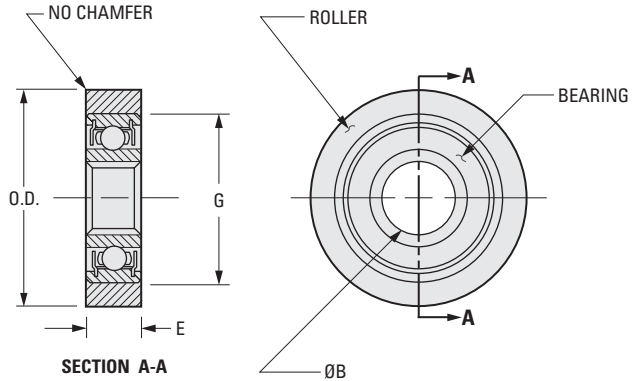


URETHANE SURFACE  
WITH DOUBLE-SHIELDED ABEC 3 BEARING

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**MATERIAL:**

- Roller** - Urethane 60 Durometer  
Ground Outside Diameter
- Bearing, Double-Shielded** - Stainless Steel



**INCH COMPONENT**

Catalog Number	O.D. ± .003	B Bore +.0000 -.0002	E Face Width ± .010	G
A 7Z 8-URBB05018	.500	.1875	.125	.375
A 7Z 8-URBB07518	.750	.1875	.125	.375
A 7Z 8-URBB06225	.625	.2500	.187	.500
A 7Z 8-URBB07525	.750	.2500	.187	.500
A 7Z 8-URBB11237	1.125	.3750	.281	.875
A 7Z 8-URBB15037	1.500	.3750	.281	.875
A 7Z 8-URBB11250	1.125	.5000	.281	.875
A 7Z 8-URBB15050	1.500	.5000	.281	.875

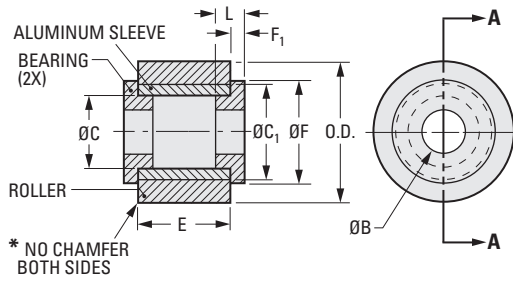
URETHANE SURFACE  
WITH POLYMER BEARING

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**> MATERIAL:**

- Roller** - Urethane 60 Durometer  
Ground Outside Diameter
- Sleeve** - Aluminum Alloy
- Bearing** - M250® Polymer



\* NO CHAMFER  
BOTH SIDES

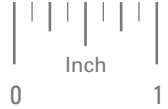
**INCH COMPONENT**

Catalog Number	O.D.	B Bore	E Face Width ±.010	L Bearing Length	F Flange Dia.	F <sub>1</sub> Flange Thickness Ref.	C Sleeve I.D.	C <sub>1</sub> Sleeve O.D.
A 7ZB5-URG05025A	.500	.1250 <sup>+0.0030</sup> <sub>+0.0012</sub>	.250	.1250	.360	.047	.250	.344
A 7ZB5-URG05025B	.500		.718	.1875	.360	.047	.250	.344
A 7ZB5-URG05025C	.500		.500	.1250	.360	.047	.250	.344
A 7ZB5-URG06737	.672	.2500 <sup>+0.0039</sup> <sub>+0.0016</sub>	.250	.1250	.560	.047	.375	.500
A 7ZB5-URG07537	.750		.500	.1250	.560	.047	.375	.500
*A 7ZB5-URG08137	.813		.500	.1250	.560	.047	.375	.500
A 7ZB5-URG09237	.922		.484	.1250	.560	.047	.375	.688
A 7ZB5-URG11237A	1.125		.438	.1250	.560	.047	.375	.500
A 7ZB5-URG11237B	1.125		.688	.1250	.560	.047	.375	.500
A 7ZB5-URG19837	1.988	.688	.1250	.625	.062	.375	1.375	
A 7ZB5-URG19850A	1.988	.3750 <sup>+0.0039</sup> <sub>+0.0016</sub>	.750	.1875	.625	.062	.625	1.375
A 7ZB5-URG19850B	1.988		1.000	.1875	.625	.062	.625	1.375

\* Catalog Number A 7ZB5-URG08137 has .062 x 45° chamfer on both sides.

