



RSA SCRAPER

Fits AS4052 or AS4088 Gland Standards

UNIQUE DESIGN EXTENDS SERVICE LIFE

The RSA (Rubber Spring Actuated) scraper provides superior contaminant exclusion in the most rugged service conditions. A compression-activated device, the RSA scraper uses a low compression set rubber O-ring “spring” to maintain the constant radial compression that results in continual contact with both the rod and gland diameter—even in extreme cold, under high linear speeds and during heavy side loading. The RSA scraper’s unique radial design virtually eliminates rod wear and prevents rolling or twisting while retaining sufficient upstream fluid to assure lubrication of the primary seal, resulting in extended service life. Additionally, the RSA scraper can be wave cut for ease of installation for nonstandard applications.

The RSA scraper is manufactured in a broad range of high modulus elastomers including hydrogenated nitrile and our proprietary, low-temperature urethane. Its energizer is available in a variety of elastomeric materials, each compounded for service in specific fluids and temperatures.

FEATURES & BENEFITS

- Maximum exclusion capabilities for elimination of contamination ingress
- Excellent wear resistance resulting in extended service life
- Seal design virtually eliminates rod wear and rolling and twisting, resulting in extended service life
- Offered in a variety of configurations to meet most of the standard glands used in today’s existing aircraft



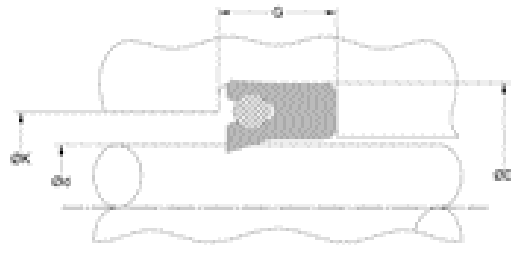
RSA Scraper

RSA SCRAPER CONFIGURATIONS

Designed for standard “snap-in” Type I back-up O-ring glands per AS4088 and AS4052, the RSA scraper eliminates the need for costly followers and complex gland designs and can be wholly incorporated into the bearing retaining nut (will also fit two-piece gland configurations). In larger sizes the RSA scraper can be designated to fit virtually all existing specialty exclusion device glands.

Gland Dimensions

Rod

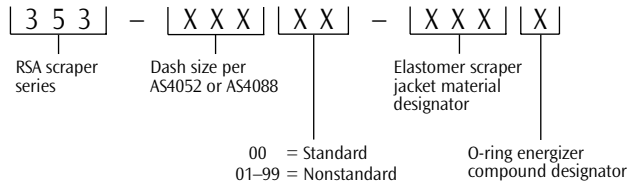


Note: The gland retainer lip diameter (ØK) provides for adequate clearance to prevent contaminant build up. See the Capabilities section.

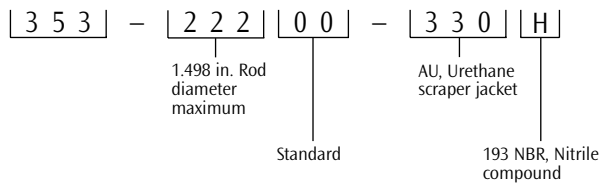


RSA SCRAPER PART NUMBERING SYSTEM

The part numbering system requires the use of the material designator tables found in the next column. For nonstandard designs contact GT engineering.



Part Numbering Example



Contact your local Greene, Tweed representative for specific recommendations to suit higher performance requirements.

Material Designator Tables

CODE	SCRAPER JACKET
330	AU, Urethane
364	AU, Urethane
845	EPDM, Ethylene Propylene
927	FKM, Fluorocarbon
984	XNBR, Carboxylated Nitrile

CODE	O-RING ENERGIZER
A	155 NBR, Nitrile
C	942 EPDM, Ethylene Propylene
D	724 FKM, Fluorocarbon
G	366 AU, Urethane
H	193 NBR, Nitrile
R	757 FKM, Fluorocarbon



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