

Gibs

Overview

L-Gibs	Material	Type			
		Dimension Selectable		Dimension Configurable	
	1045 Carbon Steel or Equivalent	GRR	P.729	GRRF	P.730
	1045 Carbon Steel or Equivalent Hardened Electroless Nickel Plating (HV 500~)	GRRM	P.729	GRRMF	P.730
	CAC304 Special Solid Lubricant Embedded	GRMZ	P.729	GRMZF	P.625
	Ultra High Molecular Weight Polyethylene	GRRP	P.729	—	—
	1045 Carbon Steel or Equivalent	GRRN	P.729	—	—
	1045 Carbon Steel or Equivalent Hardened Electroless Nickel Plating (HV 500~)	GRRMN	P.729	—	—

Gibs	Material	Type	
		Dimension Selectable	Dimension Configurable
	CAC304 Special Solid Lubricant Embedded	SGRMZ	P.731

Gibs	Material	Type	
		Dimension Selectable	Dimension Configurable
	1045 Carbon Steel or Equivalent Hardened Electroless Nickel Plating (HV 500~)	SGRA SGRB SGCB	P.737

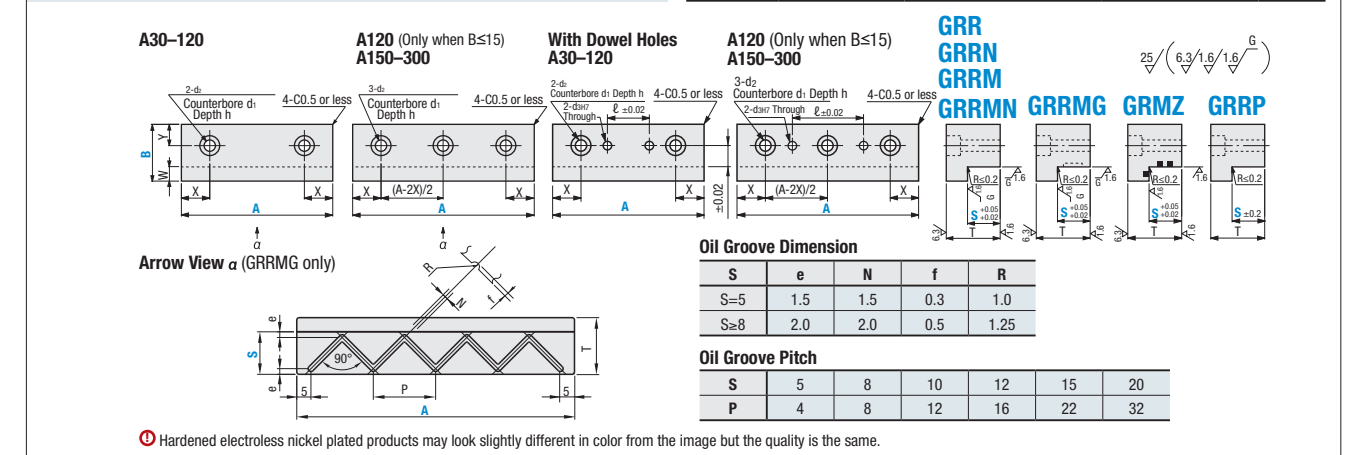
Gibs	Material	Type	
		Dimension Selectable	Dimension Configurable
	1045 Carbon Steel or Equivalent	—	SLI P.732
	1045 Carbon Steel or Equivalent Hardened Electroless Nickel Plating (HV 500~)	—	SLD P.732

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	
	CAC304 Special Solid Lubricant	3 mm (Countersink)	STRLT	P.733	—	—	
		5 mm (Countersink)	STRLU	P.733	UTW	P.735	
		5 mm (Counterbored Hole)	STRLUP	P.733	—	GRPZ	P.734
		10 mm (Counterbored Hole)	STRL	P.733	STW STWT	P.735	
	Multi-Layer Plastic	1 mm 2.5 mm	—	—	GRFZ	P.736	

L-Gibs

Steel / Steel Oil Groove / Oil-Free Copper Alloy / Resin

Type	Material	Surface Treatment	Hardness
Steel	1045 Carbon Steel Equivalent	—	—
Steel With Oil Groove	1045 Carbon Steel Equivalent	Hardened Electroless Nickel Plating (Plating after Grinding)	HV 500~
Oil-Free	C86300 Bronze (JIS, HBS-C4 Copper Alloy previously) Special Solid Lubricant Embedded	—	—
Plastic	Ultra High-Molecular-Weight Polyethylene	—	—



Part Number	Type	B	A	S	W	T	X	Y	d ₁	d ₂	h	d ₃	l	Available Types																	
														GRR	GRRN	GRRM	GRRMN	GRRMG	GRMZ	GRRP											
Steel 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*										•	•	•	•	•	•	•												
			140										•	•	•	•	•	•	•												
			160										•	•	•	•	•	•	•												
			180										•	•	•	•	•	•	•												
			200										•	•	•	•	•	•	•												
Steel With Oil Groove GRRMG	20	8 10	100	5	15	7	7	9.5	5.5	5.5	5	80	•	•	•	•	•	•													
			120										•	•	•	•	•	•	•												
			150										•	•	•	•	•	•	•												
			200										•	•	•	•	•	•	•												
			300										•	•	•	•	•	•	•												
			Oil-Free GRMZ										25	10 12 15	100	5	20	10	10	11	6.5	6.5	6	80	•	•	•	•	•	•	
															120										•	•	•	•	•	•	•
															150										•	•	•	•	•	•	•
															200										•	•	•	•	•	•	•
															250										•	•	•	•	•	•	•
Plastic GRRP	30	12 15 20		80	8	25	10	10	14	9	9	8			80										•	•	•	•	•	•	
				100																					•	•	•	•	•	•	•
				120																					•	•	•	•	•	•	•
				150																					•	•	•	•	•	•	•
				200																					•	•	•	•	•	•	•
			300	•									•	•		•	•	•	•												

*3 mounting screw holes for 12.5-120-5 and 15-120-5.

Part Number Example	Part Number	A	S
GRR20	- 100 - 10		
GRRMG30	- 150 - 20		
GRRM20	- 100 - 10		
GRRP20	- 100 - 10		

Part Number Alterations	Part Number	A	S	SC
GRR20	- 100 - 8 - SC5			

Alteration	Dimension S
Code	SC
Spec.	<p>SC = 1 mm Increment Ordering Code: SC6 1 ≤ SC ≤ T-2</p>

For characteristic values of Ultra High-Molecular-Weight Polyethylene, please refer to section "Standard Ultra High-Molecular-Weight Polyethylene" on P.3068.