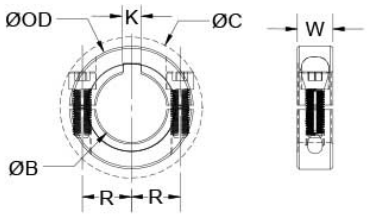
SPK-48-F

Ruland SPK-48-F, 3" Two-Piece Shaft Collar, Black Oxide Steel, Clamp Style with Keyway, 4 1/4" OD, 0.875" Width





Description

Ruland SPK-48-F is a two-piece shaft collar with a 3" bore, 3/4" keyway, 4 1/4" OD, and 0.875" width. The clamp style design does not mar the shaft, is easy to remove, and is indefinitely adjustable. SPK-48-F is commonly used for guiding, spacing, stopping, mounting, and component alignment. Equipment manufacturers benefit from the tightly controlled face to bore perpendicularity (TIR of ? .002"). Perpendicularity is critical for alignment when the shaft collar is used as a load bearing face, mechanical stop, or for mounting components such as gears or bearings. Proprietary processes have been developed by Ruland to maintain superior fit, finish, and holding power. SPK-48-F is stamped with the Ruland name and bore size for ease of identification. Halves are mated throughout the manufacturing process for proper fit and alignment. Forged screws test beyond ANSI standards to ensure maximum holding power. SPK-48-F is machined from solid bar stock to a fine burr free finish and sourced exclusively from North American mills. Ruland uses 1215 lead-free steel with a proprietary black oxide finish that produces a fine glossy finish while increasing holding power and resisting corrosion. It is RoHS3 and REACH compliant and manufactured in our Marlborough, MA factory under strict controls using proprietary processes.

Product Specifications

Bore (B1)	3.0000 in	**Bore Tolerance**	+0.0020 in / +0.0005 in
Keyway (K)	3/4 in	**Width (W)**	0.875 in
Outer Diameter (OD)	4 1/4 in	**Width Tolerance**	+0.003 in / -0.010 in
Clearance Diameter (C) MAX	4.499 in	**Recommended Gap**	0.125 in
Recommended Shaft Tolerance	+0.0000 in / -0.0010 in	**Forged Clamp Screw**	3/8-24
Screw Material	Alloy Steel	**Hex Wrench Size**	5/16 in
Screw Finish	Black Oxide	**Seating Torque**	570 lb-in
Screw Location (R)	1.813 in	**Number of Screws**	2 ea
Material Specification	1215 Carbon Steel Bar	**Temperature**	-40°F to 350°F (-40°C to 176°C)
Finish Specification	Hot Process Black Oxide, Impregnated with Naphthenic Oil, Centrifugally Dried	**Manufacturer**	Ruland Manufacturing
Country of Origin	USA	**Weight (lbs)**	1.539400
UPC	634529110645	**UNSPC**	31162811
Tariff Code	8483.60.8000		
Note 1	Performance ratings are for guidance only. The user must determine suitability for a particular application.		
Prop 65	⚠**WARNING** This product can expose you to the chemical Ethylene Thiourea		