DIN 582 eye nut



DIN 582 · C15E steel

Reference configuration: Carcano A056. No-reduction range adopted here: −20 / +200 °C.

Variants and dimensions (mm)

Thread size (D)	A	B	C	E	F	G	H
M6	20.0	36.0	20.0	8.5	8.0	10.0	36.0
M8	20.0	36.0	20.0	8.5	8.0	10.0	36.0
M10	25.0	45.0	25.0	10.0	10.0	12.0	45.0
M12	30.0	54.0	30.0	11.0	12.0	14.0	53.0
M14	35.0	63.0	35.0	13.0	14.0	16.0	62.0
M16	35.0	63.0	35.0	13.0	14.0	16.0	62.0
M18	40.0	72.0	40.0	16.0	16.0	19.0	71.0
M20	40.0	72.0	40.0	16.0	16.0	19.0	71.0

Dimensions in mm. Ratings and operating conditions are in the dedicated section. Availability requires confirmation.

Technical drawings and key



A: Internal eye diameter.

B: External eye width.

C: Base diameter.

D: Nominal thread size.

E: Base height.

F: Ring thickness in side view.

H: Height above seating face.

G: Neck width at the base in side view.

Illustrative drawings, not to scale. Letters refer to table dimensions.

Load conditions

Thread size	Configuration	Angle	W.L.L. kg
M6	Single point, axial loading	0°	75.0
M8	Single point, axial loading	0°	140.0
M10	Single point, axial loading	0°	230.0
M12	Single point, axial loading	0°	340.0
M14	Single point, axial loading	0°	490.0
M16	Single point, axial loading	0°	700.0
M18	Single point, axial loading	0°	850.0
M20	Single point, axial loading	0°	1200.0

Reference configuration: Carcano A056. No-reduction range adopted here: −20 / +200 °C.

Ratings here apply to one point under axial 0° loading. Check mating-thread length and strength and full base seating.

Data apply to the identified reference configuration, not to every product of the same size. Confirm supply identity, markings and documentation before use. Qualified personnel must install and inspect the device, with the base fully seated and fixing appropriate to the structure. Check condition and markings before each use and observe the instruction inspection intervals and limits. Not for lifting people. This selection sheet does not replace the manufacturer instructions.

Weight and tightening

Thread size (D)	Weight kg	Max. tightening torque Nm
M6	0.05	3.5
M8	0.05	8.0
M10	0.09	16.0
M12	0.16	28.0
M14	0.24	45.0
M16	0.24	70.0
M18	0.37	95.0
M20	0.36	135.0