

# Gibs - Overview

L-Gibs	Material	Type			
		Dimension Selectable		Dimension Configurable	
Standard	S45C	GRR	P.656	GRRF	P.657
	S45C Hardened Electroless Nickel Plating (HV500~)	GRRM	P.656	GRRMF	P.657
	CAC304 Special Solid Lubricant Embedded	GRMZ	P.656	GRMZP	P.657
	Ultra High-Molecular-Weight Polyethylene	GRRP	P.656	-	-
With Dowel Holes	S45C	GRRN	P.656	-	-
	S45C Hardened Electroless Nickel Plating (HV500~)	GRRMN	P.656	-	-
With Oil Groove	S45C Hardened Electroless Nickel Plating (HV500~)	GRRMG	P.656	-	-

Gibs	Material	Type	
		Dimension Selectable	Dimension Configurable
	CAC304 Special Solid Lubricant Embedded	SGRMZ	P.658

Gibs	Material	Type	
		Dimension Selectable	Dimension Configurable
	S45C Hardened Electroless Nickel Plating (HV500~)	SGRA SGRB SGCB	P.664

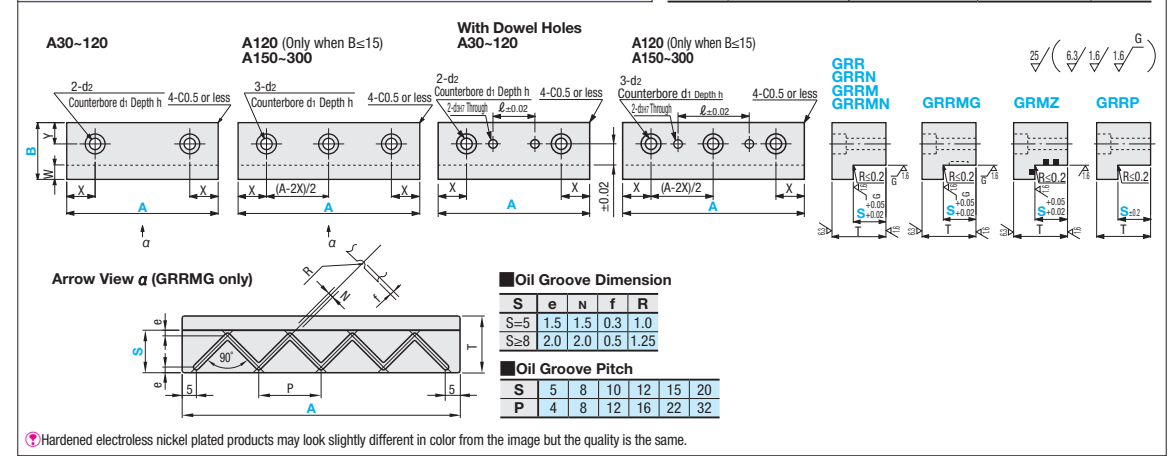
Slide Blocks	Material	Type	
		Dimension Selectable	Dimension Configurable
	S45C	-	SLI P.659
	S45C Hardened Electroless Nickel Plating (HV500~)	-	SLD P.659

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	
	CAC304 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 2.5mm	-	-	GRFZ	P.661

# L-Gibs

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

Type	Material	Surface Treatment	Hardness	
				Type
Steel	S45C Equivalent	Hardened Electroless Nickel Plating (Plating after Grinding)	HV500~	GRR GRRN (With Dowel Holes)
				GRRM GRRMN (With Dowel Holes)
Steel With Oil Groove	S45C	Hardened Electroless Nickel Plating (Plating after Grinding)	HV500~	GRRMG
Lubrication-Free Copper Alloy	High-strength Brass Alloy Solid Lubricant Embedded	-	-	GRMZ
Plastic	Ultra High-Molecular-Weight Polyethylene	-	-	GRRP



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
(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	140	-	-	-	-		
		120										-	-	-	-			
		150										-	-	-	-			
		200										-	-	-	-			
		250										-	-	-	-			
		300										-	-	-	-			
(Plastic Type) GRRP	30	80	12 15 20	8	25	10	10	14	9	9	8	190	-	-	-	-		
		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 Code	Dimension S
SC	SC=1mm Increment
Spec.	Ordering Code SC6 SC 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.