

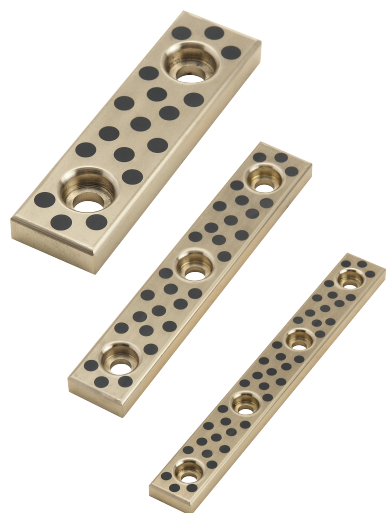
# Oilless Slide Plate

Copper Alloy High Pressure  
Type Thickness 10mm

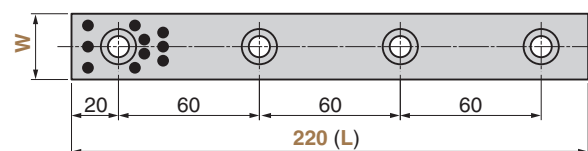
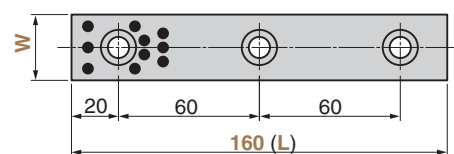
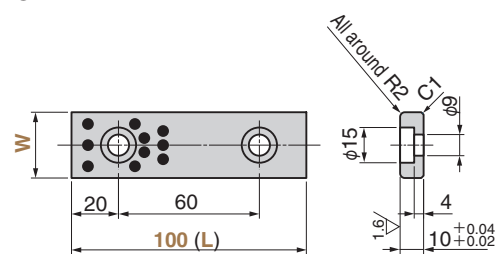
SO#50SP7



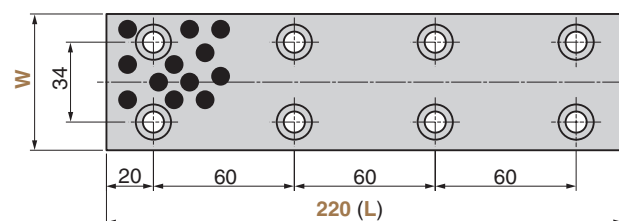
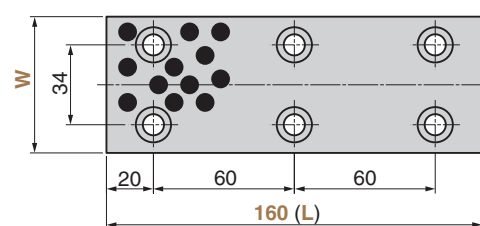
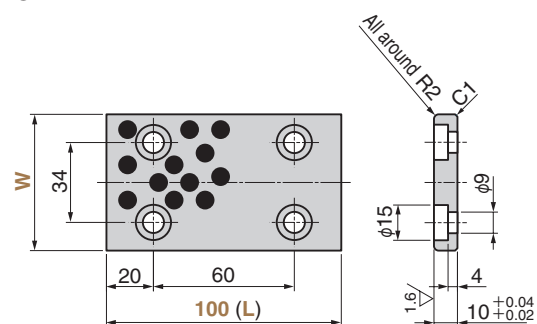
TLP



● For W=18 · 28 · 38 · 48



● For W = 58 · 68



● Sliding Direction



▲ When the product is used at high temperature (150°C or more), the embedding specification of solid lubricant is different. Please contact us for details.

▲ Bolt  
Hexagon Socket Brazier Head Bolt M8×15

Material Base Copper alloy (SO-7)  
Solid lubricant (GR-1)

## Operation Range

Lubricant Type	Lubricating Condition	Environment Condition	Max. Allowable Load P N/mm <sup>2</sup>	Max. Allowable Sliding Speed V m/min	Max. Allowable PV value N/mm <sup>2</sup> · m/min	Operation Range Temperature °C
GR-1	No lubrication	Atmosphere	120	10	200	-50 ~ +300
	Regular lubrication (Grease)			20	250	-50 ~ +150

## Physical Properties

Specific Gravity	Hardness HB	Elongation %	Tensile Strength N/mm <sup>2</sup>	Linear Expansion Coefficient ×10 <sup>-5</sup> /°C
7.8	260 or more	2 or more	833 or more	1.6

Catalog No.	W	(L)
TLP	18	100
		160
		220
	28	100
		160
		220
	38	100
		160
		220
	48	160
		220
		220
58	100	
	160	
	220	
68	100	
	160	
	220	

## Comparison of Pressure

Catalog No. (Material)	Max. Allowable Load N/mm <sup>2</sup>
TLP(SP7)	120
TWP(SP2) P.99	100
TWX(#220) P.117	50

Order **Catalog No.** **W** — **(L)**  
TLP 18 — 220

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