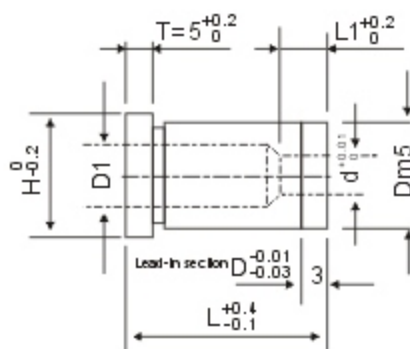




TYPE: JS31

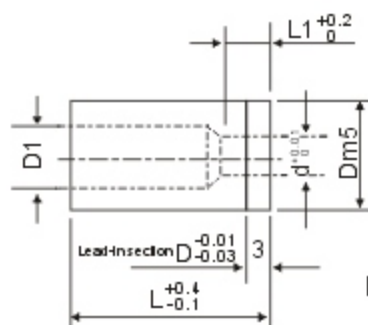


SHAPE: A

$$D1 = d + 0.3 \sim 0.5 \text{ mm}$$



TYPE: JS32



SHAPE: B

$$D1 = d + 0.3 \sim 0.5 \text{ mm}$$

### Type: JS31 & JS32

Material: JS31 - SKH51 - HSS - High Speed Steel

JS32 - SKD11 - D2 - Alloy Tool Steel

Hardness: JS31 - HRC61~64 Through Hardened

JS32 - HRC60~62 Through Hardened

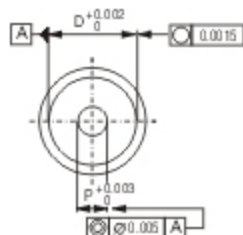
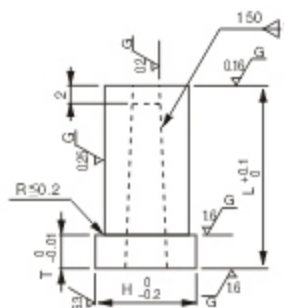
Shape	D	d	L1	H	L					
					16	19	22	25	28	32
A B	4	1.0~2.0	2	6	●	●	●	●	●	●
	5	1.0~2.5		7	●	●	●	●	●	●
	6	1.0~3.0	3	8	●	●	●	●	●	●
	8	1.5~4.0	4	11	●	●	●	●	●	●
	10	2.0~6.0	5	13	●	●	●	●	●	●
	13	3.0~8.0		16	●	●	●	●	●	●
	16	4.0~10.0	6	19	●	●	●	●	●	●
	20	7.0~12.0		23	●	●	●	●	●	●
	25	10.0~16.0		28	●	●	●	●	●	●
	32	14.0~20.0	8	35	●	●	●	●	●	●
38	18.0~26.0	41		●	●	●	●	●	●	

Order Example: Type - SHAPE - D - d - L  
 JS31 - A - 5 - 2 - 22

■ Customize are also available



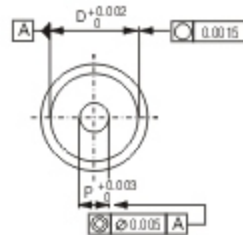
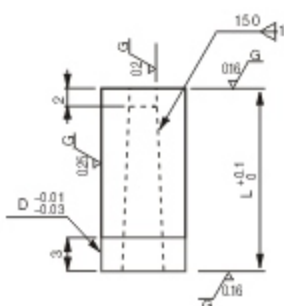
JS33 & JS34



Ⓜ When  $P < 1.00$ ,  
inner angle would be 1/50



JS35 & JS36



Ⓜ When  $P < 1.00$ ,  
inner angle would be 1/50

### Type: JS33 ~ JS36

Material: JS33 & JS35 - V30 - KG7 - Metal Forming Tool Steel

JS34 & JS36 - WF20 - K20 - Submicron Steel

Hardness: JS33 & JS35 - HRA88~89 Through Sintering

JS34 & JS36 - HRA90~92 Through Sintering

D	L	0.001 mm Increment min. P max.	H	T
3	13	0.500~1.000	4	3
4		0.500~1.500	5	
5		0.500~2.500	6	
6	20	1.000~3.000	9	5
8	22	1.000~4.000	11	
10	25	2.000~6.000	13	

Order Example:  -  -  -   
 -  -  -

■ Customize are also available