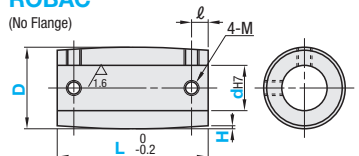


Pulleys for Flat Belts - Width L=25~100

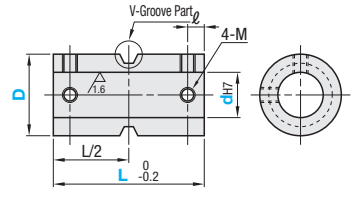
Crowned / V-Groove Straight



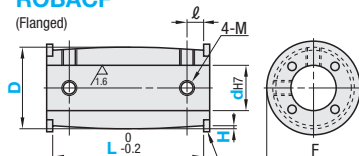
Crowned Type
ROBAC
(No Flange)



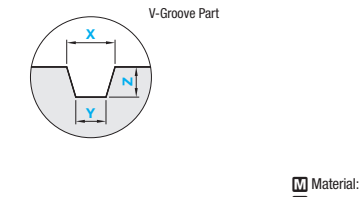
V-Groove Straight Type
ROBAM
(No Flange)



ROBA CF
(Flanged)



V-Groove Part

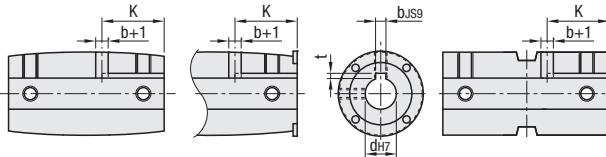


Material: 5052 Aluminum Alloy
Surface Treatment: Clear Anodize

New JIS (B1301) Keyway Dimensions

Standard	dH7	bJS9	tTolerance
N8	8	3	±0.0125
N10	10	4	±0.0150
NK10	10	4	±0.0150
N12	12	5	±0.0150
N15	15	6	±0.0180
N20	20	8	±0.0210
N25	25	10	±0.0250
N30	30	12	±0.0300

Shape of Keyway



For V-Groove Straight Type, key length is shorter under the following conditions in order to avoid causing interference with through holes made by keyway machining.

When $L/2 - X/2 \leq K \leq L/2 + X/2$, $K = L/2 - (X/2 + (b+1)/2 + 1)$

Part Number	Type	dH7		1mm Increment	Crowned Type Only	V-Groove Straight Type 0.1mm Increment			Key Length	M		ℓ	F
		D	Round Hole + Tap			X	Y	Z		Round Hole + Tap	Keyway + Tap		
Crowned Type ROBAC V-Groove Straight Type ROBAM	Crowned Type	15	8	N8	Crowned Type 25~100	-	-	-	25	M3	M3	3.5	-
		20	8	N8					25				-
		25	10	N10, NK10					25				26
		30	8	N8					25				31
		35	10	N10, NK10					30				36
		40	12	N12					30				41
	V-Groove Straight Type	15	8	N8	V-Groove Straight Type 50~100	0.3	7.0~15.0	5.0~12.0	30	M4	M4	4	51
		20	10	N10, NK10					25				61
		25	12	N12					30				81
		30	15	N15					30				81
		35	15	N15					30				81
		40	20	N20					30				81

When $L \leq 36$ (N8, N10, NK10) or $L \leq 43$ (N12, N15, N20) or $L \leq 45$ (N25, N30), $K=L$ (No Flange) or $K=L+4$ (Flanged).
 Flanged Type is only applicable to D=25 or more; Flanged Type with Keyways to D30 or more.
 Select NK10 when Keyway + Tap with shaft bore with keyway width 4.0mm (height 1.8mm) is requested.

