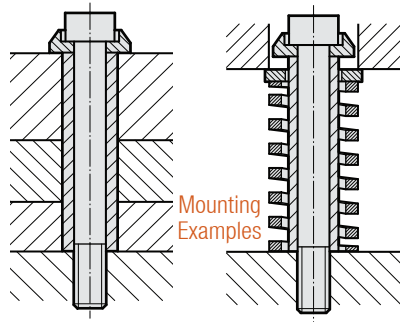


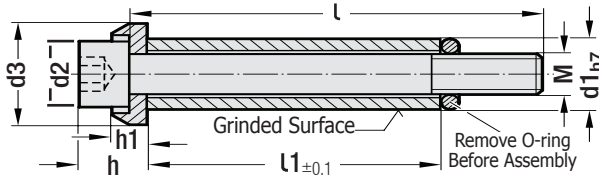
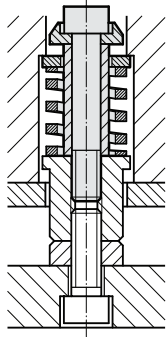


Code: G146

Spring and Spacer Unit



Mounting Examples



Spring and Spacer Unit: Since it is ground, it provides very precision length setting that can be adjusted. Different usage types can be created (reference: mounting examples). External diameter is ground at h7 tolerance. It is with cylinder head cap screw. O-ring should be removed before mounting.

Tensile Force: 1200 -1300 n / mm²

Code: G146

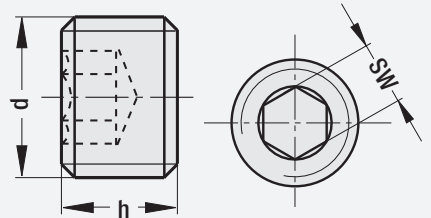
d1 Ø	M (g6)	l1 mm	l mm	d3 Ø	h mm	h1 mm					
10	M6	20	35	15	10	5.5					
		25	40								
		30	45								
		35	50								
		40	55								
		45	60								
		50	65								
		55	70								
		60	80								
		70	90								
d2: 10		80	100								
		90	110								
	12.5	M8	30	45	19	13	6.5				
			35	50							
			40	55							
			45	60							
			50	65							
			55	70							
60			80								
70			90								
80			100								
90			110								
d2: 13		100	120								
	15	M10	30	50	23	15	7.5				
			35	55							
			40	60							
			45	65							
			50	70							
			55	75							
			60	80							
d2: 16				60				80			

d1 Ø	M (g6)	l1 mm	l mm	d3 Ø	h mm	h1 mm	
15	M10	70	90	23	15	7.5	
		80	100				
		90	110				
		100	120				
		120	140				
		d2: 16					
17.5	M12	40	60	27	18	9	
		45	65				
		50	70				
		55	80				
		60	90				
		70	100				
		80	110				
		90	120				
		100	130				
		110	140				
d2: 18		120	150				
		140	180				
	23	M16	50	80	34	24	11
			60	90			
			70	100			
			80	110			
			90	120			
			100	130			
110			140				
120			150				
140			180				
150			180				
d2: 24		160	200				

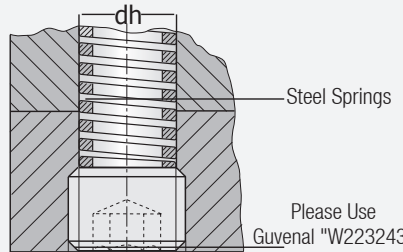


Code: G145

Compression Spring Set Screw



These products can be used as adjustable spring stoppers. Spring tension can be adjusted from bottom plug (set screw) with allen without doing any dismantles process. Steel springs can be changed from bottom plug (set screw) slot without dismantling die / mould. Open hole should be created instead of blind hole to place spring.



Please Use Guvenal "W223243" for Thread Locker

Code: G145

d (thread)	Spring Dia.	dh (slot)	h	SW
M12 x 1.5	10	10.5	10	6
M14 x 1.5	12.5	12.5	10	6
M18 x 1.5	16	16.5	10	8
M22 x 1.5	20	20.5	10	8
M28 x 1.5	25	26.5	12	10
M35 x 1.5	32	33.5	12	10
M42 x 1.5	40	40.5	12	10

Order: **G146.** M x d1 x l1

Order Example: **G146. M10 x 15 x 80**

Material: Cyl.Head Cap Screw
Tube: 1.7131 (58 HRC)

Order: **G145.** d

Material: 1.0503 (C45)