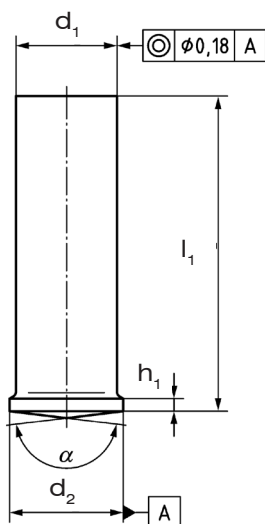


WELDING STUDS SHORT CYCLE

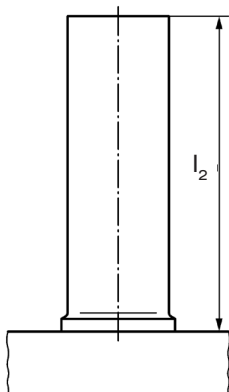
We supply at short notice threaded and no-thread studs, shear connectors and short cycle studs from our extensive stock and also manufacture special studs to suit your specific requirements in a high standard of quality.

US-Unthreaded Stud

before welding



after welding



$d_1 \pm 0,1$	$l_{1min} +0,6$	$d_2 \pm 0,2$	h_1	$\alpha \pm 2^\circ$
3	8	4	0,7 bis 1,4	166 °
4	8	5	0,7 bis 1,4	166 °
5	12	6	0,7 bis 1,4	166 °
6	12	7	0,7 bis 1,4	166 °
7,1	15	9	0,8 bis 1,4	166 °
8	15	9	0,8 bis 1,4	166 °

^a For applications on sheets ≥ 2 mm thick and welding times > 60 ms, the angle α may be reduced to up to 152 °.