

■ Material Introduction SRIM 070

The product is typified by its mild steel backing and the sintering surface of Cu-Fe alloy. Alloy layer is distributed uniformly the solid lubricant. By specially impregnated with oil, the product is keeping the lower coefficient of friction, having a good self-lubricating, friction-resistant and anti-gear, etc. The product is applied in the situation of high load and none of oil.

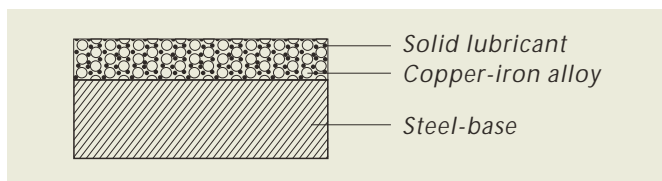
■ Physical and Mechanical Properties

Properties		Unit	Bearing Properties
Max. permissible load P (Dry friction)	Static load	N/mm ²	73.5
	Dynamic load	N/mm ²	24.5
Max. permissible load P (Periodical lubricant)	Static load	N/mm ²	73.5
	Dynamic load	N/mm ²	49
Max. Sliding speed V	Dry friction	m/s	0.5
	Periodical lubricant	m/s	1.0
Max. PV value	Dry friction	N/ mm ² .m/s	1.63
	Periodical lubricant	N/ mm ² .m/s	2.45
Temperature range			-40 ~ 120
Density		g/cm ³	6.3
Hardness		HB	55
Counterpart hardness		HRC	35
Counterpart roughness		μ m	0.2 ~ 0.8

■ Offering Product

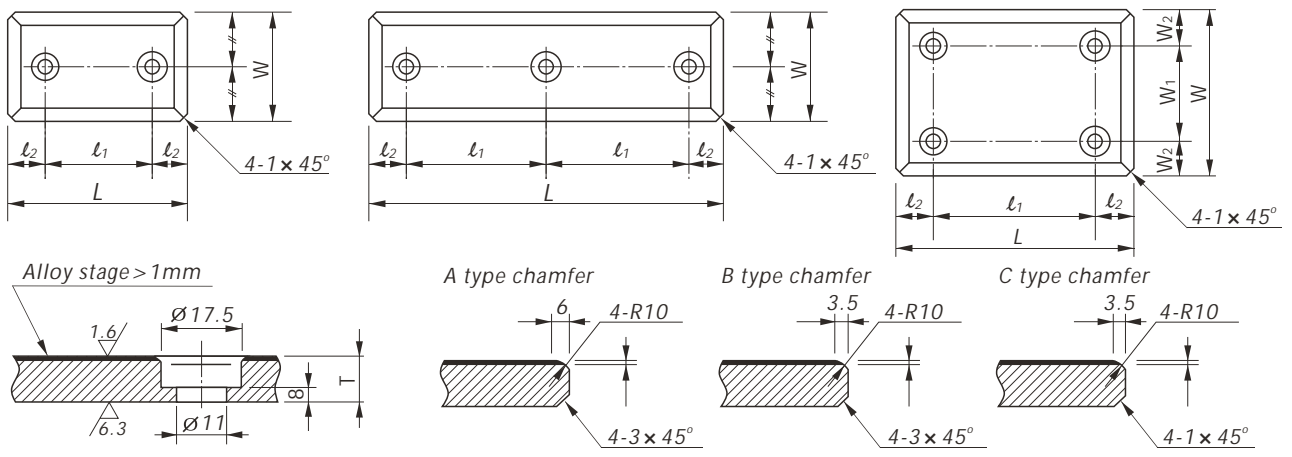


■ Providing Manner

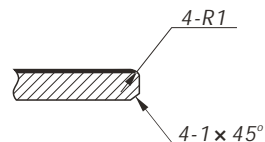
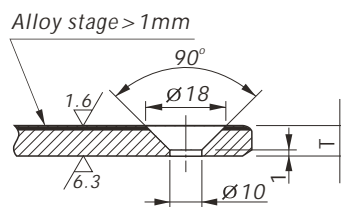
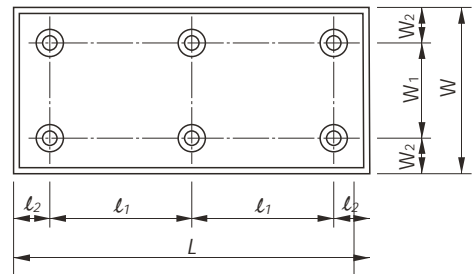
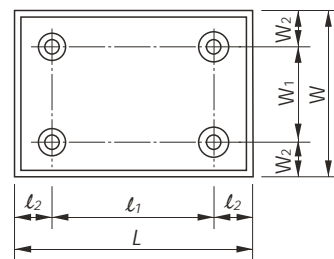
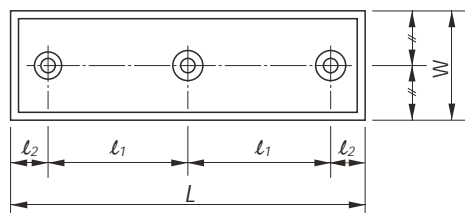
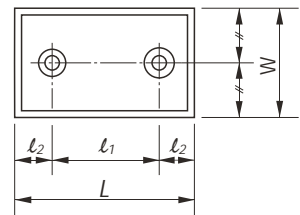


