

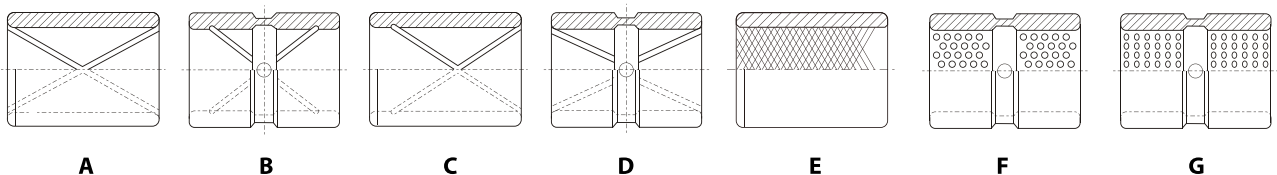
ST Steel Bushing

This product is backed with steel, and its inner surface has many crossed oil groove, round and elliptical oil socket. After quenched and tempered, the surface toughness and wear-resistant has been improved. this product is used in engineering machinery field.

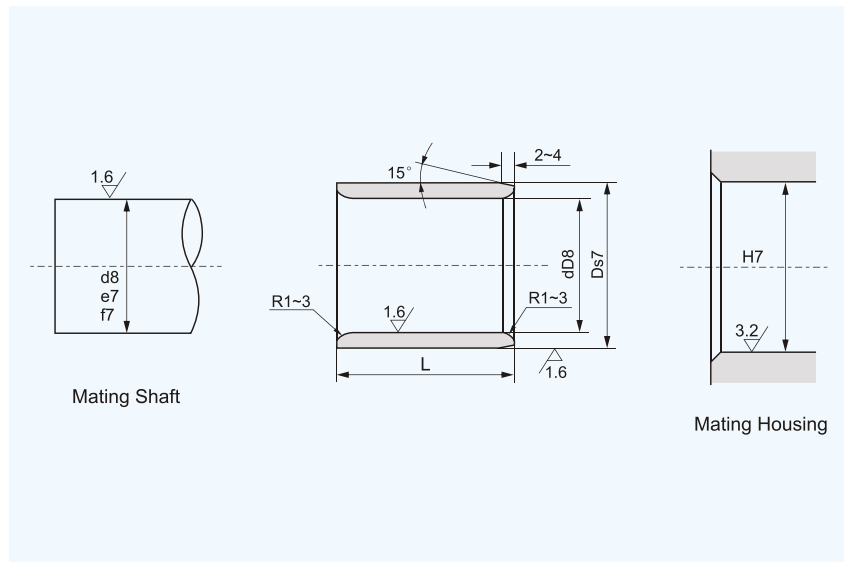


Type	ST-8	ST-9	ST-10
材质Material	GCr15	42CrMo	20Cr
Material Composition and Properties			
Hardness	55HRC	HV>650 or 58~62HRC 0.8~1.0 (Carbonization depth 0.8~1.0mn)	58~62 HRC
Max load	250 N/mm ²	100 N/mm ²	100 N/mm ²
Max Linear Velocity	0.1m/s	0.1m/s	0.1m/s
Max PV Value	1.5 N/mm ² ·m/s	1.5 N/mm ² ·m/s	1.5 N/mm ² ·m/s
Working Temperature Limit	-100°C~+350°C	-100°C~+350°C	-100°C~+350°C
Mating tolerance	Mating Housing: H7 / Mating Shaft: e7/ f7		

Typical Oil Groove Format or as Customers Designs



ST Steel Bushing



Unit:mm

d	D8	D	s7	L 0/0.5											
				20	25	30	35	40	50	60	70	80	100	120	
30	+0.098	38		●	●	●	●	●	●						
30	+0.065	40		●	●	●	●	●	●						
32		42		●		●		●							
35		45		●	●	●	●	●	●	●					
38		48		●		●		●		●					
40		50	●	●	●	●	●	●	●	●					
40		+0.119	55	●		●	●	●	●	●					
45		+0.080	60			●	●	●	●	●	●				
50			60			●	●	●	●	●	●				
50			62			●		●	●	●	●				
50			65				●		●	●	●	●			
55			70				●	●	●	●	●	●			
60			75			●	●	●	●	●	●	●			
65			80				●		●	●	●	●	●		
70			+0.146	85			●	●	●	●	●	●	●		
75			+0.100	90						●	●	●	●		
75				95							●	●	●	●	
80				95						●	●	●	●	●	
80		100							●	●	●	●	●		
85				100							●		●		
90				+0.174	110					●	●	●	●	●	
100				+0.120	120					●	●	●	●	●	
110				130					●	●		●	●	●	
120				+0.132	140							●	●	●	
120				+0.092									●	●	
130					150									●	●
140			+0.208		160									●	●
140			+0.145												●
150			+0.148		170									●	●
150		+0.108												●	