

Idler Pins

Note that, for some of the types shown here, order might be unable to be received by the MISUMI Indonesia offices.

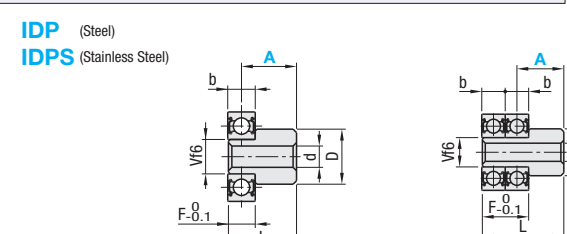
Tensioner Units with Idler

Height Configurable

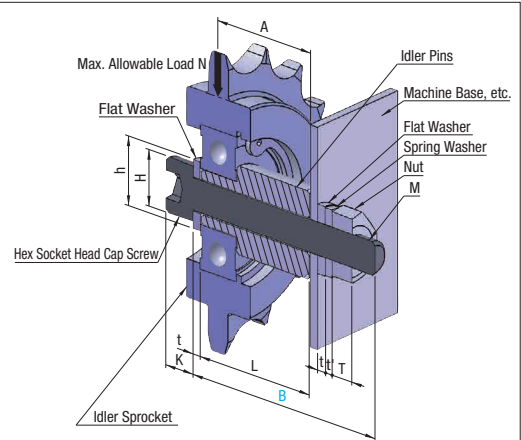
■ **Features:** Tools needed to attach idler sprockets are sold as a set.



IDP (Steel)
IDPS (Stainless Steel)



Type S **Type W**



Max. Allowable Load N
Flat Washer
Hex Socket Head Cap Screw
Idler Pins
Machine Base, etc.
Flat Washer
Spring Washer
Nut
M
Idler Sprocket

Part Name	Type		
	IDP	IDPS	
	M Material	S Surface Treatment	M Material
Idler Pins	S45C Equivalent	Black Oxide	Stainless Steel
Hex Socket Head Cap Screw	SCM435		
Nut, Plain Washer	SS400		
Spring Washer	SWRH57		

Part Number			A Selection	B Selection 5mm Increment	Applicable Bearing	Pin Body Size				Size of Screw, Washer								Max. Allowable Load N (kgf)	Unit Price	
Type	Bearing No.	Type				L	F	Vt6	D	d	M	K	H	T	t	t'	h		IDP	IDPS
IDP (Steel) IDPS (Stainless Steel)	6000	S	12	30~40	6000ZZ (b=8)	A+3.8	7.8	10	16	6.2	M6	6	10	5.0	1.6	1.5	12.5	323 (33)		
			14, 16	35~45																
			18, 20	40~50																
		W	12, 14	40~50		A+11.8	15.8										274 (28)		-	
			16, 18	45~55																
			20	50~60																
	6001	S	14	35~45	6001ZZ (b=8)	A+3.8	7.8	12	16	8.2	M8	8	13	6.5	1.6	2.0	17.0	548 (56)		
			16, 18, 20	40~50																
			22	45~55																
		W	14, 16	45~55		A+11.8	15.8										441 (45)		-	
			18, 20, 22	50~60																
	6201	S	14	35~45	6201ZZ (b=10)	A+4.8	9.8	12	16	8.2	M8	8	13	6.5	1.6	2.0	17.0	548 (56)		
			16, 18	40~50																
			20, 22	45~55																
		W	14	45~55		A+14.8	19.8										441 (45)		-	
			16, 18	50~60																
			20, 22	55~65																
	6202	S	16, 18, 20	45~55	6202ZZ (b=11)	A+5.3	10.8	15	20	10.5	M10	10	16	8.0	2.0	2.5	21.0	999 (102)		
			22, 24	50~60																
			16, 18	55~65		A+16.3	21.8										803 (82)		-	
		20, 22	60~70																	
		24	65~75																	
		6203	S	16, 18		45~55	6203ZZ (b=12)	A+5.8	11.8	17	25	10.5	M10	10	16	8.0	2.0	2.5	21.0	1244 (127)
	20, 22, 24			50~60																
	16			55~65	A+17.8	23.8											990 (101)		-	
	18, 20, 22		60~70																	
	24		65~75																	
	6204		S	20, 22	55~65	6204ZZ (b=14)		A+6.8	13.8	20	25	14.5	M14	14	21	11.0	2.5	3.5	28.0	1989 (203)
		24, 26		60~70																
		28, 30		65~75	A+20.8		27.8											1617 (165)		-
		20, 22	70~80																	
		24, 26, 28	75~85																	
		30	80~90																	

