

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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	EN CC762S Equiv. Special Solid Lubricant Embedded	SGRMZ	P.658

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

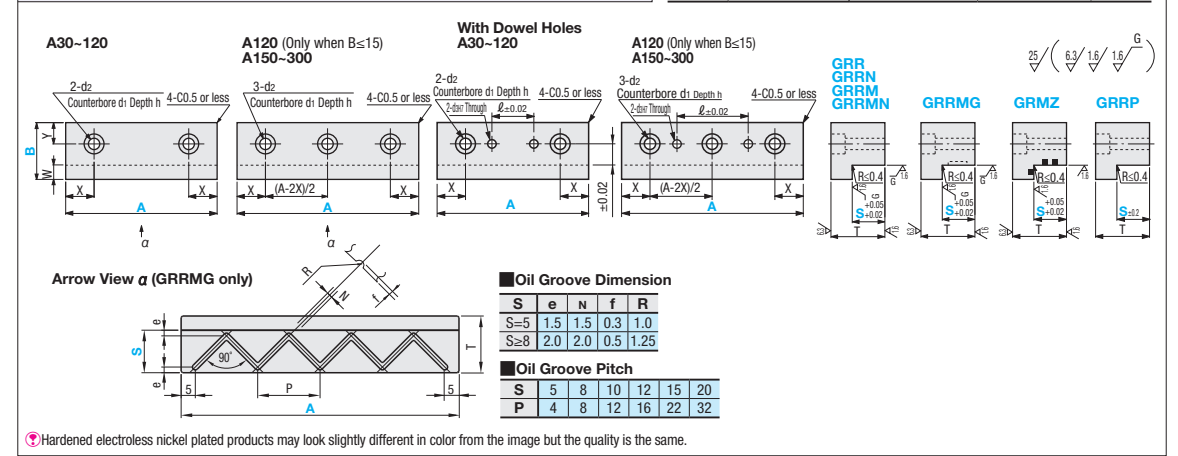
Slide Blocks	Material	Type			
		Dimension Selectable		Dimension Configurable	
	EN 1.1191 Equiv.	-	-	SLI	P.659
	EN 1.1191 Equiv. Hardened Electroless Nickel Plating (HV500~)	-	-	SLD	P.659

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

Type	Material	Surface Treatment	Hardness
Steel	GRR GRRN (With Dowel Holes)	-	-
	GRRM GRRMN (With Dowel Holes)	EN 1.1191 Equiv. Hardened Electroless Nickel Plating (Plating after Grinding)	HV500~
Steel With Oil Groove	GRRMG	High-strength Brass Alloy Solid Lubricant Embedded	HV500~
Lubrication-Free Copper Alloy	GRMZ	-	-
Plastic	GRRP	Ultra High-Molecular-Weight Polyethylene	-



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

* 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 Code	Dimension S
SC	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.