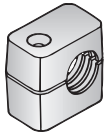

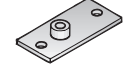
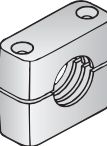

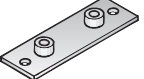
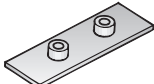
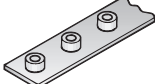

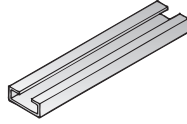
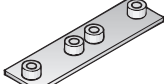
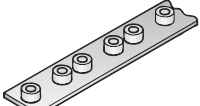
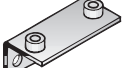
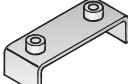
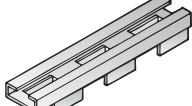





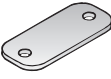






acc. to DIN 3015, Part 1

Material Code					 Group 1	 Group 1A-8	 Group 1A-8
Materials and designs of clamps bodies							
Polypropylene	profiled inside	with tension clearance			 Group 1A-8	 Group 1A-8	 Group 1A-8
Polypropylene	smooth inside	without tension clearance					
Polyamide	profiled inside	with tension clearance					
Polyamide	smooth inside	without tension clearance					
Santoprene	profiled inside	with tension clearance					
Santoprene	smooth inside	without tension clearance					
Aluminum	profiled inside	with tension clearance					
(AL group 1A – 6 only)							
Other thermoplastics and O.D. on request.							
Surface finishing (see also technical appendix)					–	DIN 50942 Fe/Znph r 10	DIN 50942 Fe/Znph r 10
STAUFF Group	DIN Group	Outside diameter Tube or Hose		Nominal bore Pipe inch	Clamp Body (2 halves) (xxx – see material code)	Single Weld Plate SP	Elongated Weld Plate SPV
		mm	inch				
1	0	6			106 xxx	SP 1	SPV 1
		6,4	1/4		106,4 xxx		
		8	5/16		108 xxx		
		9,5	3/8		109,5 xxx		
		10		1/8	110 xxx		
1A	1	6			106 A xxx	SP 1 A	SPV 1 A
		6,4	1/4		106,4A xxx		
		8	5/16		108 A xxx		
		9,5	3/8		109,5A xxx		
		10		1/8	110 A xxx		
2	2	12,7	1/2		212,7 xxx	SP 2	SPV 2
		13,5		1/4	213,5 xxx		
		14			214 xxx		
		15			215 xxx		
		16	5/8		216 xxx		
		17,2		3/8	217,2 xxx		
3	3	19	3/4		319 xxx	SP 3	SPV 3
		20			320 xxx		
		21,3		1/2	321,3 xxx		
		22	7/8		322 xxx		
		25	1		325 xxx		
4	4	26,9		3/4	426,9 xxx	SP 4	SPV 4
		28			428 xxx		
		30			430 xxx		
5	5	32	1 1/4		532 xxx	SP 5	SPV 5
		33,7		1	533,7 xxx		
		35			535 xxx		
		38	1 1/2		538 xxx		
		40			540 xxx		
6	6	42		1 1/4	542 xxx	SP 6	SPV 6
		44,5	1 3/4		644,5 xxx		
		48,3		1 1/2	648,3 xxx		
		50,8	2		650,8 xxx		
		7	7	57,2	2 1/4		
60,3				2	760,3 xxx		
63,5	2 1/2				763,5 xxx		
70	2 3/4				770 xxx		
73	2 7/8			2 1/2 (except DIN 2448)	773 xxx		
76,1	3			2 1/2 (DIN 2448 only)	776,1 xxx		
8	8	88,9		3	888,9 xxx	SP 8	SPV 8
		102	4		8102 L xxx		

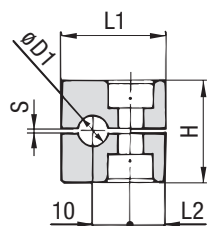
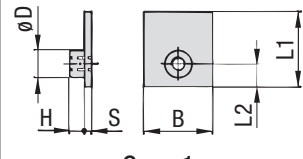
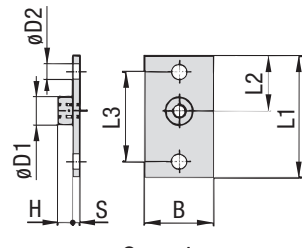
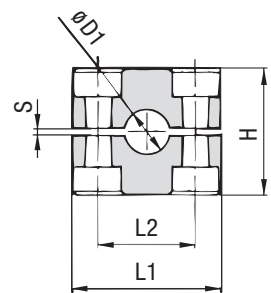
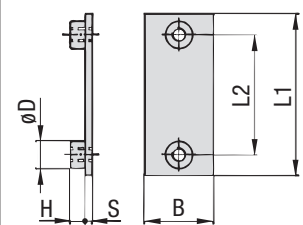
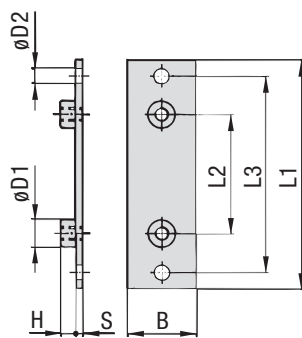
acc. to **DIN 3015, Part 1**

Size ▼	 Group 1	 Group 1	 Group 1		 TS	
	 Group 1A - 6	 Group 1A - 6	 Group 1A - 6	 Group 1A - 6	 TSL	 Group 1 - 8
	DIN 50942 Fe/Znph r 10	-	-	-	-	- (TSL z. p.)
	Twin Weld Plate DSP	Group Weld Plate RAP	Weld Plate, angled WSP	Bridge Weld Plate BSP	Mounting Rail TS/TSL	Hexagon Rail Nut SM
106 106,4 108 109,5 110 112	DSP 1/40 Pipe center spacing ←	RAP 1/30/10 Pipe center spacing ← Number of clamps ←	WSP 1			
106 A 106,4A 108 A 109,5A 110 A 112 A	DSP 1 A/37	RAP 1 A/37/10	WSP 1 A	BSP 1 A		
212,7 213,5 214 215 216 217,2 218	DSP 2/44	RAP 2/44/10	WSP 2	BSP 2	TS 11	
319 320 321,3 322 325	DSP 3/52	RAP 3/52/10	WSP 3	BSP 3	TS 14 TS 30	
426,9 428 430	DSP 4/60	RAP 4/60/5	WSP 4	BSP 4	TSL 11 SM	
532 533,7 535 538 540 542	DSP 5/75	RAP 5/75/5	WSP 5	BSP 5	(available in 1 and 2 m lengths)	
644,5 648,3 650,8	DSP 6/90	RAP 6/90/5	WSP 6	BSP 6		
757,2 760,3 763,5 770 773 776,1						
888,9 8102 L						

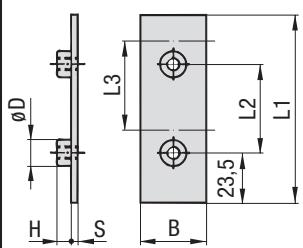
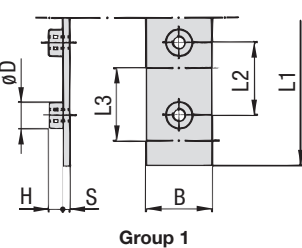
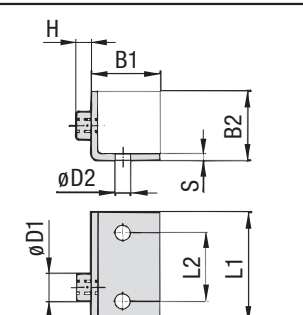

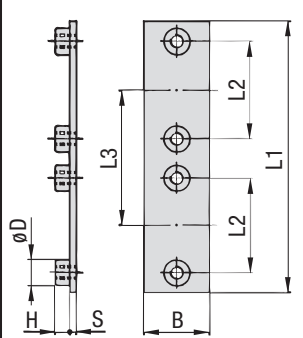
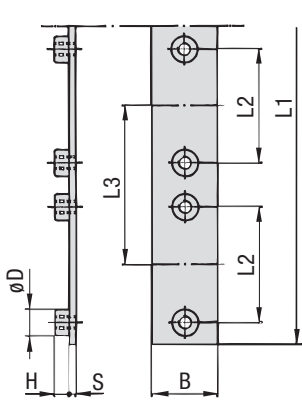
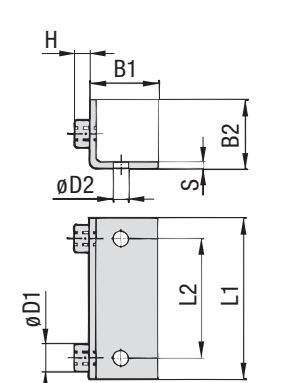
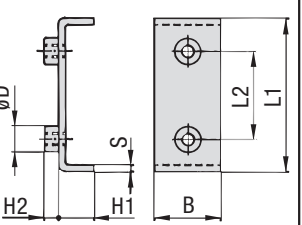
acc. to **DIN 3015, Part 1**

Size ▼	 Group 1					 Group 1	Only for Hexagon Head Bolts AS DIN 931/933
	 Group 1A - 8					 Group 1A - 8	 Group 1 - 8
	DIN 50961 Fe/Zn 8 C						
	Cover Plate DP	Hexagon Head Bolt AS DIN 931/933	Socket Cap Screw IS DIN 912	Slotted Head Screw LI DIN 84	Stacking Bolt AF	Safety Locking Plate SIG	Safety Washer SI DIN 93
106 106,4 108 109,5 110 112	DP 1	AS 1/1 A (M6 x 30)	IS 1/1 A (M6 x 20)	LI 1/1 A (M6 x 20)	AF 1/1A	SIG 1	SI 6,4
106 A 106,4A 108 A 109,5A 110 A 112 A	DP 1 A					SIG 1 A	
212,7 213,5 214 215 216 217,2 218	DP 2	AS 2 (M6 x 35)	IS 2 (M6 x 25)	LI 2 (M6 x 25)	AF 2	SIG 2	
319 320 321,3 322 325	DP 3	AS 3 (M6 x 40)	IS 3 (M6 x 30)	LI 3 (M6 x 30)	AF 3	SIG 3	
426,9 428 430	DP 4	AS 4 (M6 x 45)	IS 4 (M6 x 35)	LI 4 (M6 x 35)	AF 4	SIG 4	
532 533,7 535 538 540 542	DP 5	AS 5 (M6 x 60)	IS 5 (M6 x 50)	LI 5 (M6 x 50)	AF 5	SIG 5	
644,5 648,3 650,8	DP 6	AS 6 (M6 x 70)	IS 6 (M6 x 60)	LI 6 (M6 x 60)	AF 6	SIG 6	
757,2 760,3 763,5 770 773 776,1	DP 7	AS 7 (M6 x 100)	IS 7 (M6 x 90)		AF 7	SIG 7	
888,9 8102 L	DP 8	AS 8 (M6 x 125)	IS 8 (M6 x 110)		AF 8	SIG 8	

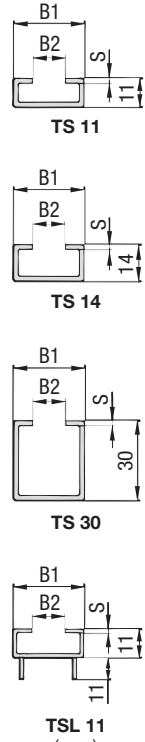

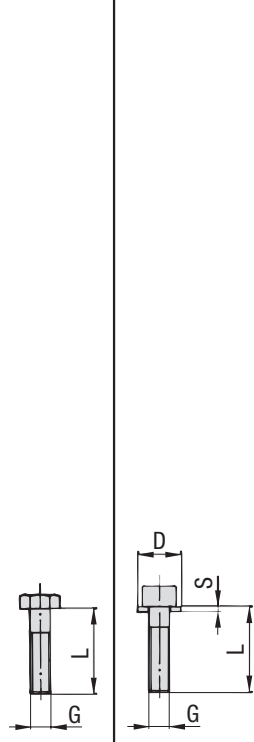
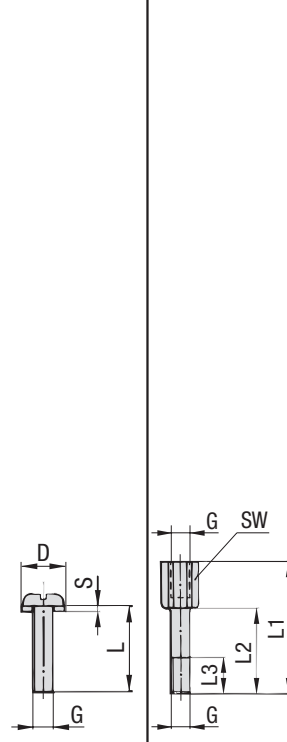


acc. to DIN 3015, Part 1

Material Code			Clamp Body (2 halves)							Single Weld Plate SP						Elongated Weld Plate SPV																	
STAUFF Group	DIN Group	Pipe-O.D. $\varnothing D1$ [mm]	L1	L2	Inside surface			Width	L1	L2	B	S	H	$\varnothing D$	L1	L2	L3	B	S	H	$\varnothing D1$	$\varnothing D2$											
					profiled	smooth	H																S	H									
Materials and designs of clamp bodies Polypropylene, profiled inside, with tension clearance - PP Polypropylene, smooth inside, without tension clearance - PPH Polyamide, profiled inside, with tension clearance - PA Polyamide, smooth inside, without tension clearance - PAH Santoprene, profiled inside, with tension clearance - SA Santoprene, smooth inside, without tension clearance - SAH Aluminum, profiled inside, with tension clearance (AL group 1A - 6 only) - AL Other thermoplastics and O.D. on request.			 <p>Group 1</p>							 <p>Group 1</p>						 <p>Group 1</p>																	
Surface finishing (see also techn. appendix)			-							DIN 50942 Fe/Znph r 10						DIN 50942 Fe/Znph r 10																	
 <p>Group 1A - 8</p>																						 <p>Group 1A - 8</p>						 <p>Group 1A - 8</p>					
1	0	6 6,4 8 9,5 10 12	28	9,5	27	0,4 min.	26	30	31,5	10	30	3	6,5	12	58	24,5	44	30	3	6,5	12	6,5											
1A	1	6 6,4 8 9,5 10 12	37	20	27	0,4 min.	26	30	36	20	30	3	6,5	12	64	20	50	30	3	6,5	12	6,5											
2	2	12,7 13,5 14 15 16 17,2 18	42	26	33	0,6 min.	32	30	42	26	30	3	6,5	12	70	26	56	30	3	6,5	12	6,5											
3	3	19 20 21,3 22 25	50	33	36	0,6 min.	35,5	30	50	33	30	3	6,5	12	78	33	64	30	3	6,5	12	6,5											
4	4	26,9 28 30	59	40	42	0,6 min.	41,5	30	60	40	30	3	6,5	12	87	40	73	30	3	6,5	12	6,5											
5	5	32 33,7 35 38 40 42	71	52	58	0,8 min.	56,5	30	71	52	30	3	6,5	12	100	52	86	30	3	6,5	12	6,5											
6	6	44,5 48,3 50,8	86	66	66	0,8 min.	64,5	30	88	66	30	3	6,5	12	115	66	100	30	3	6,5	12	6,5											
7	7	57,2 60,3 63,5 70 73 76,1	121	94	93	0,8 min.	92	30	122	94	30	5	6,5	12	150	94	136	30	5	6,5	12	6,5											
8	8	88,9 102	147	120	118	0,8 min.	116	30	148	120	30	5	6,5	12	178	120	162	30	5	6,5	12	6,5											

acc. to DIN 3015, Part 1

Size	 <p>Group 1</p>								 <p>Group 1</p>								 <p>Group 1</p>								 <p>Group 1</p>								
	 <p>Group 1A - 6</p>								 <p>Group 1A - 6</p>								 <p>Group 1A - 6</p>								 <p>Group 1A - 6</p>								
	DIN 50942 Fe/Znph r 10								-								-								-								
Twin Weld Plate DSP								Group Weld Plate RAP								Weld Plate, angled WSP								Bridge Weld Plate BSP									
L1	L2	L3	B	S	H	øD		L1	L2	L3	B	S	H	øD		L1	L2	B1	B2	S	H	øD1	øD2			L1	L2	B	S	H1	H2	øD	
6																																	
6,4																																	
8																																	
8,5	87	40	40	30	3	6,5	12	314	31	31	30	4	6,5	12	30	14	30	30	3	6,5	12	6,5											
10																																	
12																																	
6																																	
6,4																																	
8	77	20	37	30	3	6,5	12	373	20	37	30	4	6,5	12	36	20	30	30	3	6,5	12	6,5	48	20	30	3	13	6,5	12				
8,5																																	
10																																	
12																																	
12,7																																	
13,5																																	
14																																	
15	86	26	44	30	3	6,5	12	442	26	44	30	4	6,5	12	42	26	30	30	3	6,5	12	6,5	54	26	30	3	13	6,5	12				
16																																	
17,2																																	
18																																	
19																																	
20																																	
21,3	102	33	52	30	3	6,5	12	521	33	52	30	4	6,5	12	50	33	30	30	3	6,5	12	6,5	62	33	30	3	13	6,5	12				
22																																	
25																																	
26,9																																	
28	120	40	60	30	3	6,5	12	300	40	60	30	4	6,5	12	60	40	30	30	3	6,5	12	6,5	71	40	30	3	13	6,5	12				
30																																	
32																																	
33,7																																	
35	145	52	75	30	3	6,5	12	378	52	75	30	4	6,5	12	70	52	30	30	3	6,5	12	6,5	85	52	30	3	13	6,5	12				
38																																	
40																																	
42																																	
44,5																																	
48,3	178	66	90	30	3	6,5	12	450	66	90	30	4	6,5	12	88	66	30	30	3	6,5	12	6,5	98	66	30	3	13	6,5	12				
50,8																																	
57,2																																	
60,3																																	
63,5																																	
70																																	
73																																	
76,1																																	
88,9																																	
102																																	

acc. to DIN 3015, Part 1

Size ▼																														
	-			-			DIN 50961 Fe/Zn 8 C																							
	Mounting Rail TS/TSL			Hexagon Rail Nut SM			Cover Plate DP			Hexagon Head Bolt AS DIN 931/933		Socket Cap Screw IS DIN 912		Slotted Head Screw LI DIN 84			Stacking Bolt AF			Safety Locking Plate SIG			Safety Washer SI DIN 93							
	B1	B2	S	L	B	H1	H2	∅D	L1	L2	B	S	∅D	G x L	G x L	D	S	G x L	D	S	G	L1	L2	L3	SW	L	B1	B2	S	∅D
6 6,4 8 9,5 10 12								28	9,5	30	3	7	M6x30	M6x20	11	0,8	M6x20	11	0,8	M6	34	20	12 min.	11	17	32	11,1	1	6,4	
6 6,4 8 9,5 10 12								34	20	30	3	7	M6x30	M6x20	11	0,8	M6x20	11	0,8	M6	34	20	12 min.	11	34	28	11,1	1	6,4	
12,7 13,5 14 15 16 17,2 18								40,5	26	30	3	7	M6x35	M6x25	11	0,8	M6x25	11	0,8	M6	40	25	12 min.	11	40	28	11,1	1	6,4	
19 20 21,3 22,5 25	28	11	2	25,4	10,4	13	5	12	48	33	30	3	7	M6x40	M6x30	11	0,8	M6x30	11	0,8	M6	44	30	12 min.	11	47	28	11,1	1	6,4
26,9 28 30								57	40	30	3	7	M6x45	M6x35	11	0,8	M6x35	11	0,8	M6	48	35	12 min.	11	56	28	11,1	1	6,4	
32 33,7 35 38 40 42								70	52	30	3	7	M6x60	M6x50	11	0,8	M6x50	11	0,8	M6	64	50	12 min.	11	69	28	11,1	1	6,4	
44,5 48,3 50,8								86	66	30	3	7	M6x70	M6x60	11	0,8	M6x60	11	0,8	M6	73	60	12 min.	11	85	28	11,1	1	6,4	
57,2 60,3 63,5 70 73 76,1								118	94	30	5	7	M6x100	M6x90	11	0,8				M6	99	85	12 min.	11	117	28	11,1	1	6,4	
88,9 102								144	120	30	5	7	M6x125	M6x110	11	0,8				M6	124	110	12 min.	11	143	28	11,1	1	6,4	

acc. to DIN 3015, Part 1

STAUFF Group	DIN Group	Outside diameter Tube or Hose		Nominal bore Pipe inch	Clamp Body (2 halves) (xxx – see material code)
		mm	inch		
1	0	6			106 xxx
		6,4	1/4		106,4 xxx
		8	5/16		108 xxx
		9,5	3/8		109,5 xxx
		10		1/8	110 xxx
		12			112 xxx
1A	1	6			106 A xxx
		6,4	1/4		106,4A xxx
		8	5/16		108 A xxx
		9,5	3/8		109,5A xxx
		10		1/8	110 A xxx
		12			112 A xxx
2	2	12,7	1/2		212,7 xxx
		13,5		1/4	213,5 xxx
		14			214 xxx
		15			215 xxx
		16	5/8		216 xxx
		17,2		3/8	217,2 xxx
3	3	18			218 xxx
		19	3/4		319 xxx
		20			320 xxx
		21,3		1/2	321,3 xxx
		22	7/8		322 xxx
		25	1		325 xxx
4	4	26,9		3/4	426,9 xxx
		28			428 xxx
		30			430 xxx
5	5	32	1 1/4		532 xxx
		33,7		1	533,7 xxx
		35			535 xxx
		38	1 1/2		538 xxx
		40			540 xxx
		42		1 1/4	542 xxx
6	6	44,5	1 3/4		644,5 xxx
		48,3		1 1/2	648,3 xxx
		50,8	2		650,8 xxx
7	7	57,2	2 1/4		757,2 xxx
		60,3		2	760,3 xxx
		63,5	2 1/2		763,5 xxx
		70	2 3/4		770 xxx
		73	2 7/8	2 1/2 (except DIN 2448)	773 xxx
		76,1	3	2 1/2 (DIN 2448 only)	776,1 xxx
8	8	88,9		3	888,9 xxx
		102	4		8102 L xxx

