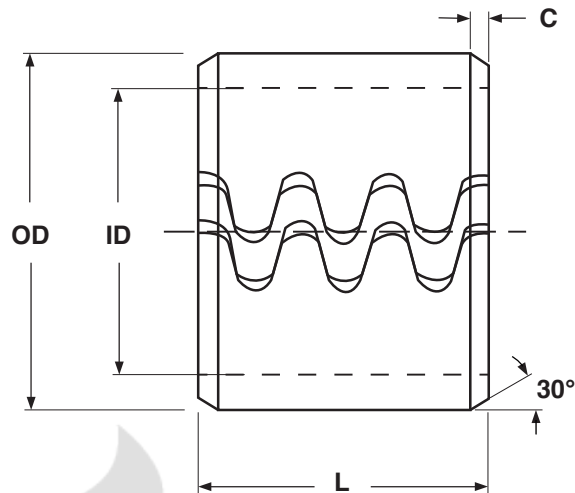


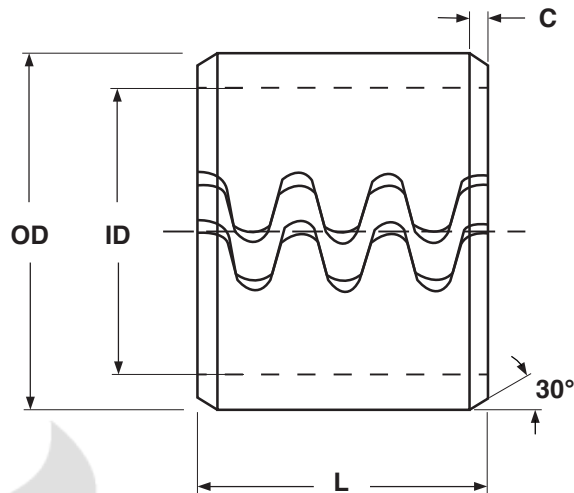


TENSION CONTROL BUSHINGS, TYPE 3 -- WAVY SLOT

OD -- Outside Diameter			ID -- Inside Diameter			L	C	
Nominal	Before Insertion		Nominal	After Insertion		Length Range	Chamfer Length	
	Max	Min		Max	Min		Max	Min
3/4"	0.810	0.770	1/2"	0.507	0.503	1/2 - 1 3/4"	0.090	0.060
1	1.060	1.020	3/4"	0.757	0.753	1/2 - 1 3/4"	0.120	0.080
				0.760	0.753	2 - 3"		
1 1/4"	1.310	1.270	1"	1.007	1.003	1/2 - 1 3/4"	0.120	0.080
				1.010	1.003	2 - 3"		
1 3/8"	1.435	1.395	1"	1.007	1.003	3/4 - 1 3/4"	0.120	0.080
			1 1/8"	1.132	1.128	1/2 - 1 3/4"		
1 1/2"	1.560	1.520	1"	1.007	1.003	1 - 1 3/4"	0.120	0.080
			1 1/4"	1.257	1.253	1/2 - 1 3/4"		
				1.260	1.253	2 - 3"		
1 5/8"	1.665	1.645	1 1/4"	1.257	1.253	3/4 - 1 3/4"	0.120	0.080
				1.260	1.253	2 - 3"		
	1.680	1.640	1 3/8"	1.382	1.378	3/4 - 1 3/4"		
1 3/4"	1.810	1.770	1 3/8"	1.382	1.378	3/4 - 1 3/4"	0.120	0.080
				1.385	1.378	2 - 3"		
			1 1/2"	1.507	1.503	1/2 - 1 3/4"		
				1.510	1.503	2 - 3"		
1 7/8"	1.935	1.895	1 1/2"	1.507	1.503	3/4 - 1 3/4"	0.120	0.080
				1.510	1.503	2 - 3"		
2"	2.060	2.020	1 1/2"	1.512	1.504	3/4 - 1 3/4"	0.150	0.100
				1.516	1.504	2 - 3"		
			1 3/4"	1.757	1.750	3/4 - 3"	0.120	0.080

Wavy Slot

TENSION CONTROL



TENSION CONTROL BUSHINGS, TYPE 3 -- WAVY SLOT

OD -- Outside Diameter			ID -- Inside Diameter			L	C	
Nominal	Before Insertion		Nominal	After Insertion		Length Range	Chamfer Length	
	Max	Min		Max	Min		Max	Min
2 1/4"	2.310	2.270	1 3/4"	1.757	1.753	1 - 1 3/4"	0.120	0.080
				1.760	1.753	2 - 3"		
			2"	2.012	2.004	1 - 1 3/4"		
				2.016	2.004	2 - 3"		
2 3/8"	2.446	2.406	2"	2.012	2.004	3/4 - 1 3/4"	0.120	0.080
				2.016	2.004	2 - 3"		
2 1/2"	2.570	2.530	2"	2.012	2.004	1 - 1 3/4"	0.150	0.100
				2.016	2.004	2 - 3"		
3"	3.090	3.030	2 1/2"	2.512	2.504	1 - 1 3/4"	0.150	0.100
				2.516	2.504	2 - 3"		
3 1/2"	3.590	3.530	3"	3.013	3.005	1 - 1 3/4"	0.150	0.100
				3.019	3.005	2 - 3"		
Tolerance on Length			± 1/32"					

Description	A cylindrical machine part with a wavy-shaped opening on one side. The openings at both ends have chamfered edges. The bushing is made from a high carbon steel that provides sufficient elasticity to provide a properly tight radial fit.
Applications/ Advantages	The bushing protects the bore or shaft in which it is installed. Typically, they are pressed into the rod or clevis end of hydraulic cylinders, pivot points for equipment attachments and other moving parts. The elasticity of the part and the chamfered end-design enables these items to be easily installed using a hammer and a drift or a hydraulic press without damaging other components to which they are being fitted. They resist wear, maintain performance in harsh environments and withstand temperatures up to 350° C. Among their uses include agricultural equipment, commercial lawn equipment, conveyors, earth movers, heavy trucks, material handling equipment, mining and railroad applications.
Material	6150 high carbon steel, thru-hardened
Hardness	Rockwell C 45 - 50
Plating	Tension control bushings are supplied with a natural, uncoated finish.