



Clamps - Standard Series (for O.D. 6 to 102 mm)

DIMENSIONS - COMPONENTS according to DIN 3015, Part 1

Material & Surface Finishing of Metal Parts	Clamp Body consisting of two clamp halves	Single Weld Plate SP	Elongated Weld Plate SPV
carbon steel St37, untreated	<p>Group 1</p>	<p>Group 1</p>	<p>Group 1</p>
carbon steel St37, phosphated			
carbon steel St37, zinc plated			
stainless steel A2 - 1.4301/1.4305 (AISI304)	<p>Group 1A-8</p>	<p>Group 1A-8</p>	<p>Group 1A-8</p>
stainless steel A4 - 1.4401/1.4571 (AISI316/316Ti)			
Alternative materials and surface finishings in addition to the above stated standard are available upon request.			

Material & Surface Finishing Code	SEE COMPONENT PART IDENTIFICATION	W2	W2
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STAUFF GROUP	DIN GROUP	OUTSIDE DIAMETER PIPE IN MM	Inside Surface										G	Width										G	ØD1		ØD2	
			profiled					smooth						L1	L2	B	S	H	L1	L2	L3	B	S		H	mm	in	mm
			L1	L2	H	S	H	L1	L2	B	S	H											mm	in	mm	in		
1	0	6 to 12 mm 1/4" to 1/2"	28	9,5	27	0,4 min.	26	30	31,5	10	30	3	6,5	M6, 1/4-20 UNC	12	58	24,5	44	30	3	6,5	M6, 1/4-20 UNC	12	6,5				
			1.10	0.37	1.06	0.02	1.02	1.18	1.24	0.39	1.18	0.12	0.26	0.47	2.28	0.96	1.73	1.18	0.12	0.26	0.47	0.26						
1A	1	6 to 12 mm 1/4" to 1/2"	37	20	27	0,4 min.	26	30	36	20	30	3	6,5	M6, 1/4-20 UNC	12	64	20	50	30	3	6,5	M6, 1/4-20 UNC	12	6,5				
			1.46	0.79	1.06	0.02	1.02	1.18	1.41	0.79	1.18	0.12	0.26	0.47	2.52	0.79	1.97	1.18	0.12	0.26	0.47	0.26						
2	2	12,7 to 18 mm 1/2" to 5/8"	42	26	33	0,6 min.	32	30	42	26	30	3	6,5	M6, 1/4-20 UNC	12	70	26	56	30	3	6,5	M6, 1/4-20 UNC	12	6,5				
			1.65	1.02	1.30	0.02	1.26	1.18	1.65	1.02	1.18	0.12	0.26	0.47	2.76	1.02	2.20	1.18	0.12	0.26	0.47	0.26						
3	3	19 to 25,4 mm 3/4" to 1"	50	33	36	0,6 min.	35,5	30	50	33	30	3	6,5	M6, 1/4-20 UNC	12	78	33	64	30	3	6,5	M6, 1/4-20 UNC	12	6,5				
			1.97	1.30	1.42	0.02	1.40	1.18	1.97	1.30	1.18	0.12	0.26	0.47	3.07	1.30	2.52	1.18	0.12	0.26	0.47	0.26						
4	4	26,9 to 30 mm 1-1/16" to 1-3/16"	59	40	42	0,6 min.	41,5	30	60	40	30	3	6,5	M6, 1/4-20 UNC	12	87	40	73	30	3	6,5	M6, 1/4-20 UNC	12	6,5				
			2.32	1.57	1.65	0.02	1.63	1.18	2.36	1.57	1.18	0.12	0.26	0.47	3.43	1.57	2.87	1.18	0.12	0.26	0.47	0.26						
5	5	32 to 42 mm 1-1/4" to 1-5/8"	71	52	58	0,8 min.	56,5	30	71	52	30	3	6,5	M6, 1/4-20 UNC	12	100	52	86	30	3	6,5	M6, 1/4-20 UNC	12	6,5				
			2.80	2.05	2.28	0.03	2.22	1.18	2.80	2.05	1.18	0.12	0.26	0.47	3.94	2.05	3.39	1.18	0.12	0.26	0.47	0.26						
6	6	44,5 to 50,8 mm 1-3/4" to 2"	86	66	66	0,8 min.	64,5	30	88	66	30	3	6,5	M6, 1/4-20 UNC	12	115	66	100	30	3	6,5	M6, 1/4-20 UNC	12	6,5				
			3.39	2.60	2.60	0.03	2.53	1.18	3.46	2.60	1.18	0.12	0.26	0.47	4.53	2.60	3.94	1.18	0.12	0.26	0.47	0.26						
7	7	57,2 to 76,1 mm 2-1/4" to 3"	121	94	93	0,8 min.	92	30	122	94	30	5	6,5	M6, 1/4-20 UNC	12	150	94	136	30	5	6,5	M6, 1/4-20 UNC	12	6,5				
			4.76	3.70	3.66	0.03	3.62	1.18	4.80	3.70	1.18	0.20	0.26	0.47	5.91	3.70	5.35	1.18	0.20	0.26	0.47	0.26						
8	8	88,9 to 102 mm 3-1/2" to 4"	147	120	118	0,8 min.	116	30	148	120	30	5	6,5	M6, 1/4-20 UNC	12	178	120	162	30	5	6,5	M6, 1/4-20 UNC	12	6,5				
			5.79	4.72	4.65	0.03	4.57	1.18	5.83	4.72	1.18	0.20	0.26	0.47	7.01	4.72	6.38	1.18	0.20	0.26	0.47	0.26						