Material Code

Materials and designs of clamp bodies **XXX**

Polypropylene, profiled inside, with tension clearance **- PP**

Polypropylene, smooth inside, without tension clearance **- PPH**

Polyamide, profiled inside, with tension clearance **- PA**

Polyamide, smooth inside, without tension clearance **- PAH**

Santoprene, profiled inside, with tension clearance **- SA**

Santoprene, smooth inside, without tension clearance **- SAH**

Aluminum, profiled inside, with tension clearance (AL group 1A – 6 only) **- AL**

Other thermoplastics and O.D. on request.

Design of clamp bodies see technical appendix, page 48. Design and order codes for clamps with rubber insert RI see page 30 – Clamp Accessories –.

acc. to DIN 3015, Part 1

Order Code

SP * **,* xxx DP-AS

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group

Clamp consisting of:
 1 x Single Weld Plate
 1 x Clamp Body
 (2 halves)
 1 x Cover Plate
 2 x Hexagon Head Bolt
 DIN 931/933

Order Code

SP * **,* xxx IS

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group

Clamp consisting of:
 1 x Single Weld Plate
 1 x Clamp Body
 (2 halves)
 2 x Socket Cap Screw
 DIN 912
 with washer

Order Code

SP * **,* xxx LI

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group

Clamp consisting of:
 1 x Single Weld Plate
 1 x Clamp Body
 (2 halves)
 2 x Slotted Head Screw
 DIN 84
 with washer

Order Code

SPV * **,* xxx DP-AS

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group

Clamp consisting of:
 1 x Elongated Weld Plate
 1 x Clamp Body
 (2 halves)
 1 x Cover Plate
 2 x Hexagon Head Bolt
 DIN 931/933

Order Code

SPV * **,* xxx IS

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group

Clamp consisting of:
 1 x Elongated Weld Plate
 1 x Clamp Body
 (2 halves)
 2 x Socket Cap Screw
 DIN 912
 with washer

Order Code

SPV * **,* xxx LI

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group

Clamp consisting of:
 1 x Elongated Weld Plate
 1 x Clamp Body
 (2 halves)
 2 x Slotted Head Screw
 DIN 84
 with washer

Order Code

SM * **,* xxx DP-AS

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group

Clamp consisting of:
 2 x Hexagon Rail Nut
 1 x Clamp Body
 (2 halves)
 1 x Cover Plate
 2 x Hexagon Head Bolt
 DIN 931/933

Order Code

SM * **,* xxx IS

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group

Clamp consisting of:
 2 x Hexagon Rail Nut
 1 x Clamp Body
 (2 halves)
 2 x Socket Cap Screw
 DIN 912
 with washer

Order Code

SM * **,* xxx LI

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group

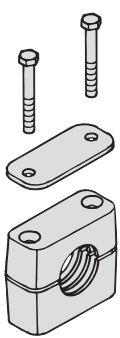
Clamp consisting of:
 2 x Hexagon Rail Nut
 1 x Clamp Body
 (2 halves)
 2 x Slotted Head Screw
 DIN 84
 with washer

acc. to DIN 3015, Part 1

Order Code

*** **,* xxx DP-AS**

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group

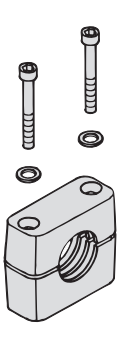


Clamp consisting of:
 1 x Clamp Body (2 halves)
 1 x Cover Plate
 2 x Hexagon Head Bolt DIN 931/933

Order Code

*** **,* xxx IS**

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group

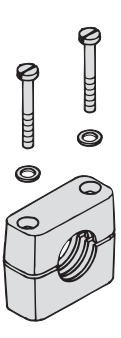


Clamp consisting of:
 1 x Clamp Body (2 halves)
 2 x Socket Cap Screw DIN 912 with washer

Order Code

*** **,* xxx LI**

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group

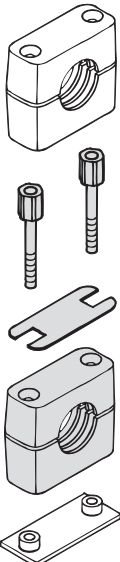


Clamp consisting of:
 1 x Clamp Body (2 halves)
 2 x Slotted Head Screw DIN 84 with washer

Order Code

*** **,* xxx SIG-AF**

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group

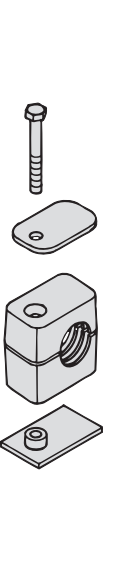


Clamp consisting of:
 1 x Clamp Body (2 halves)
 1 x Safety Locking Plate
 2 x Stacking Bolt

Order Code

SP 1 **,* xxx DP-AS

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group

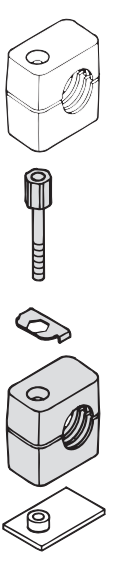


Clamp consisting of:
 1 x Single Weld Plate
 1 x Clamp Body (2 halves)
 1 x Cover Plate
 1 x Hexagon Head Bolt DIN 931/933

Order Code

1 **,* xxx SI-AF

Material and design of clamp body
 Pipe-O.D.
 STAUFF Group



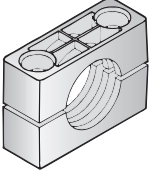
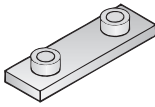
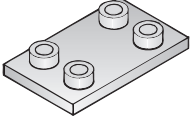
Clamp consisting of:
 1 x Clamp Body (2 halves)
 1 x Safety Locking Plate
 1 x Stacking Bolt

Information

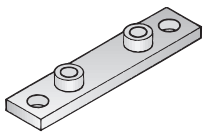
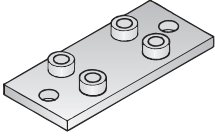
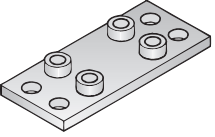
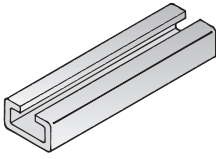
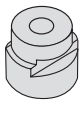
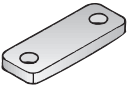
In order to protect hexagon head bolts against unscrew caused by vibrations safety washers acc. to DIN 93 are recommended.

Items are supplied non-assembled.

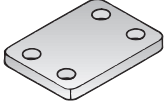



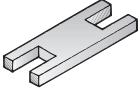

acc. to DIN 3015, Part 2

Material Code											
Materials and designs of clamp bodies XXX											
Polypropylene profiled inside with tension clearance - PP Polypropylene smooth inside without tension clearance - PPH (up to Gr. 6S) Polyamide profiled inside with tension clearance - PA Polyamide smooth inside without tension clearance - PAH (up to Gr. 6S) Santoprene profiled inside with tension clearance - SA (up to Gr. 6S) Santoprene smooth inside without tension clearance - SAH (up to Gr. 6S) Aluminum profiled inside with tension clearance - AL Other thermoplastics and O.D. on request.											
Surface finishing (see also technical appendix)					-	Group 3 S - 7 S: DIN 50942 Fe/Znph r 10	Group 3 S - 7 S: DIN 50942 Fe/Znph r 10				
STAUFF Group	DIN Group	Outside diameter Tube or Hose		Nominal bore Pipe	Clamp Body (2 halves) (xxx - see material code)	Weld Plate for Single Clamps SPAL	Weld Plate for Double Clamps SPAS				
		mm	inch	inch							
3 S	1	6			3006 xxx	SPAL 3 S	SPAS 3 S				
		6,4	1/4		3006,4 xxx						
		8			3008 xxx						
		9,5	3/8		3009,5 xxx						
		10		1/8	3010 xxx						
		12			3012 xxx						
		12,7	1/2		3012,7 xxx						
		13,5		1/4	3013,5 xxx						
		14			3014 xxx						
		15			3015 xxx						
4 S	2	16	5/8		3016 xxx	SPAL 4 S	SPAS 4 S				
		17,2		3/8	3017,2 xxx						
		18			3018 xxx						
		19	3/4		4019 xxx						
		20			4020 xxx						
		21,3		1/2	4021,3 xxx						
		22	7/8		4022 xxx						
		25			4025 xxx						
		26,9		3/4	4026,9 xxx						
		28			4028 xxx						
5 S	3	30			5030 xxx	SPAL 5 S	SPAS 5 S				
		32	1 1/4		5032 xxx						
		33,7		1	5033,7 xxx						
		35			5035 xxx						
		38	1 1/2		5038 xxx						
		40			5040 xxx						
		42		1 1/4	5042 xxx						
		6 S	4	38	1 1/2				6038 xxx	SPAL 6 S	SPAS 6 S
				42				1 1/4	6042 xxx		
				44,5	1 3/4				6044,5 xxx		
48,3				1 1/2	6048,3 xxx						
50,8	2				6050,8 xxx						
55					6055 xxx						
57	2 1/4				6057 xxx						
60,3				2	6060,3 xxx						
63,5	2 1/2				6063,5 xxx						
65					6065 xxx						
7 S	5	70			6070 xxx	SPAL 7 S	SPAS 7 S				
		65			7065 xxx						
		70			7070 xxx						
		73	2 7/8	2 1/2 (except DIN 2448)	7073 xxx						
		75			7075 xxx						
		76,1	3	2 1/2 (DIN 2448 only)	7076,1 xxx						
		80			7080 xxx						
		82,5	3 1/4		7082,5 xxx						
		88,9		3	7088,9 xxx						
		88,9		3	8088,9 xxx						
8 S	6	100			8100 xxx	SPAL 8 S	SPAS 8 S				
		102		3 1/2	8102 xxx						
		108	4 1/4		8108 xxx						
		114		4	8114 xxx						
		127	5		8127 xxx						
		133	5 1/4		8133 xxx						
		133	5 1/4		9133 xxx						
		140		5	9140 xxx						
		152	6		9152 xxx						
		159	6 1/4		9159 xxx						
9 S	7	165	6 1/2		9165 xxx	SPAL 9 S	SPAS 9 S				
		168		6	9168 xxx						
		168		6	10168 xxx						
		177,8	7		10177,8 xxx						
		193,7	7 5/8		10193,7 xxx						
		216	8 1/2		10216 xxx						
		219		8	10219 xxx						
		219		8	11219 xxx						
		273		10	11273 xxx						
		324		12	11324 xxx						
12 S	10	356		14	12356 xxx	SPAL 12 S	SPAS 12 S				
		406		16	12406 xxx						

acc. to **DIN 3015, Part 2**

Size ▼						
	Group 3 S - 7 S: DIN 50942 Fe/Znph r 10	Group 3 S - 7 S: DIN 50942 Fe/Znph r 10	Group 10 S - 12 S	up to Group 6 S only	up to Group 6 S only	Group 3 S - 7 S: DIN 50942 Fe/Znph r 10
	Elongated Weld Plate for Single Clamps SPAL/DÜB	Elongated Weld Plate for Double Clamps SPAS/DÜB	Elongated Weld Plate for Double Clamps SPAS/DÜB	Mounting Rail STSV	Mounting Rail Nut GMV	Cover Plate for Single Clamps DPAL
3006 3006,4 3008 3009,5 3010 3012 3012,7 3013,5 3014 3015 3016 3017,2 3018	SPAL/DÜB 3 S	SPAS/DÜB 3 S				DPAL 3 S
4019 4020 4021,3 4022 4025 4026,9 4028 4030	SPAL/DÜB 4 S	SPAS/DÜB 4 S		STSV (available in 1 and 2 m lengths)	GMV 10	DPAL 4 S
5030 5032 5033,7 5035 5038 5040 5042	SPAL/DÜB 5 S	SPAS/DÜB 5 S				DPAL 5 S
6038 6042 6044,5 6048,3 6050,8 6055 6057 6060,3 6063,5 6065 6070	SPAL/DÜB 6 S	SPAS/DÜB 6 S			GMV 12	DPAL 6 S
7065 7070 7073 7075 7076,1 7080 7082,5 7088,9	SPAL/DÜB 7 S	SPAS/DÜB 7 S				DPAL 7 S
8088,9 8100 8102 8108 8114 8127 8133	SPAL/DÜB 8 S	SPAS/DÜB 8 S				DPAL 8 S
9133 9140 9152 9159 9165 9168	SPAL/DÜB 9 S	SPAS/DÜB 9 S				DPAL 9 S
10168 10177,8 10193,7 10216 10219	SPAL/DÜB 10 S		SPAS/DÜB 10 S			DPAL 10 S
11219 11273 11324	SPAL/DÜB 11 S		SPAS/DÜB 11 S			DPAL 11 S
12356 12406	SPAL/DÜB 12 S		SPAS/DÜB 12 S			DPAL 12 S

acc. to **DIN 3015, Part 2**

Size ▼							
			Group 3S - 6S	Group 3S - 10S	Group 3S - 10S	Only for Hexagon Head Bolts AS DIN 931/933	
	Group 3 S - 7 S: DIN 50942 Fe/Znph r 10	-	-	DIN 50942 Fe/Znph r 10	Group 3 S - 7 S: DIN 50942 Fe/Znph r 10	DIN 50961 Fe/Zn 8 C	
	Cover Plate for Double Clamps DPAS	Hexagon Head Bolt AS DIN 931/933	Socket Cap Screw IS DIN 912	Stacking Bolt AF	Safety Locking Plate SIP	Safety Washer SI DIN 93	
3006 3006,4 3008 3009,5 3010 3012 3012,7 3013,5 3014 3015 3016 3017,2 3018	DPAS 3 S	AS 3 S (M10 x 45)	IS 3 S (M10 x 30)	AF 3 S	SIP 3 S	SI 10,5	
4019 4020 4021,3 4022 4025 4026,9 4028 4030	DPAS 4 S	AS 4 S (M10 x 60)	IS 4 S (M10 x 40)	AF 4 S	SIP 4 S		
5030 5032 5033,7 5035 5038 5040 5042	DPAS 5 S	AS 5 S (M10 x 70)	IS 5 S (M10 x 50)	AF 5 S	SIP 5 S		
6038 6042 6044,5 6048,3 6050,8 6055 6057 6060,3 6063,5 6065 6070	DPAS 6 S	AS 6 S (M12 x 100)	IS 6 S (M12 x 80)	AF 6 S	SIP 6 S		SI 13
7065 7070 7073 7075 7076,1 7080 7082,5 7088,9	DPAS 7 S	AS 7 S (M16 x 130)		AF 7 S	SIP 7 S		SI 17
8088,9 8100 8102 8108 8114 8127 8133	DPAS 8 S	AS 8 S (M20 x 190)		AF 8 S	SIP 8 S		SI 21
9133 9140 9152 9159 9165 9168	DPAS 9 S	AS 9 S (M24 x 220)		AF 9 S	SIP 9 S		SI 25
10168 10177,8 10193,7 10216 10219	DPAS 10 S	AS 10 S (M30 x 300)		AF 10 S	SIP 10 S		SI 31
11219 11273 11324	DPAS 11 S	AS 11 S (M30 x 450)					
12356 12406	DPAS 12 S	AS 12 S (M30 x 560)					

acc. to DIN 3015, Part 2

Material Code																
Materials and designs of clamp bodies Polypropylene profiled inside with tension clearance - PP Polypropylene smooth inside without tension clearance - PPH (up to Gr. 6 S) Polyamide profiled inside with tension clearance - PA Polyamide smooth inside without tension clearance - PAH (up to Gr. 6 S) Santoprene profiled inside with tension clearance - SA (up to Gr. 6 S) Santoprene smooth inside without tension clearance - SAH (up to Gr. 6 S) Aluminum profiled inside with tension clearance - AL Other thermoplastics and O.D. on request.			XXX													
Surface finishing (see also technical appendix)															Group 3 S - 7 S: DIN 50942 Fe/Znph r 10	
STAUFF Group	DIN Group	Pipe-O.D. Ø D1 [mm]	Clamp Body (2 halves)						Weld Plate for Single Clamps							
			L1		L2	Inside surface		Width	SPAL							
			PP/PA	AL		H	S		H	L1	L2	B	S	H	G	ØD1
3 S	1	6														
		6,4														
		8														
		9,5														
		10														
		12														
		12,7	55	56	33	32	0,6 min.	30,5	30,5	74	33	30	8	8	M10	18
		13,5														
		14														
		15														
16																
17,2																
18																
4 S	2	19														
		20														
		21,3														
		22	70	70	45	48	0,6 min.	46,5	30,5	86	45	30	8	8	M10	18
		25														
		26,9														
		28														
30																
5 S	3	30														
		32														
		33,7														
		35	85	85	60	60	0,6 min.	58	30,5	100	60	30	8	8	M10	18
		38														
		40														
		42														
6 S	4	38														
		42														
		44,5														
		48,3														
		50,8														
		55	115	120	90	89	2 min.	87	45	140	90	45	10	8	M12	20
		57														
		60,3														
7 S	5	63,5														
		65														
		70														
		75														
		76,1	152	150	122	120	2 min.		60	180	122	60	10	12	M16	24
		80														
8 S	6	82,5														
		88,9														
		88,9														
		100														
		102														
		108	206	208	168	167	2 min.		80	226	168	80	15	18	M20	30
		114														
9 S	7	127														
		133														
		133														
		140														
		152	251	255	205	200	3 min.		91	270	205	90	15	21	M24	35
10 S	8	159														
		165														
		168														
		168														
		177,8														
11 S	9	193,7	336	326	265	270	3 min.		120	340	265	120	25	21	M30	45
		216														
		219														
		219														
12 S	10	273	470	470	395	410	8 min.		162	520	395	160	30	38	M30	50
		324														
		356	630	630	534	530	20 min.		182	680	534	180	30	38	M30	50
		406 (max. 425)														

