

Guide Rollers

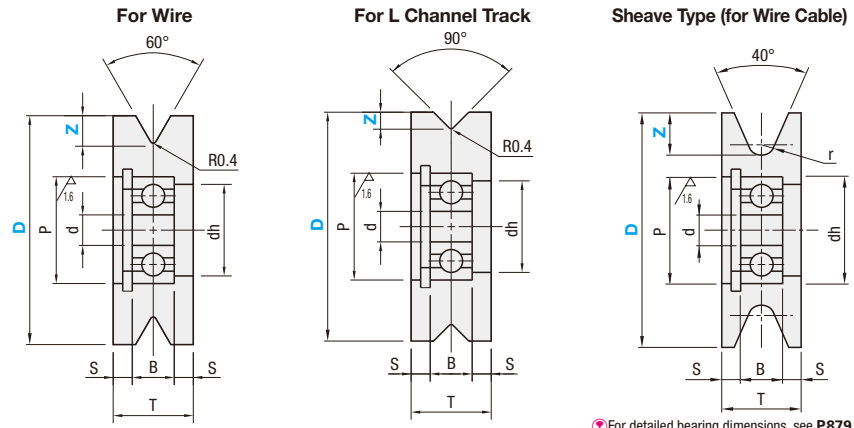
V Groove 60°, V Groove 90°, Sheave Type (for Wire Cables)

Feature: Can be used for a various guides for rails and workpieces. For 60° = Wire, for 90° = L channel, for Sheaves = Wire Cable.

RoHS10

Type			Main Body Material	Surface Treatment	Material	
60°: For Wire	90°: For Channel	Sheave (for Wire Cable)			Retaining Ring	Bearing
VMRN	VMQN	-	1045 Carbon Steel	-	Spring Steel	Steel
VMRB	VMQB	-		Black Oxide	Spring Steel	
VMRG	VMQG	-		Electroless Nickel Plating	Spring Steel	
VMRA	-	-	5052 Aluminum Alloy	Clear Anodize	Stainless Steel	Steel
VMRP	-	-	Polyacetal	-	Stainless Steel	
VMRM	-	-	Conductive MC Nylon	-	Spring Steel	
-	-	SMRN	MC Nylon	-	Spring Steel	

*Bearing Accuracy JIS B 1514 0 Class
 Ⓢ Bearings are press-fitted.



Part Number Type	D	Z Groove Depth		d	P	dh	T	S	B	r	Applicable Wire Cable Dia.	Bearing Used			
		60° Sheave	90°												
For Wire VMRN VMRB VMRG VMRA VMRP VMRM	(20)	4	3	3	10	8	10	3	4	-	-	623ZZ			
	(30)			5	16	13	10	2.5	5	-	-	625ZZ			
	40			6	19	16	12	3	6	-	-	626ZZ			
	30			5	-	6	19	16	12	3	6	-	626ZZ		
	40			5	-	8	24	21	14	3	8	-	628ZZ		
	For L Channel Track SMRN	(40)	7	5	8	24	21	14	3	8	-	-	628ZZ		
		(50)			10	26	23	14	3	8	-	-	6000ZZ		
		*50			9	-	10	26	23	14	3	8	2.2	4	6000ZZ
		60			10	-	10	26	23	16	4	8	3.3	6	6000ZZ
		*60			10A	-	10	26	23	18	5	8	4.4	8	6000ZZ
Sheave Type (for Wire Cable)		60	-	-	10	26	23	16	4	8	-	-	6000ZZ		
		(60)	11	-	6	10	26	23	16	4	8	-	6001ZZ		
		*60	-	-	12	28	25	20	6	8	5.5	10	6001ZZ		
		(100)	6	-	12	28	25	16	4	8	-	-	6001ZZ		

Ⓢ 90°: Channel Type are available in () sizes only.
 Ⓢ For Sheave Type (for Wire Cables), only * marked sizes are available.

