

Components for Positioning

Installation bolt size	M	ℓ	V	ℓ ₂	R ₁	R ₂	H	F	L	S (Effective holding amount)	Part Number		
											Type	D	E
M4	4	10	5	1.0	0.5	0.8	2.5	5	14.5	4.5	TPNF	10	7
							8.5		19.5				13
			2.5				11	14.5	10.5	7			
			5.5					24.5		13			
M5	5	10	7	1.0	0.5	0.8	2.5	5	14.5	4.5	16	7	
							5.5	11	24.5	10.5		13	
							6	12	13	2.0		1.0	1.5
M6	6	12	13	2.0	1.0	1.5	2.5	9	19.5	8.5	20	11	
							6.5	14	29	12.0		16	
			2.5				11	19.5	10.5	11			
			5.5					24.5		20			
M8	8	16	16	1.0	0.5	0.8	2.5	9	19.5	8.5	25	11	
							5.5	11	24.5	10.5		13	
							7.5		18			34	16.0
M10	10	20	20	2.0	1.0	1.5	2.5	18	34	16.0	30	25	
							2.5	23	39	21.0		25	



Order Example

TYPE	D	E
TPNF16	-	7

Characteristics

Suitable for positioning in precision molds such as connector and electronic device.

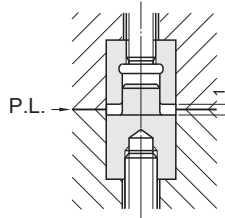
It is capable of preventing wear and damage in core pins, since it can be positioned before core pins are inlayed.

When using

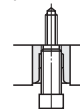
Contacting the pin and bushing when mold is closed may cause damage. Please leave a clearance of about 1mm on PL.

Use precision leader pins since clearance is fairly small.

How to Mount



About N dimension (Dismounting tap hole)



As shown in the figure, the bushing can be easily removed by screwing a bolt into its tap (M) and extracting it.