■ Sliding Block

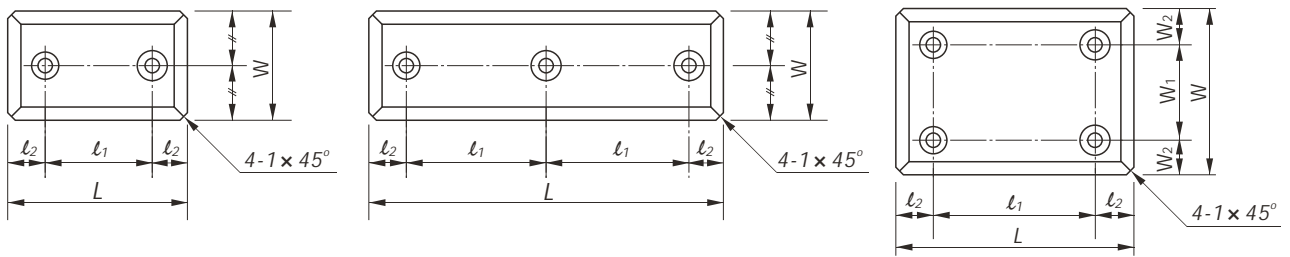
Standard product is supplied according to the type in below table, non-standard product is supplied according to the client' requests.



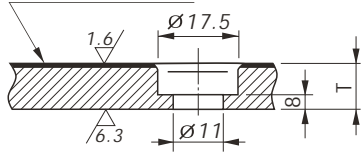
Type	$W_{-0.1}^{-0.3}$	$L_{-0.1}^{-0.3}$	$T_{-0.01}^{+0.01}$	$W_{1+0.2}^{-0.2}$	W_2	$l_{1+0.2}^{-0.2}$	l_2	Tapped holes	Chamfer form
SRIM 070PA287520		75				45	15		
SRIM 070PA2810020	28	100				50	25		
SRIM 070PA2815020		150				100	25		
SRIM 070PA387520		75				45	15		C
SRIM 070PA3810020	38	100				50	25		
SRIM 070PA3815020		150				100	25		
SRIM 070PA487520		75				45	15	2	
SRIM 070PA4810020		100				50	25		
SRIM 070PA4812520	48	125				75	25		
SRIM 070PA4815020		150							
SRIM 070PA4820020		200				100	50		B
SRIM 070PA4825020		250					25	3	
SRIM 070PA587520		75				45	15		
SRIM 070PA5810020	58	100				50			
SRIM 070PA5815020		150				100			
SRIM 070PA757520		75				25			
SRIM 070PA7510020		100				50			
SRIM 070PA7512520	75	125	20			75	25	2	
SRIM 070PA7515020		150				100			
SRIM 070PA7520020		200				150			
SRIM 070PA7525020		250						3	
SRIM 070PA7530020		300				100	50		
SRIM 070PA10010020		100				50			
SRIM 070PA10012520		125				75			
SRIM 070PA10015020		150			25	100	25		A
SRIM 070PA10020020		200				150			
SRIM 070PA10025020		250				200			
SRIM 070PA10030020		300		50			50		
SRIM 070PA12512520		125				75			4
SRIM 070PA12515020	125	150			100				
SRIM 070PA12520020		200			37.5	150	25		
SRIM 070PA12525020		250				200			
SRIM 070PA12530020		300					50		
SRIM 070PA15015020		150				100			
SRIM 070PA15020020	150	200		100	25	150	25		
SRIM 070PA15025020		250					200		
SRIM 070PA15025020		250							



