Polymer Technologies Inc.

Engineering Sound Solutions ™

**Elastomeric Solutions Division** 

# Attributes

- Fail-safe
- Axial to radial stiffness ratio 1:1
- Compact, low profile design
- Easy to install
- Rugged design

#### **Technical Data Sheet** Materials Specifications For:

Ring and Bushing Mount Series: Size 3

# Applications

- Truck, bus and marine
- Generators, HVAC
- Electronics
- Pumps, compressors, blowers

## Load range

- 1761 = 5 load ratings to 300 lbs. max.
- 1762 = 5 load ratings to 630 lbs. max.
- 1763 = 5 load ratings to 1330 lbs. max.
- 1764 = 5 load ratings to 2100 lbs. max.
- 1765 = 5 load ratings to 4560 lbs. max.

### Weights

- 1761 = .10 lbs.
- 1762 = .31 lbs.
- 1763 = .70 lbs.
- 1764 = 1.5 lbs.
- 1765 = 2.8 lbs.

# Specifications

- Natural Frequency—8-18 Hertz
- Transmissibility at resonance—10:1
- Resilient Element—Neoprene
- Standard materials—Cold-rolled steel

## **Elastomeric Data**

- Neoprene has an operating temperature range of -40°F to +200°F (-40°C to +93°C) and is resistant to oil, most solvents and ozone
- Other elastomeric formulations are available in BUNA-N, Silicone, Butyl and Polybutadiene for improved damping, low and high temperature resistance

Specifications subject to change without notice. Check with factory for latest revisions. The Federal Trade Commission considers no existing test methods or standards regarding flammability as accurate indictors of the performance of cellular plastic materials under actual fire conditions. Results of existing test methods, such as UL-94, MVSS-302, SAE J-369, and FAR 25.853 are intended only as measurements of the performance of such materials under specific controlled test conditions. Any flammability ratings shown are not intended to reflect hazards presented by these materials under actual fire conditions. The information contained herein is based on laboratory test data developed for PTI and is believed to be reliable, but its accuracy or completeness is not guaranteed. The buyer must test any product to determine the suitability for h is specific application before use. PTI DISCLAIMS ANY RESPONSIBILITY FOR: 1) WARRANTIES OF FITNESS AND PURPOSE, 2) VERBAL RECOMMENDATIONS, 3) CONSEQUENTIAL DAMAGES FROM USE AND 4) VIOLATION OF ANY PATENTS OF TRADEMARKS HELD BY OTHERS.

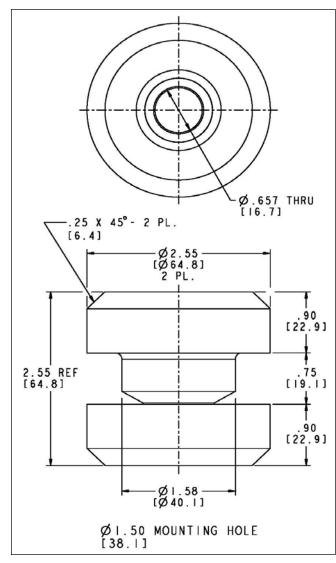


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Ring and Bushing Mount Series: Size 3

Part #	Thick Plate Thickness (in.)	Axial Load Thick (lbs.)	Radial Load Thick (lbs.)	Axial Natural Frequency (hz.) Thick	Thin Plate Thickness (in.)	Axial Load Thin (lbs.)	Radial Load Thin (lbs.)	Axial Natural Frequency (hz.) Thin	Bolt Size Grade 8	Max Torque (ftlbs) Dry	Color
1763-30	7/8	210	90	11	3/4	90	70	15	5/8	220	Red
1763-40	7/8	350	140	11	3/4	150	105	15	5/8	220	Orange
1763-50	7/8	490	225	11	3/4	225	160	15	5/8	220	Yellow
1763-60	7/8	860	385	11	3/4	325	245	15	5/8	220	Green
1763-70	7/8	1330	690	11	3/4	500	360	15	5/8	220	Blue



