

Shaft Pulleys for Round Belts

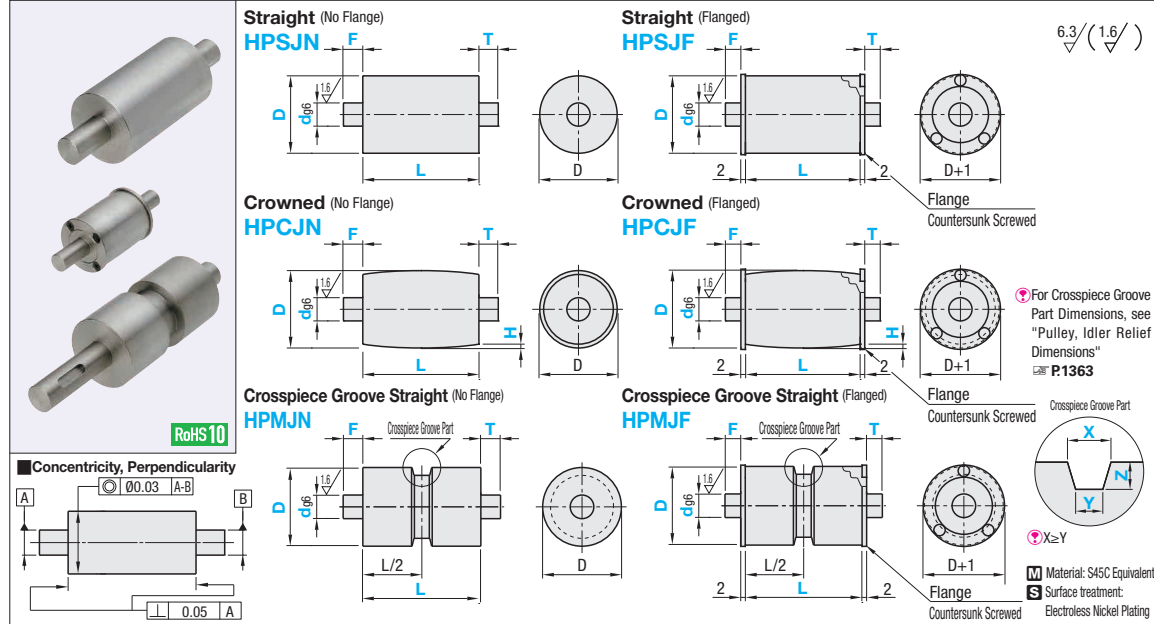
Straight, Crowned, Crosspiece Groove Straight

Width L=25 ~ 100

Idlers for Flat Belts

Width L=38 ~ 90, Width L=100 ~ 300

Features: Flat belt pulleys with integrated shafts. Useful in reducing assembly part counts.



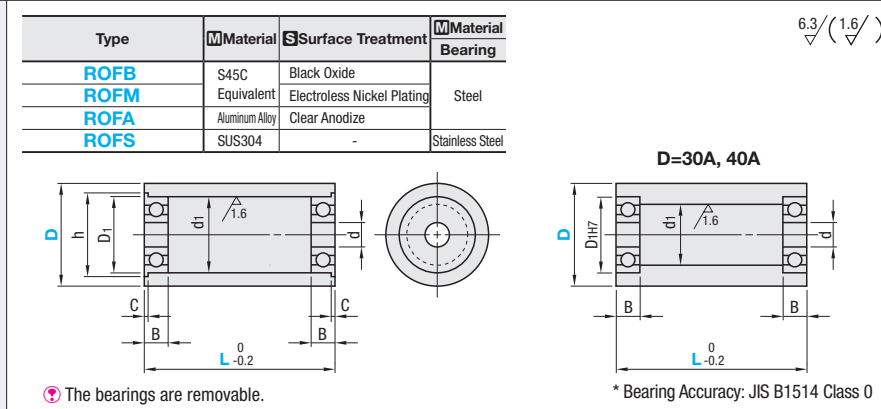
Part Number Type	D	d _{g6}	1mm Increment L	1mm Increment F, T	Crowned Type only H	Crosspiece Groove Straight only: 0.1mm Increment X	Y	Z
Straight HPSJN HPSJF	20	6, 8	Straight Crowned 25-100	4≤F, T≤60 F, T≤dx5	0.3	7.0-15.0	5.0-12.0	4.0-5.0
	30	8, 10, 12						
	35	10, 12, 15						
	40	12, 15, 20						
	50	15, 20, 25						
Crowned HPCJN HPCJF	40	15, 20	Crosspiece Groove Straight 50-100	For Crowned, when D=50-80, 8≤F, T≤60	0.5	7.0-15.0	5.0-12.0	4.0-7.0
	50	20, 25, 30						
	60	25, 30, 35						
Crosspiece Groove Straight HPMJN HPMJF	60	25, 30, 35	Crosspiece Groove Straight 50-100	For Crowned, when D=50-80, 8≤F, T≤60	0.5	7.0-15.0	5.0-12.0	4.0-7.0
	80	25, 30, 35						
	80	25, 30, 35						