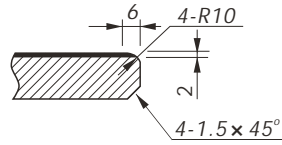
Type	$W_{-0.1}^{-0.3}$	$L_{-0.1}^{-0.3}$	$T_{-0.01}^{+0.01}$	$W_{1+0.2}^{-0.2}$	W_2	$l_{1+0.2}^{-0.2}$	l_2	Tapped holes	Match bolt
SRIM 070PB22505	22	50	5	45	15	20	15	2	M8×20×1.25
SRIM 070PB22755		75				45			
SRIM 070PB221005		100				70			
SRIM 070PB221505		150				60			
SRIM 070PB28505	28	50	5	45	15	20	15	2	M8×20×1.25
SRIM 070PB28755		75				45			
SRIM 070PB281005		100				70			
SRIM 070PB281505		150				60			
SRIM 070PB38505	38	50	5	45	15	20	15	3	M8×20×1.25
SRIM 070PB38755		75				45			
SRIM 070PB381005		100				70			
SRIM 070PB381505		150				60			
SRIM 070PB48505	48	50	5	45	15	20	15	2	M8×20×1.25
SRIM 070PB48755		75				45			
SRIM 070PB481005		100				70			
SRIM 070PB481505		150				60			
SRIM 070PB75755	75	75	5	45	15	45	15	4	M8×20×1.25
SRIM 070PB751005		100				70			
SRIM 070PB751255		125				95			
SRIM 070PB751505		150				60			
SRIM 070PB1001005	100	100	5	70	15	70	15	4	M8×20×1.25
SRIM 070PB1001255		125				95			
SRIM 070PB1001505		150				60			



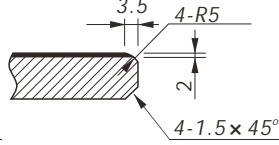
Alloy stage > 1mm



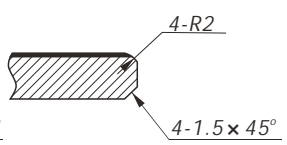
A type chamfer



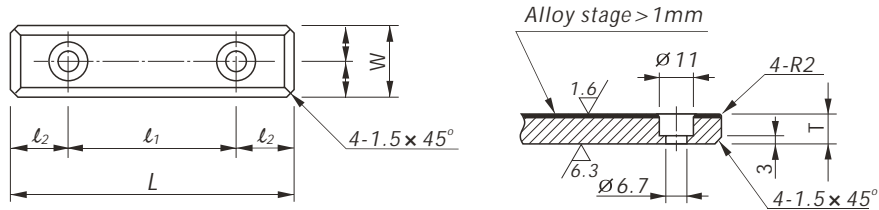
B type chamfer



C type chamfer



Type	$W_{-0.1}^{-0.3}$	$L_{-0.1}^{-0.3}$	$T_{+0.01}^{-0.01}$	$WT_{0.2}^{0.2}$	W2	$l_1_{+0.2}^{-0.2}$	l_2	Tapped holes	Match bolt	Chamfer form	
SRIM 070PC287510	28	75	10	50	25	45	15	2	M10×20×1.5	C	
SRIM 070PC2810010		100				50					
SRIM 070PC2812510		125				75	25				
SRIM 070PC2815010		150				100					
SRIM 070PC387510		75				45	15				
SRIM 070PC3810010	38	100	10	50	25	50	15	3	B		
SRIM 070PC3812510		125				75	25				
SRIM 070PC3815010		150				100					
SRIM 070PC487510		75				45	15				
SRIM 070PC4810010	48	100	10	50	25	50	15	3	B		
SRIM 070PC4812510		125				75	25				
SRIM 070PC4815010		150									
SRIM 070PC4820010		200				100	50				
SRIM 070PC4825010		250									
SRIM 070PC757510	75	75	10	50	25	25	15	3	M10×20×1.5	A	
SRIM 070PC7510010		100				50					
SRIM 070PC7512510		125				75	25				2
SRIM 070PC7515010		150				100					
SRIM 070PC7520010		200				150					
SRIM 070PC7525010		250				100	50				3
SRIM 070PC7530010		300									
SRIM 070PC10010010	100	100	10	50	25	50	15	4	M10×20×1.5	A	
SRIM 070PC10012510		125				75					
SRIM 070PC10015010		150				100	25				
SRIM 070PC10020010		200				150					
SRIM 070PC10025010		250				200	50				
SRIM 070PC10030010		300									
SRIM 070PC12512510	125	125	10	50	37.5	75	15	4	M10×20×1.5	A	
SRIM 070PC12515010		150				100	25				
SRIM 070PC12520010		200				150					
SRIM 070PC12525010		250				200	50				37.5
SRIM 070PC12530010		300									
SRIM 070PC15015010	150	150	10	100	25	100	15	4	M10×20×1.5	A	
SRIM 070PC15020010		200				150	25				
SRIM 070PC15025010		250				200					



Type	$W \begin{smallmatrix} -0.1 \\ -0.3 \end{smallmatrix}$	$L \begin{smallmatrix} -0.1 \\ -0.3 \end{smallmatrix}$	$T \begin{smallmatrix} +0.01 \\ -0.01 \end{smallmatrix}$	$l_1 \begin{smallmatrix} +0.2 \\ -0.2 \end{smallmatrix}$	l_2	Tapped holes
SRIM 070PD187510	18	75	10	45	15	2
SRIM 070PD1810010		100		50		
SRIM 070PD1812510		125		75	25	
SRIM 070PD1815010		150		100		

Material introduction SRIM 072

The product is typified by its stainless steel backing and the sintering surface of bronze alloy. Alloy layer is distributed uniformly the solid lubricant (The content of lubricant is much than COB071). The surface is spread the solid lubricant coating. The product is keeping the lower coefficient of friction, having the good self-lubricating, friction-resistant and anti-gear, etc. The product is applied in the situation of high load, polluted environment, water and other liquid.

