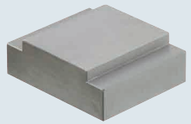
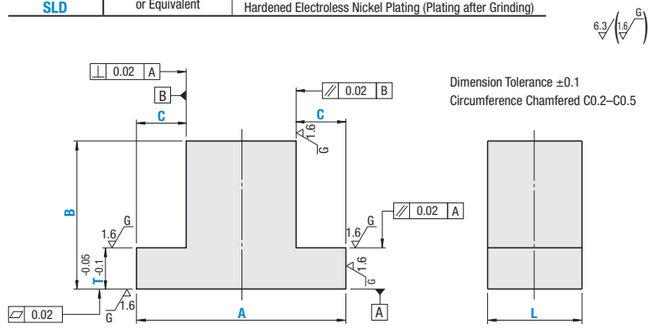
Slide Blocks

Slide Blocks



RoHS 10

Part Number	Material	Surface Treatment
SLI	1045 Carbon Steel or Equivalent	—
SLD		Hardened Electroless Nickel Plating (Plating after Grinding)



Part Number	1mm Increment				
	A	B	C	T	L
SLI SLD	50–150	20–80	5–60	5–15	50–150

Machining Conditions
5≤B-T≤60
20≤A-2C
When C>15, L≤100

Machining Limits
(Distance between Holes, Thickness between Holes and Edges)

Tapped Hole Dia.	b (Min. Value)
3 / 4 / 5	0.8
6 / 8 / 10	1.0

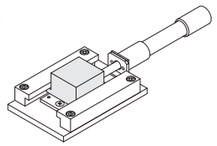
Part Number Example

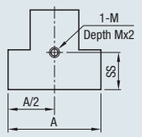
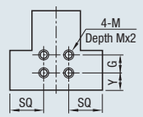
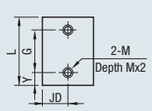
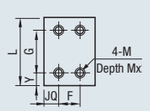
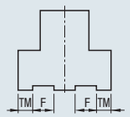
Part Number	-	A	-	B	-	C	-	T	-	L
SLI		- A120		- B50		- C20		- T10		- L100

Part Number Alterations

Part Number	-	A	-	B	-	C	-	T	-	L	- (SS / SQ ...etc.)
SLI		- A120		- B50		- C20		- T10		- L100	- SS15-M5

Application Example



Alterations	Tapped Hole Machining				Groove Machining
	1 Tapped Hole on the side	4 Tapped Holes on the side	2 Tapped Holes on the top	4 Tapped Holes on the top	Groove Machining on the bottom
					
Code	SS	SQ	JD	JQ	TM
Spec.	SS = 1 mm Increment **Order Code:** SS8-M5 **Tapped Hole Dia. Selection** Dimension: Nominal Dia. 3 4 5 6 8 10	SQ / Y / G = 1 mm Increment **Order Code:** SQ12-Y15-G10-M5 **Tapped Hole Dia. Selection** Dimension: Nominal Dia. 3 4 5 6 8 10	JD / Y / G = 1 mm Increment **Order Code:** JD40-Y12-G30-M8 **Tapped Hole Dia. Selection** Dimension: Nominal Dia. 3 4 5 6 8 10	JQ / F / Y / G = 1 mm Increment **Order Code:** JQ15-F20-Y12-G50-M6 **Tapped Hole Dia. Selection** Dimension: Nominal Dia. 3 4 5 6 8 10	TM / F = 1 mm Increment **Order Code:** TM-F10 Groove Depth 1.5 mm 2≤TM / F TM+F≤(A/2)-2

Oil-Free Slide Plates

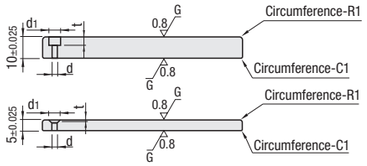
Copper Alloy

Oil-Free Slide Plates – Copper Alloy

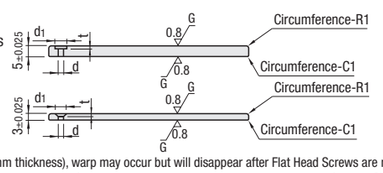
Material: Material: C86300 Bronze (JIS, HBSC4 Copper Alloy previously) Special Solid Lubricant Embedded

Accessories: STRL Hex Socket Extra Low Head Cap Screw
STRLU Hex Socket Flat Head Cap Screw
STRLUP Hex Socket Extra Low Head Cap Screw
STRLT Hex Socket Flat Head Cap Screw

