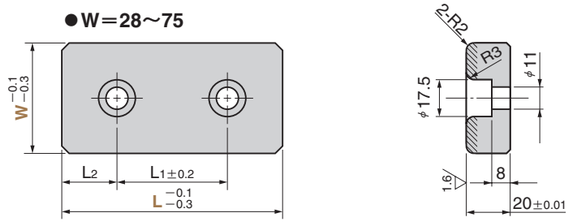
Oilless Slide Plate Copper Powder Sintered Type Thickness 20mm SO#220

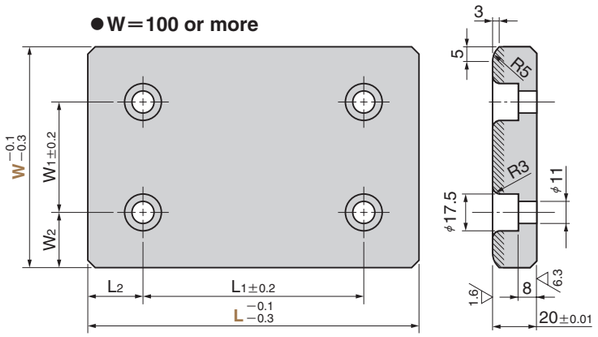
RoHS

SOX

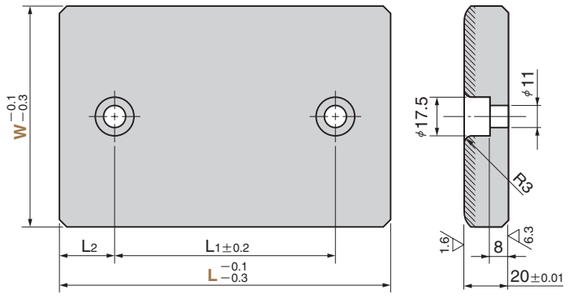
●W=28～75



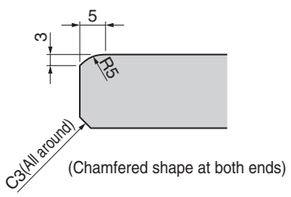
●W=100 or more



SOXT(Sintered, 2-Hole Type)



●Sliding Direction



(Chamfered shape at both ends)

Material Copper powder sintered(SO#220)
Hatched area sintered
Thickness 1.2mm or more
SS400 (Base Plate)

■Operation Range

Lubricating Condition	Environment Condition	Max. Allowable Load P N/mm²	Max. Allowable Sliding Speed V m/min	Max. Allowable PV value N/mm²・m/min	Operation Range Temperature ℃
No lubrication	Atmosphere	50	30	100	−40～+120
Regular lubrication(Grease)		75	60	150	

■Physical Properties

Specific Gravity g/cm³	Hardness HRM	Compression strength N/mm² (0.2% proof stress)	Impregnation Ratio %
6.2±0.3	70～90	200～250	18 or more

W1	W2	L1	L2	Catalog No.	W	L SOX	L SOXT
		45	15			75	
		50	25		28	100	
		100				150	
		45	15			75	
		50	25		38	100	
		100				150	
		45	15			75	
		50				100	
		75	25		48	125	
—	—	100		SOX		150	—
			50			200	
		45	15			75	
		50			58	100	
		100				150	
		25				75	
		50				100	
		75			75	125	
		100				150	
50	25	150	25		100	200	
		200				250	
			50			300	—
		75		SOX SOXT		125	—
		100	25			150	
50	37.5	150			125	200	
		200				250	
			50			300	—
		100				150	
100	25	150	25		150	200	
		200				250	

＊W1 and W2 are the dimensions only for SOX (W=100 or more).

Order

Catalog No.	W		L
SOX	28	—	75
SOXT	100	—	100

■We are ready to accept requests or orders for special parts.