Physical and mechanical properties

Properties		Unit	Bearing Properties
Max. permissible load P	Static load	N/mm^2	200
	Dynamic load	N/mm^2	80
Max. Sliding speed V		m/s	0.25
Max. PV value		$N/mm^2 \cdot m/s$	0.8
Friction Coefficient	Dry friction		0.13 ~ 0.18
	Water lubrication		0.11 ~ 0.16
Temperature range			-150 ~ 280
Coefficient of liner thermal expansion α		$/K$	17.5×10^{-6}
Compression strength σ_c		N/mm^2	320
Density		g/cm^3	6.3
Hardness		HB	40
Counterpart hardness		HB	180
Counterpart roughness		μm	0.2 ~ 0.8

surface shape



Plain

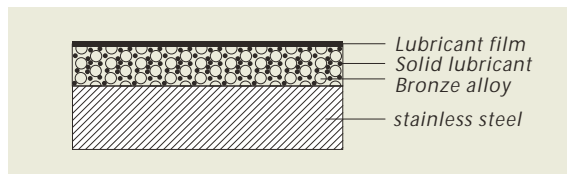


Sliding layer with crosswise cleaning grooves



Sliding layer with oil distribution grooves

Offering product



providing manner

Standard product: Bush Sliding plate Non-standard product: Half bearing Thrust bearing

Standard product is supplied according to the mode in below table, non-standard product is supplied according to the client's request.

Material introduction SRIM 074

The product is typified by its bronze backing and the sintering surface of bronze alloy. Alloy layer is distributed uniformly the solid lubricant (The content of lubricant is same as that of COB072). The surface is spread the solid lubricant coating. The product is keeping the lower coefficient of friction, having the good self-lubricating, friction-resistant and anti-gear, etc. The product is applied in the situation of high load, polluted environment, water or other liquid.

Physical and mechanical properties

Properties		Unit	Bearing Properties
Max. permissible load P	Static load	N/mm ²	200
	Dynamic load	N/mm ²	80
Max. Sliding speed V		m/s	0.25
Max. PV value		N/mm ² · m/s	0.8
Friction Coefficient	Dry friction		0.13 ~ 0.18
	Water lubrication		0.11 ~ 0.16
Temperature range			-150 ~ 280
Coefficient of liner thermal expansion 1		/K	19.5 × 10 ⁻⁶
Compression strength c		N/mm ²	300
Density		g/cm ³	7.1
Hardness		HB	40
Counterpart hardness		HB	180
Counterpart roughness		μm	0.2 ~ 0.8

surface shape



Plain

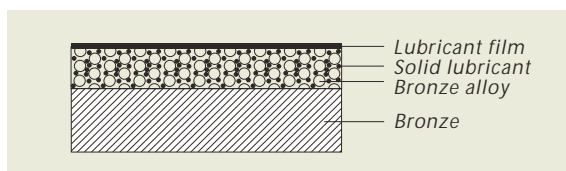


Sliding layer with crosswise cleaning grooves



Sliding layer with oil distribution grooves

Offering product



providing manner

Standard product: Bush Sliding plate Non-standard product: Half bearing Thrust bearing

Standard product is supplied according to the mode in below table, non-standard product is supplied according to the client' request.

Material introduction SRIM 075

The product is typified by its mild steel stainless steel backing and the sintering surface of bronze alloy. Alloy layer is distributed uniformly the solid lubricant (The content of lubricant be same as COB073). The surface is spread the solid lubricant coating. The product is keeping the lower coefficient of friction, supporting the good self-lubricating, friction-resistant and anti-gear, etc. The product is applied in the situation of high load, polluted environment, water or other liquid.