acc. to **DIN 3015, Part 2**

Size ▼	up to Group 6S only				up to Group 6S only					Group 3 S - 7 S: DIN 50942 Fe/Znph r10					Group 3 S - 7 S: DIN 50942 Fe/Znph r10					Group 3S - 6S		Group 3S - 10S					Group 3S - 10S					øD		
	Mounting Rail STSV				Mounting Rail Nut GMV					Cover Plate for Single Clamps DPAL					Cover Plate for Double Clamps DPAS					Hexagon Head Bolt AS DIN 931/933		Socket Cap Screw IS DIN 912		Stacking Bolt AF					Safety Locking Plate SIP					Safety Washer SI DIN 93
	B1	B2	H	S	øD1	øD2	H1	H2	H3	G	L1	L2	B	S	øD	L1	L2	B1	B2	S	øD	G x L	G x L	G	L1	L2	L3	SW	L1	L2	B1	B2	S	øD
6 6,4 8 9,5 10 12 12,7 13,5 14 15 16 17,2 18																				M10 x 45		M10 x 30		M10 49 25 15 min. 15					56 13 30 15 8					10,5
19 20 21,3 22 25 26,9 28 30	40 14 22 5				17,8 24 21,5 15,5 9															M10 x 60		M10 x 40		M10 65 40 15 min. 15					70 26 30 15 8					10,5
30 32 33,7 35 38 40 42																				M10 x 70		M10 x 50		M10 77 51 15 min. 15					85 40 30 15 8					10,5
38 42 44,5 48,3 50,8 55 57 60,3 63,5 65 70					19,8 24 23 15 9															M12 x 100		M12 x 80		M12 110 82 18 min. 17					116 69 45 17 10					13
65 70 75 76,1 80 82,5 88,9																				M16 x 130				M16 144 110 24 min. 21					153 97 60 22 10					17
88,9 100 102 108 114 127 133																				M20 x 190				M20 200 150 30 min. 27					206 130 80 28 15					21
133 140 152 159 165 168																				M24 x 220				M24 240 180 50 min. 30					251 166 90 31 15					25
168 177,8 193,7 216 219																				M30 x 300				M30 331 256 62 min. 46					317 205 120 49 25					31
219 273 324																				M30 x 450														31
356 406 (max. 425)																				M30 x 560														31

acc. to DIN 3015, Part 2

STAUFF Group	DIN Group	Outside diameter Tube or Hose		Nominal bore Pipe inch	Clamp Body (2 halves) (xxx – see material code)
		mm	inch		
3 S	1	6			3006 xxx
		6,4	1/4		3006,4 xxx
		8			3008 xxx
		9,5	3/8		3009,5 xxx
		10		1/8	3010 xxx
		12			3012 xxx
		12,7	1/2		3012,7 xxx
		13,5		1/4	3013,5 xxx
		14			3014 xxx
		15			3015 xxx
		16	5/8		3016 xxx
		17,2		3/8	3017,2 xxx
4 S	2	18			3018 xxx
		19	3/4		4019 xxx
		20			4020 xxx
		21,3		1/2	4021,3 xxx
		22	7/8		4022 xxx
		25			4025 xxx
		26,9		3/4	4026,9 xxx
		28			4028 xxx
30			4030 xxx		
5 S	3	30			5030 xxx
		32	1 1/4		5032 xxx
		33,7		1	5033,7 xxx
		35			5035 xxx
		38	1 1/2		5038 xxx
		40			5040 xxx
6 S	4	42		1 1/4	5042 xxx
		38	1 1/2		6038 xxx
		42		1 1/4	6042 xxx
		44,5	1 3/4		6044,5 xxx
		48,3		1 1/2	6048,3 xxx
		50,8	2		6050,8 xxx
		55			6055 xxx
		57	2 1/4		6057 xxx
		60,3		2	6060,3 xxx
		63,5	2 1/2		6063,5 xxx
7 S	5	65			6065 xxx
		70			6070 xxx
		73	2 7/8	2 1/2 (except DIN 2448)	7073 xxx
		75			7075 xxx
		76,1	3	2 1/2 (DIN 2448 only)	7076,1 xxx
		80			7080 xxx
		82,5	3 1/4		7082,5 xxx
		88,9		3	7088,9 xxx
8 S	6	88,9		3	8088,9 xxx
		100			8100 xxx
		102		3 1/2	8102 xxx
		108	4 1/4		8108 xxx
		114		4	8114 xxx
		127	5		8127 xxx
9 S	7	133	5 1/4		8133 xxx
		140		5	9140 xxx
		152	6		9152 xxx
		159	6 1/4		9159 xxx
		165	6 1/2		9165 xxx
10 S	8	168		6	9168 xxx
		168		6	10168 xxx
		177,8	7		10177,8 xxx
		193,7	7 5/8		10193,7 xxx
11 S	9	216	8 1/2		10216 xxx
		219		8	10219 xxx
		219		8	11219 xxx
		273		10	11273 xxx
12 S	10	324		12	11324 xxx
		356		14	12356 xxx
		406		16	12406 xxx

Material Code

Materials and designs of clamps bodies **XXX**

Polypropylene, profiled inside, with tension clearance **- PP**

Polypropylene, smooth inside, without tension clearance **- PPH** (up to Gr. 6 S)

Polyamide, profiled inside, with tension clearance **- PA**

Polyamide, smooth inside, without tension clearance **- PAH** (up to Gr. 6 S)

Santoprene, profiled inside, with tension clearance **- SA** (up to Gr. 6 S)

Santoprene, smooth inside, without tension clearance **- SAH** (up to Gr. 6 S)

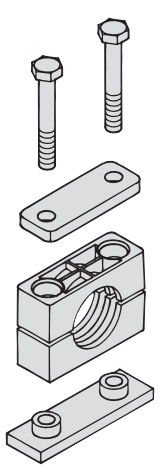
Aluminum, profiled inside, with tension clearance **- AL**

Other thermoplastics and O.D. on request.

Design of clamp bodies see technical appendix, page 48.
Design and order codes for clamps with rubber insert RI see page 30 –
Clamp Accessories –.

acc. to DIN 3015, Part 2

Order Code



SPAL ** *,* xxx DPAL-AS**

Material and design of clamp body

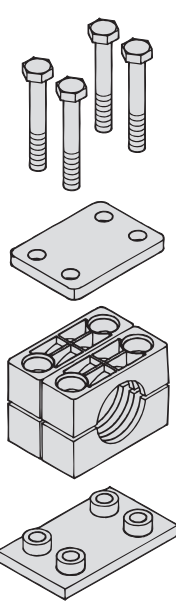
→ Pipe-O.D.

→ STAUFF Group

Clamp consisting of:

- 1 x Weld Plate for Single Clamp
- 1 x Clamp Body (2 halves)
- 1 x Cover Plate for Single Clamp
- 2 x Hexagon Head Bolt DIN 931/933

Order Code



SPAS ** *,* xxx DPAS-AS**

Material and design of clamp body

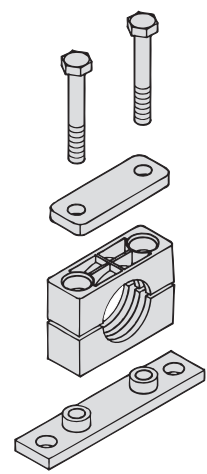
→ Pipe-O.D.

→ STAUFF Group

Clamp consisting of:

- 1 x Weld Plate for Double Clamp
- 2 x Clamp Body (2 halves)
- 1 x Cover Plate for Double Clamp
- 4 x Hexagon Head Bolt DIN 931/933

Order Code



SPAL/DÜB ** *,* xxx DPAL-AS**

Material and design of clamp body

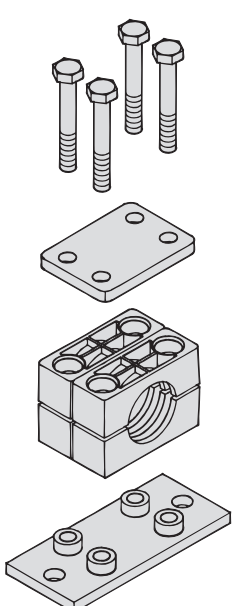
→ Pipe-O.D.

→ STAUFF Group

Clamp consisting of:

- 1 x Elongated Weld Plate for Single Clamp
- 1 x Clamp Body (2 halves)
- 1 x Cover Plate for Single Clamp
- 2 x Hexagon Head Bolt DIN 931/933

Order Code



SPAS/DÜB ** *,* xxx DPAS-AS**

Material and design of clamp body

→ Pipe-O.D.

→ STAUFF Group

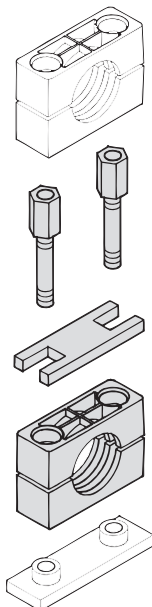
Clamp consisting of:

- 1 x Elongated Weld Plate for Double Clamp
- 2 x Clamp Body (2 halves)
- 1 x Cover Plate for Double Clamp
- 4 x Hexagon Head Bolt DIN 931/933

Group 3S – 9S

Group 10S – 12S

acc. to DIN 3015, Part 2



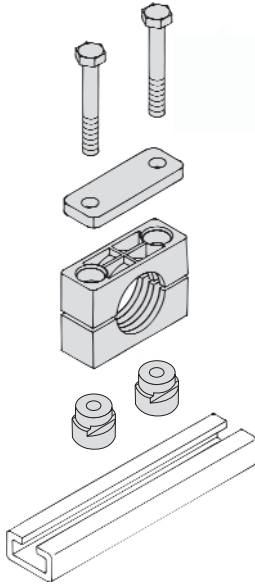
Order Code

**** ***,* xxx SIP-AF**

- ↓ Material and design of clamp body
- ↓ Pipe-O.D.
- STAUFF Group

Clamp consisting of:

- 1 x Clamp Body (2 halves)
- 1 x Safety Locking Plate
- 2 x Stacking Bolt



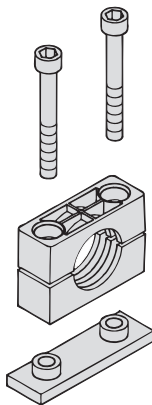
Order Code

GMV ** *,* xxx DPAL-AS**

- ↓ Material and design of clamp body
- ↓ Pipe-O.D.
- STAUFF Group

Clamp consisting of:

- 2 x Mounting Rail Nut
- 1 x Clamp Body (2 halves)
- 1 x Cover Plate for Single Clamp
- 2 x Hexagon Head Bolt DIN 931/933



Order Code

SPAL ** *,* xxx IS**

- ↓ Material and design of clamp body
- ↓ Pipe-O.D.
- STAUFF Group

Clamp consisting of:

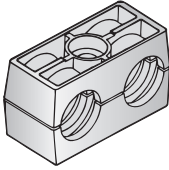
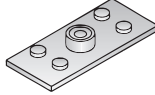
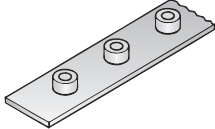
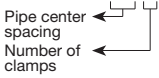
- 1 x Weld Plate for Single Clamp
- 1 x Clamp Body (2 halves)
- 2 x Socket Cap Screw DIN 912

Information

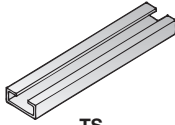

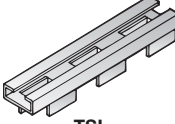

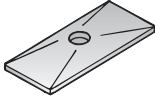



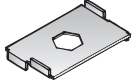
In order to protect hexagon head bolts against unscrew caused by vibrations safety washers acc. to DIN 93 are recommended.

Items are supplied non-assembled.

acc. to **DIN 3015, Part 3**

Material Code							
Materials and designs of clamp bodies XXX Polypropylene profiled inside with tension clearance – PP Polypropylene smooth inside without tension clearance – PPH Polyamide profiled inside with tension clearance – PA Polyamide smooth inside without tension clearance – PAH Other thermoplastics and O.D. on request. Twin clamps with different outside diameters are also available on request.							
Surface finishing (see also technical appendix)					–	DIN 50942 Fe/Znph r 10	–
STAUFF Group	DIN Group	Outside diameter Tube or Hose		Nominal bore Pipe inch	Clamp Body (2 halves) (xxx – see material code)	Single Weld Plate SP	Group Weld Plate RAP
		mm	inch				
1D	1	6			106/06 xxx	SP 1-D	RAP 1-D/40/5 
		6,4	1/4		106,4/6,4 xxx		
		8			108/08 xxx		
		9,5	3/8		109,5/9,5 xxx		
		10		1/8	110/10 xxx		
		12			112/12 xxx		
2D	2	12,7	1/2		212,7/12,7 xxx	SP 2-D	RAP 2-D/58/5
		13,5		1/4	213,5/13,5 xxx		
		14			214/14 xxx		
		15			215/15 xxx		
		16	5/8		216/16 xxx		
		17,2		3/8	217,2/17,2 xxx		
		18			218/18 xxx		
3D	3	19	3/4		319/19 xxx	SP 3-D	RAP 3-D/72/5
		20			320/20 xxx		
		21,3		1/2	321,3/21,3 xxx		
		22	7/8		322/22 xxx		
		25	1		325/25 xxx		
4D	4	26,9		3/4	426,9/26,9 xxx	SP 4-D	RAP 4-D/90/5
		28			428/28 xxx		
		30			430/30 xxx		
5D	5	32	1 1/4		532/32 xxx	SP 5-D	RAP 5-D/112/5
		33,7		1	533,7/33,7 xxx		
		35			535/35 xxx		
		38	1 1/2		538/38 xxx		
		40			540/40 xxx		
		42		1 1/4	542/42 xxx		

acc. to **DIN 3015, Part 3**

▼ Size							for multi-level-assembly, prevents upper clamp from turning
							
	– (TSL z. p.)	–	DIN 50961 Fe/Zn 8 C			–	DIN 50961 Fe/Zn 8 C
Mounting Rail	Hexagon Rail Nut	Cover Plate	Hexagon Head Bolt	Stacking Bolt	Safety Locking Plate	Safety Locking Plate	
TS/TSL	SM	GD	AS DIN 931/933	AF	SI	SIV	
106/06 106,4/6,4 108/08 109,5/9,5 110/10 112/12		SM	GD 1-D	AS 1-D (M6 x 35)	AF 1-D	SI 1-D	SIV 1-D
212,7/12,7 213,5/13,5 214/14 215/15 216/16 217,2/17,2 218/18	TS 11 TS 14 TS 30		GD 2-D	AS 2-D (M8 x 35)	AF 2-D		SIV 2..3-D
319/19 320/20 321,3/21,3 322/22 325/25	TSL 11 (available in 1 and 2 m lengths)	SM 8	GD 3-D	AS 3-D (M8 x 45)	AF 3-D	SI 2..5-D	
426,9/26,9 428/28 430/30			GD 4-D	AS 4-D (M8 x 50)	AF 4-D		
532/32 533,7/33,7 535/35 538/38 540/40 542/42			GD 5-D	AS 5-D (M8 x 60)	AF 5-D		

acc. to DIN 3015, Part 3

Material Code			Clamp Body (2 halves)						Single Weld Plate SP						Group Weld Plate RAP							
Materials and designs of clamp bodies Polypropylene, profiled inside, with tension clearance - PP Polypropylene, smooth inside, without tension clearance - PPH Polyamide, profiled inside, with tension clearance - PA Polyamide, smooth inside, without tension clearance - PAH Other thermoplastics and O.D. on request.			L1	L2	Inside surface		Width	L	B	S	H	øD	G	L1	L2	L3	B	S	H	øD	G	
					profiled	smooth																
STAUFF Group	DIN Group	Pipe-O.D. Ø D1/D2 [mm]			H	S	H															
1D	1	6/6	36	20	27	0,6 min.	26,5	30	37	30	3	6,5	12	M6	196	40	18	30	3	6,5	12	M6
		6,4/6,4																				
		8/8																				
		9,5/9,5																				
		10/10																				
12/12																						
2D	2	12,7/12,7	53	29	27	0,7 min.	26,5	30	55	30	5	6	14	M8	288	58	28	30	5	6	14	M8
		13,5/13,5																				
		14/14																				
		15/15																				
		16/16																				
17,2/17,2																						
18/18																						
3D	3	19/19	67	36	37	0,7 min.	36,5	30	70	30	5	6	14	M8	358	72	35	30	5	6	14	M8
		20/20																				
		21,3/21,3																				
		22/22																				
25/25																						
4D	4	26,9/26,9	80	45	40	0,7 min.	38	30	85	30	5	6	14	M8	445	90	42	30	5	6	14	M8
		28/28																				
30/30																						
5D	5	32/32	106	56	53	0,7 min.	52	30	110	30	5	6	14	M8	558	112	55	30	5	6	14	M8
		33,7/33,7																				
		35/35																				
		38/38																				
		40/40																				
42/42																						

acc. to **DIN 3015, Part 3**

Size	Mounting Rail				Hexagon Rail Nut						Cover Plate					Hexagon Head Bolt	Stacking Bolt					Safety Locking Plate				Safety Locking Plate				
	TS/TSL				SM						GD					AS	AF					SI				SIV				
	Nominal Size	B1	B2	S	L	B	H1	H2	∅D	G	L	B	H	S	∅D	G x L	G	L1	L2	L3	SW	L	B1	B2	S	L	B1	B2	S	H
6/6 6,4/6,4 8/8 9,5/9,5 10/10 12/12					25,4	10,4	13	5	12	M6	34	30	7	3	7	M6 x 35	M6	34	20	12 min.	11	27	22	11,1	0,5	27	28	11,1	1	7
12,7/12,7 13,5/13,5 14/14 15/15 16/16 17,2/17,2 18/18	TS 11										52	30	7	3	9	M8 x 35	M8	33	20	12 min.	12	27	22	12,1	0,5	45	28	12,1	1	7
19/19 20/20 21,3/21,3 22/22 25/25	TS 14 TS 30 TSL 11	28	11	2							65	30	7	3	9	M8 x 45	M8	44	29	12 min.	12	27	22	12,1	0,5	45	28	12,1	1	7
26,9/26,9 28/28 30/30					25,4	10,4	14	5	14	M8						M8 x 50	M8	49	34	12 min.	12	27	22	12,1	0,5					
32/32 33,7/33,7 35/35 38/38 40/40 42/42											102	30	7	3	9	M8 x 60	M8	61	46	12 min.	12	27	22	12,1	0,5					

acc. to DIN 3015, Part 3

STAUFF Group	DIN Group	Outside diameter Tube or Hose		Nominal bore Pipe inch	Clamp Body (2 halves) (xxx – see material code)
		mm	inch		
1D	1	6			106/06 xxx
		6,4	1/4		106,4/6,4 xxx
		8			108/08 xxx
		9,5	3/8		109,5/9,5 xxx
		10		1/8	110/10 xxx
		12			112/12 xxx
2D	2	12,7	1/2		212,7/12,7 xxx
		13,5		1/4	213,5/13,5 xxx
		14			214/14 xxx
		15			215/15 xxx
		16	5/8		216/16 xxx
		17,2		3/8	217,2/17,2 xxx
		18			218/18 xxx
3D	3	19	3/4		319/19 xxx
		20			320/20 xxx
		21,3		1/2	321,3/21,3 xxx
		22	7/8		322/22 xxx
		25	1		325/25 xxx
4D	4	26,9		3/4	426,9/26,9 xxx
		28			428/28 xxx
		30			430/30 xxx
5D	5	32	1 1/4		532/32 xxx
		33,7		1	533,7/33,7 xxx
		35			535/35 xxx
		38	1 1/2		538/38 xxx
		40			540/40 xxx
		42		1 1/4	542/42 xxx

Material Code

Materials and designs of clamp bodies **XXX**

Polypropylene, profiled inside, with tension clearance **- PP**

Polypropylene, smooth inside, without tension clearance **- PPH**

Polyamide, profiled inside, with tension clearance **- PA**

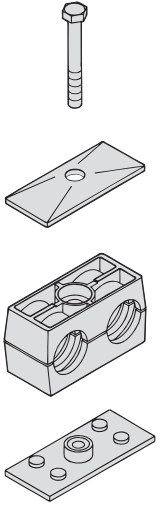
Polyamide, smooth inside, without tension clearance **- PAH**

Other thermoplastics and O.D. on request.