Clamps - Standard Series (for O.D. 6 to 102 mm)

DIMENSIONS - COMPONENTS according to DIN 3015, Part 1

CHANNEL RAIL ADAPTOR CRA	TWIN WELD PLATE DSP	GROUP WELD PLATE RAP	COVER PLATE DP	HEX BOLT AS
suitable for several types of channel rails, see page C10	<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-8</p>	

W3	W2	W1	W3	W3
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G	L	B	H1	H2	L1	L2	L3	B	S	H	G	ØD					G	ØD					G x L				
												mm	in	mm	in	mm		in	mm	in	mm	in		mm	in	mm	in
1/4-20UNC M6	40	16	13	20,5	87	40	40	30	3	6,5	1/4-20UNC M6	12	314	31	31	30	4	6,5	1/4-20UNC M6	12	28	9,5	30	3	7	M6 x 30	
					3.43	1.57	1.57	1.18	0.12	0.26	0.47	12.36	1.22	1.22	1.18	0.16	0.26	0.47	1.10	0.37	1.18	0.12	0.28				
					77	20	37	30	3	6,5	1/4-20UNC M6	12	373	20	37	30	4	6,5	1/4-20UNC M6	12	34	20	30	3	7	M6 x 30	
					3.03	0.79	1.46	1.18	0.12	0.26	0.47	14.69	0.79	1.46	1.18	0.16	0.26	0.47	1.34	0.79	1.18	0.12	0.28				
					86	26	44	30	3	6,5	1/4-20UNC M6	12	442	26	44	30	4	6,5	1/4-20UNC M6	12	40,5	26	30	3	7	M6 x 35	
					3.39	1.02	1.73	1.18	0.12	0.26	0.47	17.40	1.02	1.73	1.18	0.16	0.26	0.47	1.59	1.02	1.18	0.12	0.28				
					102	33	52	30	3	6,5	1/4-20UNC M6	12	521	33	52	30	4	6,5	1/4-20UNC M6	12	48	33	30	3	7	M6 x 40	
					4.02	1.30	2.05	1.18	0.12	0.26	0.47	20.51	1.30	2.05	1.18	0.16	0.26	0.47	1.89	1.30	1.18	0.12	0.28				
					120	40	60	30	3	6,5	1/4-20UNC M6	12	300	40	60	30	4	6,5	1/4-20UNC M6	12	57	40	30	3	7	M6 x 45	
					4.72	1.57	2.36	1.18	0.12	0.26	0.47	11.81	1.57	2.36	1.18	0.16	0.26	0.47	2.24	1.57	1.18	0.12	0.28				
145	52	75	30	3	6,5	1/4-20UNC M6	12	378	52	75	30	4	6,5	1/4-20UNC M6	12	70	52	30	3	7	M6 x 60						
5.71	2.05	2.95	1.18	0.12	0.26	0.47	14.88	2.05	2.95	1.18	0.16	0.26	0.47	2.76	2.05	1.18	0.12	0.28									
178	66	90	30	3	6,5	1/4-20UNC M6	12	450	66	90	30	4	6,5	1/4-20UNC M6	12	86	66	30	3	7	M6 x 70						
7.01	2.60	3.54	1.18	0.12	0.26	0.47	17.72	2.60	3.54	1.18	0.16	0.26	0.47	3.39	2.60	1.18	0.12	0.28									
																								M6 x 100			
																								1/4-20UNC x 4			
																								1/4-20UNC x 4-7/8			

DIMENSIONS - COMPONENTS according to DIN 3015, Part 1

Material & Surface Finishing of Metal Parts	Clamp Body consisting of two clamp halves	Single Weld Plate SP	Elongated Weld Plate SPV
carbon steel St37, untreated	W1		
carbon steel St37, phosphated	W2		
carbon steel St37, zinc plated	W3		
stainless steel A2 - 1.4301/1.4305 (AISI304)	W4		
stainless steel A4 - 1.4401/1.4571 (AISI316/316Ti)	W5		
Alternative materials and surface finishings in addition to the above stated standard are available upon request.			

