

Shock Absorbers

-Wide Adjustable-



CAD Data Folder Name: 34_Springs

When ordering, select Part Number and Values from Selection Steps ①~③.

Ordering Example: Part Number (①Type-②No.) - ③Velocity
MAWC0500 - **W**

Part Number | Material | Surface Treatment | Accessory

MAWC (Cap)	SUM	Urethane	Electroless Nickel Plating	Hex Wrench
MAWS (No Cap)	-	-	-	-

(No. 1251-1252)

(No. 0100-0150-0250, 0350-0500-1000)

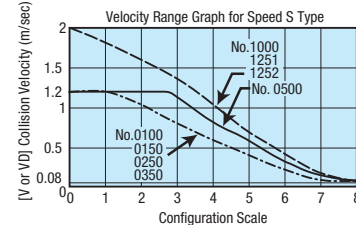
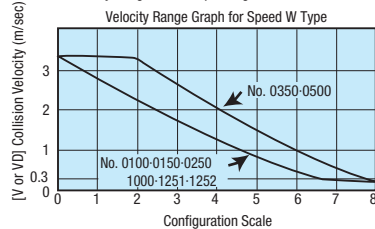
Impact force can be easily adjusted by turning the adjusting knob on the bottom.
 Lock Screw is on the body side for No.1000 Type.

Part Number	Thread Dia. M	Stroke S	Max. Absorbed Energy (E) per Impact (J)	Max. Equivalent Mass (me) (kg)	Piston Rod Return Force (Max) (N)	Max. Drag Value (N)	L (L)	L ₁	L ₂	L ₃	t	B (Wrench Flats Deg)	T	d	D ₁	D ₂	W	W ₁	
MAWC (Cap)	M10 x 1.0	7	3.8	206.7	90	4.3	880	67 (57)	38	11	1.0	10.0	16.2 (14.0)	3.2	-	-	-	-	
		10	5.5	310.0	80	7.5	950	92 (82)	58	14	-	10.0	19.6 (17.0)	5	-	-	-	9.7	
	M14 x 1.5	10	5.9	331.7	88	7.5	960	92 (82)	58	14	-	10.0	19.6 (17.0)	5	11.2	11	-	-	
		12	16.6	555.0	264	9.8	1960	111 (101)	73	15	1.0	10.0	21.9 (19.0)	6	11.2	12	-	12.7	
MAWS (No Cap)	M16 x 1.5	12	29.4	533.3	348	12.0	3440	110 (96)	67	17	2.0	12.0	27.7 (24.0)	7	12.7	4.8	16	18	
		25	74.0	1166.7	1020	26.0	4440	143 (130)	90	14	1.0	13.0	37.0 (32.0)	8	16.0	6.4	22	23	
	M36 x 1.5	25	192.0	1516.7	3300	89.0	11120	155 (150)	83	-	-	5.0	47.3 (41.0)	10	30.5	9.5	28	33	16
		50	384.0	1850.0	6613	1360	-	-	124	-	-	5.0	-	-	-	-	-	-	-

L dimension values in () are for MAWS.

Collision Velocity Type	Collision Velocity Range	Max. Operating Cycle	Operating Ambient Temperature	Max. Operating Cycle
Ultra Low Speed S	Per Unit Use 0.08~2.0m/s Parallel Use 0.3~2.0m/s	60 cycles/min* However, No. 1251/1252 are 30 cycles/min	-10 ~ 80°C	1 Million Times
Medium and High Speed W	Per Unit Use 0.3~3.3m/s Parallel Use 0.8~3.3m/s			

* Collision Velocity Range varies depending on No.



Days to Ship **3** Days*

* for orders placed by THA: 12:30, SGP&MYS: 13:30 P.75

Order Quantity	Standard Service	Non-Standard Service
Quantity	Regular Quantity	Large Quantity
Days to ship	1~30	31~
	Standard	To be quoted

Stopper Nuts for Shock Absorbers

Shock Absorbers -Economy Type-



CAD Data Folder Name: 34_Springs

Ordering Example: Part Number (Type-No.)
STNSW12

Stopper Nuts for Shock Absorbers **STNSW** (For Wide Adjustable Type)

Material: S45C
 Surface Treatment: Electroless Nickel Plating

Part Number	Type	No.	L	(C)	B	M
STNSW (For Wide Adjustable Type)		10	19	16.2	14	M10x1.0
		12	19	19.6	17	M12x1.0
		14	25	19.6	17	M14x1.5
		16	25	21.9	19	M16x1.5
		20	38	27.7	24	M20x1.5
		25	45	37.0	32	M25x1.5
		36	64	47.3	41	M36x1.5

Can be used for both Cap Type and No Cap Type of Wide Adjustable Type Shock Absorbers.

Days to Ship **3** Days*

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Order Quantity	Standard Service	Non-Standard Service
Quantity	Regular Quantity	Large Quantity
Days to ship	1~20	21~
	Standard	To be quoted

Ordering Example: Part Number (Type-No.)
EMACN1212B

Shock Absorbers Economy Type **EMACN**

Parts	Material	Surface Treatment
Main Body	PPS	-
Cap	POM	-
Piston Rod	C3604	Electroless Nickel Plating

Part Number	Type	No.	Cap Color	Thread Dia. M	Stroke S	Max. Absorbed Energy (E) Per Impact (J)	Max. Absorbed Energy (E) Per Minute (J)	Max. Equivalent Mass (me) (kg)	Piston Rod Return Force (N)	Max. Drag Value (N)	Collision Velocity Range	Operating Ambient Temperature	Replacement Interval	Max. Tightening Torque
EMACN		1212A	White	M12x1	12	0.29	14.7	1.5	2.45	245	0.3~1.0m/s	-10~50°C	500,000 Times	1.5N/m When shouldering to Ø14.6, tighten up at 1.0N/m.
		1212B	Black											
		1212C	Yellow			5								
		1212D	Green											
		1212E	Red											
					1	5	7.5	294	294	0.1~0.7m/s				
								10			0.1~0.5m/s			

Days to Ship **3** Days*

* for orders placed by THA: 12:30,SGP&MYS: 13:30 P.75

Order Quantity	Standard Service	Non-Standard Service
Quantity	Regular Quantity	Large Quantity
Days to ship	1~30	31~
	Standard	To be quoted