

**MATERIAL**

Turned and hardened steel.

**ELASTIC RING**

Steel spring wire.

**FEATURES AND APPLICATIONS**

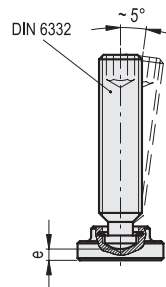
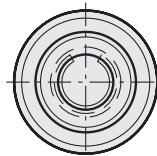
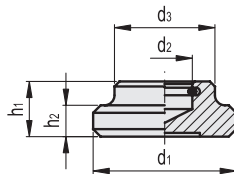
DIN 6311 thrust pads are used to transmit clamping forces by means of grub screws DIN 6332 (see page 980). The retaining ring creates a simple and fast coupling between the threaded stud and the thrust pad. They can be adapted on irregular or non-parallel surfaces and prevent the rotating movement of the screw from being exerted directly on the piece to be locked.

**ASSEMBLY INSTRUCTIONS**

Insert the grub screw inside the thrust pad, by keeping the grub screw inclined by a few degrees, in order to allow the retaining ring, inside the thrust pad, to fit correctly into the groove at the grub screw end. We suggest not to assemble the screw to the thrust pad by keeping the latter on a plain surface to avoid exerting an excessive clamping force which may damage the retaining ring. Keep the two components in your hands during the assembly operation.



Assembly instructions with DIN 6332



Conversion Table	
1 mm = 0.039 inch	
d1	
mm	inch
12	0.47
16	0.63
20	0.79
25	0.98
32	1.26
40	1.57

**METRIC**

Code	Description	d1	d2 H12	d3	h1	h2	e	DIN 6332	⚖️
GN.11901	DIN 6311-12-S	12	4.6	10	7	2.5	2.2	M6	4
GN.11911	DIN 6311-16-S	16	6.1	12	9	4	3	M8	9
GN.11921	DIN 6311-20-S	20	8.1	15	11	5	3.6	M10	17
GN.11931	DIN 6311-25-S	25	8.1	18	13	6	4.5	M12	33
GN.11941	DIN 6311-32-S	32	12.1	22	15	7	5.3	M16	59
GN.11951	DIN 6311-40-S	40	15.6	28	16	9	5.6	M20	105

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