Twin clamps with different outside diameters are also available on request.

Design of clamp bodies see technical appendix, page 48.

acc. to DIN 3015, Part 3



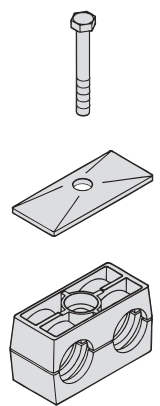
Order Code

SP *,*/**,* xxx GD-AS**

- Material and design of clamp body
- Pipe-O.D. 2
- Pipe-O.D. 1
- STAUFF Group

Clamp consisting of:

- 1 x Single Weld Plate
- 1 x Clamp Body (2 halves)
- 1 x Cover Plate
- 1 x Hexagon Head Bolt DIN 931/933



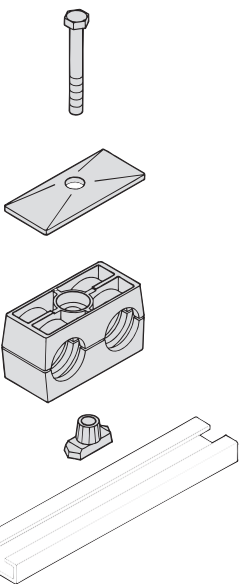
Order Code

*****,*/**,* xxx GD-AS**

- Material and design of clamp body
- Pipe-O.D. 2
- Pipe-O.D. 1
- STAUFF Group

Clamp consisting of:

- 1 x Clamp Body (2 halves)
- 1 x Cover Plate
- 1 x Hexagon Head Bolt DIN 931/933



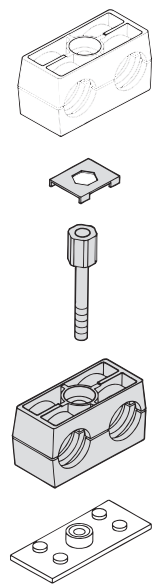
Order Code

SM *,*/**,* xxx GD-AS**

- Material and design of clamp body
- Pipe-O.D. 2
- Pipe-O.D. 1
- STAUFF Group

Clamp consisting of:

- 1 x Hexagon Rail Nut
- 1 x Clamp Body (2 halves)
- 1 x Cover Plate
- 1 x Hexagon Head Bolt DIN 931/933



Order Code

*****,*/**,* xxx SI-AF**

- Material and design of clamp body
- Pipe-O.D. 2
- Pipe-O.D. 1
- STAUFF Group

Clamp consisting of:

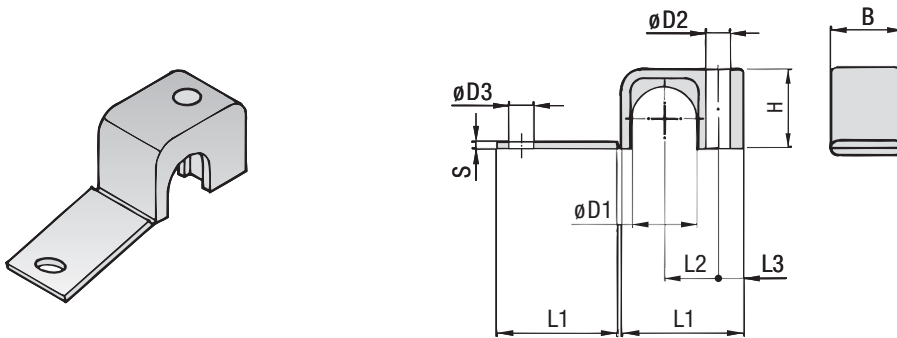
- 1 x Clamp Body (2 halves)
- 1 x Stacking Bolt
- 1 x Safety Locking Plate

Information

Items are supplied non-assembled.

Applications: Pneumatics, Instrumentation and Automotive Technology, Machine Tool Industry, Lubrication, Mechanical Engineering

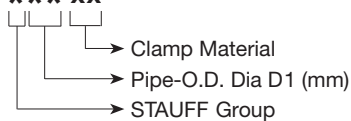
Type LB



STAUFF Group	Outside diameter Tube or Hose Ø D1 mm	Nominal bore Pipe inch	L1	L2	L3	B	H	S	øD2	øD3	Clamp Material XX	Colour		
1	06		22	9	6,5	12	10,5	2	6,8	7	PP	black		
	06,4	1/4									PA	yellow		
	08													
2	09,5	3/8	27	11	7	16	15	2	6,8	7	PP	black		
	10	1/8									PA	yellow		
	12													
3	12,7	1/2	34	15	7	20	22,5	2	6,8	7	PP	black		
	13,5	1/4											PA	yellow
	14													
	15													
	16	5/8												
	17,2	3/8												
18														
4	19	3/4	42	19	7	20	30	2	6,8	7	PP	black		
	20												PA	yellow
	21,3	1/2												
	22													
	25	1												

Order Code

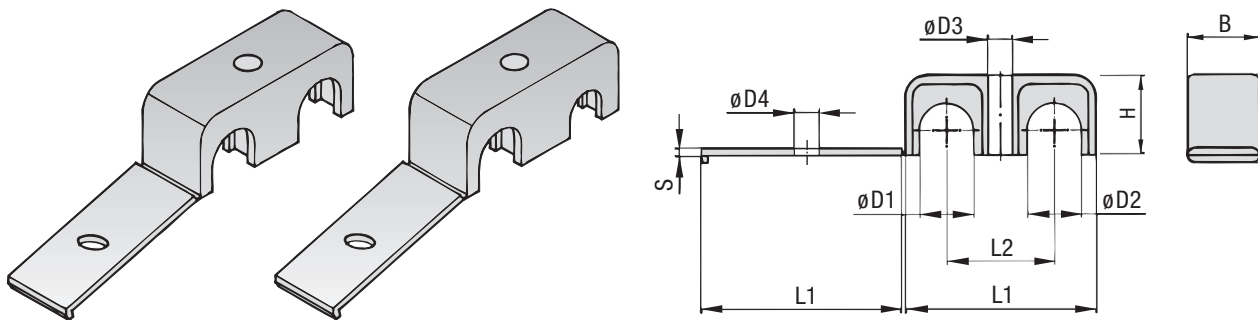
LB *** xx



Other thermoplastics and O.D. on request.

Applications: Pneumatics, Instrumentation and Automotive Technology, Machine Tool Industry, Lubrication, Mechanical Engineering

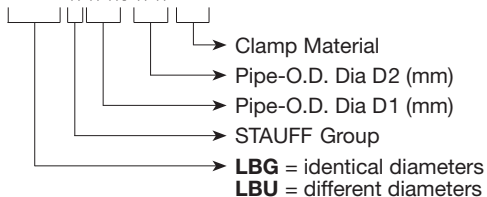
Type LBG (identical diameters) · **Type LBU** (different diameters)



STAUFF Group	Outside diameter Tube or Hose Ø D1/D2		Nominal bore Pipe inch	L1	L2	B	H	S	øD3	øD4	Material XX	Clamp Colour		
	mm	inch												
1	06/06			31	18	12	10,5	2	6,8	7	PP	black		
	06,4/06,4	1/4 / 1/4									PA	yellow		
	08/08													
2	09,5/09,5	3/8 / 3/8		39	22	16	14,5	2	6,8	7	PP	black		
	10/10		1/8 / 1/8								PA	yellow		
	12/12													
3	12,7/12,7	1/2 / 1/2		53	30	20	22,5	2	6,8	7	PP	black		
	13,5/13,5		1/4 / 1/4										PA	yellow
	14/14													
	15/15													
	16/16	5/8 / 5/8												
	17,2/17,2		3/8 / 3/8											
18/18														
4	19/19	3/4 / 3/4		70	38	20	30	2	6,8	7	PP	black		
	20/20												PA	yellow
	21,3/21,3		1/2 / 1/2											
	22/22													
	25/25	1 / 1												

Order Code

LBx ***/** xx



Type

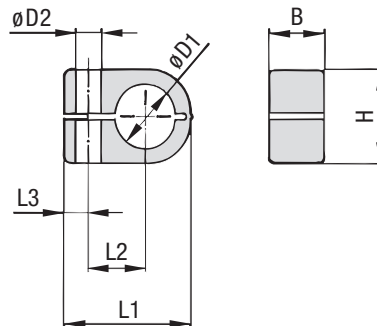
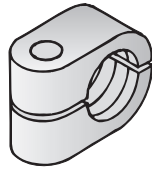
- LBG** Double pipe clamp for two identical diameters
LBU Double pipe clamp for two different diameters

Other thermoplastics and O.D. on request.

Applications:

Pneumatics, Instrumentation and Automotive Technology, Machine Tool Industry, Lubrication, Mechanical Engineering. Also suitable for cables and hoses.

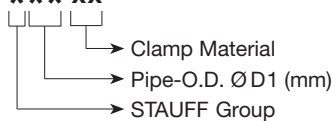
Type LN



STAUFF Group	Outside diameter Tube or Hose $\phi D1$		Nominal bore Pipe inch	L1	L2	L3	B	H	$\phi D2$	Clamp Material XX	Colour
	mm	inch									
1	06			22	9	7	14,5	13,5	6,8	PP PA	green black
	06,4	1/4									
	08										
2	08			27	11	7	14,5	18,5	6,8	PP PA	green black
	09,5	3/8									
	10		1/8								
	12										
3	12,7	1/2		33	15	7	14,5	23,5	6,8	PP PA	green black
	10		1/8								
	12										
	13,5		1/4								
	14										
	15										
4	16	5/8		40	19	7	14,5	30,5	6,8	PP PA	green black
	14										
	15										
	17,2		3/8								
	18										
	19	3/4									
	20										
	21,3		1/2								
22											

Order Code

LN *** xx

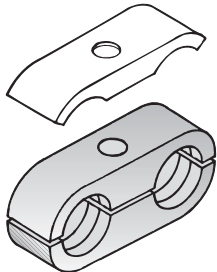


Other thermoplastics and O.D. on request.

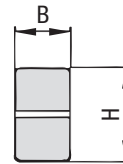
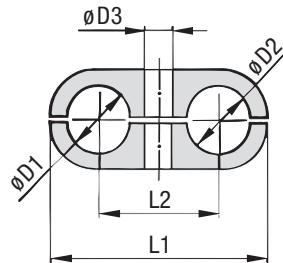
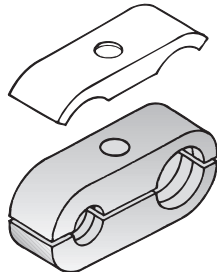
Applications:

Pneumatics, Instrumentation and Automotive Technology, Machine Tool Industry, Lubrication, Mechanical Engineering. Also suitable for cables and hoses.

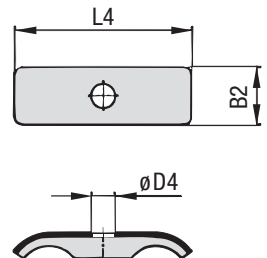
Type LNG (identical diameters)



Type LNU (different diameters)



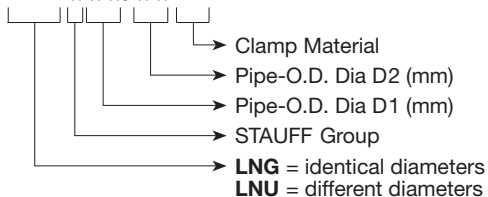
DPL



STAUFF Group	Outside diameter Tube or Hose $\varnothing D1/D2$		Nominal bore Pipe inch	L1	L2	B	H	$\varnothing D3$	L4	B2	$\varnothing D4$	Clamp Material XX	Colour	Cover Plate
	mm	inch												
1	06/06			32	18	14,5	13,5	6,8	29	15,5	6,8	PP PA	green black	DPL 1
	06,4/06,4	1/4 / 1/4												
	08/08													
2	08/08			41	22	14,5	18,5	6,8	40	16,5	6,8	PP PA	green black	DPL 2
	09,5/09,5	3/8 / 3/8												
	10/10		1/8 / 1/8											
	12/12													
3	12,7/12,7	1/2 / 1/2		54	30	14,5	23,5	6,8	49,5	16	6,8	PP PA	green black	DPL 3
	10/10		1/8 / 1/8											
	12/12													
	13,5/13,5		1/4 / 1/4											
	14/14													
	15/15													
4	16/16	5/8 / 5/8		70	38	14,5	30,5	6,8	62,5	16	6,8	PP PA	green black	DPL 4
	14/14													
	15/15													
	17,2/17,2		3/8 / 3/8											
	18/18													
	19/19	3/4 / 3/4												
	20/20													
	21,3/21,3		1/2 / 1/2											
22/22														

Order Code

LNx ***/** xx



Type

LNG Double pipe clamp for two identical diameters

LNU Double pipe clamp for two different diameters (on request only)

Accessories

Cover Plate DPL
Steel zinc plated

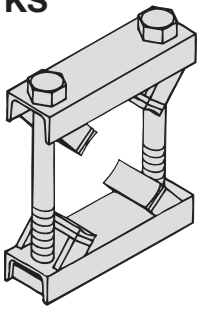
Information

Max. tightening torque: 2,5 Nm

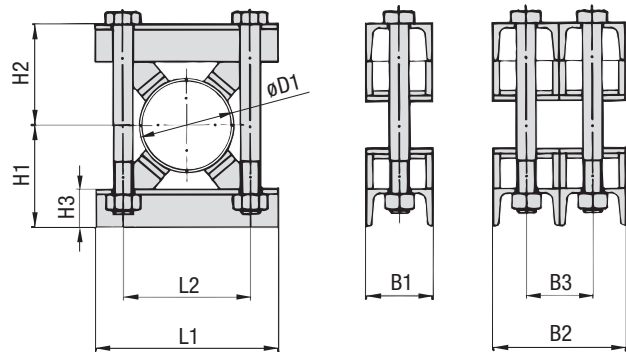
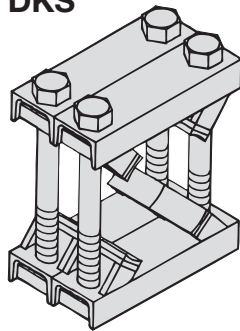
Other thermoplastics and O.D. on request.

Two-part weld-construction with plastic pads

KS

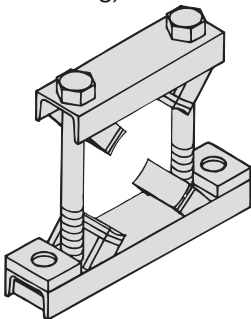


DKS



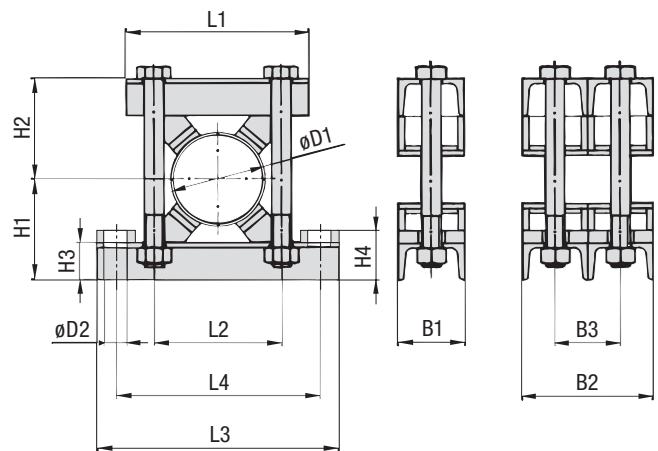
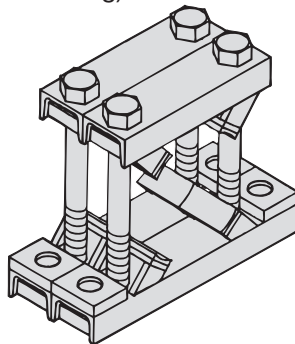
KSV

(for anchor bolt fastening)



DKSV

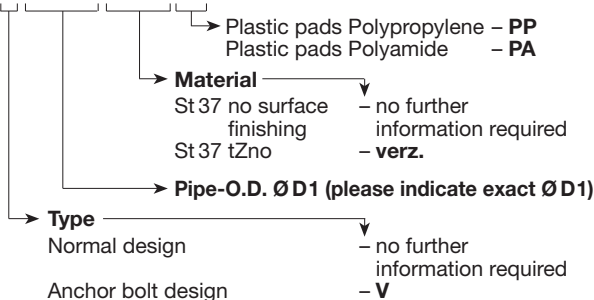
(for anchor bolt fastening)



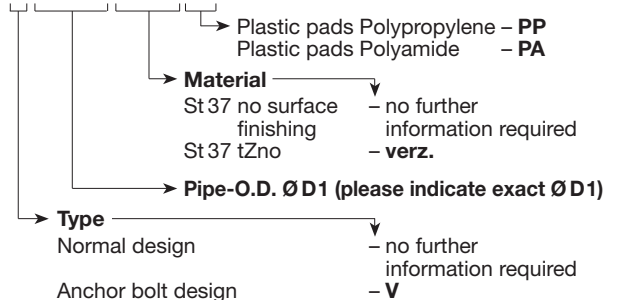
Pipe-O.D. Ø D1	L1	L2	L3	L4	H1	H2	H3	H4	B1	B2	B3	D2	Hexagon Head Bolt	Number of plastic pads
220 bis 275	420	330	580	490	220	220	60	90	140	280	140	35	M30 x 420	4
276 bis 325	460	370	620	530	240	240	60	90	140	280	140	35	M30 x 460	4
326 bis 370	510	420	670	580	260	260	60	90	140	280	140	35	M30 x 500	4
371 bis 425	570	480	750	640	290	290	60	90	140	280	140	35	M30 x 560	4
426 bis 485	620	530	800	730	305	305	60	90	140	280	140	35	M30 x 590	4
486 bis 550	680	590	860	790	370	370	60	90	140	280	140	35	M30 x 720	5
551 bis 630	760	670	940	870	410	410	60	90	140	280	140	35	M30 x 800	5
631 bis 715	845	755	1025	955	452	452	60	90	140	280	140	35	M30 x 884	5
716 bis 800	940	850	1120	1050	495	495	60	90	140	280	140	35	M30 x 970	5

Order Code

KSx ** xxxx xx**

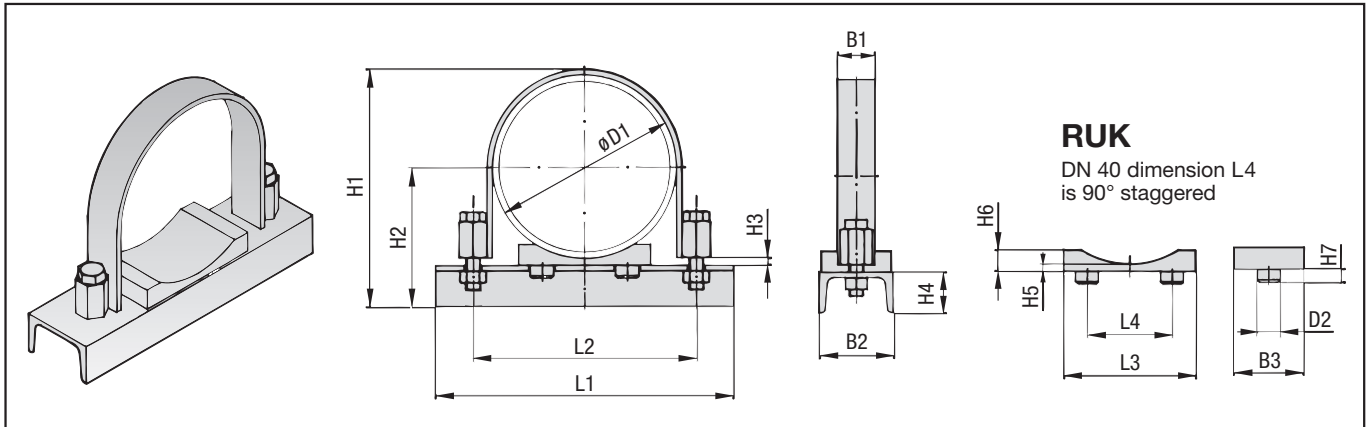


DKSx ** xxxx xx**



Other materials and O.D. on request.

with plastic pipe saddle Type RUK and U-profile (to be used as fixed point clamps only!)

