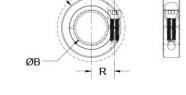




## TSP-24-6-SS-LH

Ruland TSP-24-6-SS-LH, 1 1/2" - 6 TPI Left Hand Threaded Shaft Collar, 303 Stainless Steel, Two-Piece Clamp Style, 2 3/8" OD, 0.563" Width





## Description

ØOD

Ruland TSP-24-6-SS-LH is a left hand threaded two-piece shaft collar with a 1 1/2" - 6 TPI bore, 2 3/8" OD, and 0.563" width. It has higher axial holding power than round bore shaft collars of similar size. Ruland double taps threads to ensure a precise and burr-free finish allowing for easy installation and removal, proper fit, and extended shaft life. The clamp style design will not mar the shaft. TSP-24-6-SS-LH 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. TSP-24-6-SS-LH is stamped with the Ruland name and bore size for ease of identification. Forged screws test beyond ANSI standards to ensure maximum holding power. Halves are mated throughout the manufacturing process for proper fit and alignment. It is manufactured from solid bar stock sourced from select North American mills and machined to a fine burr free finish. Ruland uses 303 stainless steel with hardware of like material for consistent corrosion resistance. Stainless steel hardware undergoes a proprietary surface treatment process to prevent galling. TSP-24-6-SS-LH is RoHS3 and REACH compliant and manufactured in our Marlborough, MA factory under strict controls using proprietary processes.

## **Product Specifications**

Duter Diameter (OD)2 3/8 inWidth (W)0.563 inClearance Diameter (C) MAX2.538 inWidth Tolerance+0.003 in / -0.010 inRecommended Gap0.063 inRecommended Shaft Tolerance+0.0000 in / -0.0005 inForged Clamp Screw1/4-28Screw Material18-8 300 Series Stainless SteelHex Wrench Size3/16 inScrew FinishBrightSeating Torque110 lb-inScrew Location (R)0.984 inNumber of Screws2 eaMaterial SpecificationType 303 Austenitic, Non-Magneti BarFemperature-40°F to 350°F (-40°C to 176°C)Finish SpecificationBright, No PlatingManufacturerRuland ManufacturingCountry of OriginUSAWeight (lbs)0.419700UPC634529241158Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.				
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Recommended Gap0.063 inRecommended Shaft Tolerance+0.0000 in / -0.0005 inForged Clamp Screw1/4-28Screw Material18-8 300 Series Stainless SteelHex Wrench Size3/16 inScrew FinishBrightSeating Torque110 lb-inScrew Location (R)0.984 inNumber of Screws2 eaMaterial SpecificationType 303 Austenitic, Non-Magneti BarTemperature-40°F to 350°F (-40°C to 176°C)Finish SpecificationBright, No PlatingManufacturerRuland ManufacturingCountry of OriginUSANeight (lbs)0.419700UPC634529241158Fariff Code8483.60.8000UNSPC31162811Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.	Outer Diameter (OD)	2 3/8 in	Width (W)	0.563 in
Forged Clamp Screw1/4-28Screw Material18-8 300 Series Stainless SteelHex Wrench Size3/16 inScrew FinishBrightSeating Torque110 lb-inScrew Location (R)0.984 inNumber of Screws2 eaMaterial SpecificationType 303 Austenitic, Non-Magneti BarTemperature-40°F to 350°F (-40°C to 176°C)Finish SpecificationBright, No PlatingManufacturerRuland ManufacturingCountry of OriginUSANeight (lbs)0.419700UPC634529241158Fariff Code8483.60.8000UNSPC31162811Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.	Clearance Diameter (C) MAX	2.538 in	Width Tolerance	+0.003 in / -0.010 in
Hex Wrench Size 3/16 in Screw Finish Bright   Seating Torque 110 lb-in Screw Location (R) 0.984 in   Number of Screws 2 ea Material Specification Type 303 Austenitic, Non-Magneti Bar   Temperature -40°F to 350°F (-40°C to 176°C) Finish Specification Bright, No Plating   Manufacturer Ruland Manufacturing Country of Origin USA   Neight (lbs) 0.419700 UPC 634529241158   Fariff Code 8483.60.8000 UNSPC 31162811   Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular application.	Recommended Gap	0.063 in	Recommended Shaft Tolerance	+0.0000 in / -0.0005 in
Seating Torque110 lb-inScrew Location (R)0.984 inNumber of Screws2 eaMaterial SpecificationType 303 Austenitic, Non-Magneti BarTemperature-40°F to 350°F (-40°C to 176°C)Finish SpecificationBright, No PlatingManufacturerRuland ManufacturingCountry of OriginUSANeight (lbs)0.419700UPC634529241158Fariff Code8483.60.8000UNSPC31162811Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.	Forged Clamp Screw	1/4-28	Screw Material	18-8 300 Series Stainless Steel
Number of Screws2 eaMaterial SpecificationType 303 Austenitic, Non-Magneti BarTemperature-40°F to 350°F (-40°C to 176°C)Finish SpecificationBright, No PlatingManufacturerRuland ManufacturingCountry of OriginUSANeight (lbs)0.419700UPC634529241158Fariff Code8483.60.8000UNSPC31162811Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.	Hex Wrench Size	3/16 in	Screw Finish	Bright
Femperature -40°F to 350°F (-40°C to 176°C) Finish Specification Bar   Manufacturer Ruland Manufacturing Country of Origin USA   Neight (lbs) 0.419700 UPC 634529241158   Fariff Code 8483.60.8000 UNSPC 31162811   Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular application.	Seating Torque	110 lb-in	Screw Location (R)	0.984 in
ManufacturerRuland ManufacturingCountry of OriginUSANeight (lbs)0.419700UPC634529241158Tariff Code8483.60.8000UNSPC31162811Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.	Number of Screws	2 ea	Material Specification	Type 303 Austenitic, Non-Magnetic Bar
Weight (lbs)0.419700UPC634529241158Fariff Code8483.60.8000UNSPC31162811Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.	Temperature	-40°F to 350°F (-40°C to 176°C)	Finish Specification	Bright, No Plating
Fariff Code8483.60.8000UNSPC31162811Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.	Manufacturer	Ruland Manufacturing	Country of Origin	USA
Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.	Weight (Ibs)	0.419700	UPC	634529241158
	Tariff Code	8483.60.8000	UNSPC	31162811
Prop 65 AWARNING This product can expose you to the chemical Nickel (metallic), known to the State of Californ	Note 1	Performance ratings are for guidance only. The user must determine suitability for a particular application.		
	Prop 65	AWARNING This product can ex	pose you to the chemical Nickel (met	tallic), known to the State of California

to cause cancer. For more information go to www.P65Warnings.ca.gov.

Installation Instructions

- 1. Use the TSP-24-6-SS-LH left threaded shaft collar as it is received.
- 2. Wipe the bore clean.
- 3. Apply a thin coat of light oil to the shaft.
- 4. Place the collar onto the desired shaft location and tighten it using a 3/16 in hex wrench until a slight resistance is felt.
- 5. Be sure to maintain the gap of 0.063 inbetween the two halves of the collar during installation.
- 6. Wring collar into its final position and tighten the screw to the full recommended seating torque of 110 lb-in using a 3/16 in torque wrench.