

Idler Sprockets with Hub

35B / 40B / 50B / 60B Series

Feature: The Idlers which bearings are built-in on both sides of general purpose sprockets.

RoHS10

Type	Material		Surface Treatment
	Main Body	Bearing	
DRCBW	1045 Carbon Steel (Induction Hardened Tooth Tip)	Steel	Black Oxide
DRCSBW	304 Stainless Steel	Stainless Steel	-

For Cantilever Shafts **P771-794**
For non-drive shaft side tension adjustments, please see Tensioner Unit on **P1299**.

*Bearing Accuracy: JIS B1514 Class 0
⊕Bearings are press-fit.

Part Number Type	No.	Number of Teeth	d	Dp	Do	Dh	Hub		T	Bearing Dimension			Unit Price			
							H	L		No.	D1	b	DRCBW	DRCSBW		
DRCBW (1045 Carbon Steel (Induction Hardened Tooth Tip) Teeth Tip)	35	10	10	30.82	34	13	*24.5	20	4.3	6700ZZ	15	4				
		12	12	36.80	41	18	*30.5				6801ZZ	21	5			
		13	12	39.80	44	18	*32				6801ZZ	21	5			
		14	12	42.81	47	21	32				6901ZZ	24	6			
		15	12	45.81	51	24	35				6001ZZ	28	8			
		16	12	48.82	54	24	37				6001ZZ	28	8			
		18	15	54.85	60	28	44				6002ZZ	32	9			
		20	15	60.89	66	28	50				6002ZZ	32	9			
		21	15	63.91	69	28	53				6002ZZ	32	9			
		25	20	76	81	34	53				6904ZZ	37	9			
		32	20	97.18	102	34	53				6904ZZ	37	9			
		10	12	41.10	46	18	*32				22	7.2	6801ZZ	21	5	
	11	12	45.08	51	21	*36	6901ZZ	24	6							
	12	12	49.07	55	24	*40	6001ZZ	28	8							
	13	12	53.07	59	24	37	6001ZZ	28	8							
	14	12	57.07	63	24	42	6001ZZ	28	8							
	15	15	61.08	67	28	46	6002ZZ	32	9							
	16	15	65.1	71	28	50	6002ZZ	32	9							
	17	20	69.12	76	34	54	6904ZZ	37	9							
	18	20	73.14	80	34	57	6904ZZ	37	9							
	19	20	77.16	84	34	62	6904ZZ	37	9							
	20	25	81.18	88	36	67	6905ZZ	42	9							
	24	25	97.3	104	36	63	6905ZZ	42	9							
	25	25	101.33	108	36	63	6905ZZ	42	9							
26	25	105.36	112	36	63	6905ZZ	42	9								
12	15	61.34	69	29	*50	25	8.7	6202ZZ	35	11						
14	15	71.34	79	29	52				6202ZZ	35	11					
15	20	76.35	84	34	57				6904ZZ	37	9					
17	20	86.39	94	34	67				6904ZZ	37	9					
18	25	91.42	100	41	72				6005ZZ	47	12					
20	25	101.48	110	41	73				6005ZZ	47	12					
24	30	121.62	130	48	73				6006ZZ	55	13					
28	35	141.79	150	49	73				6907ZZ	55	10					
12	15	73.6	83	29	51				32	11.7	6202ZZ	35	11			
14	20	85.61	95	40	62							6204ZZ	47	14		
15	20	91.62	101	40	68							6204ZZ	47	14		
17	25	103.67	113	45	73							6205ZZ	52	15		
19	30	115.74	126	55	83	6206ZZ	62	16								
20	30	121.78	132	55	83	6206ZZ	62	16								
22	30	133.86	144	55	83	6206ZZ	62	16								
25	35	151.99	162	60	83	6207ZZ	72	17								
30	35	182.25	193	60	83	6207ZZ	72	17								

⊕Sprockets marked with * have grooves on hub O.D.

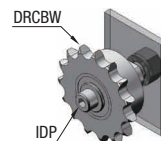
Ordering Example Part Number - Number of Teeth
DRCBW50 - 20
DRCSBW40 - 25

Days to Ship **Configure Online**

Example Combination of these use examples can be selected over Web. Details about Selection Procedure **P81**

<http://us.misumi-ec.com/contents/mech/modular/>

Price **Configure Online**



Idler Sprockets with Hub / Small Idlers

Double Pitch Chains

35B / 40B / 50B / 60B Series

Feature: The Idlers which bearings are built-in on both sides of Double Pitch Sprockets.

Double Pitch

Type	Material		Surface Treatment
	Main Body	Bearing	
DRCBW	1045 Carbon Steel (Induction Hardened Tooth Tip)	Steel	Black Oxide

For Cantilever Shafts **P771-794**
For non-drive shaft side tension adjustments, please see Tensioner Unit on **P1299**

*Bearing Accuracy: JIS B1514 Class 0
⊕Bearings are press-fit.

Part Number Type	No.	Number of Teeth	d	Dp	Do	Dh	Hub		T	Bearing Dimension			Unit Price			
							H	L		No.	D1	b				
DRCBW	2040	21	20	86.17	92	34	69	25	7.2	6904ZZ	37	9				
		23	25	94.15	100	36	77				6905ZZ	42	9			
		25	25	102.14	108	36	63				6905ZZ	42	9			
		19	25	97.78	105	41	73				28	8.7	6005ZZ	47	12	
		21	30	107.72	115	48							6006ZZ	55	13	
		25	30	127.67	135	48							6006ZZ	55	13	
	19	30	117.34	126	55	83	40	11.7	6206ZZ	62	16					
	25	30	153.2	162	55	80				45	6206ZZ	62	16			

Ordering Example Part Number - Number of Teeth
DRCBW2040 - 23

Days to Ship **Configure Online**

Price **Configure Online**

Feature: Up to 37% smaller than the standard idler sprockets on **P.1295**. Usable in space limited applications.

RoHS10

Type	Material		Surface Treatment	Hardness
	Main Body	Bearing		
SDRCH	1045 Carbon Steel (Induction Hardened)	Steel	Black Oxide	55-60HRC Hardened on T Part Depth 1-2mm

⊕Induction Hardened on T part only
*Bearing Accuracy: JIS B1514 Class 0

For Idler Shafts, please see Cantilever Shafts on **P.771-794**.

Part Number Type	No.	D	d	L	T	dh	H	S	Bearing Dimension			Applicable Ring	Unit Price	
									No.	D1	B			
SDRCH	35	30	6	12	4.4	13	2.2	3	606ZZ	17	6	RTWN17		
		40	10	15		22		3.5	6000ZZ	26	8	RTWN26		
		50	12	16		26		3	6201ZZ	32	10	RTWN32		
		40	10	15		22		3.5	6000ZZ	26	8	RTWN26		
		50	12	16		26		2.2	3	6201ZZ	32	10	RTWN32	
		60	15	19		29		4	6202ZZ	35	11	RTWN35		
	50	10	19	22	5.5	6000ZZ	26	8	RTWN26					
	60	12	19	26	2.7	4.5	6201ZZ	32	10	RTWN32				
	70	15	19	29	4	6202ZZ	35	11	RTWN35					
	60	12	23	26	3.5	6.5	6201ZZ	32	10	RTWN32				
	70	15	23	29	6	6202ZZ	35	11	RTWN35					

Ordering Example Part Number - D
SDRCH40 - 60

Days to Ship **Configure Online**

Price **Configure Online**