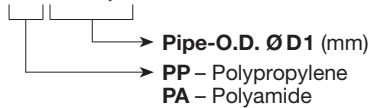


DN	Pipe-O.D. ØD1		Flat Steel U-Bolt Clamp FB						U-profile	Plastic Pipe Saddle RUK							Accessories									
	mm	Nominal Bore	L1	L2	H1	H2	H3	B1 Flat Steel	B2 x H4	L3	L4	B3	D2	H5	H6	H7	Hexagon Head Bolts									
40	48,3	1 1/2	100	76	95	67	5	20 x 3	DIN 1026 50 x 38	24	25	35	8	5	8	5	M10 x 40									
50	57	2	115	85	103	71,5				38	25	50	10		10	6										
	60,3			88	106	73,2				5	10	6														
65	76,1	2 1/2	132	104	122	81	8	40 x 4	DIN 1026 80 x 45	75	40	70	15	17	10	M12 x 55										
80	88,9	3	160	122	146	97,5																				
100	108	4	170	140	165	107																				
	114,3		180	147	171	110																				
125	133	5	210	165	190	119,5																				
	139,7			172	197	123																				
150	159	6	265	201	220	132,5																				
	168,3		275	211	230	137																				
175	193,7	8	305	236	255	150											40 x 6	80 x 45	140	90	75	25	8	26	10	M16 x 75
200	216	8	320	260	277	161																				
	219,1			261	280	162,5																				
250	267	10	380	325	328	186,5	40 x 8	80 x 45	220	150	30	8	32	10	M20 x 80											
	273		385	330	334	189,5																				
300	318	12	440	375	384	212																				
	323,9		450	382	390	215																				
350	355,6	14	480	420	421	236	12	60 x 8	DIN 1026 100 x 50	220	150	75	30	8	32	10	M24 x 100									
	368		490	430	434	242																				
400	406,4	16	550	470	472	261																				
	419			482	485	267,5																				
500	457	18	585	520	523	286,5																				
	508			630	570	574												312								
	521			640	585	587												319								

Order Code

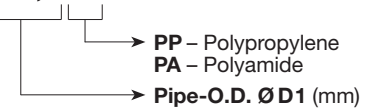
FB + RUK complete

FB + RUK/xx *,***



Plastic pipe saddle

RUK *,* xx**



Clamp consisting of: (for FB + RUK only)

- 1 x Flat steel U-bolt clamp
- 1 x RUK/xx
- 1 x U-profile c/w nuts
- 2 x Hexagon head bolts DIN 931/933

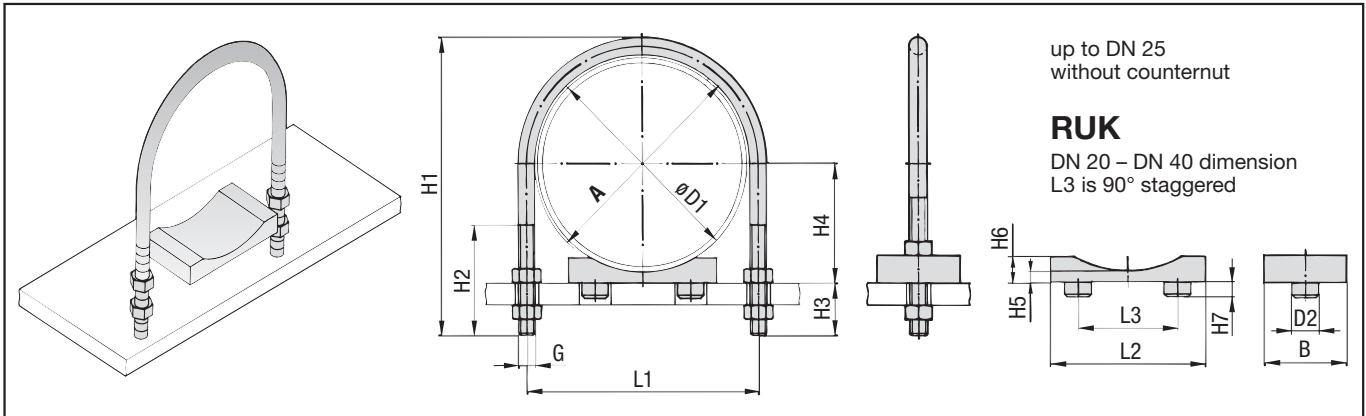
Material

Metal parts: St 37, no surface finishing
Other materials and surface finishings on request.

Information

Items are supplied non-assembled.

with plastic pipe saddle – short – RUK



DN	Pipe-O.D. ØD1		Round Steel U-Bolt RB							Plastic Pipe Saddle RUK						
	mm	Nominal Bore	A	L1	H1	H2	H3	H4	G	L2	L3	B	H5	H6	H7	D2
20	25	3/4	30	40	73,5	46	30	17,5	M10	24	25	35	5	8	5	8
	18,5															
25	30	1	38	48	81	50	30	20	M10	24	25	35	5	8	5	8
	22															
32	33,7	1 1/4	46	56	89	55	35	24	M10	24	25	35	5	8	5	8
	26,2															
40	42,4	1 1/2	52	62	100	55	35	27,2	M12	38	50	50	10	6	10	10
	29															
50	57	2	64	76	118	63	39	33,5	M12	38	50	50	10	6	10	10
	35,2															
65	76,1	2 1/2	82	94	135	77	41	43	M16	75	40	70	17	6	10	15
	62															
80	88,9	3	94	106	152	82	41	52,5	M16	75	40	70	17	6	10	15
	65															
100	108	4	120	136	190	105	49	62	M16	75	40	70	17	6	10	15
	65															
125	114,3	5	148	164	217	105	49	74,5	M16	75	40	70	17	6	10	15
	78															
150	133	6	176	192	247	125	51	87,5	M20	140	90	75	8	10	25	25
	92															
175	168,3	10	202	218	273	125	59	105	M20	140	90	75	8	10	25	25
	116															
200	193,7	8	228	248	311	125	59	117,5	M20	140	90	75	8	10	25	25
	144,5															
250	216	12	282	302	364	125	62	141,5	M20	140	90	75	8	10	25	25
	167															
300	219,1	14	332	352	418	125	62	170	M20	140	90	75	8	10	25	25
	170															
350	267	16	378	402	475	145	70	186	M24	220	150	32	32	6	10	30
	192															
400	318	20	428	452	526	145	70	211	M24	220	150	32	32	6	10	30
	217,5															
500	323,9	20	530	554	627	145	70	236,5	M24	220	150	32	32	6	10	30
	262															
	521							269								

Order Code

RB + RUK complete

RBxxxx RUK/xx ***,*

- Pipe-O.D. ØD1 (mm)
- PP – Polypropylene
- PA – Polyamide
- Material
- St 37 no surface finishing
- St 37 Fe/Zn 8 C
- St 37 plastic coated
- Stainless steel 1.4571
- no further information required
- verz.
- rils.
- 1.4571

Clamp consisting of:
1 x Round Steel U-Bolt, 4 x Nuts DIN 934,
1 x Plastic Pipe Saddle RUK/xx

Round Steel U-Bolt

RBxxxx A *** kompl

- Dimension A
- Material
- St 37 no surface finishing
- St 37 Fe/Zn 8 C
- St 37 plastic coated
- Stainless steel 1.4571 – 1.4571
- no further information required
- verz.
- rils.

Clamp consisting of:
1 x Round Steel U-Bolt
4 x Nuts DIN 934

Plastic Pipe Saddle

RUK ***,* xx

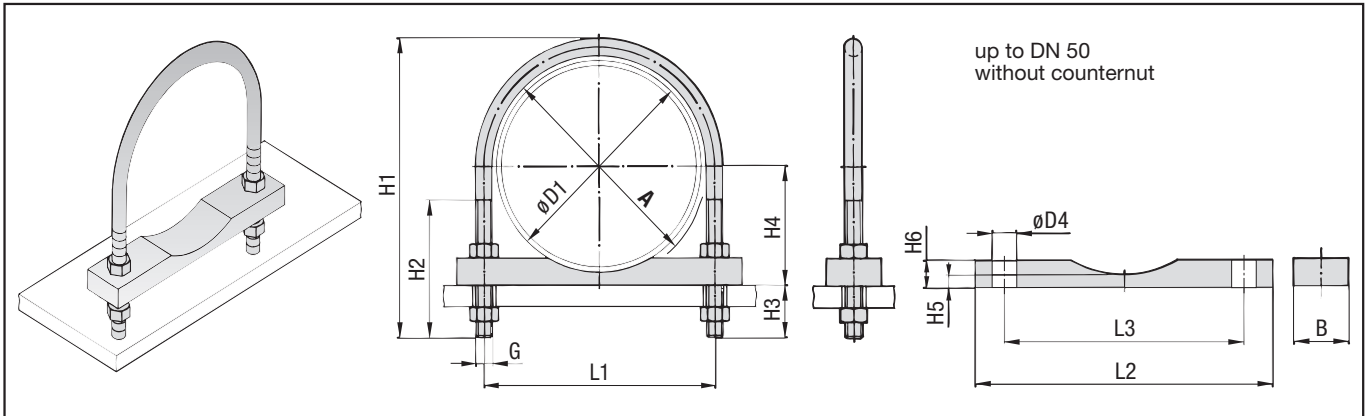
- PP – Polypropylene
- PA – Polyamide
- Pipe-O.D. ØD1 (mm)

Information

Items are supplied non-assembled.

Other materials and surface finishings on request.

with plastic pipe saddle – long – RUL



DN	Pipe-O.D. ØD1		Round Steel U-Bolt RB							Plastic Pipe Saddle RUL					
	mm	Nominal Bore	A	L1	H1	H2	H3	H4	G	L2	L3	B	H5	H6	øD4
20	25	3/4	30	40	73,5	46		17,5			75	40			
	26,9							18,5							
25	30	1	38	48	81		30	20	M10		80	48	30		12
	33,7							22							
32	38	1 1/4	46	56	89			24			90	56		5	
	42,4							26,2							
40	44,5	1 1/2	52	62	100	55	35	27,2			95	62			15
	48,3							29							
50	57	2	64	76	118	63		33,5	M12		110	76	35		
	60,3							35,2							
65	76,1	2 1/2	82	94	135	77	39	43			135	94			14
	88,9							54,5							
80	88,9	3	94	106	152	82		64			145	106			
	100							67							
100	108	4	120	136	190			76,5	M16		190	136	40	10	20
	114,3							80							
125	133	5	148	164	217		105	91,5			220	164			18
	139,7							96							
150	159	6	176	192	247			109			250	192			
	168,3							120							
175	193,7		202	218	273			121,5			270	218			
	200							145,5							
200	216	8	228	248	311			148,5	M20		315	248	50	12	25
	219,1							174							
250	267	10	282	302	364	125	55	177			370	302			22
	273							193							
300	318	12	332	352	418			199			420	352			
	323,9							218							
350	355,6	14	378	402	475			224,5	M24		480	402	60	15	30
	368							236,5							
400	406,4	16	428	452	526	145	63	269			540	452			26
	419							276							
500	457		530	554	627						640	554			
	508														
	521														

Order Code

RB + RUL complete

RBxxxx RUL/xx ***,*

↳ Pipe-O.D. ØD1 (mm)
 ↳ PP – Polypropylene
 ↳ PA – Polyamide
 ↳ Material
 St 37 no surface finishing
 St 37 Fe/Zn 8 C
 St 37 plastic coated
 Stainless steel 1.4571
 - no further information required
 - verz.
 - rils.
 - 1.4571

Clamp consisting of:
 1 x Round Steel U-Bolt, 4 x Nuts DIN 934,
 1 x Plastic Pipe Saddle RUL/xx

Round Steel U-Bolt

RBxxxx A ***, kompl

↳ Dimension A
 ↳ Material
 St 37 no surface finishing
 St 37 Fe/Zn 8 C
 St 37 plastic coated
 Stainless steel 1.4571 – 1.4571
 - no further information required
 - verz.
 - rils.

Clamp consisting of:
 1 x Round Steel U-Bolt
 4 x Nuts DIN 934

Plastic Pipe Saddle

RUL ***,* xx

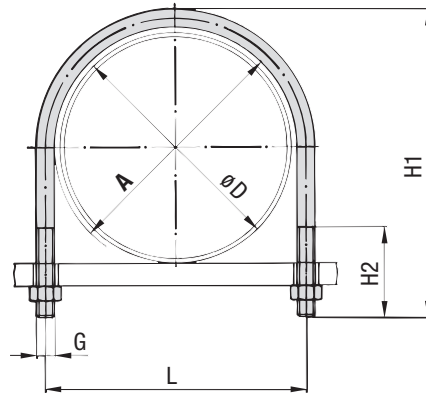
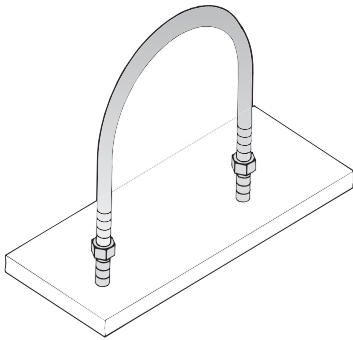
↳ PP – Polypropylene
 ↳ PA – Polyamide
 ↳ Pipe-O.D. ØD1 (mm)

Information

Items are supplied non-assembled.

Other materials and surface finishings on request.

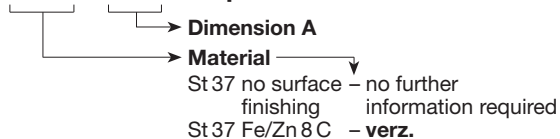
acc. to DIN 3570, Type A



DN	Pipe-O.D. Ø D		Round Steel U-Bolt RBD				
	mm	Nominal Bore	A	L	H1	H2	G
20	25		30	40	70	40	M10
	26,9	3/4					
25	30		38	48	76	50	
	33,7	1					
32	38		46	56	86	60	
	42,4	1 1/4					
40	44,5		52	62	92	70	
	48,3	1 1/2					
50	57		64	76	109	80	
	60,3	2					
65	76,1		82	94	125	90	
	88,9	2 1/2					
80	88,9		94	106	138	100	
	108	3					
100	114,3		120	136	171	110	
	133	4					
125	139,7		148	164	191	120	
	159	5					
150	168,3		176	192	217	130	
	193,7	6					
175	193,7		202	218	249	140	
	216	7					
200	219,1		228	248	283	150	
	267	8					
250	273		282	302	334	160	
	318	10					
300	323,9		332	352	385	170	
	355,6	12					
350	368		378	402	435	180	
	406,4	14					
400	419		428	452	487	190	
	508	16					
500	521		530	554	589	200	

Order Code

RBDxxxx A *** kompl



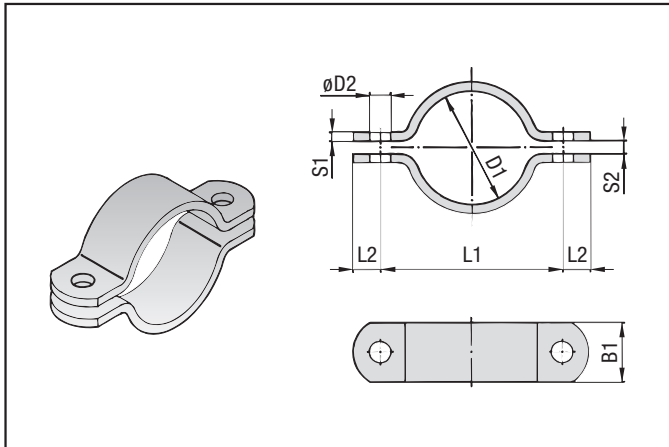
Clamp consisting of:
 1 x Round Steel U-Bolt
 2 x Nuts DIN 934

Other materials and surface finishings on request.

Information
 Items are supplied non-assembled.