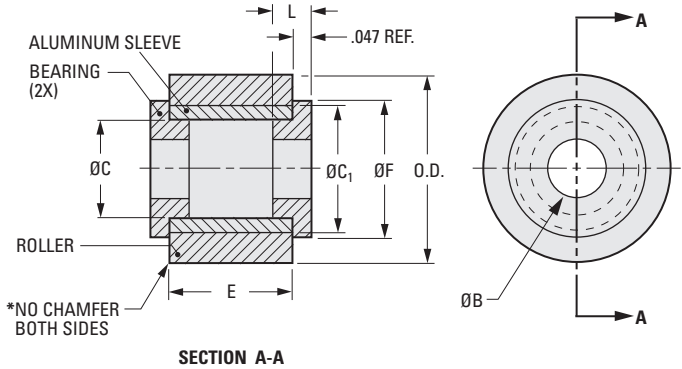
NEOPRENE SURFACE  
WITH POLYMER BEARING

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**MATERIAL:**

- Roller** - Neoprene 60 Durometer, Black  
Ground Outside Diameter
- Sleeve** - Aluminum Alloy
- Bearing** - M250® Polymer



**INCH COMPONENT**

Catalog Number	O.D.	B Bore	E Face Width ± .010	L Bearing Length	F Flange Dia.	C Sleeve I.D.	C <sub>1</sub> Sleeve O.D.
A 7ZB5-IRG05025B	.500	.2500 <sup>+.0039</sup> <sub>+.0016</sub>	.718	.1875	.360	.250	.344
*A 7ZB5-IRG06737	.672		.250	.1250	.560	.375	.500
A 7ZB5-IRG07537	.750		.500	.1250	.560	.375	.500
A 7ZB5-IRG08137	.813		.500	.1250	.560	.375	.500
A 7ZB5-IRG09237	.922		.484	.1250	.560	.375	.688
A 7ZB5-IRG11237A	1.125		.438	.1250	.560	.375	.500
A 7ZB5-IRG11237B	1.125		.688	.1250	.560	.375	.500
A 7ZB5-IRG19837	1.988		.688	.1250	.560	.375	1.375

\* Catalog Number A 7ZB5-IRG06737 has .062 x 45° chamfer on both sides.

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WITH SINTERED BRONZE BEARING  
NEOPRENE OR URETHANE SURFACE

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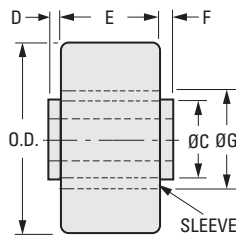
**> MATERIAL:**

- Roller** - Neoprene or Urethane 60 Durometer  
Ground Outside Diameter
- Sleeve** - Aluminum
- Bearing** - Sintered Bronze

