



Enidine Adjustable Hydraulic Series shock absorbers offer the most flexible solutions to energy absorption application requirements when input parameters vary or are not clearly defined.

By simply turning an adjustment knob, the damping force can be changed to accommodate a wide range of conditions. Enidine offers the broadest range of adjustable shock absorbers and mounting accessories in the marketplace today.

The Enidine **OEMXT Series** provides a low profile adjustment knob offered in imperial or metric thread configurations with stroke lengths of 1 to 6 inches. For drop-in competitive interchange. **Low Range (LROEMXT) Series** products are also available to control velocities as low as 3 in./sec. and propelling forces as high as 4,000 lbs. OEMXT and OEM Large Series shock absorbers are fully field repairable.

Features and Benefits

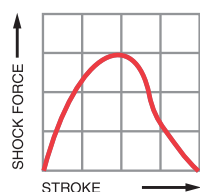
- Adjustable design lets you “fine-tune” your desired damping and lock the numbered adjustment setting.
- Internal orifice design provides deceleration with the most efficient damping characteristics, resulting in the lowest reaction forces in the industry.
- Threaded cylinders provide mounting flexibility and increased surface area for improved heat dissipation.
- Incorporated optional fluids and seal packages can expand the standard operating temperature range from (15°F to 180°F) to (-30°F to 210°F).
- ISO quality standards result in reliable, long-life operation.
- Operational parameters can be expanded through the use of Enidine’s Low Range and High Performance products.
- Fully field repairable units are available in mid-bore and larger bore product ranges.
- Custom orificed non-adjustable units (CBOEM) can be engineered to meet specific application requirements.
- A select variety of surface finishes maintains original quality appearance and provides the longest corrosion resistance protection.

Adjustable Series Hydraulic Shock Absorbers

OEM Series

Overview

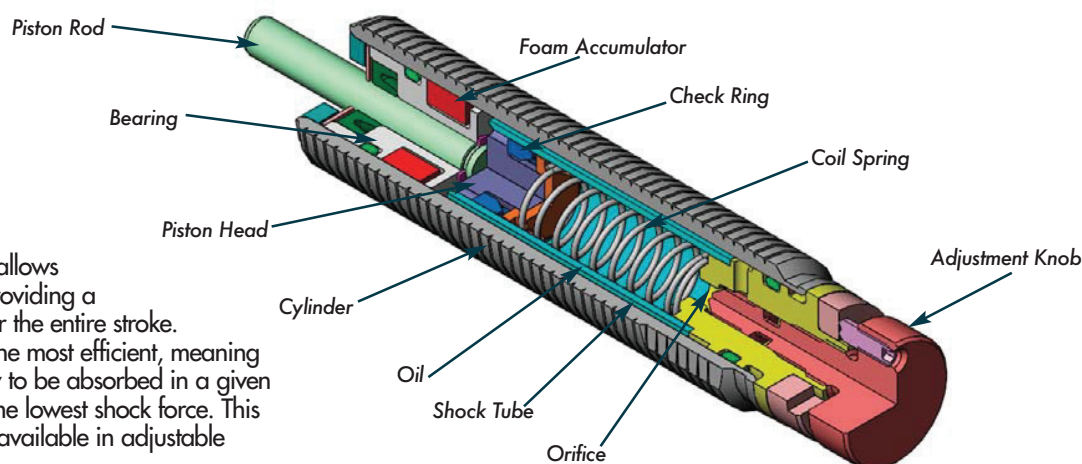
Enidine Adjustable Single Orifice Shock Absorbers



Conventional damping allows linear deceleration by providing a constant shock force over the entire stroke. This standard design is the most efficient, meaning it allows the most energy to be absorbed in a given stroke, while providing the lowest shock force. This type of damping is also available in adjustable shock absorbers.

