

New from Ruland:
Mountable shaft collars with face holes

Marlborough, MA, December 2023. Ruland has released mountable shaft collars with face holes for applications where the shaft collar needs to be directly mounted to a component such as a pulley, sprocket, or metallic plate. The shaft collars are available with drilled face holes that give the user flexibility in mounting hardware, or tapped holes that match the standard screw threading of the collar for ease of installation.

Ruland designs and manufactures face mount shaft collars to have superior fit, finish, and holding power. They have precise face to bore perpendicularity ($TIR \leq 0.002$ inch or 0.05 mm), which is critical for mounting applications these shaft collars are typically used in. The groove in the face of the collar identifies the work surface for easy installation. Ruland face mount shaft collars have a burr-free finish, making them an ideal solution for applications in industries such as medical, food, and semiconductor, where contamination is unacceptable. Face mount shaft collars undergo proprietary manufacturing processes to maintain their round bore geometry for tight tolerances, proper installation fit, and improved clamping capabilities.

Ruland offers mountable shaft collars with face holes with drilled or tapped holes. Drilled holes allow for a wider variety of inch or metric mounting hardware to be used. Tapped holes provide a direct interface between the collar, screw, and mated component for the most reliable fit. Either configuration can accommodate socket head, set, or button head screws. The face holes are aligned 180 degrees from each other, allowing the user to install the collar in any orientation.

Ruland manufactures mountable shaft collars with face holes from 1215 lead-free steel for high strength, 2024 aluminum with an anodized finish for lightweight, and 303 stainless steel for corrosion resistance. They are available in one-piece clamp style in bore sizes from 3/8 inch to 3 inches and 10 mm to 80 mm.

Shaft collars with face holes are manufactured by Ruland in its factory in Massachusetts, USA, under strict controls using proprietary processes. Full product specifications, technical videos, and free 3D CAD files are available on ruland.com.

Summary:

- Shaft collars can mount directly to sprockets, pulleys, and other components
- Drilled style for flexibility of mounting options
- Tapped style for ease of installation
- Manufactured and inventoried in Ruland's factory in Marlborough, Massachusetts

Picture:

Mountable shaft collar from Ruland with tapped face hole

About Ruland:

Ruland Manufacturing Co., Inc. is a privately owned family company founded in 1937. Ruland has carefully and responsibly manufactured high performing shaft collars, rigid couplings, and motion control couplings for the past 40 years. Ruland's product line was recently expanded to include a variety of machine components from select manufacturers that align with Ruland's performance and quality standards.

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