THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT

MS14102 — narrow, chamfered outer ring

Bearing, Self-Lubricating, Self-Aligning, Narrow, Chamfered Outer Ring: dimensions and part numbers as tabulated.



MS14102

Specification

Item	Value
Type	Bearing, self-lubricating, self-aligning
Material	Self-lubricating bearing with PTFE liner; ring materials as the standard states
Status	Check the current issue of the standard before design use.

Dimensions by size

Dimension, in	-4	-5	-6
B — bore (+.0000 / -.0005)	.2500	.3125	.3750
D — outside diameter (+.0000 / -.0005)	.6250	.6875	.8125
H — see drawing (+.005)	.327	.317	.406
M — see drawing (min)	.300	.360	.46
Q — see drawing (min)	15	14	8
W — see drawing (+.000 / -.002)	.437	.437	.500
Static radial — Static limit load, radial, lb	5500	9400	13700
Static axial — Static limit load, axial, lb	1770	1640	2630
Oscillating — Oscillating load, lb	4900	6050	8310
Torque, standard — No-load breakaway torque, standard	0.25 - 5.0	0.25 - 8.0	0.25 - 8.0
Torque, K type — No-load breakaway torque, K type	0 - 0.5	0 - 1.0	0 - 1.0
Weight — Weight, lb max (ref.)	.031	.035	.060

Dimensions in inches, loads in pounds, as tabulated; tolerances in the dimension names.

Part numbers

Part no.	Size
MS14102-4	.2500
MS14102-5	.3125
MS14102-6	.3750

Dash numbers of the standard, each with its own link.

How to read the part number

Part	Meaning
Format	MS14102-<dash>
Example	MS14102-4 — dash 4

Notes

- Breakaway torque: standard and K type; the listing prints the range for groups of dash numbers, applied here to each dash in the group.
- Dimension names follow the drawing letters of the listing; the listing does not name every letter.

SOURCES · MS14102 — Bearing, Self-Lubricating, Self-Aligning, Narrow, Chamfered Outer Ring

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/bearings/ms14102/

Reference data. The aircraft manufacturer's documentation (SRM / IPC) takes precedence.