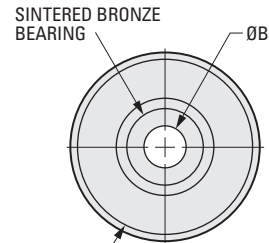


**Fig. 1**

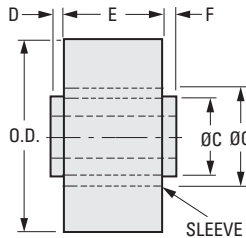
**Fig. 2**



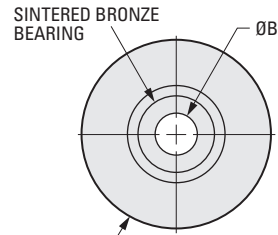
**Fig. 1  
With Chamfer**



**NEOPRENE OR URETHANE  
VULCANIZED TO SLEEVE**



**Fig. 2  
Without Chamfer**



**URETHANE  
VULCANIZED TO SLEEVE**

**INCH COMPONENT**

Catalog Number				O.D.	B Bore +.0015 -.0000	E Face Width ± .010	C Dia.	G Dia.	D	F
Neoprene	Fig.	Urethane Δ	Fig.							
A 7Z 5-IR0512	1	A 7Z 5-UR0512	2	1/2	1/8	23/32	1/4	11/32	1/32	1/32
A 7Z 5-IR0625	1	A 7Z 5-UR0625	2	43/64	1/4	1/4	3/8	1/2	—	—
A 7Z 5-IR0718	1	A 7Z 5-UR0718	2	3/4	3/16	1/2	3/8	1/2	1/32	—
A 7Z 5-IR0721	1	A 7Z 5-UR0721	2	3/4	7/32	1/2	7/16	1/2	1/64	1/64
A 7Z 5-IR0825	1	A 7Z 5-UR0825	1	13/16	1/4	1/2	3/8	1/2	1/64	1/64
A 7Z 5-IR0925	1	A 7Z 5-UR0925	2	59/64	1/4	31/64	3/8	11/16	1/64	3/32
A 7Z 5-IR1015	1	A 7Z 5-UR1015	2	1-3/32	5/32	9/16	25/64	1/2	1/32	1/32
A 7Z 5-IR1125	1	A 7Z 5-UR1125	2	1-1/8	1/4	7/16	3/8	1/2	1/32	—
A 7Z 5-IR1125W	1	A 7Z 5-UR1125W	2	1-1/8	1/4	11/16	3/8	1/2	1/32	1/32
*A 7Z 5-IR1937	1	A 7Z 5-UR1937	2	1.988	—	.687	3/8	1-3/8	—	—

\* Supplied less bearing.

Δ Urethane Idler Rollers will be supplied with chamfer until present stock is depleted.

After depletion, they will be sold without chamfer except for catalog number A 7Z 5-UR0825.

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## IDLERS

SDPSI

ALL STAINLESS STEEL CONSTRUCTION

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## MATERIAL:

Shaft - 303 Stainless Steel

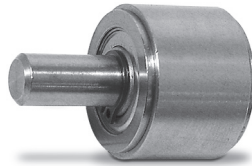
Bearing - 440C Stainless Steel

Hardware - 300 Series Stainless Steel



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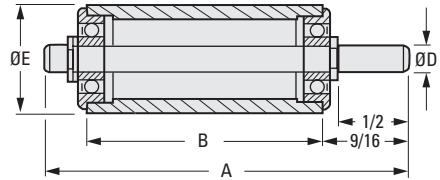


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## INCH COMPONENT

Catalog Number	A	B	D Shaft Dia. +.0000 -.0002	E Dia.
A 7Y 5-IS3118	1.25	.500	.1872	3/8
A 7Y 5-IS3718	1.25	.500	.1872	1/2
A 7Y 5-IS5018	1.25	.500	.1872	5/8
A 7Y 5-IS3725	1.25	.500	.2497	1/2
A 7Y 5-IS5025	1.25	.500	.2497	5/8
A 7Y 5-IS6225	1.25	.500	.2497	3/4
A 7Y 5-IL3118	1.75	1.000	.1872	3/8
A 7Y 5-IL3718	1.75	1.000	.1872	1/2
A 7Y 5-IL5018	1.75	1.000	.1872	5/8
A 7Y 5-IL3725	1.75	1.000	.2497	1/2
A 7Y 5-IL5025	1.75	1.000	.2497	5/8
A 7Y 5-IL6225	1.75	1.000	.2497	3/4