Ordering Example: Part Number - Groove Depth Z
 VMRA40 - 5
 SMRN50 - 9
 VMQN40 - 5

Days to Ship: [Configure Online](#)

Price: [Configure Online](#)

D	Z Groove Depth		Unit Price					
	60° Sheave	90°	For Wire		For L Channel Track	Sheave Type		
			VMRN (x1.0)	VMRA	VMRP	VMRM	VMQN (x1.0)	SMRN
20	4	3	VMRB (x1.1)				VMQB (x1.1)	
30			VMRG (x1.2)				VMQG (x1.2)	
40	5	-						
30								
40	7	5						
40								
50	9	-						
50								
60	10	-						
60								
60	10A	-						
60								
100	11	6						

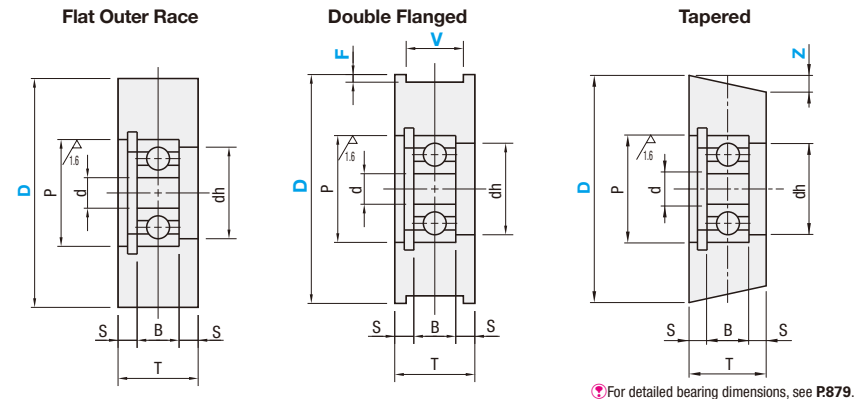
Guide Rollers

Flat, Double Flanged, Tapered

RoHS10

Type			Main Body Material	Surface Treatment	Material	
Flat Outer Race	Double Flanged	Tapered			Retaining Ring	Bearing
FTMRN	HMRN	TMRN	1045 Carbon Steel	-	Spring Steel	Steel
FTMRB	-	-		Black Oxide	Spring Steel	
FTMRG	-	-		Electroless Nickel Plating	Spring Steel	
FTMRA	HMRA	-	5052 Aluminum Alloy	Clear Anodize	Stainless Steel	Steel
FTMRP	HMRP	-	Polyacetal	-	Spring Steel	

*Bearing Accuracy JIS B 1514 0 Class
 Ⓢ Bearings are press-fitted.



Part Number Type	D	Double Flanged		Tapered	d	P	dh	T	S	B	Bearing Used	
		V Groove Width	F 0.5mm Increment	Z 0.5mm Increment								
Flat Outer Race FTMRN FTMRB FTMRG FTMRA FTMRP	15	4	0.5~2.0	-	3	10	8	9	2.5	4	623ZZ	
	20				4	13	11	10		5	624ZZ	
	30				5	16	13	10	6	625ZZ		
	(30)				6	19	16	12	3	6	626ZZ	
	*20				4	13	11	10	2.5	5	624ZZ	
	Double Flanged HMRN HMRA HMRP	30	5	0.5~2.0	0.5~3.0	5	16	13	10	2.5	5	625ZZ
		40				6	19	16	11		6	626ZZ
		(40)				8	24	21	14	3	8	628ZZ
		*30				5	16	13	10	2.5	5	625ZZ
		40				6	19	16	11	2.5	6	626ZZ
Tapered Type TMRN		50	6	0.5~2.0	-	8	24	21	14	3	8	628ZZ
		(50)				10	26	23	14	3	8	6000ZZ
		*40				6	19	16	11	2.5	6	626ZZ
		*50				8	24	21	14	3	8	628ZZ
		(60)				10	26	23	14	3	8	6000ZZ
	(100)	12	28	25	16	4	8	6001ZZ				

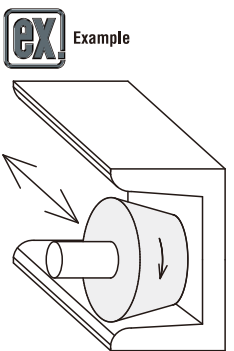
Ⓢ Flat Type are available in () sizes only.
 Ⓢ Tapered Type are available in * marked sizes only.

Ordering Example: Part Number - V Groove Width - F - Z
 FTMRN40 - 4 - F0.5 - Z3.0

Days to Ship: [Configure Online](#)

Price: [Configure Online](#)

D	V Groove Width	Unit Price						
		Flat Outer Race		Double Flanged			Tapered Type	
		FTMRN (x1.0)	FTMRA	FTMRP	HMRN	HMRA	HMRP	TMRN
15	4	FTMRB (x1.1)						
20		FTMRG (x1.2)						
30	5							
20								
30	6							
40								
50	8							
40								
50								
60								
100								



Suitable for use with channel steel. EX) Guides for elevators, etc.