Ordering Example: **Crowned Type** Part Number - d - L - H
 ROBAC30 - NK10 - L62 - H0.3
V-Groove Straight Type Part Number - d - L - X - Y - Z
 ROBAM40 - 15 - L82 - X7.8 - Y6.0 - Z5.0

Price [Configure Online](#)

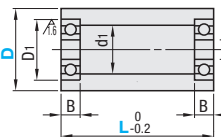
D	Body Price								Keyway Machining Charge (Body Price +)
	Crowned Type						V-Groove Straight Type		
	ROBAC			ROBACF			ROBAM		
	L25~50	L51~75	L76~100	L25~50	L51~75	L76~100	L50~75	L76~100	
15				-	-	-	-	-	
20				-	-	-	-	-	
25							-	-	
30									
35									
40									
50									
60									
80									

Idlers for Flat Belts - Width L=25~100

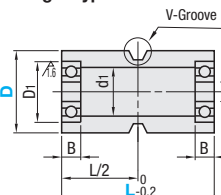
Straight / V-Groove Straight / Crowned



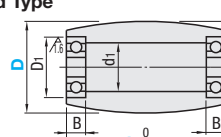
Straight Type
ROFAN
(No Flange)



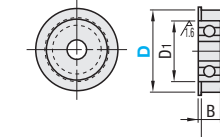
V-Groove Straight Type
ROFAM
(No Flange)



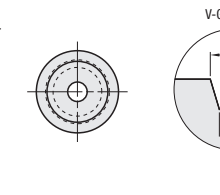
Crowned Type
ROFAC
(No Flange)



ROFA F
(Flanged)



V-Groove Part



Material: 5052 Aluminum Alloy
Surface Treatment: Clear Anodize
Bearing Accuracy: JIS B1514 Class 0
Bearings are press-fit. Cannot be disassembled.

Part Number		d	1mm Increment	V-Groove Straight Type 0.1mm Increment			Crowned Type Only	d1	Bearing Dimension			F
Type	D		L	X	Y	Z	H		No.	D1	B	
Straight Type ROFAN ROFAC V-Groove Straight Type ROFAM Crowned Type ROFAC  V-Groove Straight Type is only available in D dimension 30 or larger.	15	(5) (6)	Straight Type 25~100 V-Groove Straight Type 50~100  L≥Bx2+2	-	-	-	0.3 0.5 0.8	7	B675ZZ	8	2.5	-
	9	B676ZZ						10	3	-		
	10	B686ZZ						13	5	-		
	10	B678ZZ						12	3.5	-		
	10	B696ZZ						15	5	26		
		B688ZZ						16				
	15	B698ZZ						19	6	31		
		B6900ZZ						22				
		B6901ZZ						24				
	17	B6900ZZ						22	6	36		
		B6901ZZ						24				
		B6902ZZ						28				
	17	B628ZZ		24	8	41						
		B6000ZZ		26								
		B6901ZZ		24								
		B6902ZZ		28								
		22		B6804ZZ				32	7			
		17		B6200ZZ				30	9			
	22	B6001ZZ		28	8	51						
		B6902ZZ		28				7				
		27		B6904ZZ				37	9			
	27	B6905ZZ		42	9	61						
		B6201ZZ		32				10				
		B6002ZZ		32				9				
	32	B6904ZZ		37	9	81						
		B6905ZZ		42								
		B6906ZZ		47								
	41	B6205ZZ		52	15	13						
B6006ZZ		55	10									
B6907ZZ		55	10									

Sizes in () for d are only applicable to No Flange Type. For detailed bearing dimensions, see P.879, 883

Ordering Example: **Straight Type** Part Number - d - L - H
 ROFAN30 - 10 - L52
V-Groove Straight Type Part Number - d - L - X - Y - Z
 ROFAM40 - 12 - L82 - X7.8 - Y6.0 - Z5.0
Crowned Type Part Number - d - L - H
 ROFAC60 - 20 - L75 - H0.5

Price [Configure Online](#)

D	Unit Price											
	Straight Type						V-Groove Straight Type			Crowned Type		
	ROFAN	ROFA F	ROFAM	ROFAC	ROFAC	ROFAC	ROFAM	ROFAM	ROFAM	ROFAC	ROFAC	ROFAC
15	L25~50	L51~75	L76~100	L25~50	L51~75	L76~100	L50~75	L76~100	L25~50	L51~75	L76~100	
20												
25												
30												
35												
40												
50												
60												
80												