Tips for Clamps

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

Components for Toggle Clamps

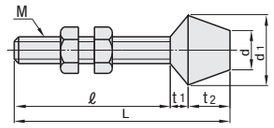
Two-Pronged Clamp Arms, Clamp Arm Extension Kits, Clamp Brackets

Features: Bolts for Toggle Clamps. In addition to the standard type, we offer a variety of types of bolts that are highly capable of resisting abrasion, or buffering impacts from a workpiece.

Tips (Standard)

(NBR)

Type	Tip Material	Tip Hardness	Bolt Material	Bolt Surface Treatment
MC□-□□	NBR	Shore A70	Steel	Trivalent Chromate
MCS□-□□			Stainless Steel	-



Part Number	M-ℓ (Thread Effective Length)	L (O.A.L)	t1	t2	d	d1	Unit Price
MC4-15	4-15	25	2	8	8	12	
MC4-32	4-32	42					
MC5-27	5-27	38	4	7	11.3	13.5	
MC5-69	5-69	80					
MC6-37	6-37	51	2	12	10	16	
MC6-62	6-62	76					
MC6-87	6-87	101					
MC8-45	8-44.5	63	3.5	15	12.5	19	
MC8-75	8-74.5	93					
MC8-105	8-104.5	123					
MC10-59	10-59	85	6	20	16	24	
MC12-66	12-66	100	9	25	22	32	

Part Number	M-ℓ (Thread Effective Length)	L (O.A.L)	t1	t2	d	d1	Unit Price
MCS4-15	4-15	25	2	8	8	12	
MCS4-32	4-32	42					
MCS6-37	6-37	51		12	10	16	
MCS8-45	8-44.5	63	3.5	15	12.5	19	

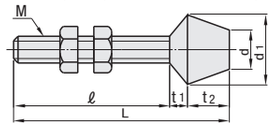
Tips (Standard)

(Urethane)

RoHS10

Type	Tip Material	Tip Hardness	Bolt Material	Bolt Surface Treatment
TGUB	Urethane*	Shore A90	Steel	Trivalent Chromate

* Excellent in abrasion resistance compared to NBR.
* Gate marks from casting remain in urethane portion. (No adverse effect on actual use)

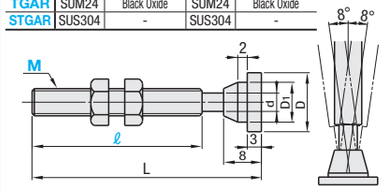


Part Number Type	M-ℓ	L	t1	t2	d	d1	Unit Price TGUB
TGUB	4-13	23	2	8	8	12	
	4-32	42					
	6-37	51		12	10	16	
	6-87	101					
	8-49	67	5	13	12	19	
	8-105	123					

Tips (Universal)

RoHS10

Part Number	Tip Material	Tip Surface Treatment	Bolt Material	Bolt Surface Treatment
TGAR	SUM24	Black Oxide	SUM24	Black Oxide
STGAR	SUS304	-	SUS304	-

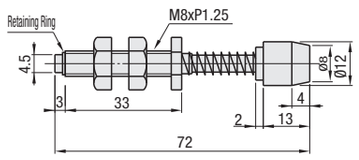


Part Number Type	M-ℓ	L	D	D1	d	Unit Price TGAR	Unit Price STGAR
TGAR STGAR	4-13	23	13	7	2.2		
	4-32	42					
	6-37	51		9	3.2		
	8-49	67	16	11	5.2		

Tips (Rubber Bolt with Springs)

RoHS10

Part Number	Tip Material	Tip Hardness	Bolt Material	Bolt Surface Treatment	Spring Material
TGSP	NBR (Nitrile Rubber)	Shore A70	SS400	Black Oxide	SUS304-WPB
STGSP	NBR (Nitrile Rubber)	Shore A70	SUSXM-7	-	SUS304-WPB

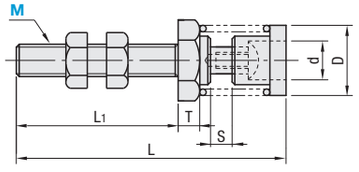


Part Number	Max. Stroke	Load N (kgf)	Unit Price TGSP	Unit Price STGSP
TGSP STGSP	4	30 (3)		

Tips (Rubber Bolt with Spring and Resin Pad)

RoHS10

Part Number	Pad Material	Bolt Material	Bolt Surface Treatment	Spring Material
TGSPM	Polyacetal (White)	S45C	Black Oxide	SUS304-WPB