Metal Pipe Clamps

acc. to **DIN 3567 Type A**



STAUFF Group D1	Nominal Size		L1	L2	S1	S2	D2	B1	Accessories Hexagon Head Bolts Hexagon Nuts						
	mm	Pipe													
20	15		57	15	5	7	11,5	30	M10 x 30 M10						
22			59												
25	20		62												
27		3/4	66												
30	25		68												
34		1	72												
38	32		76												
43		1 1/4	82												
45	40		84												
49		1 1/2	88												
57	50		104	18	6	9	14	40	M12 x 35 M12						
61		2	108												
77	65	2 1/2	122												
89	80	3	136												
108	100		172							24	8	11	18	50	M16 x 45 M16
115		4	178												
133	125		196												
140			204												
159	150		222												
169			232												
194	175		258												
216	200		280												
220			284												
267	250		342	30	8	14	23	60	M20 x 50 M20						
273			348												
318	300		392												
324			398												
368	350		444												
407	400		498							36	10	18	27	70	M24 x 60 M24
419			510												
521	500		614												

Order Code

DIN 3567 A - ***

→ STAUFF Group D1

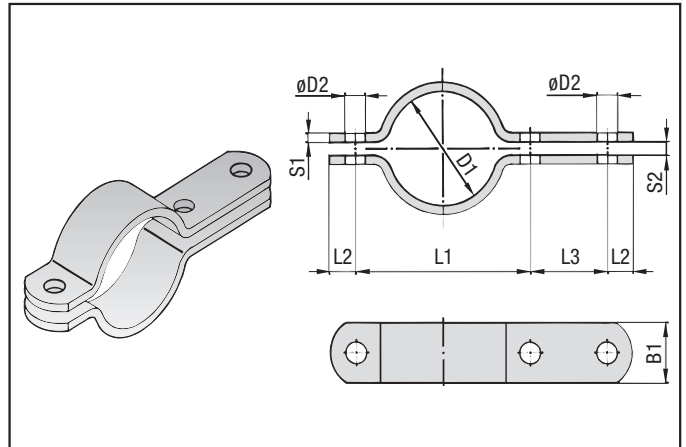
Material:

St37, no surface finishing

Other materials, O.D. and surface finishings on request.

Bolts and nuts do not belong to the delivery standard.

acc. to **DIN 3567 Type B**



STAUFF Group D1	Nominal Size		L1	L2	L3	S1	S2	D2	B1	Accessories Hexagon Head Bolts Hexagon Nuts							
	mm	Pipe															
20	15		57	15	46	5	7	11,5	30	M10 x 30 M10							
22			59														
25	20		62														
27		3/4	66														
30	25		68														
34		1	72														
38	32		76														
43		1 1/4	82														
45	40		84														
49		1 1/2	88														
57	50		104	18	54	6	9	14	40	M12 x 35 M12							
61		2	108														
77	65	2 1/2	122														
89	80	3	136														
108	100		172								24	70	8	11	18	50	M16 x 45 M16
115		4	178														
133	125		196														
140			204														
159	150		222														
169			232														
194	175		258														
216	200		280														
220			284														
267	250		342	30	86	8	14	23	60	M20 x 50 M20							
273			348														
318	300		392														
324			398														
368	350		444														
407	400		498								36	104	10	18	27	70	M24 x 60 M24
419			510														
521	500		614														

Order Code

DIN 3567 B - ***

→ STAUFF Group D1

Material:

St37, no surface finishing

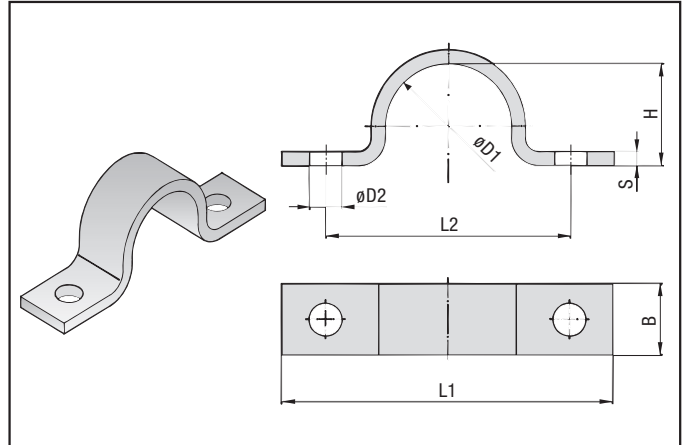
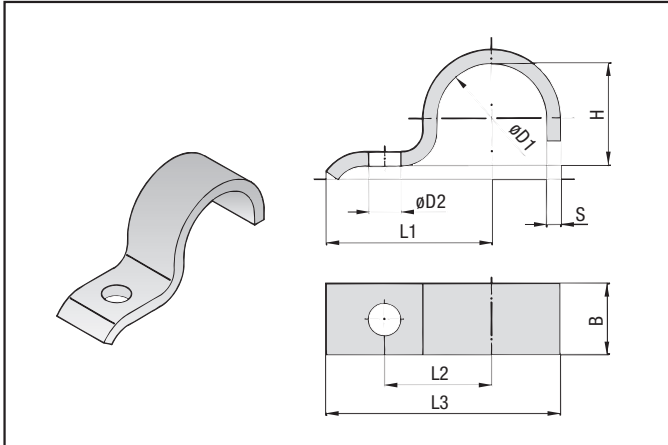
Other materials, O.D. and surface finishings on request.

Bolts and nuts do not belong to the delivery standard.

Heavy Saddles

acc. to **DIN 1592**

acc. to **DIN 1593**



STAUFF Group ØD1	Diameter range	L1	L2	L3	H	D2	B	S
7	5,5 – 7	22	14	27,5	5	6,6	16	2
9	7 – 9	27	18	33,5	6		20	
13	9,5 – 13	40	25	49,5	9	11	25	3
15,5	13 – 15,5	41	26	52	12			
19	15,5 – 19	43	28	55,5	15			
23	20 – 23	51	35	67	19			
26	23 – 26	52	36	70	22	14	30	5
28,5	26 – 28,5	53	37	73	24			
31	28,5 – 31	55	39	75,5	27			
36	33 – 36	57	41	81	32			
39	36 – 39	59	43	83,5	34	14	40	5
43	39 – 43	68	48	94,5	38			
46	43 – 46	70	50	98	41	18	40	5
49	46 – 49	73	53	105,5	44			
52*	49 – 52	76	56	110	47	18	40	8
58	53 – 58	78	58	115	52			
61	58 – 61	80	60	118,5	57			

STAUFF Group ØD1	Diameter range	L1	L2	H	D2	B	S
7	5,5 – 7	44	28	5	6,6	16	2
9	7 – 9	48	32	6		20	
13	9,5 – 13	52	36	9	11	25	3
15,5	13 – 15,5	56	40	12			
19	15,5 – 19	60	44	15			
23	20 – 23	82	56	19			
26	23 – 26	84	58	22	14	30	5
28,5	26 – 28,5	90	64	24			
31	28,5 – 31			27			
36	33 – 36	106	80	32			
39	36 – 39	110	84	34	14	40	5
43	39 – 43	120	88	38			
46	43 – 46	122	90	41	18	40	5
49	46 – 49			44			
58	53 – 58	142	110	52			
61	58 – 61			57			
71	67 – 71	152	120	66	18	40	8
77	73 – 77	176	136	72			
81	77 – 81	184	144	76	18	40	8
91	86 – 91	198	158	85			
103	99 – 103	214	174	98			
109	105 – 109	220	180	104			
115	110 – 115	226	186	109			

* similar to DIN 1592

Order Code

DIN 1592-***



Material and surface finishing

STAUFF Group 7 – 49 St 37 Fe/Zn 8 C
 STAUFF Group 52 – 61 St 37 no surface finishing
 (Surface finishing on request only)

Other materials and diameters on request.

Order Code

DIN 1593-***



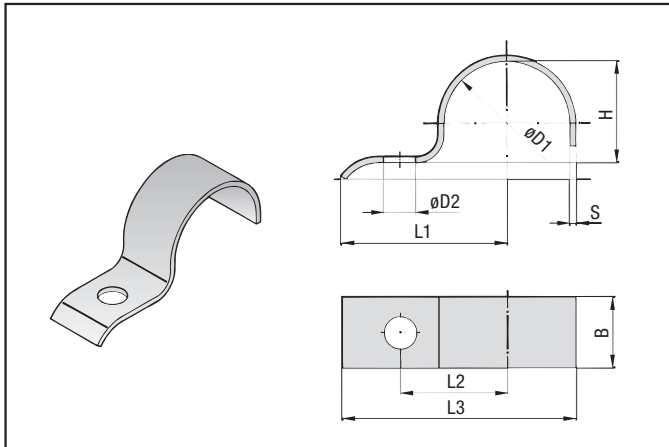
Material and surface finishing

STAUFF Group 7 – 77 St 37 Fe/Zn 8 C
 STAUFF Group 81 – 115 St 37 no surface finishing
 (Surface finishing on request only)

Other materials and diameters on request.

Light Saddles

acc. to **DIN 1596**



STAUFF Group ØD1	Diameter range	L1	L2	L3	H	D2	B	S
7	5,5 – 7	26	14	31,5	5	6,6	16	2
9	7 – 9	28	16	34,5	6			
13	9,5 – 13	30	18	38,5	9			
15,5	13 – 15,5	32	20	41,75	12			
19	15,5 – 19	34	22	45,5	15			
23	20 – 23	43	28	57,5	19	9	25	3
26	23 – 26	44	29	60	22			
28,5	26 – 28,5	47	32	64,25	24			
31	28,5 – 31			65,5	27			
33*	31 – 33	56	36	75,5	29			
36	33 – 36	57	40	78	32	11	30	3
39	36 – 39	59	42	81,5	34			
43	39 – 43	61	44	85,5	38			
46	43 – 46	62	45	88	41			
49	46 – 49	67	48	95,5	44			
52*	49 – 52	72	53	102	47	14	40	4
58	53 – 58	74	55	107	52			
61	58 – 61	77	58	111,5	56			

* similar to DIN 1596

Order Code

DIN 1596 - ***

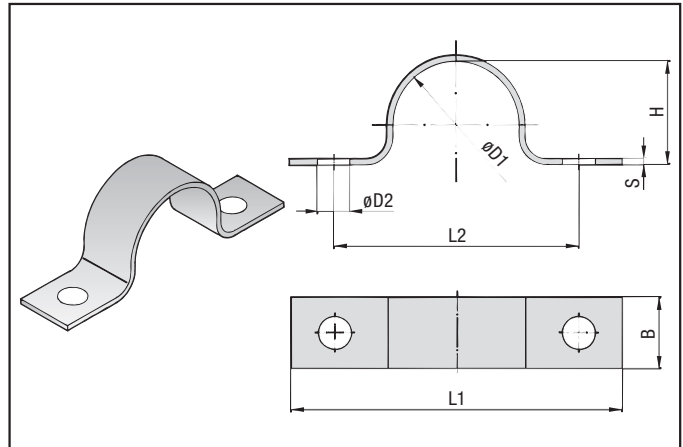
→ STAUFF Group ØD1

Material and surface finishing

St37, Fe/Zn8C

Other materials and diameters on request.

acc. to **DIN 1597**



STAUFF Group ØD1	Diameter range	L1	L2	H	D2	B	S
7	5,5 – 7	44	28	5	5,5	16	1,5
9	7 – 9	48	32	6			
13	9,5 – 13	52	36	9			
15,5	13 – 15,5	56	40	12			
19	15,5 – 19	60	44	15			
23	20 – 23	76	56	19	6,6	20	2
26	23 – 26	78	58	22			
28,5	26 – 28,5	84	64	24			
31	28,5 – 31			27			
33*	31 – 33	92	72	29			
36	33 – 36	104	80	32	9	25	3
39	36 – 39	108	84	34			
43	39 – 43	112	88	38			
46	43 – 46	114	90	41			
49	46 – 49	118	90	44			
52*	49 – 52	134	106	47	11	30	3
58	53 – 58	138	110	52			
61	58 – 61			56			

* similar to DIN 1597

Order Code

DIN 1597 - ***

→ STAUFF Group ØD1

Material and surface finishing

St37, Fe/Zn8C

Other materials and diameters on request.

Materials, Material Properties, Technical Data

Clamp Body Materials				
Clamp Body Material Properties	Copolymeric Polypropylene PP Colour: green	Polyamide PA Colour: black	Aluminum AISI 12	Santoprene SA Colour: black
Mechanical Properties				
Flexural Deflection DIN 53 452*	36 N/mm ²	130 . . . 200 N/mm ²		
Impact Resistance DIN 53 453*	no failure	60 KJ/m ²		
Compressive Strength DIN 53 454*	90 N/mm ²	120 N/mm ²	60 – 80 HB 5/250	Hardness: 73 – 87° Shore A
Modulus of Elasticity DIN 53 452*	1150 N/mm ²	3000 N/mm ²	70.000 N/mm ²	3,5 – 6,9 N/mm ²
Tensile Stress DIN 53 455*	28 N/mm ²	140 N/mm ²	220 – 300 N/mm ²	8,5 – 15,5 N/mm ²
Thermal Properties				
Max. Temperature Resistance	– 30 . . . +90° C	– 40 . . . +120° C	up to 300° C	– 40 . . . +120° C
Chemical Properties				
Weak acids, solvents	cond. consistent	cond. consistent	cond. consistent	consistent
Benzine, mineral oils	cond. consistent	consistent	consistent	cond. consistent
Alcohol, other oils, seawater	consistent	consistent	consistent	consistent
* DIN specifications refer to plastics only				
Other thermoplastics and materials for clamp bodies on request.				

Metal Parts
<p>– All metal parts made of steel St 37, no surface finishing, unless otherwise stated (see order code – components)</p> <p>– Surface finishing In addition to the standard surface finishings stated alternative finishings are available on request (e.g. Fe/Zn 12 C)</p> <p>– Stainless Steel Metal Parts All metal parts are also available ex stock in two different stainless steel qualities: – Noncorrodible Stainless Steel A2 - 1.4301/1.4305 (AISI 304) – Noncorrodible and acid-proof Stainless Steel A4 - 1.4401/1.4571 (AISI 316/316Ti)</p> <p>– Threads All threaded parts are available with UNC-threads on request. (see thread-chart page 50)</p>

The outlined particulars are approximate values and are only valid as references, which are not binding, also with regard to possible protection of third parties, and they do not exempt you from your own examination of suitability of the products delivered by us.

Therefore, these values can only be used in a limited sense for construction purposes.

The application of the products is carried out outside our control possibilities and, therefore, is exclusively subject to your own area of responsibility.

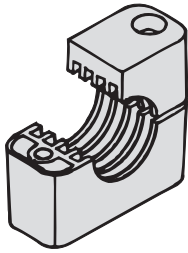
If, however, liability should be possible, it would be limited for all damages to the value of the goods supplied by us and in use by you.

It goes without saying, that we guarantee the perfect quality of our products according to our general sales and delivery conditions.

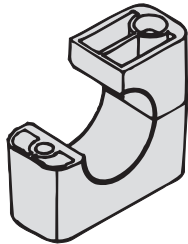
**Because of technical advances, dimensions subject to change without notification.
This catalog supercedes all previous catalogues.**

Design of Clamp Bodies

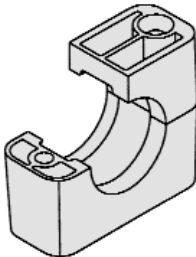
STANDARD-SERIES



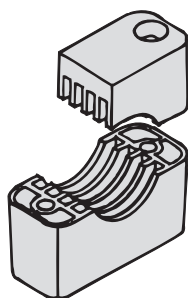
Standard design – profiled inside –



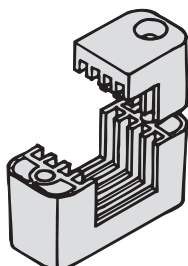
H-design – smooth inside –
(recommended for hoses)



RI-design
for rubber inserts

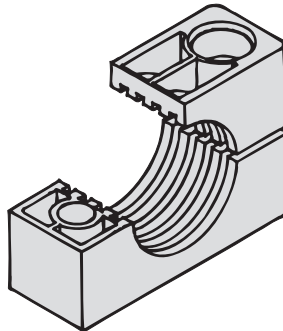


Oval-design

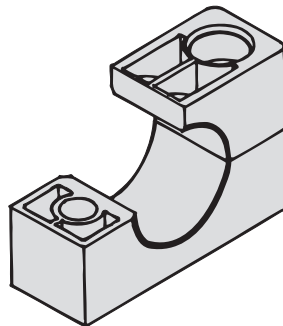


Rectangular-design

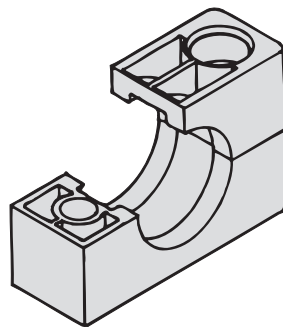
HEAVY-SERIES



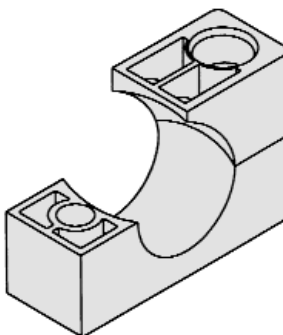
Standard design – profiled inside –



H-design – smooth inside –
(recommended for hoses)

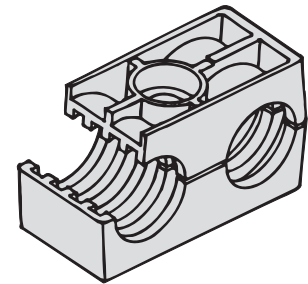


RI-design
for rubber inserts

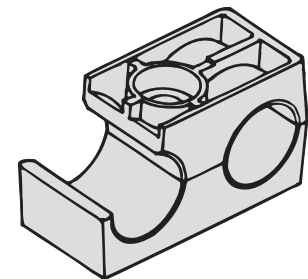


WAG-design
for ball inserts

TWIN-SERIES



Standard design – profiled inside –



H-design – smooth inside –
(recommended for hoses)

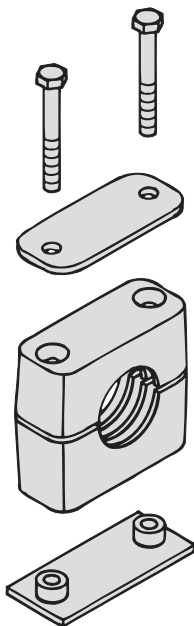
Installation Information

Installation on Weld Plates

STAUFF weld plates are available for the following Series:

- Standard-Series
- Heavy-Series
- Twin-Series
- Special Clamps

For best alignment of STAUFF clamps it is recommended to mark their location first. Weld plates, push on bottom half of clamp, install pipe, mount top half of clamp and cover plate and bolt unit together. In order to avoid damage to the clamp bodies it is recommended to mount the plastic clamp bodies after having welded the weld plates.

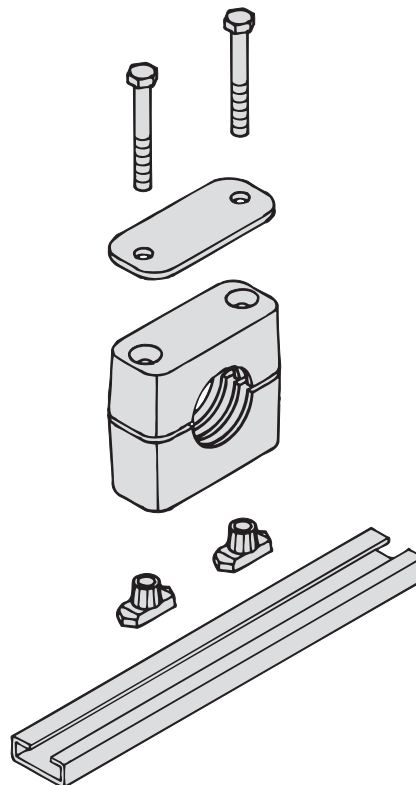


Installation on Mounting Rails

STAUFF mounting rails can be used with the following Series:

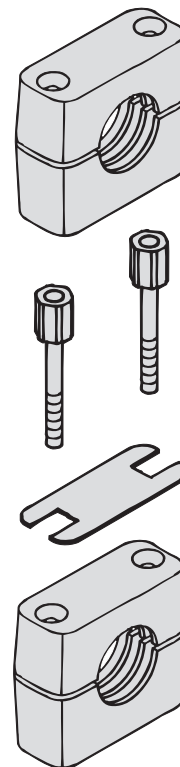
- Standard-Series
- Heavy-Series (Group 3S-6S)
- Twin-Series
- Special Clamps

STAUFF mounting rails are available in four different height sizes. The rails are either welded or bolted to the supporting construction. For Standard- and Twin-Series insert hexagon rail nut and turn to lock. For Heavy-Series slide in rail nut. Push on bottom half of clamp, install pipe, mount top half of clamp and cover plate and bolt unit together. Clamp units can be adjusted before being firmly bolted.