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# LOW COST IDLERS



STAINLESS STEEL HOUSING  
SINTERED BRONZE BEARINGS

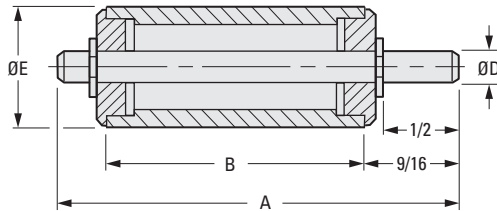
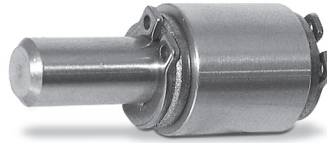
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**> MATERIAL:**

- Shaft** - 303 Stainless Steel
- Housing** - 303 Series Stainless Steel
- Bearings** - Sintered Bronze

Other sizes available on special order.



**INCH COMPONENT**

Catalog Number	A	B	D Shaft Dia. +.0000 -.0002	E Dia.
*S7AYPA-05020303	1.25	.500	.1872	3/8
S7AYPA-05020304	1.25	.500	.1872	1/2
S7AYPA-05020404	1.25	.500	.2497	1/2
S7AYPA-05020406	1.25	.500	.2497	3/4
S7AYPA-07040304	1.75	1.000	.1872	1/2
S7AYPA-07040305	1.75	1.000	.1872	5/8
S7AYPA-07040406	1.75	1.000	.2497	3/4

\* Retaining ring clearance diameter exceeds idler O.D.

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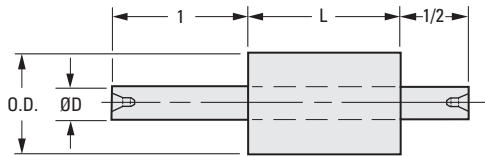
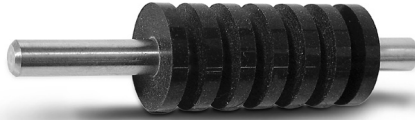
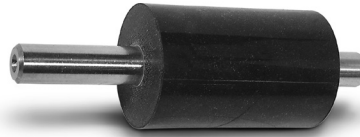
16

SOLID  
RIBBED

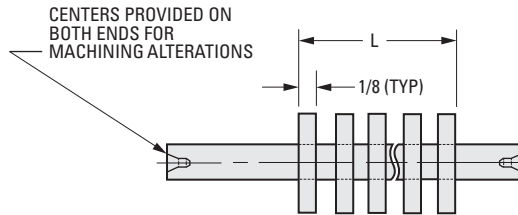
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**MATERIAL:**

Shaft - 303 Stainless Steel  
Roller - Black Polyether, 57A Durometer



**Fig. 1 Solid**



**Fig. 2 Ribbed**

**INCH COMPONENT**

Catalog Number *	Fig. No.	O.D.	D Dia. +.0000 -0.0002	L Length	No. of Ribs
A 7Z 5-SR07137	1	.750	.2497	1-3/8	Solid
A 7Z 5-SR10137	1	1.000	.3122	1-3/8	Solid
A 7Z 5-SR10187	1	1.000	.3122	1-7/8	Solid
A 7Z 5-RR07112	2	.750	.2497	1-1/8	5
A 7Z 5-RR07137	2	.750	.2497	1-3/8	6
A 7Z 5-RR07162	2	.750	.2497	1-5/8	7
A 7Z 5-RR10187	2	.750	.2497	1-7/8	8
A 7Z 5-RR10137	2	1.000	.3122	1-3/8	6
A 7Z 5-RR10187	2	1.000	.3122	1-7/8	8
A 7Z 5-RR10212	2	1.000	.3122	2-1/8	9

**NOTE:** Roller O.D. concentric to shaft within .002 T.I.R. max. O.D. has a cast surface for maximum frictional properties.

\* To be discontinued when present stock is depleted.

Minimum purchase is 10 pcs.

Large quantities available on special order.