



# Cylindrical cage nut

## Information

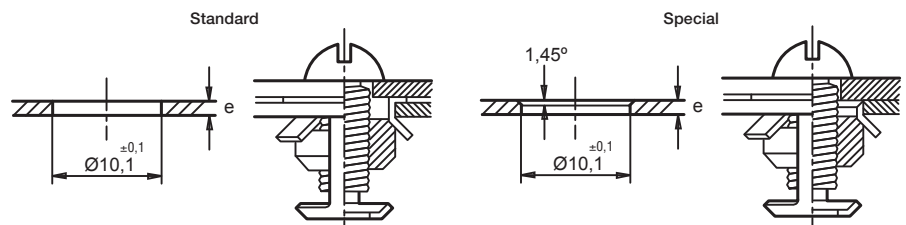
Cage nuts combine the classic elastic properties of fasteners used for assembly with the strength of multi-threaded steel nuts. Cage nuts are designed to be used in any kind of assembly including blind assemblies and are particularly common in equipment racks. They can be fastened within their housing 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.

Cylindrical cage nuts are designed to be in assemblies where the only access is in the front of the panel. They are designed to be fitted on an assembly line into circular punched or drilled mounting holes. As the bolt is tightened the cylindrical mild steel walls of this nut expand until it fits tightly within the mounting hole. For this reason the cylindrical cage nut is not re-usable. It is recommended for use in panels with a wide range of different thicknesses.

## Cylindrical cage nut

For Metric bolt Nominal d e	Part n° Cylindrical cage nut	D ±0,5	B ±0,4	d <sub>1</sub> ±0,1	s	Box quantity	Outer box quantity
M.4 (0,7-4,0)	03100765	12,3	13	9,9	0,6	200	1600
M.5 (0,7-4,0)	03100773	12,3	13	9,9	0,6	200	1600
M.6 (0,7-4,0)	03100781	12,3	13	9,9	0,6	200	1600

## Applications standard special



### Surface treatment:

Cr3 white zinc-plated mild steel