Physical and mechanical properties

Properties		Unit	Bearing Properties
Max. permissible load P	Static load	N/mm^2	200
	Dynamic load	N/mm^2	80
Max. Sliding speed V		m/s	0.5
Max. PV value		$N/mm^2 \cdot m/s$	1.0
Friction Coefficient	Dry friction		0.11~0.16
	Water lubrication		0.10~0.13
Temperature range			-150~200
Coefficient of liner thermal expansion 1		$/K$	13×10^{-6}
Compression strength c		N/mm^2	300
Density		g/cm^3	6.6
Hardness		HB	40
Counterpart hardness		HB	35
Counterpart roughness		μm	0.2-0.8

surface shape



Plain

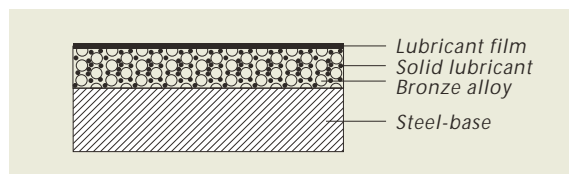


Sliding layer with crosswise cleaning grooves



Sliding layer with oil distribution grooves

Offering product



providing manner

Standard product: Bush Sliding plate Non-standard product: Half bearing Thrust bearing.

Standard product is supplied according to the mode in below table, non-standard product is supplied according to the client' request.

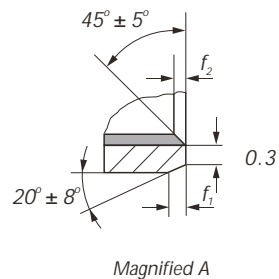
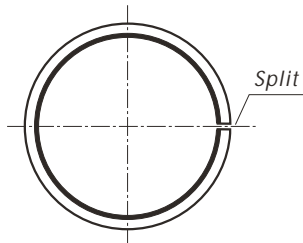
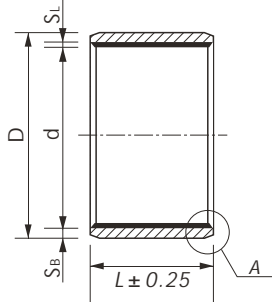
Measurement table for cob07 standard bushes

Basic size	Housing diameter	Shaft diameter	Inner diameter	Outer diameter
6~10	—	-0.040 -0.055	+0.036 0	—
10~18	+0.018 0	-0.050 -0.068	+0.043 0	—
18~24	+0.021 0	-0.065 -0.086	+0.052 0	—
24~30				+0.054 +0.041
30~40	+0.025 0	-0.080 -0.105	+0.062 0	+0.064 +0.048
40~50				+0.070 +0.054
50~65	+0.030 0	-0.100 -0.130	+0.074 0	+0.085 +0.066
65~80				+0.094 +0.075
80~100	+0.035 0	-0.120 -0.155	+0.087 0	+0.113 +0.091
100~120				+0.126 +0.104
120~140	+0.040 0	-0.145 -0.185	+0.100 0	+0.147 +0.122
140~160				+0.159 +0.134
160~180	+0.046 0	-0.170 -0.216	+0.115 0	+0.171 +0.146
180~200				+0.195 +0.166
200~225	+0.052 0	-0.190 -0.242	+0.130 0	+0.209 +0.180
225~250				+0.225 +0.196
250~280	+0.057 0	-0.210 -0.267	+0.140 0	+0.250 +0.218
280~315				+0.272 +0.240
315~355	+0.063 0	-0.230 -0.293	+0.155 0	+0.304 +0.268
355~400				+0.330 +0.294
400~450	+0.070 0	-0.260 -0.330	+0.175 0	+0.370 +0.330
450~500				+0.400 +0.360
500~560	+0.080 0	-0.290 -0.370	+0.200 0	+0.444 +0.400
560~630				+0.494 +0.450
630~710	+0.090 0	-0.320 -0.410	+0.230 0	+0.550 +0.500
710~800				+0.610 +0.560
800~900	+0.105 0	-0.350 -0.455	+0.260 0	+0.676 +0.620
900~1000				+0.736 +0.680
1000~1010				+0.846 +0.780

* The product which the external diameter > 180mm, the tolerance of the external diameter can be confirmed with physical device

The table of bush wall thickness and chamfer angle

Base size	Wall thickness	Alloy layer thickness	Angle	
			f1	f2
6~18	1.0	0.4	0.7	0.5
18~25	1.5	0.5	1.0	0.6
25~42	2.0	0.7	1.5	0.8
42~70	2.5	0.75	1.8	1.0
70~240	3.0	1.0	2.5	1.5
240~1000	5.0	1.5	3.0	2.0



Type	d	D	L
SRIM07 1010	10	12	10
SRIM07 1015			15
SRIM07 1210	12	14	10
SRIM07 1215			15
SRIM07 1410	14	16	10
SRIM07 1415			15
SRIM07 1420			20
SRIM07 1510	15	17	10
SRIM07 1515			15
SRIM07 1520			20
SRIM07 1610	16	18	10
SRIM07 1615			15
SRIM07 1620			20
SRIM07 1810	18	20	10
SRIM07 1815			15
SRIM07 1820			20
SRIM07 1825			25
SRIM07 2010	20	23	10
SRIM07 2015			15
SRIM07 2020			20
SRIM07 2025			25
SRIM07 2030			30
SRIM07 2215	22	25	15
SRIM07 2220			20
SRIM07 2225			25
SRIM07 2230			30
SRIM07 2415	24	27	15
SRIM07 2420			20
SRIM07 2425			25
SRIM07 2430			30
SRIM07 2515	25	28	15
SRIM07 2520			20
SRIM07 2525			25
SRIM07 2530			30
SRIM07 2815			28
SRIM07 2820	20		
SRIM07 2825	25		