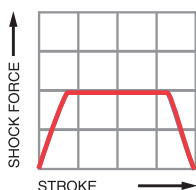
The damping force of an Enidine single orifice shock absorber can be changed by turning the adjustment knob. Maximum damping force is achieved by turning the adjustment knob to eight (8), while minimum damping force is achieved by turning the adjustment knob to zero (0). Turning the adjustment knob causes the adjustment ball to increase or decrease the clearance (orifice area) between the ball and its seat, depending on rotation direction.

The internal structure of an adjustable single orifice shock absorber is shown above. When force is applied to the piston rod, the check ball is seated and the valve remains closed.



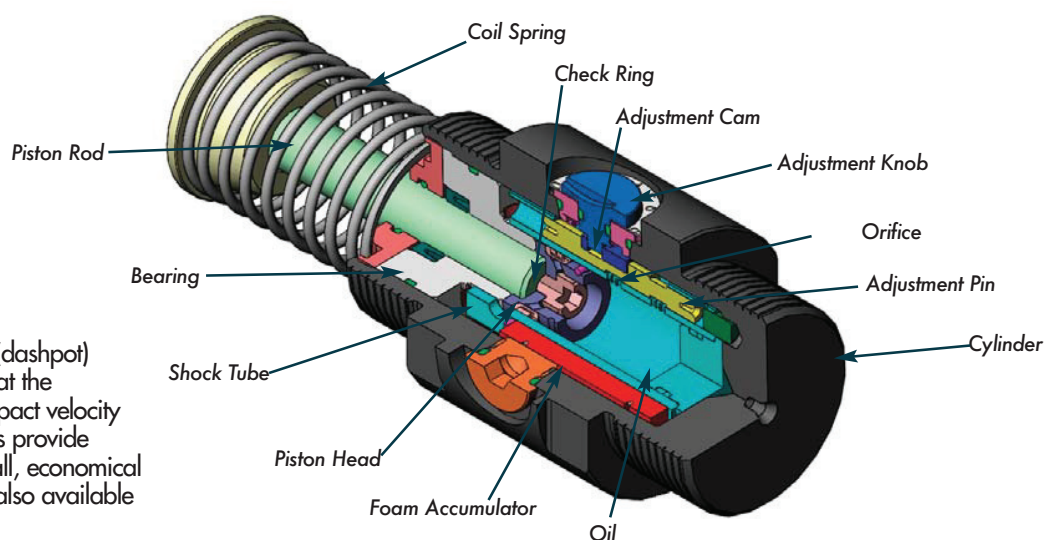
Oil is forced out of the high pressure shock tube chamber through the orifice, creating internal pressure allowing smooth, controlled deceleration of the moving load. When the load is removed, the compressed coil spring moves to reposition the piston head, the check ball unseats, opening the valve that permits rapid piston rod return to the original extended position. The closed cellular foam accumulator compensates for fluid displaced by the piston rod during compression and extension. Without the fluid displacement volume provided by the foam accumulator, the closed system would be hydraulically locked. This type of orifice design results in .

Enidine Adjustable Multiple Orifice Shock Absorbers



Constant orifice area damping (dashpot) provides the largest shock when impact velocity is highest. These shock absorbers provide high-energy absorption in a small, economical design. This type of damping is also available in adjustable shock absorbers.

The adjustable multiple orifice shock absorber is similar to the principles described earlier. The check ring replaces the check ball and the adjustment feature uses an adjustment pin instead of an adjustment ball. The damping force of the shock absorber can be changed by turning the adjustment knob. Maximum damping force is achieved by turning the adjustment knob to eight (8), while minimum damping force is achieved by turning the adjustment knob to zero (0).



Turning the adjustment knob rotates the adjustment cam within the shock absorber. The cam, in turn, moves the adjustment pin in the shock tube, closing or opening the orifice holes. By closing the orifice holes, the total orifice area of the shock absorber is reduced, thus increasing the damping force of the shock absorber. The adjustable shock absorber enables the user to change the damping force of the unit, should input conditions change, while still maintaining a conventional-type damping curve. Low velocity range (LR) series configurations are available for controlling velocities that fall below the standard adjustable range.