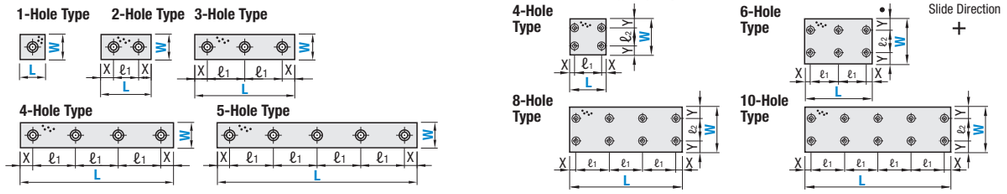
STRL (Plate Thickness 10mm)
STRLU (Plate Thickness 5 mm)



STRLUP (vPlate Thickness 5 mm)
STRLT (Plate Thickness 3 mm)



For STRLT (3 mm thickness), warp may occur but will disappear after Flat Head Screws are mounted.



Initial greasing is recommended for effective use.

Part Number Type	W	L	Mounting Hole Qty.	Hole Position	X	ℓ1	Y	ℓ2
STRL Plate Thickness 10 mm	20	*30	1	Single Row	—	—	—	—
		*40	2		10	20	—	—
		*50	2		10	30	—	—
		*60	2		10	40	—	—
		80	2		10	60	—	—
		100	3		10	40	—	—
		120	3		10	50	—	—
		150	3		10	65	—	—
		200	4		10	60	—	—
		250	5		13	56	—	—
		300	5		14	68	—	—
STRLU Plate Thickness 5 mm	30	*30	1		—	—	—	—
		*40	2		10	20	—	—
		*50	2		10	30	—	—
		*60	2		10	40	—	—
		80	2		10	60	—	—
		100	3		10	40	—	—
		120	3		10	50	—	—
		150	3		10	65	—	—
		200	4		10	60	—	—
		250	5		13	56	—	—
		300	5		14	68	—	—
STRLUP Plate Thickness 5 mm Counterbored W20 Only	40	40	1		—	—	—	—
		60	2		10	40	—	—
		80	2		10	60	—	—
		100	3		12	38	—	—
		120	3		12	48	—	—
		150	3		12	63	—	—
		200	4		13	58	—	—
		250	5		13	56	—	—
		300	5		14	68	—	—
STRLT Plate Thickness 3 mm (* marked sizes only)	50	50	1		—	—	—	—
		60	2		10	40	—	—
		80	2		10	60	—	—
		100	3		13	37	—	—
		120	3		13	47	—	—
		150	3		13	62	—	—
		200	4		13	58	—	—
		250	5		13	56	—	—
		300	5		14	68	—	—
	60	60	2		10	40	—	—
		80	2		10	60	—	—
		100	3		13	37	—	—
		120	3		13	47	—	—
		150	3		13	62	—	—
		200	4		13	58	—	—
		250	5		13	56	—	—
		300	5		14	68	—	—
	80	80	4	Double Row	10	60	20	40
		100	4		13	74	20	40
		120	6		13	47	20	40
		150	6		13	62	20	40
		200	6		13	87	20	40
		250	8		14	74	20	40
		300	10		14	68	20	40

STRLUP is applicable to W dimension 20 mm only. Only * marked L dimensions are available for STRLT.

Hole Machining Details

STRL (Hex Socket Extra Low Head Cap Screw)

W	d	d1	t	Included Screw Size
20	4.5	8	4	M4-20
30	5.5	9.5	5	M5-20
40	6.5	11	6	M6-20
50	9	15	6	M8-20
60				
80				

STRLU (Hex Socket Flat Head Cap Screw)

W	d	d1	t	Included Screw Size
20	4.5	9.5	2.5	M4-20
30	5.5	11.1	2.8	M5-20
40	6.5	13.1	3.3	M6-20
50	9	17.6	4.3	M8-20
60				
80				

STRLUP (Hex Socket Extra Low Head Cap Screw)

W	d	d1	t	Included Screw Size
20	4.5	8	3	M4-10

STRLT (Hex Socket Flat Head Cap Screw)

W	d	d1	t	Included Screw Size
20	4.5	9.5	2.5	M4-20
30	5.5	11.1	2.8	M5-20
40				

Initial greasing is recommended for more effective use.

Part Number Example

Part Number	-	L
STRLU30	-	150
STRLT20	-	60