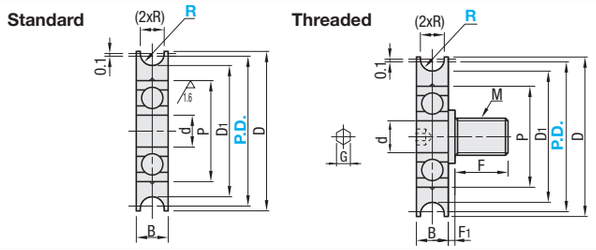
Idlers for Round Belts
Narrow Type

RoHS10

Type		Main Body		Thread		Bearing
Standard	Threaded	M Material	S Surface Treatment	M Material	S Surface Treatment	M Material
MBF	MBFN	S45C Equivalent	Black Oxide	S45C	Black Oxide	Steel
MBFM	MBFNM		Electroless Nickel Plating		Electroless Nickel Plating	
MBFA	MBFNA	Aluminum Alloy	Clear Anodize	SUS304	-	
MBFS	MBFNS	SUS304	-			Stainless Steel



*Bearing Accuracy: JIS B1514 Class 0
Bearings are glued.
Threaded pins are swaged on.

Part Number Type	P.D.	R	F	d	P	D	D1	B	Bearing	M	G	F1	Applicable Round Belt Dia.
	*15	1.1	-	4	11	17	13	4	694ZZ	-	-	-	2
	*20				13	21	18	5	624ZZ				
	*30			5	16	32	28		625ZZ				
	*20	1.6	-	4	13	22	17	5	624ZZ	-	-	-	3
	*23			5	16	25	20		625ZZ				
	*30					32	27						
	*18	2.1	-	5	11	20	14	5	685ZZ	-	-	-	4
	23		8	6	15	25	19		696ZZ	M6	3	1.0	
	28				19	30	24	6	626ZZ		3		
	30			8		32	26		698ZZ		4		
	40		12	12	24	42	36		6901ZZ	M10	6	1.5	
	48					50	44						
	28	2.6	8	6	19	30	23	6	626ZZ	M6	3	1.0	5
	40			8		42	35		698ZZ		4		
	48					50	43						
	50		12	12	24	52	45		6901ZZ	M10	6	1.5	
	38	3.1	10	8	24	40	32	8	628ZZ	M8	4	1.0	6
	48					50	42						
	50		12	12	28	52	44		6001ZZ	M10	6	1.5	
	60					62	54						
	100			20	37	102	94	9	6904ZZ				
	50	4.1	12	12	32	52	42	10	6201ZZ	M10	6	1.5	8
	60					62	52						
	60	5.1	12	20	42	62	50	12	6004ZZ	M10	6	1.5	10
	80					82	70						
	*140		-			142	130			-	-	-	

Standard: MBF, MBFM, MBFA, MBFS
Threaded: MBFN, MBFNM, MBFNA, MBFNS

Sizes marked with * are available for Standard Type only.

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

P.D.	R	Unit Price Standard MBF	MBFM	MBFA	MBFS	Threaded MBFN	MBFNM	MBFNA	MBFNS
15	1.1					-	-	-	-
20						-	-	-	-
30						-	-	-	-
20	1.6					-	-	-	-
23						-	-	-	-
30						-	-	-	-
18	2.1					-	-	-	-
23									
28									
30									
40									
48									
28	2.6								
40									
48									
50									
38	3.1								
48									
50									
60									
100									
50	4.1								
60									
60	5.1								
80									
140						-	-	-	-

Ordering Example

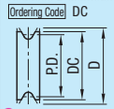
Part Number	-	R
MBF28	-	2.6
MBFN38	-	3.1
MBG40	-	2

Alterations

Part Number - R - (DC)
MBFN40 - 2.1 - DC

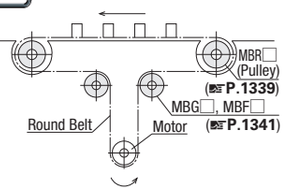
Alterations Code	O.D. Cut DC
Spec.	Reduces D diameter by cutting. Ordering Code DC

Available R	DC
1/1.1	P.D.+0.8
1.5/1.6	P.D.+1.2
2/2.1	P.D.+1.6
2.5/2.6	P.D.+1.8



Available only for products with R 1/1.1, 1.5/1.6, 2/2.1 and 2.5/2.6
Surface treatment may not be applied to the machined area.

