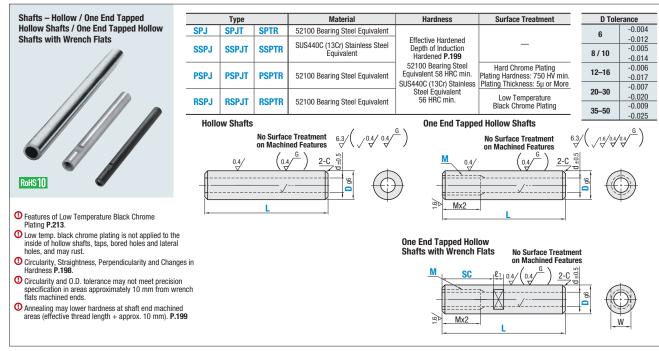
Shafts

Hollow / One End Tapped Hollow Shafts / One End Tapped Hollow Shafts with Wrench Flats



Part Number Type D		L	L mm Increments M (Coarse Threads)		Wrench Flats [
		1 mm Increments			SC	W	ℓ₁	d	С
Hollow Shafts SPJ SSPJ (*marked sizes only) PSPJ RSPJ (0≤30, L≤500) One End Tapped Hollow Shafts SPJT SSPJT (*marked sizes only) PSPJT RSPJT (0≤30, L≤500)	6	20-600	3			5		2	
	*8	20-800 (300)	4 *5			7	8	3 (3)	
	*10	20-800 (400)	5 *6		8			4 (4)	0.5 or Less
	*12	20-1000 (500)	*8	*T1 (RC1/8)	30TC SL302NIAZ		6 (5)		
	*13	25-1000 (500)	*10	*T1 (RC1/8)		11		7 (5)	
	*16	30-1200 (600)	*12	*T2 (RC1/4)		10	10 (6)		
	*20	30-1200 (800)	*16	*T3 (RC3/8)	SC+ℓ ₁ ≤L 17		14 (8)		
	*25	35–1200 (1000)	*20		SC≥0		22		16 (10)
One End Tapped Hollow Shafts with Wrench Flats	*30	35–1500 (1000)	*20		Details of Wrench Flats P.199	15	17 (12)	1.0 or Less	
SPTR SSPTR (*marked sizes only) PSPTR	35	35-1500		24	30 IS		19		
	40	50-1500		24 30		36	20	20	
RSPTR (D<30, L<500)	50	60-1500		30		41	20	26	

When T1, T2 or T3 is selected as M, tapered thread machining is applied. (Ordering Code: MT1)

When Mx2.5+4≥L, tap pilot holes may go through.

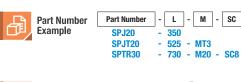
Shafts

Hollow / One End Tapped Hollow Shafts / One End Tapped Hollow Shafts with Wrench Flats, continued

SC - (KKC...etc.)

DKC

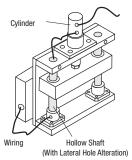
- WSC12-X8





Part Number

Alterations



- 250

SPJT30

- 250 - M20

About Hollow Shaft Wall Thickness Deviations							
		Unit: mm					
Outer Diameter	52100 Bearing Steel	SUS440C (13Cr) Stainless					

Outer Diameter (D)	52100 Bearing Steel Equivalent Wall Thickness Deviation Value	SUS440C (13Cr) Stainless Steel Equivalent Wall Thickness Deviation Value	4
6	0.3 or Less	_	+(++)+
8		1.5 or Less	
10			В
12	0.4 or Less		
13	0.4 01 Less		Deviation Value=A-B
16		4.0 or Less	
20			
25	0.6 or Less		
30	1.0 or Less		
35	1.0 01 Less		
40	1.5 or Less	_	
50	1.5 of Less		
		D 100	

About Hollow Shaft Wall Thickness Deviations, please see P.198.

Alteration Details P.200

	Alterations Code Spec.		Alterations		Code	Spec.	
Revise O.D. Tolerance (Precision Grade)	No.	DKC	Outer diameter tolerance is altered to h5. Ordering Code: DKC D h5 Tolerance 6	Wrench Flats at Two Locations	M side	wsc	Adds wrench flats at two locations. Ordering Code: WSC12-X8 ① Specify WSC(X)=1 mm Increment ① When D≤25 WSC+X+ℓ,x2 <l 10="" 11<="" 12="" 13="" 5="" 6="" 7="" 8="" between="" flats="" is="" orientation="" random.="" th="" two="" w="" wrench="" wsc="0" wsc+x+ℓ,x2<l="" x="Mx2" ℓ₁="" ②="" □=""></l>
Alteration to L Dimension Tolerance	LKC	LKC	Changes L Tolerance. Ordering Code: LKC ① L<200 → L±0.03 200±L<500 → L±0.05 L≥500 → L±0.1 ① L dimensions can be specified in 0.1 mm increment for LKC.	Wren			16 14 20 17 25 22 30 27 35 30 15 40 36 50 41 20 Not applicable to One End Tapped Hollow Shafts Adds a lateral hole on one side. Lateral hole diameters are shown in the table below.
End Boring	K K K	VC / WVC	One end or both ends are bored. (Used as pilot holes) Hole diameter V _{II7} is shown in the table below. K=1 mm Increment 3 <k<vx2 both="" code:="" d="" end:="" ends:="" one="" ordering="" v<sub="" vc-k5="" wvc-k10="">NY 10 6 12 8 13 10 16 12 20 16 25, 30 20 35, 40 24 50 30 WVC is only applicable for Hollow Shafts.</k<vx2>	Lateral Hole on One Side	<u> </u>	RH / LH	RH, LH = 1 mm Increment Od,+1-RH, LHaDX3 Ordering Code: One End RH5, Both Ends RH5-LH6 O Orientation between two cross-drilled holes is rando LH



① Only * marked D and M dimensions are applicable to Stainless Steel Shafts. L and d dimensions in () are applicable.