Material & Surface Finishing Code	SEE COMPONENT PART IDENTIFICATION	W2	W2
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STAUFF GROUP	DIN GROUP	OUTSIDE DIAMETER PIPE IN MM	Inside Surface												G	Outside Surface												G	ØD1	ØD2														
			profiled						smooth							profiled						smooth																						
			L1	L2	H	S	H	Width	L1	L2	B	S	H	G		ØD	L1	L2	L3	B	S	H	G	ØD1	ØD2																			
1	0	6 to 12 mm 1/4" to 1/2"	28	9,5	27	0,4	26	30	31,5	10	30	3	6,5	M6, 1/4-20 UNC	12	58	24,5	44	30	3	6,5	M6, 1/4-20 UNC	12	6,5	0,47	2,28	0,96	1,73	1,18	0,12	0,26	0,47	0,26											
1A	1	6 to 12 mm 1/4" to 1/2"	37	20	27	0,4	26	30	36	20	30	3	6,5	M6, 1/4-20 UNC	12	64	20	50	30	3	6,5	M6, 1/4-20 UNC	12	6,5	1,46	0,79	1,06	0,02	1,02	1,18	1,41	0,79	1,18	0,12	0,26	0,47	2,52	0,79	1,97	1,18	0,12	0,26	0,47	0,26
2	2	12,7 to 18 mm 1/2" to 5/8"	42	26	33	0,6	32	30	42	26	30	3	6,5	M6, 1/4-20 UNC	12	70	26	56	30	3	6,5	M6, 1/4-20 UNC	12	6,5	1,65	1,02	1,30	0,02	1,26	1,18	1,65	1,02	1,18	0,12	0,26	0,47	2,76	1,02	2,20	1,18	0,12	0,26	0,47	0,26
3	3	19 to 25,4 mm 3/4" to 1"	50	33	36	0,6	35,5	30	50	33	30	3	6,5	M6, 1/4-20 UNC	12	78	33	64	30	3	6,5	M6, 1/4-20 UNC	12	6,5	1,97	1,30	1,42	0,02	1,40	1,18	1,97	1,30	1,18	0,12	0,26	0,47	3,07	1,30	2,52	1,18	0,12	0,26	0,47	0,26
4	4	26,9 to 30 mm 1-1/16" to 1-3/16"	59	40	42	0,6	41,5	30	60	40	30	3	6,5	M6, 1/4-20 UNC	12	87	40	73	30	3	6,5	M6, 1/4-20 UNC	12	6,5	2,32	1,57	1,65	0,02	1,63	1,18	2,36	1,57	1,18	0,12	0,26	0,47	3,43	1,57	2,87	1,18	0,12	0,26	0,47	0,26
5	5	32 to 42 mm 1-1/4" to 1-5/8"	71	52	58	0,8	56,5	30	71	52	30	3	6,5	M6, 1/4-20 UNC	12	100	52	86	30	3	6,5	M6, 1/4-20 UNC	12	6,5	2,80	2,05	2,28	0,03	2,22	1,18	2,80	2,05	1,18	0,12	0,26	0,47	3,94	2,05	3,39	1,18	0,12	0,26	0,47	0,26
6	6	44,5 to 50,8 mm 1-3/4" to 2"	86	66	66	0,8	64,5	30	88	66	30	3	6,5	M6, 1/4-20 UNC	12	115	66	100	30	3	6,5	M6, 1/4-20 UNC	12	6,5	3,39	2,60	2,60	0,03	2,53	1,18	3,46	2,60	1,18	0,12	0,26	0,47	4,53	2,60	3,94	1,18	0,12	0,26	0,47	0,26
7	7	57,2 to 76,1 mm 2-1/4" to 3"	121	94	93	0,8	92	30	122	94	30	5	6,5	M6, 1/4-20 UNC	12	150	94	136	30	5	6,5	M6, 1/4-20 UNC	12	6,5	4,76	3,70	3,66	0,03	3,62	1,18	4,80	3,70	1,18	0,20	0,26	0,47	5,91	3,70	5,35	1,18	0,20	0,26	0,47	0,26
8	8	88,9 to 102 mm 3-1/2" to 4"	147	120	118	0,8	116	30	148	120	30	5	6,5	M6, 1/4-20 UNC	12	178	120	162	30	5	6,5	M6, 1/4-20 UNC	12	6,5	5,79	4,72	4,65	0,03	4,57	1,18	5,83	4,72	1,18	0,20	0,26	0,47	7,01	4,72	6,38	1,18	0,20	0,26	0,47	0,26

