

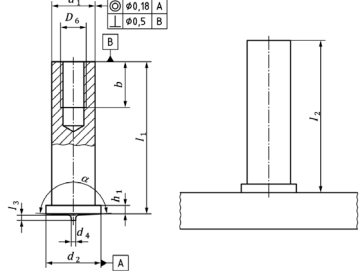
		<b>Type</b>		<b>Material</b>					Suitable for stud feeding	
		IT Studs with internal thread <sup>3)</sup>		AlMg3 (EN AW AlMg3) <sup>3)</sup>					Manual e.g. 	Automation <sup>1)</sup> e.g. 
$d_1$ $\pm 0.1$	$D_6$	$l_1$ $\pm 0.6$	$b_{min}$ $+2P$	$d_2$ $\pm 0.2$	$d_4$ $\pm 0.08$	$l_3$ $\pm 0.05$	$h_1$	$\alpha$ $\pm 2^\circ$		
5	M3	see table	5	6.5	0.75	0.80	0.7-1.4	174°		
6 <sup>2)</sup>	M3 <sup>2)</sup>		6	7.5						
6	M4			9	9	0.85	0.8-1.4			
7.1 <sup>3)</sup>	M5									
8 <sup>3)</sup>	M6									

		Diameter →		
		M3 / Ø 5 mm	M3 / Ø 6 mm	M4 / Ø 6 mm
		Order No.	Order No.	Order No.
Length $l_1$	6 mm <sup>2)</sup>	34-35-006*	--	--
	8 mm <sup>2)</sup>	34-35-008	34-36-008*	34-46-008*
	10 mm	34-35-010	34-36-010*	34-46-010*
	12 mm	34-35-012	--	34-46-012*
	15 mm	34-35-015*	--	34-46-015*
	16 mm	34-35-016*	--	34-46-016*
	20 mm	34-35-020*	34-36-020*	34-46-020*
	25 mm	34-35-025*	--	34-46-025*
	30 mm	34-35-030*	--	34-46-030*
	35 mm	--	--	34-46-035*
<b>Chuck</b>		82-50-905	82-50-906	82-50-906
				
<b>Chuck</b>		84-50-005	84-50-006	84-50-006
				

Further accessories see accessories catalogue

\* Minimum order quantity, delivery time and price upon request.

Custom dimensions are not listed in the table – HBS manufactures customised welding elements. On request we can provide pricing.

- For automation: Diameter: 5 to 8 mm  
Stud length: 8 to 40 mm (other lengths on request)  
For more details, see accessories catalogue.
- Similar to DIN EN ISO 13918
- Due to the process and material properties a maximum stud diameter of M6 is recommended.