated
 1x **Clamp** (two halves)
 Material: Polypropylene
 Design: profiled inside with tension clearance
 Group: STAUFF 4S / DIN 2
 Tube-O.D. 12,7mm / 0.50"
 1x **Weld Plate**
 Surface: W2, Zinc Phosphated
 Thread: UNC
W15 is standard for this type of installation.

Installation on Mounting Rails

GMV 4012,7/12,7 PP DPAD-AS U W16

3x **Hexagon Head Bolt**
 Surface: W3, Zinc Plated
 Thread: UNC
 1x **Cover Plate**
 Surface: W2, Zinc Phosphated
 1x **Clamp** (two halves)
 Material: Polypropylene
 Design: profiled inside with tension clearance
 Group: STAUFF 4S / DIN 2
 Tube-O.D. 12,7mm / 0.50"
 3x **Mounting Rail Nut**
 Surface: W3, Zinc Plated
 Thread: UNC
W16 is standard for this type of installation.

Multi-level Installation

4012,7/12,7 PP SIPD-AF U W17

3x **Stacking Bolt**
 Surface: W3, Zinc Plated
 Thread: UNC
 1x **Safety Locking Plate**
 Surface: W2, Zinc Phosphated
 1x **Clamp** (two halves)
 Material: Polypropylene
 Design: profiled inside with tension clearance
 Group: STAUFF 4S / DIN 2
 Tube-O.D. 12,7mm / 0.50"
W17 is standard for this type of installation.