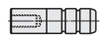
PRECISION LEADER PINS

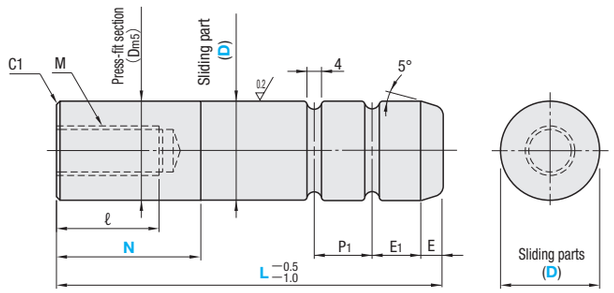
— STRAIGHT • OIL GROOVE PRESS-FIT LENGTH DESIGNATION TYPE —

Oil groove		Plain
	Suitable	
Straight leader pin		Leader Bushing

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

RoHS

GPOL (Press-fit length designation type)



Sliding parts D		Press-fit section Dm5		M×Pitch	ℓ	E
35	−0.030 −0.035	35	+0.020 +0.009	M16×2.0	32	8
40	−0.030 −0.040	40				
50		50				
60	−0.030 −0.050	60	+0.024 +0.011	M20×2.5	40	

M SUJ2
H 58HRC～ (Induction hardening)

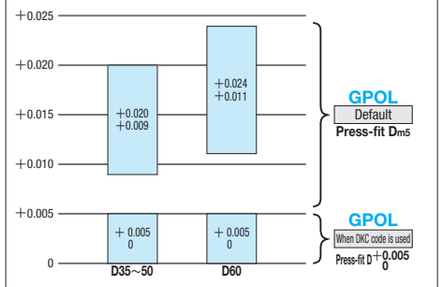
Recommended mold temperature for the usage of a precision leader pin and bushing is 80°C or less because of a little clearance between them. (P.878)

Order Part Number — L — N
GPOL40 — 150 — N60

Days to Ship Quotation

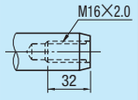
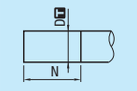
Price Quotation

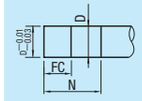
■Chart of press-fit tolerance GPOL



Alterations Part Number — L — N — (MC・DKC・・・etc.)
GPOL50 — 150 — N70 — DKC

Alteration details P.879

Alterations	Code	Spec.	1Code
	MC	Tip tapping	Quotation
	DKC	Changes press-fit section tolerance. Dm5 ⋯→ D +0.005 0	

Alterations	Code	Spec.	1Code
	FC	Introduction recess processing Adds an introduction recess processing on the press-fit section. FC=1mm increments 3≦FC≦N−10 Recess processing section D −0.01 −0.03	Quotation
	GA	Adds a tap to attach a leader assist pin. Available for D40・50・60 Alteration detail P.879	

E1	P1	Number of groove	Part Number Type	Part Number D	L Selection	N 1mm increments	U/Price 1～9
14	12	2	GPOL	35	100	0～ 60	
15	13				110 120 130		
					140	0～ 80	
					150 160		
16	14				170 180 190		
					200		
26	24			40	130 140	0～ 60	
28	26				150 160 170 180 190	0～ 80	
30	28				200 210 220		
28	26			50	150	0～ 80	
30	28				160 170		
					180 190	0～100	
32	30				200 210 220 230 240		
34	32				250 260		
30	28			60	200 210 220 230 240	0～120	
32	30				250 260 270 280		

Quotation

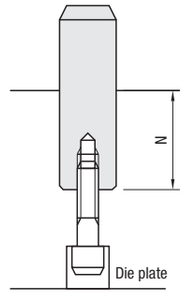
In the case where a press-fit part is not necessary, specify N=0.

・When you wish to freely specify the overall length (L dimension) and diameter of the press-fit part, order using GPSL and GPS-XL. (P.895)

Example

■Method of installing the straight leader pin

●When the die plate is very thick, the straight type can be set as shown in the drawing, enabling machining to be performed easily. Specify the N dimension to match the thrust.



Leader Components