

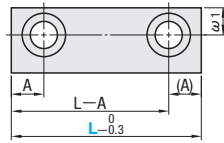
SINGLE-HEEL GUIDE RAILS

—NITRIDING TYPE—

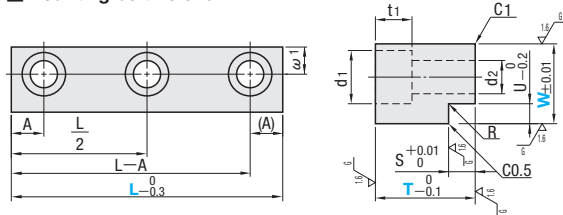
ⓘ Non JIS material definition is listed on P.1351 - 1352

RoHS

■ Mounting bolt hole: 2



■ Mounting bolt hole: 3



ⓘ All corners $C \leq 1$ unless specified.

Part Number		M	Base metal	Surface	S (Heel height)	U	R
No Oil groove	Oil groove	HPM2T equivalent	37~41HRC	HV600~	5	3.5	$R \leq 0.8$
GR5MT	GR5MMT				8	8	
GR8MT	GR8MMT						

W	T	d ₁	d ₂	t ₁	ω 1
20	20	11	6.5	7	9
	25・30	14	9	9	



Part Number		T	L						No. of bolt holes	A
Type	W	Selection								
No Oil groove	GR5MT GR8MT	20	60	70	80	90		2	10	
Oil groove	GR5MMT GR8MMT	25 30					100 110 120 130 140 150	3		



Order

Part Number — T — L
GR5MMT20 — 20 — 90

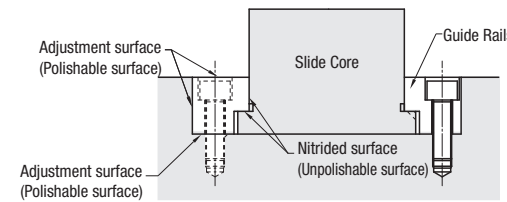


Days to Ship

Quotation

■ Characteristics

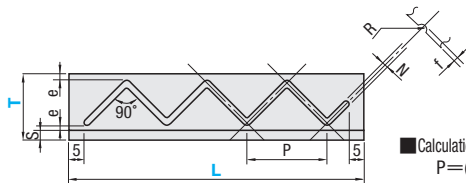
- Since hardness of nitrided layer is high and coefficient of friction is extremely low as 0.05~0.12, abrasion resistance, corrosion resistance and burning resistance are improved.
- Since nitrided layer is about 5μ , process surface other than sliding surface for alteration or adjustment.



Though there is nitrided layer all over, avoid processing (polishing) any part used as sliding surface during use.

※ Not to eliminate nitrided layer, process (polish) surface other than the sliding surface as shown in the left figure.

■ Details of Oil Groove (GR5MMT, GR8MMT)



■ Calculation method for oil groove pitch
 $P = (T - S - 2e - N) \times 2$

■ Oil Groove Detail Dimensions

T-S	e	N	f	R
$T - S \leq 7.5$	1.5	1.5	0.3	1.0
$T - S \geq 10$	2.0	2.0	0.5	1.25

ⓘ Please note that if $L \leq P + 10$, there is the possibility that 1 cycle (1 pitch) of oil groove can not be cut.

■ Oil Groove Pitch

T-S	P
12	12
15	18
17	22
20	28
22	32
25	38



Price

Quotation