DIMENSIONS - COMPONENTS according to DIN 3015, Part 1

INSERT	HEX BOLT	SOCKET CAP SCREW	SLOTTED HEAD SCREW	STACKING BOLT	SAFETY WASHER	SAFETY LOCKING PLATE	MOUNTING RAIL	HEXAGON RAIL NUT
E	ASE	IS	LI	AF	SI	SIG	TS	SM
						Group 1	TS 11	
							TS 14	
						Group 1A-8	TS 30	

STEEL / PLASTIC	W3	W3	W3	W3	W3	W3	W1	W3
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D1	D2	H	G x L	G x L	G x L	G	L1	L2	L3	SW	ØD	L	B1	B2	S	B1	B2	S	L1	L2	B	S	ØD
11,8	6,5	7,8 (S) 8,6 (F)	M6 x 27	M6 x 20	M6 x 20	M6	34	20	12	11	6,4	16	32	11,2	1	28	11	2	25,5	10,2	13,5	5,5	12
			1/4-20UNC x 1-5/8	1/4-20UNC x 3/4	1/4-20UNC x 3/4	1/4-20UNC	---	0,79	0,47	0,43		0,63	1,26	0,44	0,04								
			M6 x 27	M6 x 20	M6 x 20	M6	34	20	12	11		33	28	11,2	1								
			1/4-20UNC x 1-5/8	1/4-20UNC x 3/4	1/4-20UNC x 3/4	1/4-20UNC	---	0,79	0,47	0,43		1,30	1,10	0,44	0,04								
			M6 x 32	M6 x 25	M6 x 25	M6	40	25	12	11		39	28	11,2	1								
			1/4-20UNC x 1-3/8	1/4-20UNC x 1	1/4-20UNC x 1	1/4-20UNC	---	0,98	0,47	0,43		1,54	1,10	0,44	0,04								
			M6 x 35	M6 x 30	M6 x 30	M6	44	30	12	11		47	28	11,2	1								
			1/4-20UNC x 1-3/8	1/4-20UNC x 1-1/8	1/4-20UNC x 1-1/8	1/4-20UNC	---	1,18	0,47	0,43		1,85	1,10	0,44	0,04								
			M6 x 42	M6 x 35	M6 x 35	M6	49	35	12	11		56	28	11,2	1								
			1/4-20UNC x 1-5/8	1/4-20UNC x 1-3/8	1/4-20UNC x 1-3/8	1/4-20UNC	---	1,38	0,47	0,43		2,20	1,10	0,44	0,04								
			M6 x 57	M6 x 50	M6 x 50	M6	64	50	12	11		69	28	11,2	1								
			1/4-20UNC x 2-3/8	1/4-20UNC x 2	1/4-20UNC x 2	1/4-20UNC	---	1,97	0,47	0,43		2,72	1,10	0,44	0,04								
			M6 x 65	M6 x 60	M6 x 60	M6	74	60	12	11		85	28	11,2	1								
			1/4-20UNC x 2-3/4	1/4-20UNC x 1-1/2	1/4-20UNC x 1-1/2	1/4-20UNC	---	2,36	0,47	0,43		3,35	1,10	0,44	0,04								
			---	M6 x 90	---	M6	99	85	12	11		117	28	11,2	1								
			1/4-20UNC x 4	1/4-20UNC x 3-3/8	---	1/4-20UNC	---	3,35	0,47	0,43		4,61	1,10	0,44	0,04								
			---	M6 x 110	---	M6	124	110	12	11		143	28	11,2	1	1,10	0,43	0,08	1,00	0,40	0,53	0,22	0,47
			1/4-20UNC x 4-7/8	1/4-20UNC x 4-3/8	---	1/4-20UNC	---	4,33	0,47	0,43	0,25	5,63	1,10	0,44	0,04								