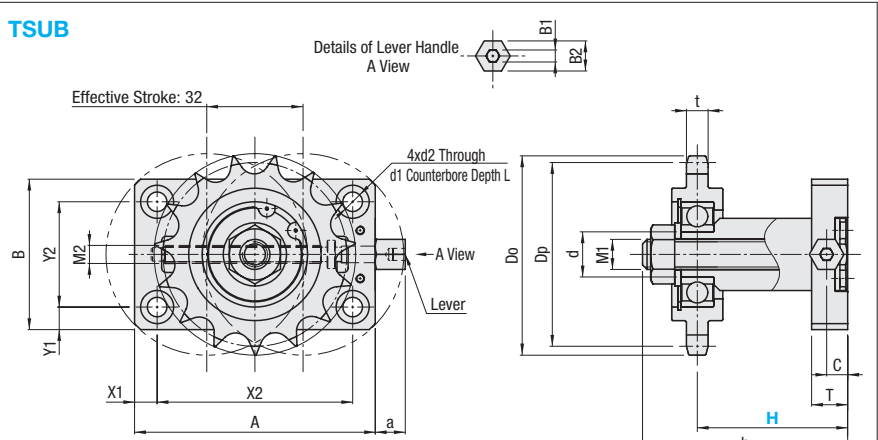
Ordering Example
Part Number - A - B
IDP6000S - 16 - 35

■ **Features:** The following bidirectional tension adjustment is available: "Push" direction and "Pull" direction. This unit and idler are assembled in a set before delivery.



TSUB

RoHS10



Effective Stroke: 32
Details of Lever Handle A View
4x2 Through d1 Counterbore Depth L
Lever
A View
H
h

Part Name	M Material	S Surface Treatment
Base Block	SS400	
Idler Shaft		
Adjustment Screw	S45C	Black Oxide
Nut		
Washer		
Idler Sprocket	S35C Equivalent (Induction Hardened Teeth Tip)	-

One Point
By using the adjustment screw coupled to the idler shaft machined with the tapped hole, tension can be adjusted bidirectionally: "Push" and "Pull."
Since the adjustment screw is structured with the dual support frame, it prevents the idler shaft from being inclined and facilitates tension adjustment.

Part Number	Number of Teeth	H 1mm Increment	h (Max.)	M1	M2	Travel per Handle Rotation (mm)	d	A	B	T	X1	X2	Y1	Y2	a	d1	d2	L	C	B1	B2	Unit Price
TSUB	35	16	25~45	59.2	8	1.0	12	80	50	12	7.5	65	7.5	35	10.5	11	6.5	6.5	7	4	10	
		18		63.2	10		15															
	40	13	30~50	64.2	8	1.25	12	85	60	12	7.5	70	7.5	45	10.5	11	6.5	6.5	7	4	10	
		15		68.2	10		15															
	50	13	35~55	73.2	10	1.25	15	90	60	16	10	70	10	40	15.5	14	8.5	8.5	8	5	13	
		15		76.2	12		17															
	60	11	40~60	79.2	14	1.25	20	90	60	16	10	70	10	40	15.5	14	8.5	8.5	8	5	13	
		14		84.2	14		20															
		11		78.2	10		15															
		14		84.2	14		20															

Idler Specifications

No.	Number of Teeth	Shaft Dia.	Dp	Do	t	Bearing Part No.
35	16	12	48.82	54	4.3	6001ZZ
	18	15	54.85	60		6202ZZ
40	13	12	53.07	59	7.2	6001ZZ
	15	15	61.08	67		6202ZZ
	19	20	77.16	84		6204ZZ
50	13	15	66.34	74	8.7	6202ZZ
	15	17	76.35	84		6203ZZ
	17	20	86.39	94		6204ZZ
60	11	15	67.62	76	11.7	6202ZZ
	14	20	85.61	95		6204ZZ