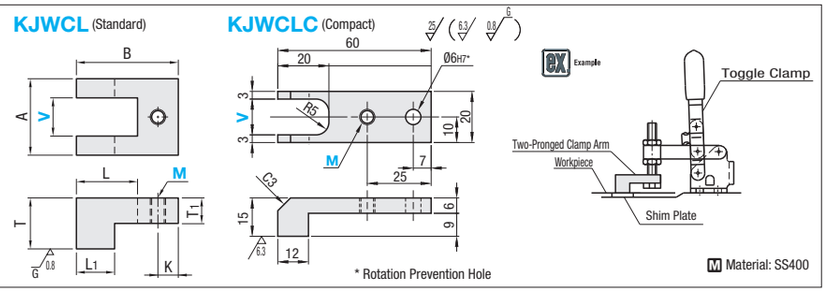
Part Number Type	M	S (Stroke)	min. Load (N)	max. Load (N)	Unit Price
TGSPM	4	3	19.4	29.1	
	6	4	21.8	30.5	
	8	8	18.8	32.4	

M	L	L1	T	D	d
4	34.5	20	2	12	5.6
6	50	30	4	13	7.2
8	60	30	5	14	7.8

Ordering Example

Part Number
MC4-32
MCS6-37

Two-Pronged Clamp Arms

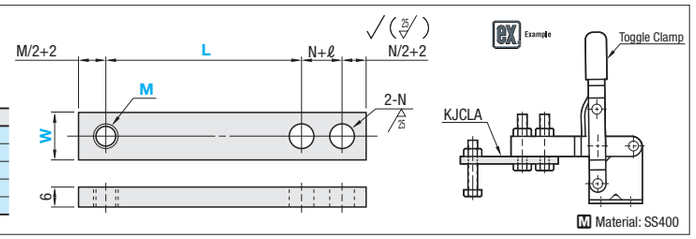


Part Number Type	V	M Selection	A	B	L	L1	K	T	T1	Unit Price
KJWCL	10	4 6	20	30	18	10	6	15	7	
	15	6 8	30	40	24	15	8	20	10	
	20	8 10	40	50	30	20	10	25	12	
KJWCLC	14	4 6 8	(Described in the Drawing)							

Clamp Arm Extension Kits

RoHS10

M	N	ℓ
4	4.5	10
5	5.5	10
6	6.5	12
8	9	15
10	11	18

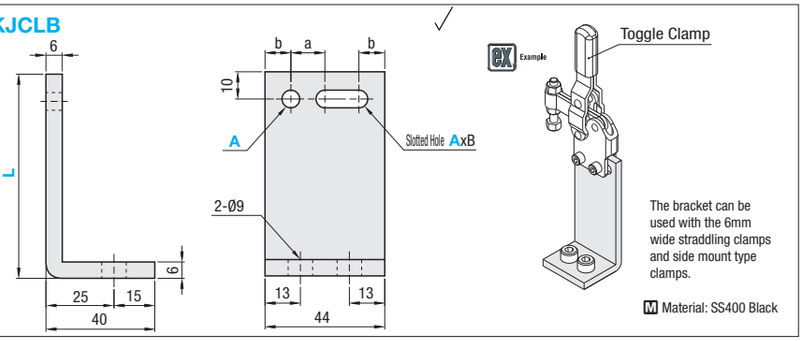


Part Number Type	W	L Selection	M Selection	Unit Price L10	L20	L30	L40	L50	L60
KJCLA	10	10* 20 30 40 50 60	4 5 6						
	16		8 10	-					

* M6, 8 or 10 is not selectable for L10. (due to an interference with the holes or the mounted bolt nuts)

Clamp Brackets

RoHS10



Part Number Type	No.	L Selection	Hole Dia. A Selection	Hole Dia. B	Hole Pitch a	Hole Pitch b	Unit Price L50	L75	L100	L125	L150
KJCLB	6	50 75 100 125 150	6.5	19	13.5	9	480	550	660	750	860
			8.5	21	12.5	9.5					

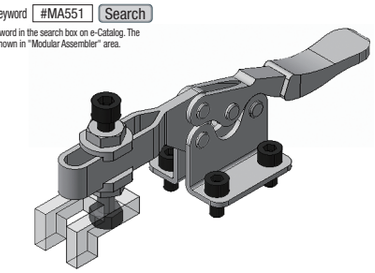
Ordering Example

Part Number	-	L	-	M	-	A
KJWCLC14			-	6		
KJCLA10	-	L60	-	M6		
KJCLB6	-	L100			-	A6.5

ex Example
Combination of these app. examples can be selected on our website.
Selection Procedure Details P.87

e-Catalog Search Keyword #MA551 Search

* Enter the search keyword in the search box on e-Catalog. The search result will be shown in "Modular Assembler" area.



Alterations

Part Number	-	L	-	M	-	A	-	(STC)
KJCLA10	-	L60	-	M6			-	STC

Express Service is not available.

Alterations	Code	Spec.
Additional Surface Treatment	STC	Adds black oxide surface treatment.