Type	d	D	L
SRIM07 2830	28	32	30
SRIM07 2840			40
SRIM07 3015			15
SRIM07 3020	30	34	20
SRIM07 3025			25
SRIM07 3030			30
SRIM07 3040			40
SRIM07 3220			20
SRIM07 3225	32	36	25
SRIM07 3230			30
SRIM07 3240			40
SRIM07 3520			20
SRIM07 3525	35	39	25
SRIM07 3530			30
SRIM07 3540			40
SRIM07 3550			50
SRIM07 3620			20
SRIM07 3625	36	40	25
SRIM07 3630			30
SRIM07 3640			40
SRIM07 3650			50
SRIM07 3820			20
SRIM07 3825	38	42	25
SRIM07 3830			30
SRIM07 3840			40
SRIM07 3850			50
SRIM07 4020			20
SRIM07 4025	40	44	25
SRIM07 403			30
SRIM07 4040			40
SRIM07 4050			50
SRIM07 4060			60
SRIM07 4225			25
SRIM07 4230			30
SRIM07 4240	42	46	40
SRIM07 4250			50
SRIM07 4260			60

Type	d	D	L
SRIM07 4525			25
SRIM07 4530			30
SRIM07 4540	45	50	40
SRIM07 4550			50
SRIM07 4560			60
SRIM07 5025			25
SRIM07 5030			30
SRIM07 5040	50	55	40
SRIM07 5050			50
SRIM07 5060			60
SRIM07 5070			70
SRIM07 5530			30
SRIM07 5540			40
SRIM07 5550	55	60	50
SRIM07 5560			60
SRIM07 5570			70
SRIM07 6030			30
SRIM07 6040			40
SRIM07 6050	60	65	50
SRIM07 6060			60
SRIM07 6070			70
SRIM07 6080			80
SRIM07 6540			40
SRIM07 6550			50
SRIM07 6560	65	70	60
SRIM07 6570			70
SRIM07 6580			80
SRIM07 7040			40
SRIM07 7050			50
SRIM07 7060			60
SRIM07 7070	70	75	70
SRIM07 7080			80
SRIM07 7540			40
SRIM07 7550			50
SRIM07 7560			60
SRIM07 7570	75	81	70
SRIM07 7580			80
SRIM07 75100			100
SRIM07 8040			40
SRIM07 8050		86	50
SRIM07 8060	80		60
SRIM07 8070			70
SRIM07 8080			80
SRIM07 80100			100
SRIM07 8550			50
SRIM07 8560	85	91	60
SRIM07 8570			70

Type	d	D	L
SRIM07 8580			80
SRIM07 85100			100
SRIM07 85120	85	91	120
SRIM07 9050			50
SRIM07 9060			60
SRIM07 9070			70
SRIM07 9080			80
SRIM07 90100			100
SRIM07 90120	90	96	120
SRIM07 9550			60
SRIM07 9560			70
SRIM07 9570			80
SRIM07 9580			90
SRIM07 95100			100
SRIM07 95120	95	101	120
SRIM07 10050			50
SRIM07 10060			60
SRIM07 10070			70
SRIM07 10080			80
SRIM07 100100			100
SRIM07 100120	100	106	120
SRIM07 100140			140
SRIM07 10560			60
SRIM07 10570			70
SRIM07 10580			80
SRIM07 105100			100
SRIM07 105120			120
SRIM07 105140	105	111	140
SRIM07 105150			150
SRIM07 11060			60
SRIM07 11070			70
SRIM07 11080			80
SRIM07 110100			100
SRIM07 110120			120
SRIM07 110140	110	116	140
SRIM07 110150			150
SRIM07 11560			60
SRIM07 11570			70
SRIM07 11580			80
SRIM07 115100			100
SRIM07 115120			120
SRIM07 115140	115	121	140
SRIM07 115150			150
SRIM07 115160			160
SRIM07 12060			60
SRIM07 12070	120	126	70
SRIM07 12080			80

