

Mounting holes

Fig. 1

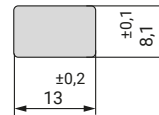
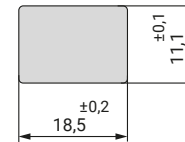


Fig. 2



Cage nuts combine the classic elastic properties of fasteners used for assembly with the strength of multi-threaded steel nuts. Cage nuts are designed to be used in any kind of assembly including blind assemblies and are particularly common in equipment racks. They can be fastened within their housing using bolts and subjected to considerable tightening torque or axial forces. No special tools or specialized fitters are required to mount these nuts. The use of cage nuts allows for a great reduction in assembly time, as costly operations such as tapping, welding or riveting can be avoided. Due to the fact that the nuts are slightly loose within the cage, minor adjustments in the alignment of the parts to be assembled are possible.

Front-mounted cage nuts are particularly recommended for use with rigid structures with open or tubular frames and in blind assemblies. They can easily be slotted into the

**MATERIAL:** Cage: Spring steel  
Nut: Steel

**HARDNESS:** HV 390 ÷ 470 / HRC 40 ÷ 47

**FINISH:** Anti-rust oil-dipped

mounting hole and can then be moved within the housing using a simple aligning punch.

They can also be removed immediately by reversing the process. The longer of the two tongues incorporates a small step which eliminates the gap between panels.

d Metric	Part Number	e	A +0,6	B ± 0,5	C ± 0,3	D ± 0,3	E ± 0,3	S	G ± 0,3	Hole	Box Quantity	Outer Box Quantity
M4	03101012	0,5-1,0	7,6	19,5	13	5,9	11,2	0,5	12	Fig. 1	200	1600
M4	03101020	1,0-1,5	8,1	18,5	13	5,9	11,2	0,5	12	Fig. 1	200	1600
M4	03101039	1,5-2,0	8,6	17,5	13	5,9	11,2	0,5	12	Fig. 1	200	1600
M5	03101047	0,5-1,0	7,6	19,5	13	5,9	11,2	0,5	12	Fig. 1	200	1600
M5	03101055	1,0-1,5	8,1	18,5	13	5,9	11,2	0,5	12	Fig. 1	200	1600
M5	03101063	1,5-2,0	8,6	17,5	13	5,9	11,2	0,5	12	Fig. 1	200	1600
M6	03101071	0,5-1,0	7,6	19,5	13	5,9	11,2	0,5	12	Fig. 1	200	1600
M6	03101080	1,0-1,5	8,1	18,5	13	5,9	11,2	0,5	12	Fig. 1	200	1600
M6	03101098	1,5-2,0	8,6	17,5	13	5,9	11,2	0,5	12	Fig. 1	200	1600
M7	03101100	0,6-1,1	9,4	27,4	19	7,4	15,5	0,7	16,5	Fig. 2	100	1600
M7	03101119	1,1-1,6	9,9	26,4	19	7,4	15,5	0,7	16,5	Fig. 2	100	1600
M7	03101127	1,6-2,1	10,4	25,4	19	7,4	15,5	0,7	16,5	Fig. 2	100	1600
M8	03101135	0,6-1,1	9,4	27,4	19	7,4	15,5	0,7	16,5	Fig. 2	100	1600
M8	03101143	1,1-1,6	9,9	26,4	19	7,4	15,5	0,7	16,5	Fig. 2	100	800
M8	03101151	1,6-2,1	10,4	25,4	19	7,4	15,5	0,7	16,5	Fig. 2	100	800