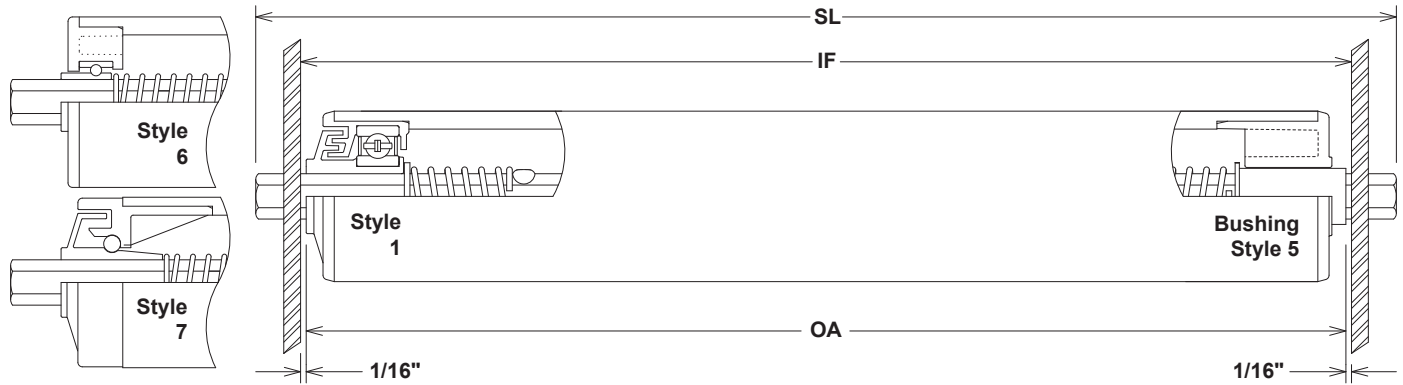


# Plastic Rollers

## 1.90" Dia. x .200" Wall Thickness - 7/16" Hex Shaft



<b>Bearings:</b>	<b>Type:</b>	<b>Part #</b>	<b>Style / Description:</b>
	Stainless Steel	1A5	7 / Series 302 stainless steel balls in a plastic housing and raceway
	Stainless Steel	1A8	7 / Series 316 stainless steel balls in a plastic housing and raceway
	Steel, Commercial	2W5	6 / Plastic housing - No seals
	Stainless Steel	2P8	6 / Plastic housing - No seals
	Steel, Commercial	2B1	1 / Plastic housing with double labyrinth seal construction
	Stainless Steel	2B2	1 / Plastic housing with double labyrinth seal construction
	ABEC-1 Precision	3B1	1 / Plastic housing with double labyrinth seal construction
	Bushing Style, Stainless	5C2	5 / "Ultra" plastic housing, stainless steel bushing
	Bushing Style, Nylon	5A3	5 / "Ultra" plastic housing, nylon bushing
<b>Tube:</b>	<b>Materials:</b>	<b>Part #</b>	<b>Description:</b>
	PVC	H45	1.90" x .200" Wall White "Hi-Impact" PVC
	PVC	D45	1.90" x .200" Wall Dark Gray PVC
<b>Shaft:</b>	<b>Materials:</b>	<b>Part #</b>	<b>Description:</b>
	Carbon Steel	C68	7/16" Hex Carbon Steel Shaft
	Stainless Steel	S70	7/16" Hex 304 Stainless Steel Shaft
	Aluminum	A66	7/16" Hex Aluminum Shaft
	Options:	Zinc Plated	
	** Plastic Adapters	C62	7/16" Hex External Adapter with 5/16" Hex Internal Carbon Steel Shaft
	Urethane Adapters	UC62	7/16" Hex External Adapter with 5/16" Hex Internal Carbon Steel Shaft
	** Plastic Adapters	S62	7/16" Hex External Adapter with 5/16" Hex Internal 304 Stainless Steel Shaft
	Urethane Adapters	US62	7/16" Hex External Adapter with 5/16" Hex Internal 304 Stainless Steel Shaft
	** Max 50 Lbs. Per Roller		
	Standard Extensions:	9/16"	
	Standard Springs:	Dual spring loaded with shaft depressing to bearing hub	
	Options:	Fixed shaft, through shaft, holes, pins or rings, drilled and tapped	

**Note:** 1A5, 1A8 and bushing style bearings are for intermittent use only.  
Not recommended for powered systems.

### Load Capacity (LBS.)

Frame I.F.	Bearing #					
	1A5 / 1A8	2W5	2P8	2B1	2B2	3B1
12	20	60	102	110	110	110
15	20	60	102	110	110	110
18	20	60	102	110	110	110
21	20	60	82	91	91	91
24	20	60	62	68	68	68
27	20	49	49	53	53	53
30	20	39	39	42	42	42
33	20	32	32	34	34	34
36	17	27	27	29	29	29
39	***	23	23	24	24	24
42	***	20	20	21	21	21
45	***	17	17	18	18	18
48	***	15	15	16	16	16

\* Load capacity with aluminum shaft is 33% of steel capacity.

\*\* Longer lengths are available upon request but are not recommended.