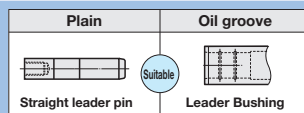
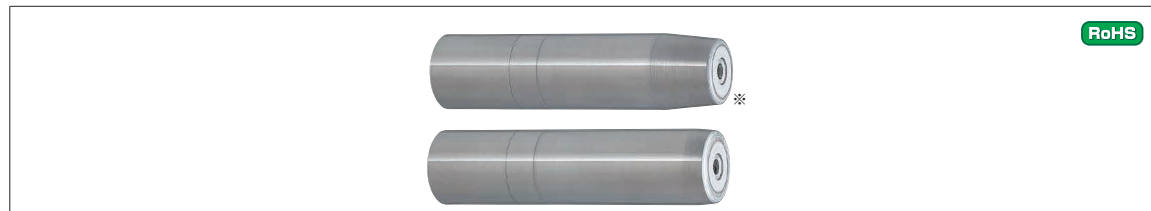


LEADER PINS WITH DIAMETER OF RECESS

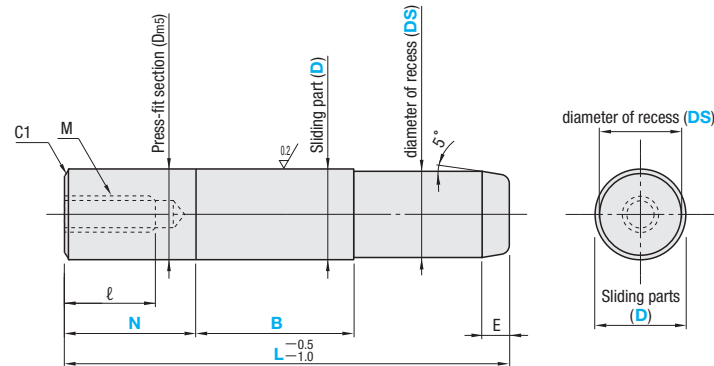
— STRAIGHT · PLAIN PRESS-FIT LENGTH DESIGNATION TYPE —



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



GPSOT (Press-fit length diameter of recess designation type)



Sliding parts D	Press-fit section Dm5	M×Pitch	ℓ	E
16	16	M 6×1.0	12	5
20	20	M 8×1.25	16	
25	25	M12×1.75	24	5
30	30			

※When combination with GC

M SUJ2
H 58HRC~
(Induction hardening)

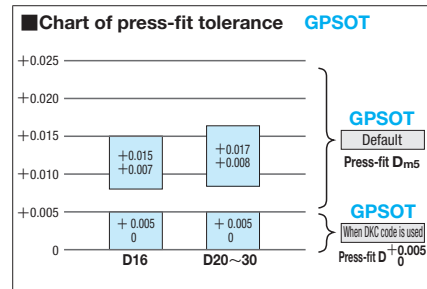
- By specifying the diameter of the recess, it is possible to set the clearance at the guide part to a slightly larger value than the conventional value.
- A center hole may be left on one or both ends.
- It is possible to eliminate the B dimension (sliding part) by performing alteration BN.
- By using the tip tapering (additional machining GC) as well, the effectiveness in preventing scuffing when the guide starts is improved (see photo. above).

Order Part Number — L — N — B — DS
GPSOT30 — 200 — N100 — B10 — DS29.80

Days to Ship **Quotation**

Price **Quotation**

Alterations Part Number — L(LC) — N — B(BN) — DS — (MC · OC · etc.)
GPSOT25 — LC 168 — N24 — BN — DS24.93 — GC — E20 — K10
⊗ Combination of GC with OC not available.



