

Gibs - Overview

L-Gibs	Material	Type			
		Dimension Selectable		Dimension Configurable	
Standard	EN 1.1191 Equiv.	GRR	P.656	GRRF	P.657
	EN 1.1191 Equiv. Hardened Electroless Nickel Plating (HV500~)	GRRM	P.656	GRRMF	P.657
	EN CC762S Equiv. Special Solid Lubricant Embedded	GRMZ	P.656	GRMZP	P.657
	Ultra High-Molecular-Weight Polyethylene	GRRP	P.656	-	-
With Dowel Holes	EN 1.1191 Equiv.	GRRN	P.656	-	-
	EN 1.1191 Equiv. Hardened Electroless Nickel Plating (HV500~)	GRRMN	P.656	-	-
With Oil Groove	EN 1.1191 Equiv. Hardened Electroless Nickel Plating (HV500~)	GRRMG	P.656	-	-

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		Dimension Selectable	Dimension Configurable
	EN CC762S Equiv. Special Solid Lubricant Embedded	SGRMZ	P.658

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		Dimension Selectable	Dimension Configurable
	EN 1.1191 Equiv. Hardened Electroless Nickel Plating (HV500~)	SGRA SGRB SGCB	P.664


Slide Blocks	Material	Type			
		Dimension Selectable		Dimension Configurable	
	EN 1.1191 Equiv.	-	-	SLI	P.659
	EN 1.1191 Equiv. Hardened Electroless Nickel Plating (HV500~)	-	-	SLD	P.659

Oil Free Slide Plates	Material	Thickness (Hole Shape)	Type				
			Dimension Selectable		Dimension Configurable		
			Upper-Lower Surface Ground	Upper-Lower Surface Unground	Upper-Lower Surface Unground	Upper-Lower Surface Unground	
	EN CC762S Equiv. Special Solid Lubricant Embedded	3mm (Countersunk)	STRLT	P.660	-	-	
		5mm (Countersunk)	STRLU	P.660	UTW	P.662	
		5mm (Counterbored)	STRLUP	P.660	-	-	
		10mm (Counterbored)	STRL	P.660	STW STWT	P.662	
	Multi-Layer Plastic	1mm	-	-	-	GRPZ	P.661
		2.5mm	-	-	-	GRFZ	


L-Gibs

Steel / Steel with Oil Groove / Oil Free Copper Alloy / Plastic


Steel Type



Steel Oil Groove



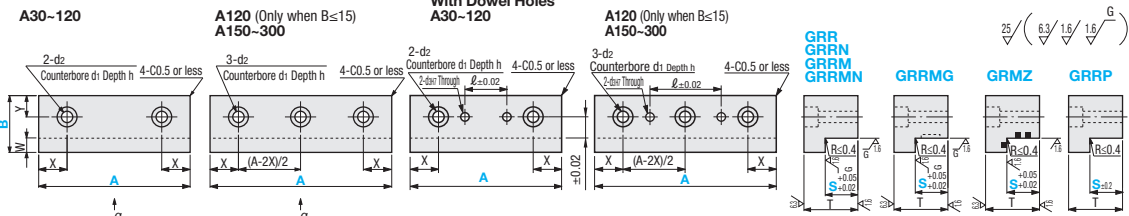
Lubrication-Free Copper Alloy Plastic Type



Type	Material	Surface Treatment	Hardness
Steel	GRR GRRN (With Dowel Holes)	-	-
	GRRM GRRMN (With Dowel Holes)	Hardened Electroless Nickel Plating (Plating after Grinding)	HV500~
Steel With Oil Groove	GRRMG	Hardened Electroless Nickel Plating (Plating after Grinding)	HV500~
Lubrication-Free Copper Alloy	GRMZ	High-strength Brass Alloy Solid Lubricant Embedded	-
Plastic	GRRP	Ultra High-Molecular-Weight Polyethylene	-

A30-120 **A120 (Only when B≤15)** **With Dowel Holes** **A120 (Only when B≤15)**

A150-300 **A150-300**



Oil Groove Dimension

S	e	N	f	R
S=5	1.5	1.5	0.3	1.0
S=8	2.0	2.0	0.5	1.25

Oil Groove Pitch

S	5	8	10	12	15	20
P	4	8	12	16	22	32

⚠ Hardened electroless nickel plated products may look slightly different in color from the image but the quality is the same.

Part Number	Type	B	A	S	W	T	X	Y	d1	d2	h	ds	ℓ	Unit Price					
														GRR	GRRN	GRRM	GRRMN	GRRMG	GRMZ
(Steel Type) GRR GRRN (With Dowel Holes)	12.5	5	30	3.5	10	5	4.5	8	4.5	4.5	3	8	-	-	-	-	-	-	
			40										-	-	-	-	-	-	-
			60										-	-	-	-	-	-	-
			80										-	-	-	-	-	-	-
			100										-	-	-	-	-	-	-
			120										-	-	-	-	-	-	-
(Steel Type) GRRM GRRMN (With Dowel Holes)	15	5	40	5	10	5	5	8	4.5	4.5	4	12	-	-	-	-	-	-	
			60										-	-	-	-	-	-	-
			80										-	-	-	-	-	-	-
			100										-	-	-	-	-	-	-
			120										-	-	-	-	-	-	-
			150										-	-	-	-	-	-	-
(Steel - Oil Groove) GRRMG	20	8/10	40	5	15	7	7	9.5	5.5	5.5	5	14	-	-	-	-	-	-	
			60										-	-	-	-	-	-	-
			80										-	-	-	-	-	-	-
			100										-	-	-	-	-	-	-
			120										-	-	-	-	-	-	-
			150										-	-	-	-	-	-	-
(Lubrication-Free Copper Alloy) GRMZ	25	10/12/15	60	5	20	10	10	11	6.5	6.5	6	18	-	-	-	-	-	-	
			80										-	-	-	-	-	-	-
			100										-	-	-	-	-	-	-
			120										-	-	-	-	-	-	-
			150										-	-	-	-	-	-	-
			200										-	-	-	-	-	-	-
(Plastic Type) GRRP	30	12/15/20	80	8	25	10	10	14	9	9	8	24	-	-	-	-	-	-	
			100										-	-	-	-	-	-	-
			120										-	-	-	-	-	-	-
			150										-	-	-	-	-	-	-
			200										-	-	-	-	-	-	-
			300										-	-	-	-	-	-	-

⚠ * 3 screw mounting holes for 12.5-120-5 and 15-120-5. ⚠ B dimension 12.5 is for GRR, GRRM, GRRN and GRRMN only.

Ordering Example Part Number - A - S
 GRR20 - 100 - 10
 GRRMG30 - 150 - 20

Alterations Part Number - A - S - (SC)
 GRR20 - 100 - 8 - SC
 ⚠ Alterations are available for Steel Type only.

Alteration	Dimension S
Code	SC
Spec.	SC=1mm Increment Ordering Code SC6 ⚠ 1≤SC≤T-2

⚠ For characteristic values of Ultra High-Molecular-Weight Polyethylene, please refer to section "Standard Ultra High-Molecular-Weight Polyethylene" on P. 951.