Adjustable Series Hydraulic Shock Absorbers

OEM Series

After properly sizing the shock absorber, the useable range of adjustment settings for the application can be determined:

1. Locate the intersection point of the application's impact velocity and the selected model graph line.
2. The intersection is the **maximum** adjustment setting to be used. Adjustments exceeding this maximum suggested setting could overload the shock absorber.
3. The useable adjustment setting range is from the 0 setting to the **maximum** adjustment setting as determined in step 2.

Adjustment Techniques

Example: OEM 1.25 x 1

1. Impact Velocity: 40 in./sec.
2. Intersection Point: Adjustment Setting 5
3. Useable Adjustment: Setting Range 0 to 5

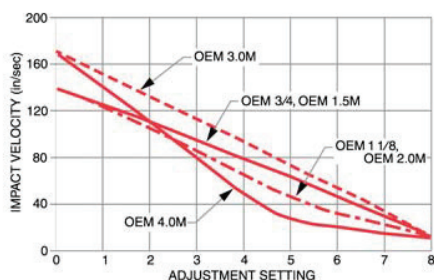
Example: (LR)OEMXT 1 1/8 x 2

1. Impact Velocity: 20 in./sec.
2. Intersection Point: Adjustment Setting 3
3. Useable Adjustment: Setting Range 0 to 3

Useable Adjustment Setting Range

Position 0 provides minimum damping force.
Position 8 provides maximum damping force.

OEMXT Large

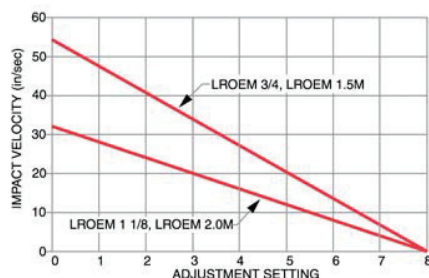


180° adjustment with setscrew locking.
OEMXT 3.0M - OEM 4.0M



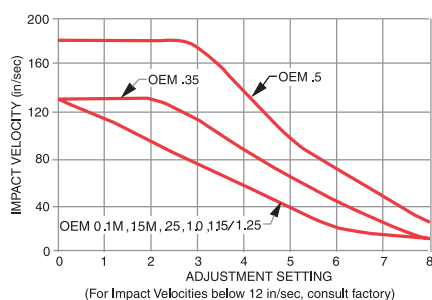
360° adjustment with setscrew locking.
OEMXT 3/4 and OEMXT 1 1/8
OEMXT 1.5M and OEMXT 2.0M

(LR)OEMXT Large



360° adjustment with setscrew locking
(LR)OEMXT 3/4 and (LR)OEMXT 1 1/8
(LR)OEMXT 1.5M and (LR)OEMXT 2.0M

Platinum OEM Small Series

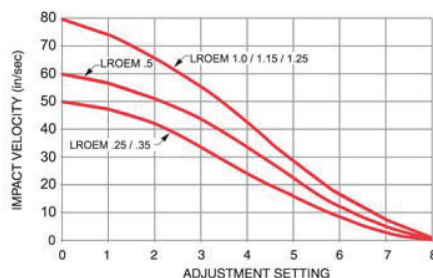


180° adjustment with setscrew locking
OEM 0.1M - OEM .5



360° adjustment with setscrew locking
OEM 1.0

Platinum (LR)OEM Small Series



180° adjustment with setscrew locking
(LR)OEM 0.15M - (LR)OEM .5



360° adjustment with setscrew locking
(LR)OEM 1.0

Adjustable Series Hydraulic Shock Absorbers

OEM Series

OEM
XT

Ordering Information/Application Worksheet

Shock Absorbers

10

Select
quantity

OEM 1.0

Select catalog number:
• OEM, HP (Adjustable)
• LROEM (Low range adjustable)
• CBOEM (Non-adjustable)
• AOEM/LRAOEM (Adjustable
and low range adjustable
air/oil return)
• CBAOEM (Non-adjustable
air/oil return)

