






Flush head studs made of hardened steel, suitable for use in metal sheets with hardness up to HRB 80.

M	min. 	L ± 0,40	E ± 0,40	 + 0,08	S max.	Mindest- abstand Lochmitte/ Blechrand	Nr.
<b>M2,5</b>	1,00	6,00	4,10	2,50	1,95	5,40	10.460.025.006
		8,00					10.460.025.008
		10,00					10.460.025.010
		12,00					10.460.025.012
		15,00					10.460.025.015
		18,00					10.460.025.018
<b>M3</b>	1,00	6,00	4,60	3,00	2,10	5,60	10.460.030.006
		8,00					10.460.030.008
		10,00					10.460.030.010
		12,00					10.460.030.012
		15,00					10.460.030.015
		18,00					10.460.030.018
		20,00					10.460.030.020
		22,00					10.460.030.022
		25,00					10.460.030.025
		30,00					10.460.030.030
<b>M4</b>	1,00	6,00	5,90	4,00	2,40	7,20	10.460.040.006
		8,00					10.460.040.008
		10,00					10.460.040.010
		12,00					10.460.040.012
		15,00					10.460.040.015
		18,00					10.460.040.018
		20,00					10.460.040.020
		22,00					10.460.040.022
		25,00					10.460.040.025
		38,00					10.460.040.038

M	min. 	L ± 0,40	E ± 0,40	 + 0,08	S max.	Mindest- abstand Lochmitte/ Blechrand	Nr.
<b>M5</b>	1,00	8,00	6,50	5,00	2,70	7,20	10.460.050.008
		10,00					10.460.050.010
		12,00					10.460.050.012
		15,00					10.460.050.015
		18,00					10.460.050.018
		20,00					10.460.050.020
		22,00					10.460.050.022
		25,00					10.460.050.025
		38,00					10.460.050.038
		<b>M6</b>					1,60
12,00	10.460.060.012						
15,00	10.460.060.015						
18,00	10.460.060.018						
20,00	10.460.060.020						
22,00	10.460.060.022						
25,00	10.460.060.025						
28,00	10.460.060.028						
30,00	10.460.060.030						
38,00	10.460.060.038						
<b>M8</b>	2,40	12,00	9,60	8,00	3,70	9,60	10.460.080.012
		15,00					10.460.080.015
		18,00					10.460.080.018
		20,00					10.460.080.020
		22,00					10.460.080.022
		25,00					10.460.080.025
		28,00					10.460.080.028
		30,00					10.460.080.030
		35,00					10.460.080.035
		38,00					10.460.080.038

 Max. size of piece to be mounted in a hole in sheet metal is equal to the size of the hole + 0.6 mm.

Item description / Item number		tested in <b>steel</b> (cold-rolled)				tested in <b>aluminium</b> 5052-H34			
		Sheet hardness HRB	Installation (kN)	Pushout (N)	Max. tightening torque / Torque-out (Nm)	Sheet hardness HRB	Installation (kN)	Pushout (N)	Max. tightening torque / Torque-out (Nm)
<b>M2,5</b>	10.460.025.006 / 008 / 010 / 012 / 015 / 018	59	11,1	740	0,41 / 1,0	29,0	8,9	465	0,41 / 1,0
<b>M3</b>	10.460.030.006 / 008 / 010 / 012 / 015 / 018 / 020 / 022 / 025 / 028 / 030	59	14,7	820	0,74 / 1,7	29,0	12,9	600	0,74 / 1,7
<b>M4</b>	10.460.040.006 / 008 / 010 / 012 / 015 / 018 / 020 / 022 / 025 / 028 / 030 / 035 / 038	59	28,9	1780	1,7 / 4,2	29,0	20,0	975	1,7 / 2,9
<b>M5</b>	10.460.050.008 / 010 / 012 / 015 / 018 / 020 / 022 / 025 / 028 / 030 / 035 / 038	59	33,4	2000	3,5 / 6,5	29,0	24,5	1070	3,5 / 3,5
<b>M6</b>	10.460.060.010 / 012 / 015 / 018 / 020 / 022 / 025 / 028 / 030 / 035 / 038	46	44,5	2560	5,9 / 11,3	28,0	28,9	1660	5,9 / 7,3
<b>M8</b>	10.460.080.012 / 015 / 018 / 020 / 022 / 025 / 028 / 030 / 035 / 038	46	44,5	2890	14,2 / 19,2	28,0	29,8	1910	14,2 / 11,3