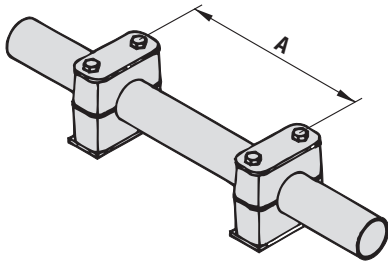


Multi-Level Assembly

STAUFF multi-level pipe clamps permit easy stacking of several tubes or pipes of the same group. (Twin-Clamps group 2 - 5 allow stacking of different group sizes.) The clamps are connected by stacking bolts (AF). Safety plates (SIG/SIP/SI) inserted between the clamps prevent stacking bolts from turning. STAUFF stacking assembly can be fitted to weld plates or to rails.



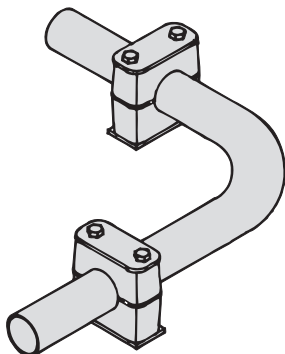
Spacings for Clamps



The recommended spacings for clamps stated below are standard values and are valid for static loads.

Pipe-O.D. [mm]	Spacing A [m]
6,0 – 12,7	1,0
12,7 – 22,0	1,2
22,0 – 32,0	1,5
32,0 – 38,0	2,0
38,0 – 57,0	2,7
57,0 – 75,0	3,0
75,0 – 76,1	3,5
76,1 – 88,9	3,7
88,9 – 102,0	4,0
102,0 – 114,0	4,5
114,0 – 168,0	5,0
168,0 – 219,0	6,0
219,0 – 324,0	6,7
324,0 – 356,0	7,0
356,0 – 406,0	7,5
406,0 – 419,0	8,2
419,0 – 508,0	8,5
508,0 – 521,0	9,0
521,0 – 558,0	10,0
558,0 – 800,0	12,5

Pipe Bend Installation



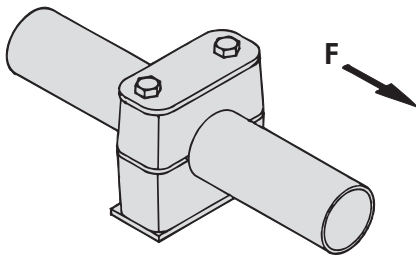
Pipe bends should be supported by STAUFF clamps as near to the bends as possible. Furthermore, it is recommended to design these clamps as fixed point clamps.

Thread Chart

Metric Thread / UNC Threads

STANDARD-SERIES		
STAUFF Group	Metric Thread	UNC Thread
1	M 6	1/4 – 20 UNC
1A		
2		
3		
4		
5		
6		
7		
8		
HEAVY-SERIES		
STAUFF Group	Metric Thread	UNC Thread
3S	M 10	3/8 – 16 UNC
4S		
5S		
6S	M 12	7/16 – 14 UNC
7S	M 16	5/8 – 11 UNC
8S	M 20	3/4 – 10 UNC
9S	M 24	7/8 – 9 UNC
10S	M 30	1 1/8 – 7 UNC
11S	M 30	1 1/4 – 7 UNC
12S		
TWIN-SERIES		
STAUFF Group	Metric Thread	UNC Thread
1D	M 6	1/4 – 20 UNC
2D	M 8	5/16 – 18 UNC
3D		
4D		
5D		

Tightening Torques And Maximum Loads In Pipe Direction



All tightening torques and maximum loads in pipe direction refer to clamps with cover plates and hexagon head bolts acc. to DIN 931/933.

The max. load in pipe direction (acc. to DIN 3015, part 10) is an average value, determined by three tests at 23°C with a steel pipe acc. to DIN 2448, St 37 – rolled surface – taking static friction into consideration.

Sliding starts when the shown values (**F**) are reached.

STANDARD-SERIES (acc. to DIN 3015, part 1)

STAUFF Group	Hexagon Head Bolt DIN 931/933	Polypropylene		Polyamide		Aluminum	
		Tightening torque [Nm]	Max. load in pipe direction F [kN]	Tightening torque [Nm]	Max. load in pipe direction F [kN]	Tightening torque [Nm]	Max. load in pipe direction F [kN]
1	M 6	8	0,6	10	0,6	12	3,5
1A		8	1,1	10	0,7	12	4,2
2		8	1,3	10	0,8	12	4,3
3		8	1,4	10	1,6	12	4,9
4		8	1,5	10	1,7	12	5,0
5		8	1,9	10	2,0	12	7,3
6		8	2,0	10	2,5	12	8,9

HEAVY-SERIES (acc. to DIN 3015, part 2)

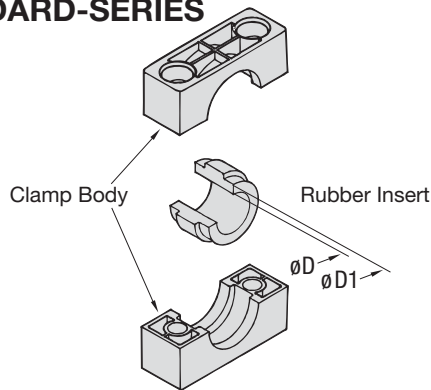
STAUFF Group	Hexagon Head Bolt DIN 931/933	Polypropylene		Polyamide		Aluminum	
		Tightening torque [Nm]	Max. load in pipe direction F [kN]	Tightening torque [Nm]	Max. load in pipe direction F [kN]	Tightening torque [Nm]	Max. load in pipe direction F [kN]
3S	M 10	12	1,6	20	4,2	30	12,1
4S		12	2,9	20	4,5	30	15,1
5S		15	3,3	25	5,1	35	15,5
6S	M 12	30	8,2	40	9,3	55	29,4
7S	M 16	45	11,0	55	25,8	120	34,9
8S	M 20	80	14,0	150	21,0	220	70,6
9S	M 24	110	28,0	200	32,0	250	50,0
10S	M 30	180	40,0	350	48,0	500	84,5
11S		200	119,0	370	125,0	500	181,5
12S		270	168,0	450	180,0	600	244,5

TWIN-SERIES (acc. to DIN 3015, part 3)

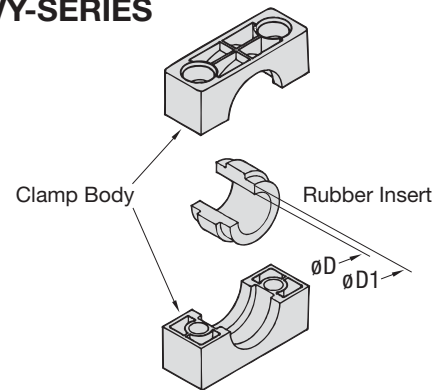
STAUFF Group	Hexagon Head Bolt DIN 931/933	Polypropylene		Polyamide	
		Tightening torque [Nm]	Max. load in pipe direction F [kN]	Tightening torque [Nm]	Max. load in pipe direction F [kN]
1D	M 6	5	0,9	5	0,9
2D	M 8	12	2,1	12	2,2
3D		12	1,9	12	2,0
4D		12	2,7	12	2,9
5D		8	1,7	8	2,5

RI-Clamps (Clamps with Rubber Insert)

STANDARD-SERIES



HEAVY-SERIES



STAUFF Group	DIN Group	Pipe-O.D.		Order Code		
		ØD [mm]	ØD1 [mm]	Rubber Insert	Clamp Body	Rubber Insert + Clamp Body
4	4	6	25,5	RI 406	4 xxR	406 xxR
		8		RI 408	4 xxR	408 xxR
		10		RI 410	4 xxR	410 xxR
		12		RI 412	4 xxR	412 xxR
		12,7		RI 412,7	4 xxR	412,7 xxR
		14		RI 414	4 xxR	414 xxR
		15		RI 415	4 xxR	415 xxR
		16		RI 416	4 xxR	416 xxR
		17,2		RI 417,2	4 xxR	417,2 xxR
		18		RI 418	4 xxR	418 xxR
		19		RI 419	4 xxR	419 xxR
6	6	20	39	RI 620	6 xxR	620 xxR
		21,3		RI 621,3	6 xxR	621,3 xxR
		22		RI 622	6 xxR	622 xxR
		25		RI 625	6 xxR	625 xxR
		26,9		RI 626,9	6 xxR	626,9 xxR
		28		RI 628	6 xxR	628 xxR
		30		RI 630	6 xxR	630 xxR
		32		RI 632	6 xxR	632 xxR

Other O.D. on request.

STAUFF Group	DIN Group	Pipe-O.D.		Order Code		
		ØD [mm]	ØD1 [mm]	Rubber Insert	Clamp Body	Rubber Insert + Clamp Body
4S	2	06	25,5	RI 4006	4S xxR	4006 xxR
		08		RI 4008	4S xxR	4008 xxR
		10		RI 4010	4S xxR	4010 xxR
		12		RI 4012	4S xxR	4012 xxR
		12,7		RI 4012,7	4S xxR	4012,7 xxR
		14		RI 4014	4S xxR	4014 xxR
		15		RI 4015	4S xxR	4015 xxR
		16		RI 4016	4S xxR	4016 xxR
		17,2		RI 4017,2	4S xxR	4017,2 xxR
		18		RI 4018	4S xxR	4018 xxR
		19		RI 4019	4S xxR	4019 xxR
5S	3	20	39	RI 5020	5S xxR	5020 xxR
		21,3		RI 5021,3	5S xxR	5021,3 xxR
		22		RI 5022	5S xxR	5022 xxR
		25		RI 5025	5S xxR	5025 xxR
		26,9		RI 5026,9	5S xxR	5026,9 xxR
		28		RI 5028	5S xxR	5028 xxR
		30		RI 5030	5S xxR	5030 xxR
		32		RI 5032	5S xxR	5032 xxR

STAUFF Group	DIN Group	Pipe-O.D.		Order Code		
		ØD [mm]	ØD1 [mm]	Rubber Insert	Clamp Body	Rubber Insert + Clamp Body
6S	4	32	65	RI 6032	6S xxR	6032 xxR
		33,7		RI 6033,7	6S xxR	6033,7 xxR
		35		RI 6035	6S xxR	6035 xxR
		38,7		RI 6038,7	6S xxR	6038,7 xxR
		40		RI 6040	6S xxR	6040 xxR
		42		RI 6042	6S xxR	6042 xxR
		45,5		RI 6045,5	6S xxR	6045,5 xxR
		48		RI 6048	6S xxR	6048 xxR
		51		RI 6051	6S xxR	6051 xxR
		53,4		RI 6053,4	6S xxR	6053,4 xxR
		56,4		RI 6056,4	6S xxR	6056,4 xxR

Other O.D. on request.

STAUFF Group	DIN Group	Pipe-O.D.		Order Code		
		ØD [mm]	ØD1 [mm]	Rubber Insert	Clamp Body	Rubber Insert + Clamp Body
7S	5	55	89	RI 7055	7S xxR	7055 xxR
		57		RI 7057	7S xxR	7057 xxR
		60		RI 7060	7S xxR	7060 xxR
		65		RI 7065	7S xxR	7065 xxR
		70		RI 7070	7S xxR	7070 xxR
		72		RI 7072	7S xxR	7072 xxR
8S	6	80	116	RI 8080	8S xxR	8080 xxR
		88,9		RI 8088,9	8S xxR	8088,9 xxR

Other O.D. on request.

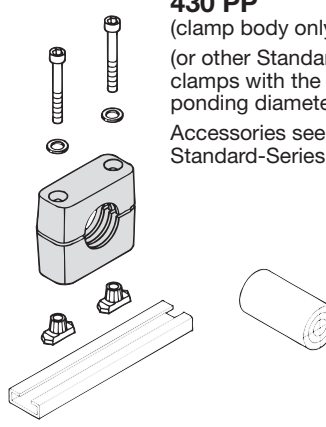
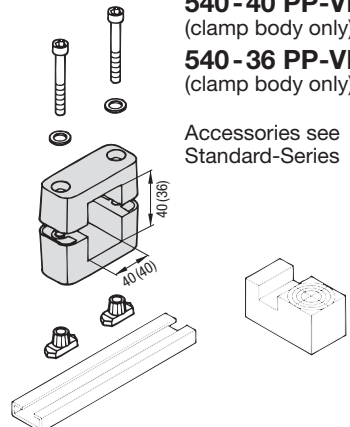
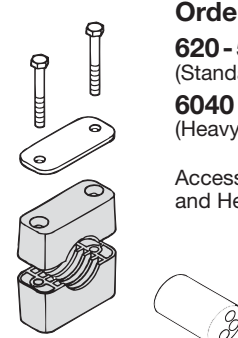
Clamp Body	Material XX
Polypropylene	PP
Polyamide	PA
Elastomer	Material
	Thermoplastic Elastomer (TPE) 70° Shore A

Clamp Body	Material XX
Polypropylene	PP
Polyamide	PA
Elastomer	Material
	Thermoplastic Elastomer (TPE) 70° Shore A

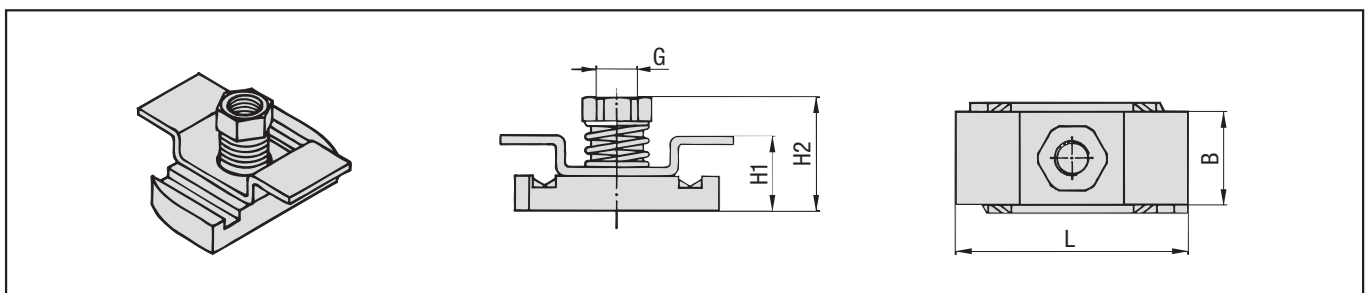
Attention!

For RI-clamps the relationship between the diameter and the group is not the same as in the Profile- or H-clamp.

Pipe Clamps For Industrial Electric Applications And Electric Cables

<p>Order Code 430 PP (clamp body only) (or other Standard-Series clamps with the corresponding diameter) Accessories see Standard-Series</p>  <p>For proximity switches acc. to EN 50008/50036/50040 or similar Proximity switch – round construction, 30 mm dia.-fastened with a Group 4 Standard-Series clamp mounted on mounting rail with hexagon rail nuts. Loosening of the bolts provides axial and horizontal position adjustment.</p>	<p>Order Code 540-40 PP-VK (clamp body only) 540-36 PP-VK (clamp body only) Accessories see Standard-Series</p>  <p>For proximity switches acc. to EN 50025/50037 Proximity switch – rectangular construction, 40 mm square-fastened with Group 5 Standard Duty clamp mounted on mounting rail with hexagon rail nuts. Loosening of the bolts provides axial and horizontal position adjustment.</p>	<p>Order Code 620-50 PP (Standard-Series) 6040-72 PP (Heavy-Series) Accessories see Standard- and Heavy-Series</p>  <p>For clamping of electric cables: STAUFF-Oval Clamps Group 6 Standard-Series for cable diameters between 20 and 50 mm. Group 6 S Heavy-Series for cable diameters between 40 and 72 mm. Bolt types: Standard-Series: Hexagon Head Bolt in conjunction with cover plate. Socket Cap Screw with washer Slotted Head Screw with washer. Heavy Series: Hexagon Head Bolt in conjunction with cover plate. For varying cable diameters only the bolt length needs to be varied.</p>
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CRA C-RAIL-ADAPTOR



STAUFF Series	STAUFF Group	Thread G		Dimensions				Lengths of Bolts (for clamps with cover plates)	
		Metric	UNC	L	B	H1	H2	Metric	UNC
Standard	CRA 1-8	M6	1/4	40	16	13	20,5	see Standard-Series	see Standard-Series
Heavy	CRA 3S	M10	3/8	38	22	18,5	27,5	M10 x 40	3/8 x 1 1/2 UNC
	CRA 4S							M10 x 55	3/8 x 2 1/8 UNC
	CRA 5S							M10 x 65	3/8 x 2 5/8 UNC
	CRA 6S	M12	7/16	45	25	17	27,5	M12 x 100	7/16 x 4 UNC
Twin	CRA 1D	M6	1/4	40	16	13	20,5	M 6 x 35	1/4 x 1 UNC
	CRA 2D	M8	5/16	38	53	18,5	27,5	M 8 x 35	5/16 x 1 3/8 UNC
	CRA 3D							M 8 x 45	5/16 x 1 3/4 UNC
	CRA 4D							M 8 x 50	5/16 x 2 UNC
	CRA 5D							M 8 x 60	5/16 x 2 1/2 UNC

Material: Carbon Steel, zinc plated (Fe/Zn 8 B), Stainless Steel on request.

Information

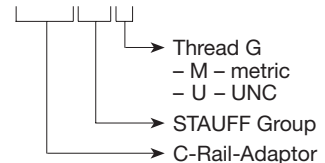
The C-RAIL-ADAPTOR Type CRA is suitable for the following C-rails:

UNISTRUT-Rails
P1000, P1000T, P1000V, P1000VT, P1001
P2000, P2000T
P3003, P3003T, P3300V, P3300VT, P3301
P4000, P4000T
P5000, P5000T, P5001, P5500, P5500T, P5501

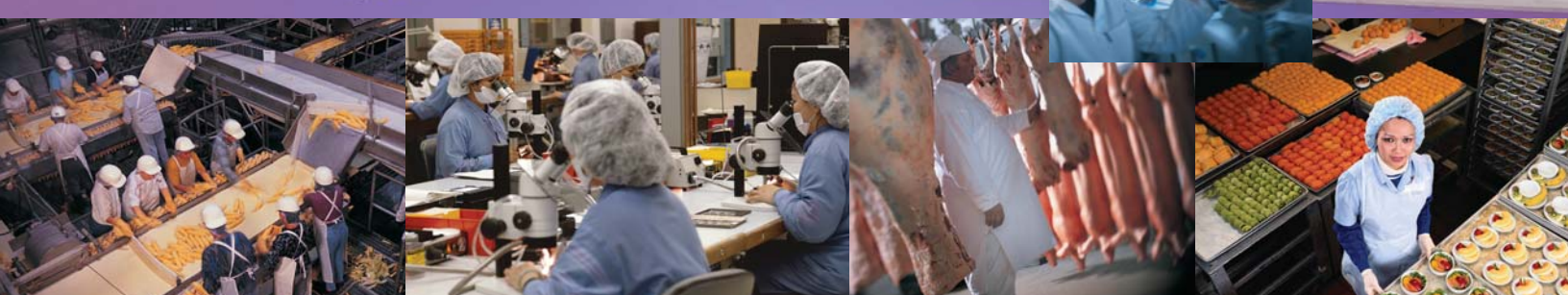
HALFEN-Rails
HM 41/41
HZA 41/22
HZM 41/41
HZM 41/22
HL 41/41, HL 41/B2

Order Code

CRA xx x



HI-CLEAN™ CLAMPS



Sanitary and Process Pipe Support Systems



HI-CLEAN™ Your Sanitary Processing Solution



Hi-Clean™ is a complete system of suspended pipe and tube supports designed specifically for sanitary processing applications in the process, food and pharmaceutical industries.

