

Design Guidelines

Required Installation Lengths

								Comparison	
d_N	MB Series			SK Series		HK 55 / HK 11 Series		Threaded Plugs DIN 908	
	d_1	l_3 min	l_4 min*	d_1	l_4 max	d_1	l_4 max	d_1	l_4 max
2,0	3,0	3,4	5,0						
3,0	4,0	3,8	5,5			3,0	7,0		
4,0	5,0	5,3	7,0	4,0	6,5	4,0	8,0		
5,0	6,0	6,3	8,5	5,0	7,5	5,0	9,5	M8x1	11,5
6,0	7,0	7,3	9,5	6,0	8,0	6,0	10,0	M8x1	11,5
7,0	8,0	8,3	11,0	7,0	9,0	7,0	11,0	M10x1	12,0
8,0	9,0	9,8	12,5	8,0	10,5	8,0	11,5	M10x1	12,0
9,0	10,0	10,8	13,5	9,0	11,0	9,0	13,0	M12x1,5	16,0
10,0	12,0	12,8	16,0	10,0	12,5	10,0	13,5	M12x1,5	16,0
12,0	14,0	14,5	18,0			12,0	15,0	M14x1,5	16,5
14,0	16,0	16,5	20,0					M16x1,5	16,5
16,0	18,0	18,5	22,5					M18x1,5	17,5
18,0	20,0	21,5	25,5					M20x1,5	19,5
20,0	22,0	24,5	28,5					M22x1,5	19,5

d_N = given nominal bore / system bore size

* Installation Lengths MB Series

The required installation length (l_4) min. for MB plugs is for base materials with hardness greater than HB=90. For softer materials, deeper installation is required.