

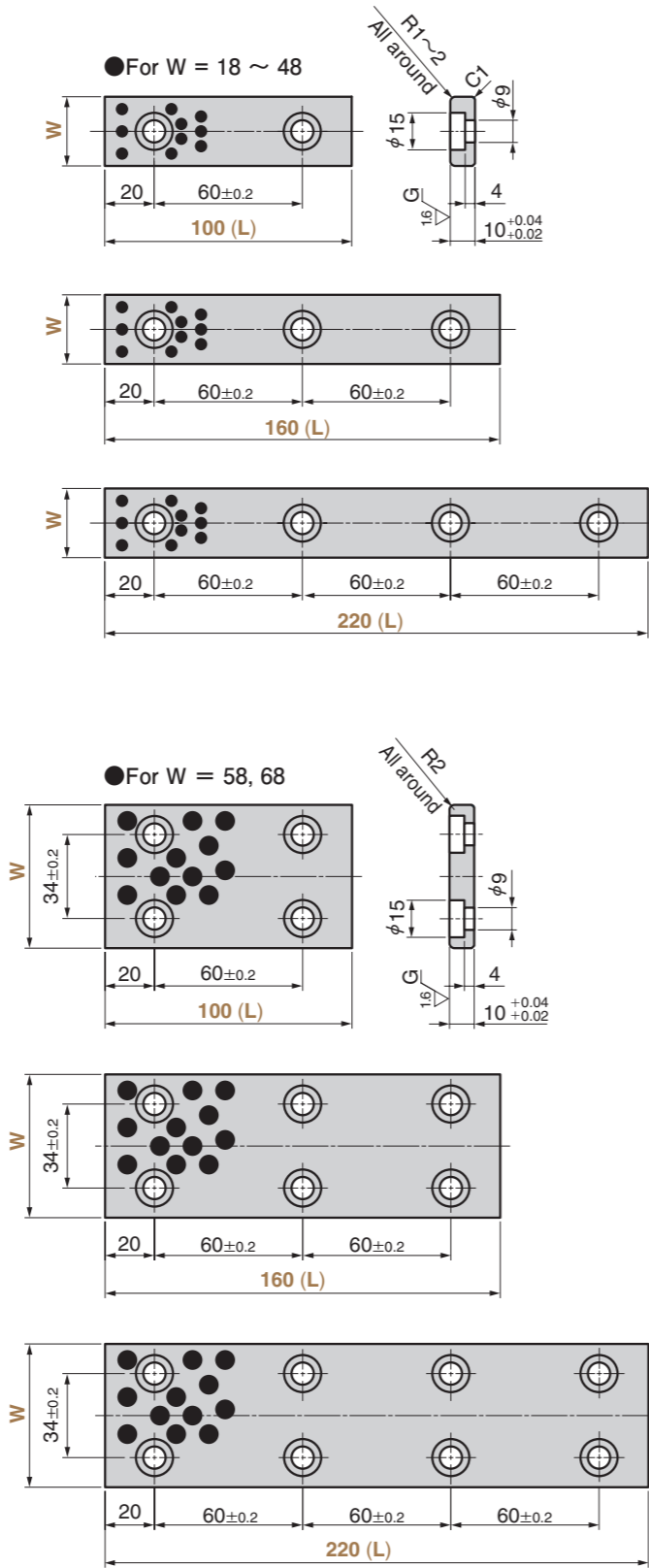
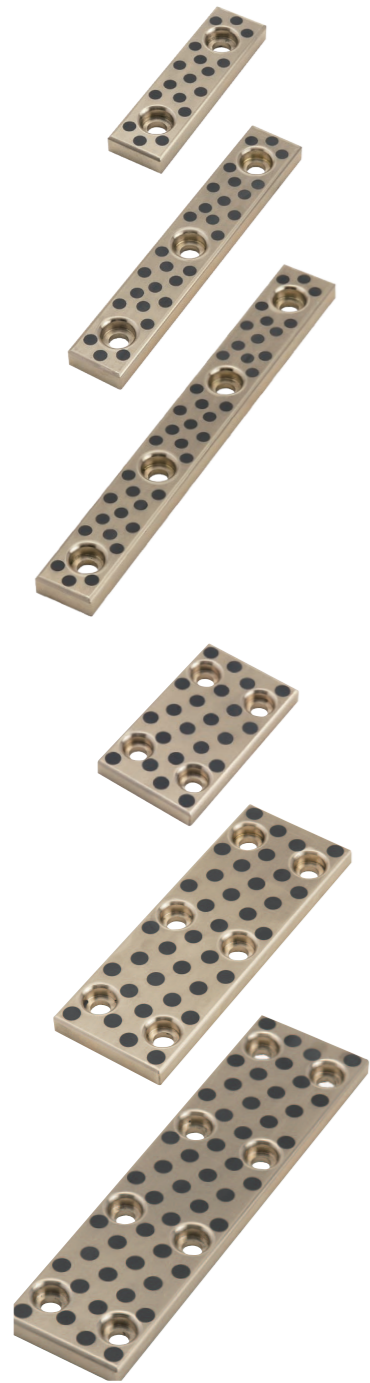
# Oilless Slide Plate

Copper Alloy High Pressure  
Type Thickness 10 mm

SO#50SP7



TLP



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

⚠ 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.

## 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
		100
	18	160
		220
		100
	28	160
		220
		100
TLP	38	160
		220
		100
	48	160
		220
		100
	58	160
		220
		100
	68	160
		220

Order **Catalog No.** **W** - **L**  
TLP 48 - 160

## Comparison of Pressure

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

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