Hi-Clean™ construction materials—polypropylene, santoprene, and stainless steel—are all FDA compliant.

Quality Design, Quality Construction

Hi-Clean™ suspended pipe, tube and hose supports are designed and manufactured by Stauff, the world leader in hydraulic clamping systems.

Precision engineered to minimize contamination, Stauff's Hi-Clean™ system allows for the efficient maintenance of a clean operating environment during washdown.

The Best Service

You'll get fast turnaround time on all orders for standard products from inventory in both the USA and Canada.

- Experienced product support staff and the necessary in-house manufacturing capabilities to customize products for a wide variety of customer requirements
- Well trained sales engineers for local product and application advice
- A customer-oriented attitude with excellent warranty and business policies
- New products are introduced consistently to meet industry demands

Trust Stauff for your Hi-Clean™ system and service needs.



HI-CLEAN™ SERIES

Supports: For use with Process, Food and Pharmaceutical Applications

Specifications

- Smooth Clamping Surface for Sanitary, Clean in Place (CIP) Installations
- Body Material
 - Polypropylene (PP-Blue)
 - Santoprene (SA-Natural)
 - UHMW (special order)
- Support Hardware
 - 304 Stainless Steel
 - 316 Stainless Steel (special order)
 - Zinc Plated Carbon Steel (special order)
- Modular Design for Multiple Mounting Configurations
- Santoprene (SA) is FDA Approved
- Hardware Compatible with Standard Series Clamps



Hi-Clean Support Bodies

	GRP	SIZE	O. D.	H	L	POLYPROPYLENE	SANTOPRENE
	3	1/4" T	0.25"	1.40"	1.96"	3064 PPC	3064 SAC
		3/8" T	0.375"			3095 PPC	3095 SAC
		1/2" T	0.50"			3127 PPC	3127 SAC
		3/4" T	0.75"			3190 PPC	3190 SAC
		1/2" P	0.84"			3213 PPC	3213 SAC
		1" T	1.00"			3254 PPC	3254 SAC
	6	1/4" T	0.25"	2.53"	3.38"	6064 PPC	6064 SAC
		1/2" T	0.50"			6127 PPC	6127 SAC
		5/8" T	0.625"			6160 PPC	6160 SAC
		3/4" T	0.75"			6190 PPC	6190 SAC
		1/2" P	0.84"			6213 PPC	6213 SAC
		7/8" T	0.875"			6222 PPC	3222 SAC
		1" T	1.00"			6254 PPC	6254 SAC
		3/4" P	1.05"			6266 PPC	6266 SAC
		1" P	1.315"			6334 PPC	6334 SAC
		1 1/2" T	1.50"			6381 PPC	6381 SAC
		1 1/2" P	1.90"			6483 PPC	6483 SAC
		2" T	2.00"			6508 PPC	6508 SAC
	7L	2" T	2.00"	4.26"	5.04"	7508 LPPC	7508 LSAC
		2" P	2.375"			7603 LPPC	7603 LSAC
		2 1/2" T	2.50"			7635 LPPC	7635 LSAC
		2 1/2" P	2.875"			7730 LPPC	7730 LSAC
		3" T	3.00"			7762 LPPC	7762 LSAC
	8	4" T	4.00"	4.56"	5.75"	8102 PPC	8102 SAC
		9L	6" T			6.00"	7.52"

P = Pipe T = Tube

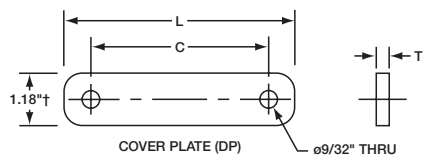
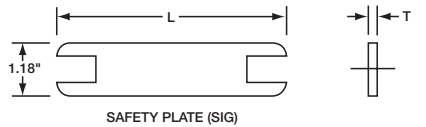
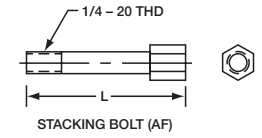
Other sizes and materials available on request.

Hi-Clean Mounting Components

	GROUP	PART #	DIMENSIONS		
			L	C	T
STANDARD WELD PLATE (SP) * SP9L has 3/8-16 UNC Thread † SP9L width is 1.38" For Weld in Place Use	3	SP3-UW4	1.97"	1.30"	0.11"
	6	SP6-UW4	3.48"	2.60"	0.11"
	7L	SP7L-UW4	5.00"	4.25"	0.11"
	8	SP8-UW4	5.75"	4.72"	0.19"
ROUNDED CORNER WELD PLATE (SPR) * SPR9L has 3/8-16 UNC Thread † SPR9L width is 1.38" For Suspension Use	3	SPR3-UW4	1.97"	1.30"	0.11"
	6	SPR6-UW4	3.48"	2.60"	0.11"
	7L	SPR7L-UW4	5.00"	4.25"	0.11"
	8	SPR8-UW4	5.75"	4.72"	0.19"
9L	*	*	*	*	*
BASE PLATE (SPV) For Bolt or Weld in Place	3	SPV3-UW4	3.07"	1.30"	0.11"
	6	SPV6-UW4	4.52"	2.60"	0.11"
	7L	SPV7L-UW4	6.50"	4.25"	0.11"
	8	*	—	—	—
	9L	*	—	—	—
TRANSFER PLATE (TDP) * TDP9L has ø7/16" THRU For Stacking Different Clamp Groups	3/6	TDP3-UW4	3.38"	2.60"	0.20"
	6/7	TDP6-UW4	5.00"	4.25"	0.20"
	7L/3	TDP7L-UW4	5.00"	4.25"	0.20"
	8	*	—	—	—
	9L	*	—	—	—
SWIVEL PLATE (SDP) * SDP9L has ø7/16" THRU For Hanging	3	SDP3-UW4	1.89"	1.30"	0.20"
	6	SDP6-UW4	3.38"	2.60"	0.20"
	7L	SDP7L-UW4	5.00"	4.25"	0.20"
	8	SDP8-UW4	5.75"	4.72"	0.25"
	9L	*	—	—	—
HEX BOLT (ASDP) 	3	ASDP3-UW4	1.50"	1/4"-20 UNC	—
	6	ASDP6-UW4	2.75"	1/4"-20 UNC	—
	7L	ASDP7L-UW4	4.375"	1/4"-20 UNC	—
	8	ASDP8-UW4	4.875"	1/4"-20 UNC	—
	9L	ASDP9L-UW4	8.00"	3/8"-16 UNC	—
HANG PLATE (SHP) For Hanging	3	SHP3-UW4	1.95"	1.30"	0.20"
	6	SHP6-UW4	3.38"	2.60"	0.20"
	7L	SHP7L-UW4	5.00"	4.25"	0.20"
	8	SHP8-UW4	5.75"	4.72"	0.25"
	9L	*	—	—	—

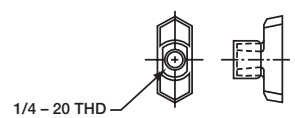
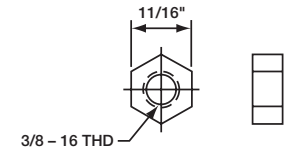
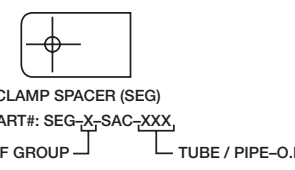
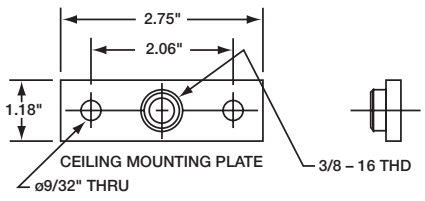
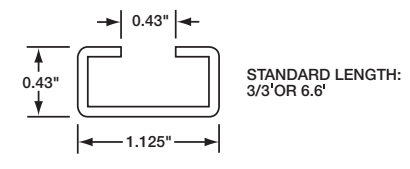
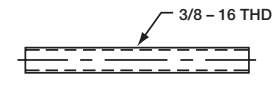
* Consult factory

Hi-Clean Mounting Components

	GROUP	PART #	DIMENSIONS		
			L	C	T
COVER PLATE (DP) * DP9L has $\phi 7/16"$ THRU † DP9L width is 1.38" 	3	DP3-W4	1.89"	1.30"	0.11"
	6	DP6-W4	3.38"	2.60"	0.11"
	7L	DP7L-W4	5.00"	4.25"	0.11"
	8	DP8-W4	5.67"	4.72"	0.19"
	9L	DP9L-W4	8.75"	7.67"	0.16"
SAFETY PLATE (SIG) 	3	SIG3-W4	1.85"	—	0.03"
	6	SIG6-W4	3.34"	—	0.03"
	7L	SIG7L-W4	5.00"	—	0.03"
	8	*	—	—	0.03"
	9L	*	—	—	—
STACKING BOLT (AF) 	3	AF3-UW4	1.73"	—	—
	6	AF6-UW4	2.91"	—	—
	7L	AF7L-UW4	4.57"	—	—
	8	*	—	—	—
	9L	*	—	—	—

* Consult factory

Accessories for Hi-Clean Support Installation

 HEXAGON RAIL NUT PART#: SM1-8/1D-UW4 * Group 3-8 only	 HEX LOCK NUT PART#: SLN-UW4	 CLAMP SPACER (SEG) PART#: SEG-X-SAC-XXX Use For "Sliding" Installations
 CEILING MOUNTING PLATE PART#: SCP-UW4	 MOUNTING RAIL PART#: TS11-1-W4 (3.3') PART#: TS11-2-W4 (6.6')	 THREADED ROD STANDARD LENGTH 6 FT SPECIAL LENGTHS MADE TO ORDER PART#: THR-6-UW4

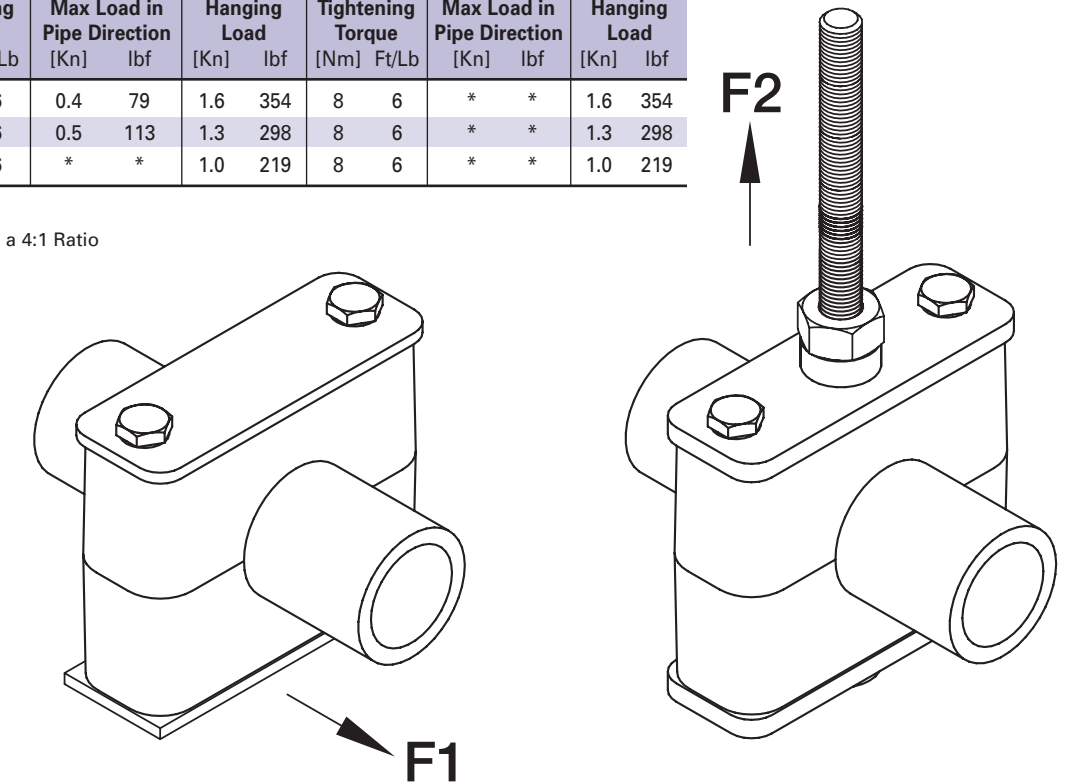
Technical Data

Hi-Clean Clamps Maximum Load in Pipe Direction (F1) Hanging Load Rating for Hang Plate / Swivel Plate Assemblies (F2)

STAUFF Group	Hexagon Hex Bolt	POLYPROPYLENE				SANTOPRENE							
		Tightening Torque [Nm]	Tightening Torque Ft/Lb	Max Load in Pipe Direction [Kn]	Max Load in Pipe Direction lbf	Tightening Torque [Nm]	Tightening Torque Ft/Lb	Max Load in Pipe Direction [Kn]	Max Load in Pipe Direction lbf				
3	1/4"-20UNC	8	6	0.4	79	1.6	354	8	6	*	*	1.6	354
6	1/4"-20UNC	8	6	0.5	113	1.3	298	8	6	*	*	1.3	298
7L	1/4"-20UNC	8	6	*	*	1.0	219	8	6	*	*	1.0	219

* Consult Factory

Safety Factor for Hanging Loads is a 4:1 Ratio



Technical Notes

Properties of Clamp Body Materials

MATERIAL PROPERTIES	POLYPROPYLENE PP Color: Blue	SANTOPRENE SA Color: Natural
MECHANICAL PROPERTIES		
Flexural Deflection	36 N/mm ²	
Impact Resistance	no failure	
Compressive Strength	90 N/mm ²	Hardness: 50° Shore D
Modulus of Elasticity	1150 N/mm ²	10 N/mm ²
Tensile Stress	28 N/mm ²	27.6 N/mm ²
THERMAL PROPERTIES		
Maximum Temperature	-22° to +215° F	-40° to +425° F
- Brief Exposure	-30° to +102° C	-40° to +218° C
Operating Temperature	-22° to +194° F	-40° to +210° F
- Continuous Exposure	-30° to +90° C	-40° to +99° C
CHEMICAL PROPERTIES		
Weak Acids, Solvents	conditionally consistent	conditionally consistent
Benzine, Mineral Oils	conditionally consistent	conditionally consistent
Alcohol, Other Oils, Seawater	consistent	consistent

Contact factory for further information.

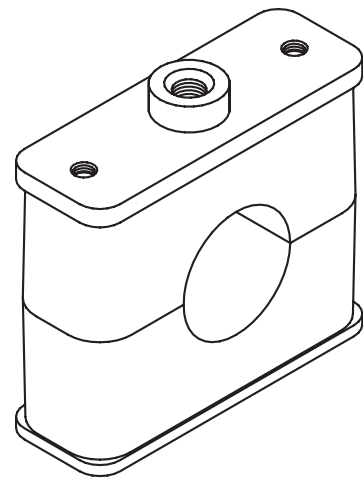
Ordering Examples



**RESPONSE AND FLEXIBILITY • COMPETENT SERVICE
• PROMPT DELIVERY • ENSURED QUALITY • FRIENDLY
SERVICE • PROVEN IN PRACTICE**

Hi-Clean Assembly Hang Plate / Cover Plate Style

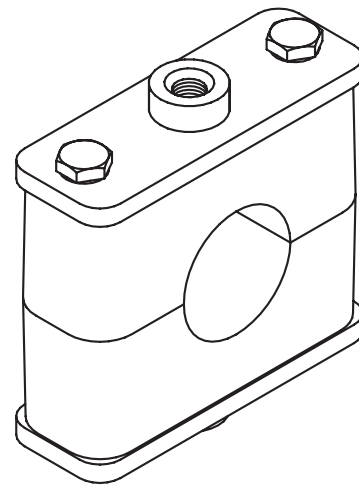
SHP X, XXX, XXC, DPAS U W4
 STAUFF GROUP
 TUBE / PIPE-O.D.
 MATERIAL OF CLAMP BODY



Clamp Consisting of:
 1x Hang Plate
 1x Clamp Body
 (2 Halves)
 1x Cover Plate
 2x Hex Head Bolt

Hi-Clean Assembly Hang Plate / Swivel Plate Style

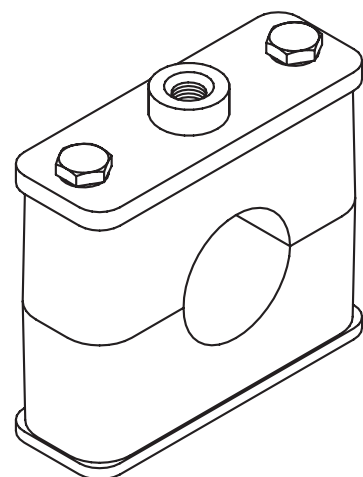
SHP X, XXX, XXC, SDPAS U W4
 STAUFF GROUP
 TUBE / PIPE-O.D.
 MATERIAL OF CLAMP BODY



Clamp Consisting of:
 1x Hang Plate
 1x Clamp Body
 (2 Halves)
 1x Swivel Plate
 2x Hex Head Bolt

Hi-Clean Assembly Rounded Weld Plate / Swivel Plate Style

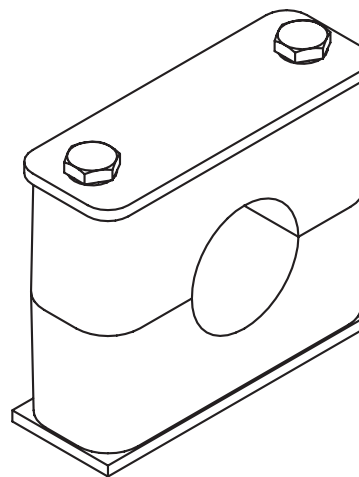
SPR X, XXX, XXC, SDPAS U W4
 STAUFF GROUP
 TUBE / PIPE-O.D.
 MATERIAL OF CLAMP BODY



Clamp Consisting of:
 1x Rounded Weld Plate
 1x Clamp Body
 (2 Halves)
 1x Swivel Plate
 2x Hex Head Bolt

Hi-Clean Assembly Weld Plate / Cover Plate Style

SP X, XXX, XXC, DPAS U W4
 STAUFF GROUP
 TUBE / PIPE-O.D.
 MATERIAL OF CLAMP BODY



Clamp Consisting of:
 1x Weld Plate
 1x Clamp Body
 (2 Halves)
 1x Cover Plate
 2x Hex Head Bolt

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