Type	d	D	L
SRIM07 120100			100
SRIM07 120120			120
SRIM07 120140	120	126	140
SRIM07 120150			150
SRIM07 120160			160
SRIM07 12570			70
SRIM07 12580			80
SRIM07 125100			100
SRIM07 125120			120
SRIM07 125140			140
SRIM07 125150	125	130	150
SRIM07 125160			160
SRIM07 125180			180
SRIM07 13070			70
SRIM07 13080			80
SRIM07 130100			100
SRIM07 130120			120
SRIM07 130140			140
SRIM07 130150	130	136	150
SRIM07 130160			160
SRIM07 130180			180
SRIM07 13570			70
SRIM07 13580			80
SRIM07 135100			100
SRIM07 135120			120
SRIM07 135140			140
SRIM07 135150	135	141	150
SRIM07 135160			160
SRIM07 135180			180
SRIM07 14070			70
SRIM07 14080			80
SRIM07 140100			100
SRIM07 140120			120
SRIM07 140140			140
SRIM07 140150			150
SRIM07 140160	140	146	160
SRIM07 140180			180
SRIM07 140200			200
SRIM07 14580			80
SRIM07 145100			100
SRIM07 145120			120
SRIM07 145140	145	151	140
SRIM07 145150			150
SRIM07 145160			160
SRIM07 145180			180
SRIM07 145200			200
SRIM07 15080	150	156	80

Type	d	D	L
SRIM07 150100			100
SRIM07 150120			120
SRIM07 150140	150	156	140
SRIM07 150150			150
SRIM07 150160			160
SRIM07 150180			180
SRIM07 150200			200
SRIM07 16080			80
SRIM07 160100			100
SRIM07 160120			120
SRIM07 160140	160	166	140
SRIM07 160150			150
SRIM07 160160			160
SRIM07 160180			180
SRIM07 160200			200
SRIM07 180100			100
SRIM07 180120			120
SRIM07 180140			140
SRIM07 180150	180	186	150
SRIM07 180160			160
SRIM07 180180			180
SRIM07 180200			200
SRIM07 200100			100
SRIM07 200120			120
SRIM07 200140			140
SRIM07 200150	200	206	150
SRIM07 200160			160
SRIM07 200180			180
SRIM07 200200			200
SRIM07 220100			100
SRIM07 220120			120
SRIM07 220140		226	140
SRIM07 220150			150
SRIM07 220160	220		160
SRIM07 220180			180
SRIM07 220200			200
SRIM07 240120			120
SRIM07 240140			140
SRIM07 240150	240	246	150
SRIM07 240160			160
SRIM07 240180			180
SRIM07 240200			200
SRIM07 260120			120
SRIM07 260140			140
SRIM07 260150	260	270	150
SRIM07 260160			160
SRIM07 260180			180

Type	<i>d</i>	<i>D</i>	<i>L</i>
SRIM07 260200	260	270	200
SRIM07 280140			140
SRIM07 280150			150
SRIM07 280160	280	290	160
SRIM07 280180			180
SRIM07 280200			200
SRIM07 300150			150
SRIM07 00160	300	310	160
SRIM07 300180			180
SRIM07 300200			200
SRIM07 320160			160
SRIM07 320180	320	330	180
SRIM07 320200			200
SRIM07 340180	340	350	180
SRIM07 340200			200
SRIM07 350180	350	360	180
SRIM07 350200			200
SRIM07 360180	360	370	180
SRIM07 360200			200
SRIM07 380200	380	390	200
SRIM07 400200	400	410	200
SRIM07 420200	420	430	200
SRIM07 440200	440	450	200
SRIM07 460200	460	470	200
SRIM07 480200	480	490	200
SRIM07 500200	500	510	200

Type	<i>d</i>	<i>D</i>	<i>L</i>
SRIM07 520200	520	530	200
SRIM07 540200	540	550	200
SRIM07 560200	560	570	200
SRIM07 580200	580	590	200
SRIM07 600200	600	610	200
SRIM07 620200	620	630	200
SRIM07 640200	640	650	200
SRIM07 660200	660	670	200
SRIM07 680200	680	690	200
SRIM07 700200	700	710	200
SRIM07 720200	720	730	200
SRIM07 740200	740	750	200
SRIM07 760200	760	770	200
SRIM07 780200	780	790	200
SRIM07 800200	800	810	200
SRIM07 820200	820	830	200
SRIM07 840200	840	850	200
SRIM07 860200	860	870	200
SRIM07 880200	880	890	200
SRIM07 900200	900	910	200
SRIM07 920200	920	930	200
SRIM07 940200	940	950	200
SRIM07 960200	960	970	200
SRIM07 980200	980	990	200
SRIM07 1000200	1000	1010	200

Material introduction SRIM 077

The product is typified by its mild steel backing and the sintering surface of Cu-Fe alloy. The product is keeping the lower coefficient of friction, having a good self-lubricating, friction-resistant and anti-gear, etc. The product is applied in the situation of high load, high temperature or none of oil.