B

Select piston rod type:
• " " (No button)
• "B" (Button model, OEM 0.1M,
.25, .35, .5 and 1.0 only)
• "CM" (Cleviss Mount)
• "CMS" (Cleviss Mount with Spring)

Application Data

Required for Engineered CBOEM and
CBAOEM models only:
• Vertical or Horizontal motion
• Weight
• Impact velocity
• Propelling force (if any)
• Other (temperature or other environmental
conditions)
• Cycles per hour

Shock Absorber Accessories

Example 1

10

Select
quantity

LROEM 1³/₄-12 Lock Ring
(P/N F8E2940049)

Select catalog or part number

Example 2

5

Select
quantity

UC 2940 Urethane Striker Cap
(P/N C92940079)

Select catalog or part number

Application Worksheet

FAX NO.: _____

DATE: _____

ATTN: _____

COMPANY: _____

The Enidine Application Worksheet makes shock absorber
sizing and selection easier.

Fax, phone, or mail worksheet data to Enidine headquarters
or your nearest Enidine subsidiary/affiliate or distributor.
(See catalog back cover for Enidine locations, or visit
www.enidine.com for a list of Enidine distributors.)

Upon Enidine's receipt of this worksheet, you will receive
a detailed analysis of your application and product
recommendations. (For custom design projects, Enidine
representatives will consult with you for specification
requirements.)

GENERAL INFORMATION

CONTACT: _____

DEPT/TITLE: _____

COMPANY: _____

ADDRESS: _____

TEL: _____ FAX: _____

EMAIL: _____

PRODUCTS MANUFACTURED: _____

APPLICATION DESCRIPTION

Motion Direction (Check One):

☐ Horizontal ☐ Vertical ☐ Up ☐ Incline Angle _____
☐ Down ☐ Down Height _____

☐ Rotary Horizontal ☐ Rotary Vertical ☐ Up
☐ Down

Weight (Min./Max.): _____ (lbs.)(Kg)

Cycle Rate _____ (cycles/hour)

Additional Propelling Force (If Known) _____ (lbs.)(N)

☐ Air Cyl: Bore _____ (in.)(mm) Max. Pressure _____ (psi)(bar) Rod Dia. _____ (in.)(mm)

☐ Hydraulic Cyl: Bore _____ (in.)(mm) Max. Pressure _____ (psi)(bar)
Rod Dia. _____ (in.)(mm)

☐ Motor _____ (hp)(kW) Torque _____ (in-lbs.)(Nm)

Ambient Temp. _____ °F (°C)

Environmental Considerations: _____

SHOCK ABSORBER APPLICATION

(All Data Taken at Shock Absorber)

Number of Shock Absorbers to Stop Load

Impact Velocity (min./max.) _____ (in./sec.)(m/sec.)

Shock Absorber Stroke Requirements: _____ (in.)(mm)

G Load Requirements _____ (G)(m/sec²)

RATE CONTROL APPLICATION

(All Data Taken at Rate Control)

Number of Rate Controls to Control the Load _____

Control Direction: ☐ Tension (T) ☐ Compression (C)

Required Stroke: _____ (in.)(mm) Est. Stroke Time _____ (sec.)

