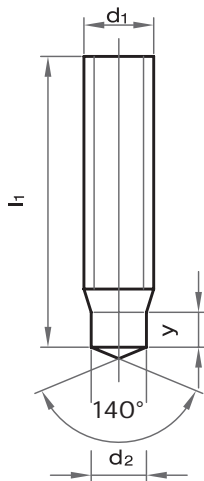


WELDING STUDS DRAWN ARC WELDING

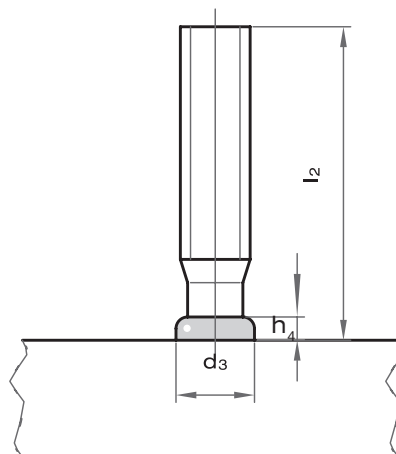
We supply at short notice threaded and no-thread studs, shear connectors and short cycle studs from our extensive stock and also manufacture special studs to suit your specific requirements in a high standard of quality.

Reduced Threaded Stud RD

before welding



after welding



Weight about (7,85kg/dm³) per 1.000 pcs in kg (St 37)

	M6	M8	M10	M12	M16	M20	M22
0							
15	2,3						
20	3,2	5,7	9,0				
25	4,1	7,3	11,5	16,5			
30	5,0	8,9	14,0	20,2	36,9		
35	5,9	10,5	16,5	23,9	43,5	67,3	
40	6,8	12,1	19,0	27,5	50,2	77,8	
45		13,7	21,6	31,2	56,9	88,2	
50		15,3	24,1	34,8	63,5	98,6	124,4
55			26,6	38,5	70,2	109,1	136,5
60				42,2	76,8	119,5	148,9
65					83,5	129,9	161,3
70						140,4	173,7
75							186,7
100							249,0

d1	l ₂	d ₂ ±0,1	d ₃	h ₄	α ±7° +/-5°	y _{min}
M6	siehe Abmessungen 15-80mm	4,7	7	2,5	140°	4
M8		6,2	9	2,5	140°	4
M10		7,9	11,5	3	140°	5
M12		9,5	13,5	4	140°	6
M16		13,2	18	5	140°	7,5/11
M20		16,5	23	6	140°	9/13
M24		20	28	7	140°	12/15

Material selection: Other materials according agreement

ISO-Standard	4,8	A2-50	A4-70
Old Description	St. 37	1.4301	1.4571
Product Key	51-xxx-xxxx	52-xxx-xxxx	58-xxx-xxxx

0=with Alu-ball, 1= cink plated surface, 2= without Alu-ball

Order example:

M 8 x 20 // A2-50 with Alu-ball
 Art-No.: 52-008-0020

Other length according agreement

The reduced threaded stud, type RD are standard according to DIN EN ISO 13918: 2018 and can be used as a stud with aluminum soldering from M6 to M24 together with ceramic ferrules of type RF or under shielding gas without aluminum soldering (max to M12). Standard lengths of 15-80mm are available from stock, special lengths can be made on request at short notice. Studs and ceramic ferrules are always sent as a matching unit.