

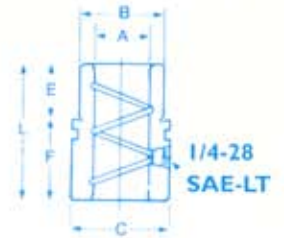
Bushings

Steel, press fit or removable
Master tolerances



To order, specify:
1. Catalog number. For removable bushing add R.
2. Quantity
3. How to ship
4. Contact nearest Producto Service Center on back cover

Purchased separately or assembled in Producto Master die sets. Press fit tolerances provide interference fit with Master guide pins to allow honing to proper assembly tolerances. Bushing shoulder ground square to press fit diameter assists in obtaining correct alignment when properly seated against ground surface of punch holder. Ground lead on press fit end starts bushing accurately into punch holder. Removable bushings furnished with clamps and screws. Lubrication fitting at intersection of double figure-eight oil grooves for simple, effective lubrication.

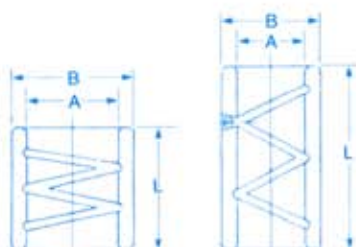


Nominal I.D.	Press fit		Removable		C	E	Short shoulder			Regular shoulder			Long shoulder		
	I.D. A	O.D. B	I.D. A	O.D. B			Cat. no.	F	L	Cat. no.	F	L	Cat. no.	F	L
0.50	.5003	0.7520	.5003	.7502	0.94	0.62				MB-4	1.00	1.62			
	.5004	0.7515	.5004	.7500											
0.62	.6253	1.0020	.6253	1.0002	1.25	0.62				MB-5	1.00	1.62			
	.6254	1.0015	.6254	1.0000											
0.75	.7503	1.1270	.7503	1.1252	1.34	0.87				MB-6	1.00	1.87			
	.7504	1.1265	.7504	1.1250		0.62				MB-6A	1.00	1.62			
1.00	1.0003	1.5020	1.0003	1.5002	1.72	1.12	MBS-8	0.81	1.94	MB-8	1.75	2.87	MBL-8	2.75	3.87
	1.0004	1.5015	1.0004	1.5000		.87				MB-8A	1.75	2.62			
1.25	1.2503	1.7525	1.2503	1.7502	1.97	1.25	MBS-10	0.81	2.06	MB-10	2.00	3.25	MBL-10	3.00	4.25
	1.2504	1.7520	1.2504	1.7500		.93				MB-10A	2.00	2.93			
1.50	1.5004	2.0025	1.5004	2.0002	2.22	1.37	MBS-12	0.81	2.19	MB-12	2.00	3.37	MBL-12	3.00	4.37
	1.5005	2.0020	1.5005	2.0000		1.06				MB-12A	2.00	3.06			
1.75	1.7504	2.2530	1.7504	2.2502	2.59	1.62	MBS-14	1.00	2.62	MB-14	2.00	3.62	MBL-14	3.00	4.62
	1.7505	2.2525	1.7505	2.2500		1.37				MB-14A	2.00	3.37			
2.00	2.0005	2.5030	2.0005	2.5002	2.97	1.87	MBS-16	1.00	2.87	MB-16	2.00	3.87	MBL-16	3.00	4.87
	2.0006	2.5025	2.0006	2.5000		1.62				MB-16A	2.00	3.62			
2.50	2.5005	3.0030	2.5005	3.0002	3.59	1.87	MBS-20	1.00	2.87	MB-20	2.50	4.37	MBL-20	3.50	5.37
	2.5006	3.0025	2.5006	3.0000											
3.00	3.0005	3.6280	3.0005	3.6252	4.09	1.87	MBS-24	1.00	2.87	MB-24	2.50	4.37	MBL-24	3.50	5.37
	3.0006	3.6275	3.0006	3.6250											

Nominal I.D.	I.D. A	O.D. B	Short		Long	
			Cat. no.	L	Cat. no.	L
0.50	.5003	.7520	MA-4	1.50	MC-4	3.00
	.5004	.7515				
0.62	.6253	1.0020	MA-5	1.50	MC-5	3.00
	.6254	1.0015				
0.75	.7503	1.1270	MA-6	1.75	MC-6	3.00
	.7504	1.1265				
1.00	1.0003	1.5020	MA-8	1.75	MC-8	3.00
	1.0004	1.5015				
1.25	1.2503	1.7525	MA-10	2.00	MC-10	3.00
	1.2504	1.7520				
1.50	1.5004	2.0025	MA-12	2.00	MC-12	3.00
	1.5005	2.0020				
1.75	1.7504	2.2530			MC-14	3.00
	1.7505	2.2525				
2.00	2.0005	2.5030			MC-16	3.00
	2.0006	2.5025				
2.50	2.5005	3.0030			MC-20	3.00
	2.5006	3.0025				

Straight Guide Pin Bushings

Steel, press fit
Master tolerances



For clamp arrangement, see page 13.