

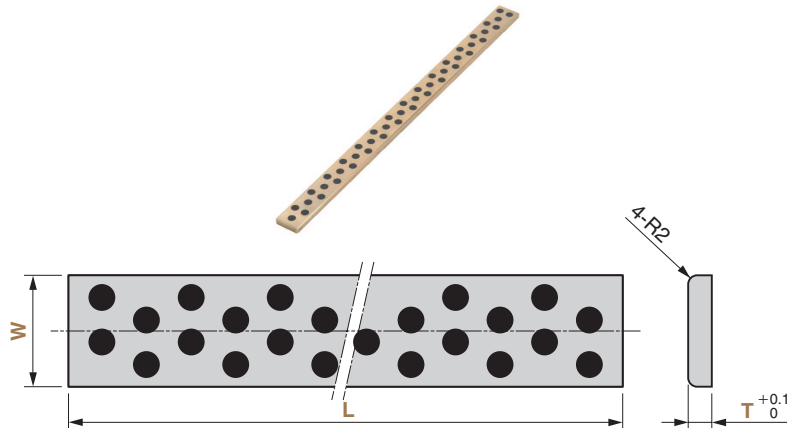
Oilless Slide Plate

Copper Alloy
Blank Type

SO#50SP2



FPLB



● 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.

Material Base Copper alloy (SO-2)
Solid lubricant (GR-1)

Operation Range

Lubricant Type	Lubricating Condition	Environment Condition	Max. Allowable Load P N/mm ²	Max. Allowable Sliding Speed V m/min	Max. Allowable PV value N/mm ² · m/min	Operation Range Temperature °C
GR-1	No lubrication	Atmosphere	100	15	150	-50 ~ +300
	Regular lubrication (Grease)			30	200	-50 ~ +150

Physical Properties

Specific Gravity	Hardness HB	Elongation %	Tensile Strength N/mm ²	Linear Expansion Coefficient ×10 ⁻⁵ /°C
7.9	210 or more	12 or more	755 or more	1.9

T (Actual Size)	Recommended Bolt	Catalog No.	W	L	T (Nominal)
5.3	M6×10 Countersunk Head Screw	FPLB	20	305	5
			25		
			30		
10.3	M8×15 Hexagonal Socket	FPLB	35	400	10
			40		
			50		
15.3	M10×20 Hexagon	FPLB	60	605	15
			80		
20.3	Socket Bolt	FPLB	100		20

● For Operation

Cut or drill the plate as required.
Prepare mounting holes before use.

Order **Catalog No.** **W** — **L** — **T**
FPLB 30 — 400 — 5

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