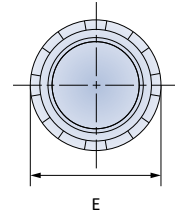
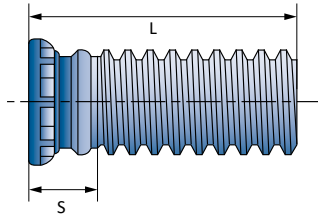
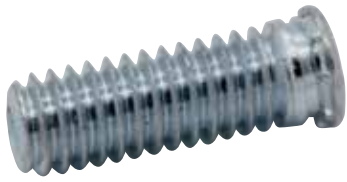


Flush Head Stud V-FHL Low Displacement

Steel galvanized

CAD
DATA
ONLINE

Series
465



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		S max.	Mindest- abstand Lochmitte/ Blechrand	Nr.
M2,5	1,00	6,00	3,15	2,50	2,10	2,80	10.465.025.006
		8,00					10.465.025.008
		10,00					10.465.025.010
		12,00					10.465.025.012
		15,00					10.465.025.015
		18,00					10.465.025.018
M3	1,00	6,00	3,65	3,00	2,10	3,30	10.465.030.006
		8,00					10.465.030.008
		10,00					10.465.030.010
		12,00					10.465.030.012
		15,00					10.465.030.015
		18,00					10.465.030.018
		20,00					10.465.030.020
		25,00					10.465.030.025

M	min. 	L ± 0,40	E ± 0,40		S max.	Mindest- abstand Lochmitte/ Blechrand	Nr.
M4	1,00	6,00	4,65	4,00	2,40	4,30	10.465.040.006
		8,00					10.465.040.008
		10,00					10.465.040.010
		12,00					10.465.040.012
		15,00					10.465.040.015
		18,00					10.465.040.018
		20,00					10.465.040.020
		25,00					10.465.040.025
M5	1,00	8,00	5,90	5,00	2,70	5,60	10.465.050.008
		10,00					10.465.050.010
		12,00					10.465.050.012
		15,00					10.465.050.015
		18,00					10.465.050.018
		20,00					10.465.050.020
		25,00					10.465.050.025
		30,00					10.465.050.030
		35,00					10.465.050.035

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 steel (cold-rolled)				tested in aluminium 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)				
M2,5	V-FHL	10.465.025.006 / 008 / 010 / 012 / 015 / 018				54	5,3	450	0,41 / 1,1	33	3,1	285	0,41 / 0,55
M3		10.465.030.006 / 008 / 010 / 012 / 015 / 018 / 020 / 025				54	5,3	475	0,74 / 1,25	33	4,4	285	0,46 / 0,65
M4		10.465.040.006 / 008 / 010 / 012 / 015 / 018 / 020 / 025 / 030 / 035				54	6,6	550	1,7 / 2,1	33	5,3	365	0,75 / 1,1
M5		10.465.050.008 / 010 / 012 / 015 / 018 / 020 / 025 / 030 / 035				54	20,0	1000	2,25 / 4,4	33	11,1	530	1,11 / 2,2