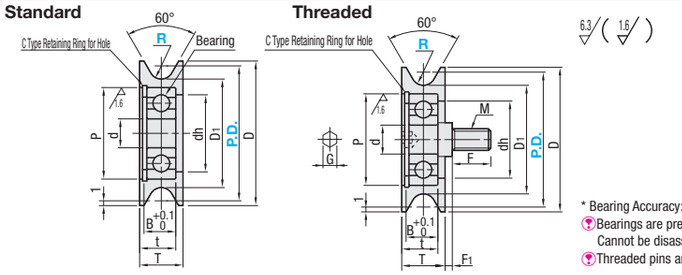
Example



Idlers for Round Belts
Wide

RoHS10

Type		Main Body		Thread		Bearing	A Accessory
Standard	Threaded	M Material	S Surface Treatment	M Material	S Surface Treatment	M Material	
MBG	MBGN	S45C Equivalent	Black Oxide	S45C	Black Oxide	Steel	Retaining Ring (SUS304)
MBGM	MBGNM		Electroless Nickel Plating		Electroless Nickel Plating		
MBGA	MBGNA	Aluminum Alloy	Clear Anodize				
MBGS	MBGNS	SUS304	-	SUS304	-	Stainless Steel	
MBGJ	MBGNJ	Polyacetal				Steel	



* Bearing Accuracy: JIS B1514 Class 0
Bearings are press-fit. Cannot be disassembled.
Threaded pins are swaged on.

Part Number Type	P.D.	R	d	P	dh	D	D1	T	t	B	Bearing	M	G	F	F1	Applicable Round Belt Dia.
	*15	1	3	10	8	17	13	10	6.5	5	623ZZ	-	-	-	-	2
	*20		5	16	13	22	18		7.5	6	625ZZ					
	*30					32	28	12	9							
	*20	1.5	4	13	11	22	17	10	7.5	6	624ZZ	-	-	-	-	3
	30		6	19	16	32	27	12	9	7	626ZZ	M6	3	8	1	
	*23	2	5	16	13	25	19	10	7.5	6	625ZZ	-	-	-	-	4
	28		6	19	16	30	24	12	9	7	626ZZ	M6	3	8	1	
	30					32	26									
	40		10	26	23	42	36	15	11.5	9.2	6000ZZ	M8	5	10	1.5	
	48		12	28	25	50	44				6001ZZ	M10	6	12		
	60					62	56									
	*23	2.5	5	16	13	25	18	10	7.5	6	625ZZ	-	-	-	-	5
	28		6	19	16	30	23	12	9	7	626ZZ	M6	3	8	1	
	40		10	26	23	42	35	15	11.5	9.2	6000ZZ	M8	5	10	1.5	
	48		12	28	25	50	43				6001ZZ	M10	6	12		
	50					52	45									
	60					62	55									
	28	3	6	19	16	30	22	12	9	7	626ZZ	M6	3	8	1	6
	38		10	26	23	40	32	15	11.5	9.2	6000ZZ	M8	5	10	1.5	
	48		12	28	25	50	42				6001ZZ	M10	6	12		
	50					52	44									
	60					62	54									
	80					82	74									
	100					102	94									
	50	4	12	28	25	52	42	15	11.5	9.2	6001ZZ	M10	6	12	1.5	8
	60					62	52									
	80					82	72									
	100		15	32	28	102	92	16	12.5	10.2	6002ZZ				1	
	120					122	112									
	60	5	12	28	25	62	50	15	11.5	9.2	6001ZZ	M10	6	12	1.5	10
	80					82	70									
	100		15	32	28	102	90	16	12.5	10.2	6002ZZ				1	
	120					122	110									
	140					142	130									

Standard: MBG, MBGM, MBGA, MBGS, MBGJ
Threaded: MBGN, MBGNM, MBGNA, MBGNS, MBGNJ

Sizes marked with * are available for Standard Type only.

For applicable sizes, refer to the price list.

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

P.D.	R	Unit Price Standard MBG	MBGM	MBGA	MBGS	MBGJ	Threaded MBGN	MBGNM	MBGNA	MBGNS	MBGNJ
15	1					-	-	-	-	-	-
20						-	-	-	-	-	-
30						-	-	-	-	-	-
20	1.5						-	-	-	-	-
30						-					-
23	2						-	-	-	-	-
28						-					-
30						-					-
40						-					-
48						-					-
60						-					-
23	2.5						-	-	-	-	-
28						-					-
40						-					-
48						-					-
50						-					-
60						-					-
28	3										
38						-					-
48						-					-
50						-					-
60						-					-
80						-					-
100						-					-
50	4										
60						-					-
80						-					-
100						-					-
120						-					-
60	5										
80						-					-
100						-					-
120						-					-
140						-					-

■Ordering Example, Days to Ship, Volume Discount Rate, Alterations and App. Example Left-hand Page