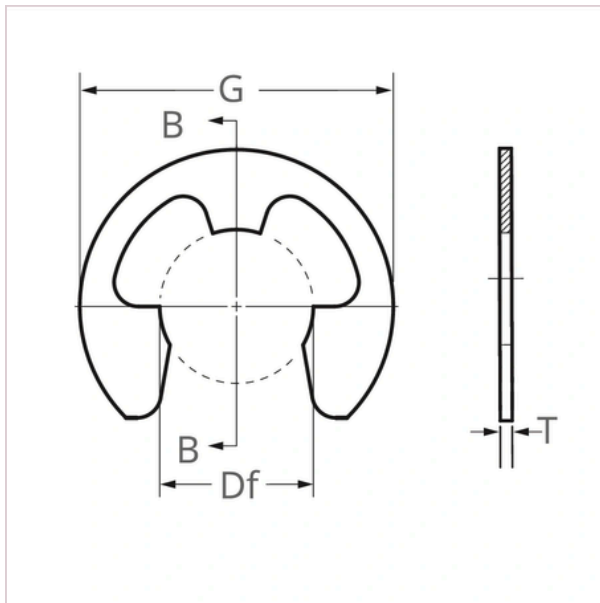


Description

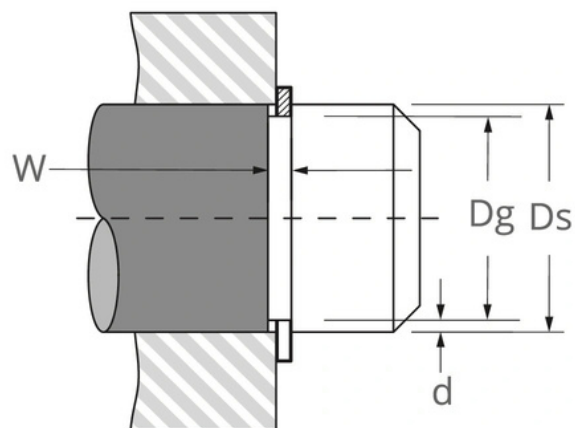
E-12

E retaining rings are radially assembled external circlips and are part of Rotor Clip's radial retaining ring family. Named for their characteristic "E" shape, these rings feature three prongs that make contact with the bottom of the groove to provide a shoulder for the effective radial retention in assemblies.

Images



Free Diameter & Ring Measurements with Section B-B



Shaft Diameter & Groove Dimensions

Specifications

Part Data

Housing or Shaft	Shaft
Axial or Radial	Radial
Shaft Diameter Ds	0.125 inches
Ds mm	3.200 mm
Groove Diameter Dg	0.095 - 0.097 - inches
Groove Width W	0.019 - 0.021 - inches
Groove Depth D	0.015 inches
Free Diameter Df	0.091 - 0.095 - inches
Thickness T ***	0.013 - 0.017 - inches
Outside Diameter G	0.230 inches
Clearance Dia. Installed In Groove L2	0.240 inches
Weight Per 1000 Pcs.	0.090 lbs.
Edge Margin Y Min.	inches
Hardness ST	84.500 - 87.000 - HR15N
Hardness SS	82.500 - 86.000 - HR15N

Hardness BC	79.000 - 82.000 - HR15N
Interchange Waldes Truarc	5133 12
Interchange IRR	1000 12
Interchange Anderton	N1500 0012
Interchange Mil Or Aero	MS16633D 12
Interchange Din	

Performance Data

Thrust Load Ring Safety Factor Of 3 Pr	66 lbs.
Thrust Load Groove Safety Factor Of 2 Pg	45 lbs.
R.P.M. Limits Standard Material RPM	35,000.000

Tool Data

Standard Applicator (Flat)	A-050
45 Applicator	A-054
90 Applicator	A-059
Offset Applicator	A-057
Heavy Duty Dispenser	D-230
Spring Rail Dispenser	SD-230

Product SKUs

ITEM SKU	STYLE	MATERIAL	FINISH
E-12SS	Radially Assembled External/Shaft	PH 15-7 Stainless Steel	None/Self Finish