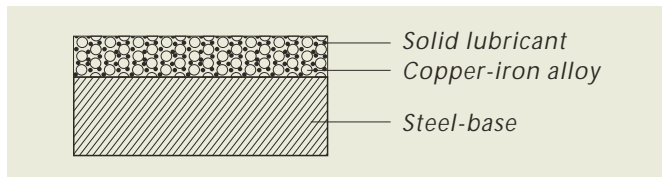
Physical and mechanical properties

Properties	Unit	Bearing Properties
Max. liner Max. permissible load P	N/mm^2	50
Max. Sliding speed V	m/s	0.1
Max. PV value	$N/mm^2 \cdot m/s$	1.05
Max. temperature		250
Friction coefficient μ		0.1~0.2
Density	g/cm^3	6.4
Coefficient of liner thermal expansion α	$/K$	18×10^{-6}
Compression strength σ_c	N/mm^2	343
Hardness HB		50
Counterpart hardness HRC		35
Counterpart roughness	μm	0.2~0.8

Offering product

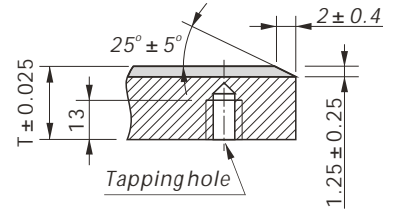
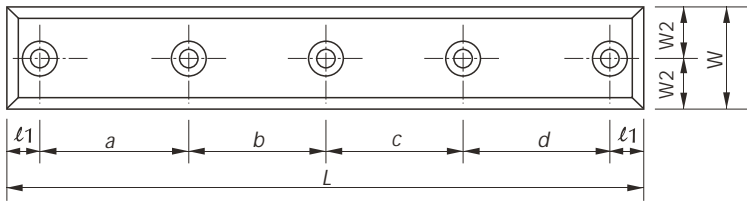


Providing manner

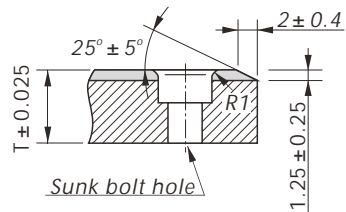
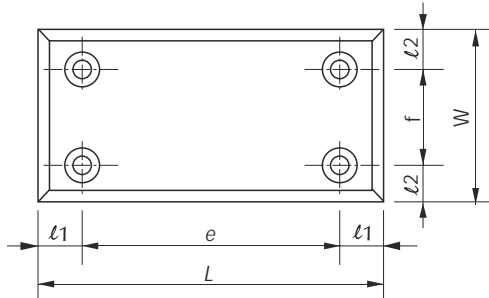


Sliding block

Standard product is supplied according to the type in below table, non-standard product is supplied according to the client's requests.



Type	W	L	$T^{+0.025}_{-0.025}$	a	b	c	d	l_1	M	h	Tapped holes
SRIM 077PA 35 100X	35	100		60	—	—	—	20	M8	6	2
SRIM 077PA 35 150X		150		55	55	—	—				3
SRIM 077PA 35 200X		200		55	50	55	—				4
SRIM 077PA 35 250X		250		70	70	70	—				4
SRIM 077PA 35 300X		300		65	65	65	65				5
SRIM 077PA 35 350X		350		80	75	75	80				
SRIM 077PA 48 75X	48	75	20	45	—	—	—	15			
SRIM 077PA 48 100X		100		50	—	—	—	25			
SRIM 077PA 48 125X		125		75	—	—	—	25			
SRIM 077PA 48 150X		150		100	—	—	—	25			
SRIM 077PA 50 75X	50	75		45	—	—	—	15			
SRIM 077PA 50 100X		100		50	—	—	—	25			
SRIM 077PA 50 125X		125		75	—	—	—	25			
SRIM 077PA 50 150X		150		100	—	—	—	25			
SRIM 077PA 50 200X		200		150	—	—	—	25			
SRIM 077PA 75 75X	75	75		45	—	—	—	15			
SRIM 077PA 75 100X		100		50	—	—	—	25			
SRIM 077PA 75 125X		125		75	—	—	—	25			
SRIM 077PA 75 150X		150		100	—	—	—	25			
SRIM 077PA 75 200X		200		150	—	—	—	25			



Type	W	L	$T^{+0.025}_{-0.025}$	e	f	l1	l2	Tapped holes
SRIM077PB 100 100S		100		50				
SRIM 077PB 100 125S		125		75				
SRIM 077PB 100 150S	100	150		100			25	
SRIM 077PB 100 200S		200		150	50			
SRIM 077PB 100 250S		250	20	200		25		
SRIM 077PB 125 150S		150			100			4
SRIM 077PB 125 200S	125	200		150			37.5	
SRIM 077PB 125 250S		250		200				
SRIM 077PB 150 150S		150		100				
SRIM 077PB 150 200S	150	200		150	100		25	
SRIM 077PB 150 250S		250		200				