Ordering Example: Part Number - d - L - F - T - H - X - Y - Z
 (Straight) HPSJN40 - 15 - 52 - F50 - T10
 (Crowned) HPCJF60 - 20 - 75 - F25 - T40 - H0.5
 (Crosspiece Groove Straight) HPMJN30 - 12 - 76 - F15 - T50 - X14.0 - Y11.8 - Z5.0

D	Straight								Crowned				Crosspiece Groove Straight			
	HPSJN		HPSJF		HPCJN		HPCJF		HPCJF		HPMJN		HPMJF			
20	L25-50	L51-75	L76-100	L25-50	L51-75	L76-100	L25-50	L51-75	L76-100	L25-50	L51-75	L76-100	L50-75	L76-100	L50-75	L76-100
30																
35																
40																
50																
60																
80																

Alterations: Part Number - d - L - F - T - X - Y - Z - (FKC, TKC, FD, TD, TA, TB, FS, TS)
 HPMJN30 - 12 - L76 - F50 - T15 - X14.0 - Y11.8 - Z5.0 - FKC-A15

Alterations	Keyway Machining	Step Machining	Retaining Ring Groove	Shaft Dia. Change
Code	FKC, TKC	FD, TD	TA, TB	FS, TS
Spec.	Adds a keyway on shaft F (T). FKC, TKC, A, B=1mm Increment Ordering Code: FKCS-A10 (TKC0-B10) FKC=0 or 2≤FKC TKC=0 or 2≤TKC FKC+A≤F-2 TKC+B≤T-2 For keyway details, see P.820	Adds a step on shaft F (T). FD, TD, P, Q=1mm Increment Ordering Code: FDS-P8 (TD5-Q8) FD≤F-2 TD≤T-2 No Flange: d<P(Q)<D-2 Flanged: d<P(Q)<D-12	Adds a Retaining Ring Groove Retaining ring is not included. TA, TB = 1mm Increment Ordering Code: TA5 (TB5) 4≤TA≤F-2 (When FD is specified: 4≤TA≤F-FD-2) 4≤TB≤T-2 (When TD is specified: 4≤TB≤T-TD-2) For dimensions of Retaining Ring Groove, refer to P.820	Changes shaft diameter (d). FS, TS=1mm Increment Ordering Code: FS17 (TS17) D (FS/TS) Specification Range: 20 6-18, 30 8-28, 35 10-33, 40 12-38

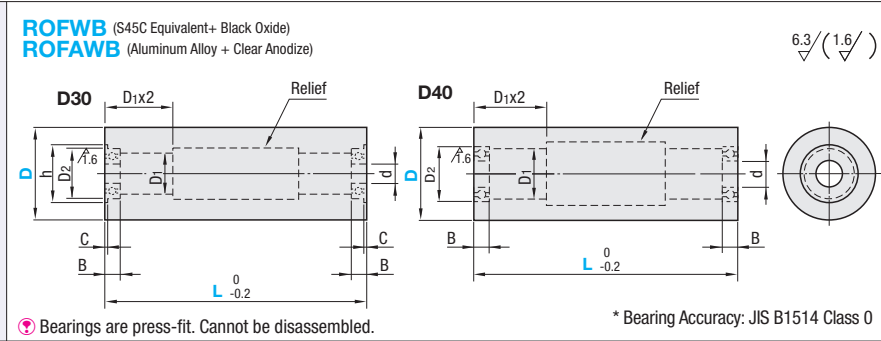


Part Number Type	D	L Selection								d	d ₁	Bearing Dimension				
		38	45	50	60	70	85	90	No.			D ₁	B	C	h	
ROFB ROFM ROFA ROFS	20	38	45	50						6	15	FL696ZZx2	15	5		17
	25	38	45	50	60					6	17	FL606ZZx2	17	6	1.2	19
	30	38	45	50	60	70				8		B698ZZx2	19			
	30A	38	45	50	60	70				8						
	35	38	45	50	60	70	85	90		8						
	40	38	45	50	60	70	85	90		22		FL608ZZx2	22	7	1.5	25
	40A	38	45	50	60	70	85	90		22		B6000ZZx2	26	8		

For detailed bearing dimensions, see P.989, 991.

Ordering Example: Part Number - L
 ROFM25 - 50

D	Unit Price											
	ROFB			ROFM			ROFA			ROFS		
	L38-50	L60, 70	L85, 90	L38-50	L60, 70	L85, 90	L38-50	L60, 70	L85, 90	L38-50	L60, 70	L85, 90
20	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-
30A	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-
40A	-	-	-	-	-	-	-	-	-	-	-	-



Part Number Type	D	10mm Increment L	d	d ₁	Bearing Dimension								Unit Price				
					No.	D ₂	B	C	h	ROFWB		ROFAWB					
ROFWB ROFAWB	30	100-300	8	10	FL678ZZ	12	3.5	0.8	13.6								
					B6801ZZ	21	5	-	-								

Ordering Example: Part Number - L
 ROFWB40 - 150