Alteration details P.879

Alterations	Code	Spec.	1Code
	LC	Total length alteration LC=1mm increments Shortens the full length (L) as shown in the drawing. (Tip dimension E remains unchanged.) ⓘ Lmin.<LC<Lmax.	
	MC	Tip tapping D M×Pitch ℓ 16 M10×1.5 20 20 M12×1.75 24 25 M16×2.0 32	Quotation
	BN	Machining to eliminate sliding part The sliding part is eliminated, so the only specifications are the diameters of the press-fit part and the recess. ⓘ BN is indicated as the B dimension.	
	OC	Adds oil grooves. N+B≤L—(※) Alteration details P.879	

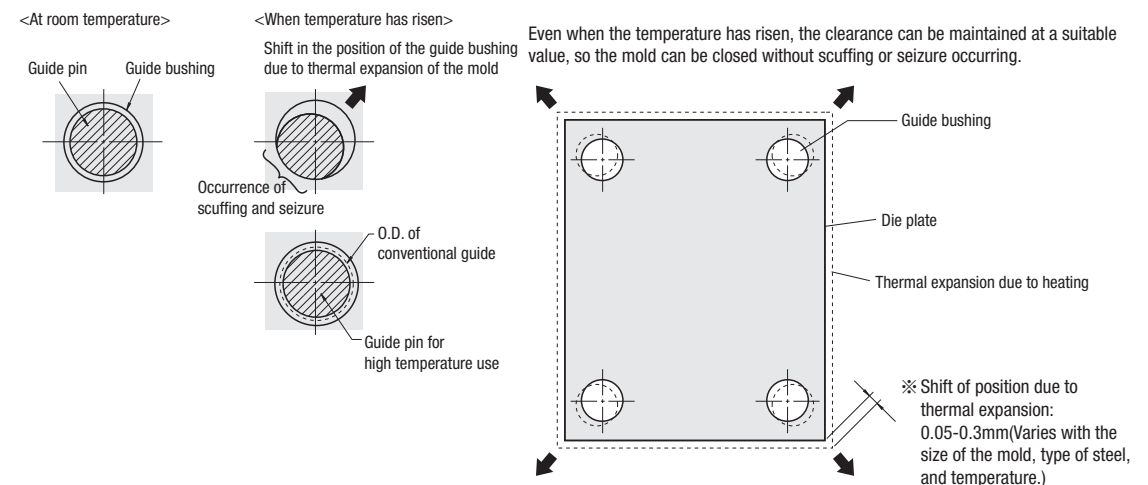
Alterations	Code	Spec.	1Code
	GC	Tapers the tip. [Designation method] GC—E20—K10 E=1mm increments K=1° increments 1°≤K≤10° ⓘ E>20 is available only when L≥50. D E 16 5≤E≤25 20 5≤E≤30 25 5≤E≤35 30 5≤E≤40	Quotation
	DKC	Changes press-fit section tolerance. Dm5 → D+0.005 0	

Part Number Type	D	L 5mm increments	N 1mm increments	B 1mm increments	Diameter of recess DS		U/Price 1~9
					0.01mm increments	Tolerance	
GPSOT	16	40~50	0~100	5~50	15.80~16.00	0 -0.01	Quotation
		55~80					
		85~120					
		125~160					
	20	40~60	0~100	5~80	19.80~20.00		
		65~110					
		115~160					
	25	165~220	0~100	5~130	24.80~25.00		
		50~60					
		65~110					
		115~160					
	30	165~200	0~100	5~130	29.80~30.00		
70~110							
115~160							
165~200							
		205~260					

- L≥N+B+E
- When B=0, specify BN.
- In the case where a press-fit part is not necessary, specify N=0.

Features

- Prevents scuffing and seizure of the guide due to fluctuation of the guide pin position and the guide bushing hole position caused by thermal expansion of the mold, and realizes appropriate opening and closing of the mold during injection molding. It is possible to use as leader pin for rubber mold.



- Physical properties of metal material P.1335
- The appropriate clearance setting differs according to the size of the mold, the type of steel, the mold temperature, the guide pin diameter, etc., so select it according to the application concerned.