SNUBBING	WASHER
BIJUDDIIJU	WASHEN

P/N SW-2810-0657-0188-SZ

O.D. = Ø 2.810"

I.D. = Ø .657"

THICKNESS = .188"

MATERIAL-1010-1020 CRS

FINISH—CLEAR ZINC

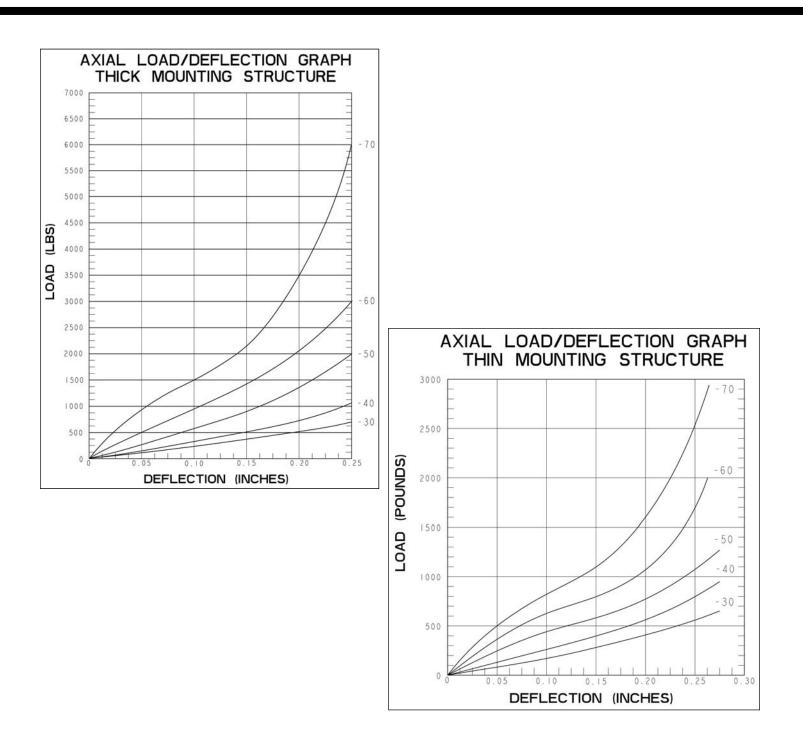
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Ring and Bushing Mount Series: Size 3



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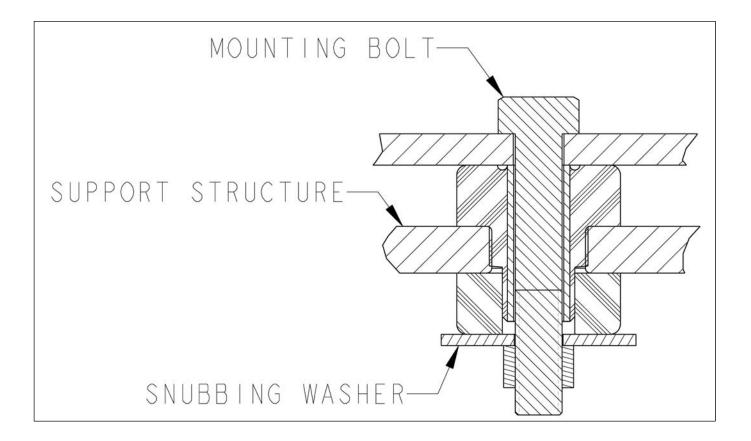


**Technical Data Sheet** Materials Specifications For:

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Ring and Bushing Mount Series: Size 3

Part #	Mounting Hole Diameter	Mounting Hole Radius	Snubbing Washer Part Number	Snubbing Washer OD	Snubbing Washer ID	Snubbing Washer Thickness
1761	.75	.04	SW 1560-0391-0090-SZ	1.560	.391	.090
1762	1.25	.06	SW-2130-0532-0134-SZ	2.130	.532	.134
1763	1.50	.09	SW-2810-0657-0188-SZ	2.810	.657	.188
1764	2.25	.12	SW-3880-0938-0250-SZ	3.880	.938	.250
1765	2.50	.13	SW-5250-1063-0375-SZ	5.250	1.063	.375



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