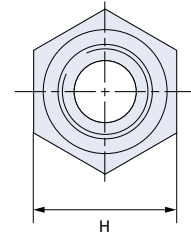
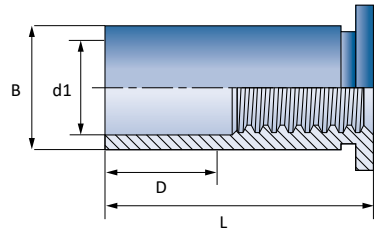


Through Standoff open V-SO

Steel galvanized

CAD
DATA
ONLINE

Series
485



Through standoffs made of hardened steel, suitable for use in metal sheets with hardness **up to HRB 80**.

M	min.	L	D	d1	B	H	Mindest- abstand Lochmitte/ Blechrand	Nr.	
M2	1,02	4,00	± 0,25	± 0,13	- 0,13	4,80	4,20	10.485.020.004	
		6,00						0,00	10.485.020.006
		8,00						2,50	10.485.020.008
		10,00						4,00	10.485.020.010
		12,00						10.485.020.012	
M2,5	1,02	4,00	± 0,25	± 0,13	- 0,13	4,80	4,20	10.485.025.004	
		6,00						0,00	10.485.025.006
		8,00						3,20	10.485.025.008
		10,00						4,00	10.485.025.010
		12,00						10.485.025.012	
M3	1,02	3,00	± 0,25	± 0,13	- 0,13	4,80	4,22	10.485.030.003	
		4,00						10.485.030.004	
		5,00						0,00	10.485.030.005
		6,00						10.485.030.006	
		7,00						10.485.030.007	
		8,00						3,20	10.485.030.008
		10,00						10.485.030.010	
		12,00						4,00	10.485.030.012
		14,00						10.485.030.014	
		16,00						8,00	10.485.030.016
18,00	10.485.030.018								
3,5 M3	1,02	3,00	± 0,25	± 0,13	- 0,13	6,40	5,41	10.485.035.003	
		4,00						10.485.035.004	
		5,00						0,00	10.485.035.005
		6,00						10.485.035.006	
		7,00						10.485.035.007	
		8,00						3,20	10.485.035.008
		10,00						10.485.035.010	
		12,00						4,00	10.485.035.012
		14,00						10.485.035.014	
		16,00						8,00	10.485.035.016
18,00	10.485.035.018								

M	min.	L	D	d1	B	H	Mindest- abstand Lochmitte/ Blechrand	Nr.		
M4	1,27	3,00	± 0,25	± 0,13	- 0,13	7,90	7,14	10.485.040.003		
		4,00						0,00	10.485.040.004	
		6,00						10.485.040.006		
		8,00						10.485.040.008		
		10,00						10.485.040.010		
		12,00						4,00	10.485.040.012	
		14,00						4,80	7,12	10.485.040.014
		16,00						10.485.040.016		
M5	1,27	18,00	8,00	10.485.040.018						
		20,00	10.485.040.020							
		22,00	11,00	10.485.040.022						
		25,00	10.485.040.025							
		4,00	10.485.050.004							
		6,00	0,00	10.485.050.006						
		8,00	10.485.050.008							
		10,00	10.485.050.010							
		12,00	4,00	10.485.050.012						
		14,00	5,35	7,12	10.485.050.014					
16,00	10.485.050.016									
18,00	8,00	10.485.050.018								
20,00	10.485.050.020									
22,00	11,00	10.485.050.022								
25,00	10.485.050.025									



Standoffs with 3.5 M3 threads offer a greater wall thickness for thread size M3.

Item description / Item number		tested in steel (cold-rolled)			tested in aluminium 5052-H34		
		Installation (kN)	Pushout (N)	Torque-out (Nm)	Installation (kN)	Pushout (N)	Torque-out (Nm)
M2	10.485.020.004 / 006 / 008 / 010 / 012						
M2,5	10.485.025.004 / 006 / 008 / 010 / 012						
M3	10.485.030.003 / 004 / 005 / 006 / 007 / 008 / 010 / 012 / 014 / 016 / 018	9,8	1000	2,15	4,9	710	1,24
M3,5	10.485.035.003 / 004 / 005 / 006 / 007 / 008 / 010 / 012 / 014 / 016 / 018	14,7	1860	2,15	7,6	1330	1,24
M4	10.485.040.003 / 004 / 005 / 006 / 008 / 010 / 012 / 014 / 016 / 018 / 020 / 022 / 025	17,8	2490	3,95	10,7	1780	5,08
M5	10.485.050.004 / 006 / 008 / 010 / 012 / 014 / 016 / 018 / 020 / 022 / 025	17,8	2490	8,47	10,7	1780	5,08