Estimated Velocity at the Rate Control _____ (in./sec.)(m/sec)

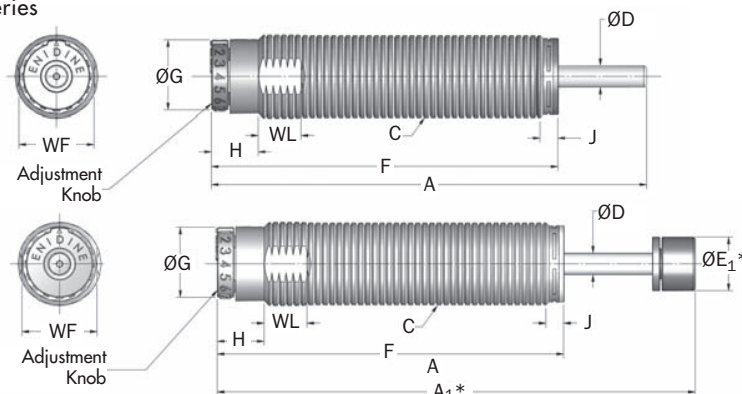
Adjustable Series Hydraulic Shock Absorbers

OEM Small Bore Series

Technical Data

OEM 0.1M → (LR)OEM 1.0 Series

Standard



*Note: A₁ and E₁ apply to button models.

Catalog No./Model	(S) Stroke in. (mm)	Optimal Velocity Range in./sec. (m/s)	(E _T) Max. in.-lbs./cycle (Nm/cycle)	(E _T C) Max. in.-lbs./hour (Nm/h)	(F _p) Max. Reaction Force lbs. (N)	Nominal Coil Spring Force		(F _p) Max. Propelling Force lbs. (N)	Model Weight (mass) oz (g)
						Extended lbs. (N)	Compressed lbs. (N)		
OEM .1M (B)	0.28 (7,0)	12-130 (0,3-3,30)	50 (6,0)	110,000 (12 400)	275 (1 220)	0.5 (2,2)	1.0 (4,5)	80 (350)	1 (28)
OEM .15M (B)	0.38 (10,0)	12-130 (0,3-3,30)	50 (6,0)	168,000 (19 000)	200 (890)	0.8 (3,5)	1.7 (7,5)	80 (350)	2 (56)
OEM .25 (B)	0.38 (10,0)	12-130 (0,3-3,30)	50 (6,0)	178,000 (20 000)	200 (890)	0.8 (3,5)	1.7 (7,5)	80 (350)	2 (56)
OEM .25M (B)	0.38 (10,0)	12-130 (0,3-3,30)	50 (6,0)	178,000 (20 000)	200 (890)	0.8 (3,5)	1.7 (7,5)	80 (350)	2 (56)
LROEM .25 (B)	0.38 (10,0)	3-50 (0,08-1,30)	50 (6,0)	178,000 (20 000)	200 (890)	0.8 (3,5)	1.7 (7,5)	100 (440)	2 (56)
LROEM .25M (B)	0.38 (10,0)	3-50 (0,08-1,30)	50 (6,0)	178,000 (20 000)	200 (890)	0.8 (3,5)	1.7 (7,5)	100 (440)	2 (56)
OEM .35 (B)	0.50 (12,7)	12-130 (0,3-3,30)	150 (17,0)	300,000 (34 000)	450 (2 000)	1.0 (4,5)	2.2 (9,8)	120 (530)	3 (85)
OEM .35M (B)	0.50 (12,7)	12-130 (0,3-3,30)	150 (17,0)	300,000 (34 000)	450 (2 000)	1.0 (4,5)	2.2 (9,8)	120 (530)	3 (85)
LROEM .35 (B)	0.50 (12,7)	3-50 (0,08-1,30)	150 (17,0)	300,000 (34 000)	450 (2 000)	1.0 (4,5)	2.2 (9,8)	200 (890)	3 (85)
LROEM .35M (B)	0.50 (12,7)	3-50 (0,08-1,30)	150 (17,0)	300,000 (34 000)	450 (2 000)	1.0 (4,5)	2.2 (9,8)	200 (890)	3 (85)
OEM .5 (B)	0.50 (12,0)	12-180 (0,3-4,50)	250 (28,0)	284,000 (32 000)	775 (3 500)	1.3 (5,8)	2.8 (12,4)	150 (670)	5 (141)
OEM .5M (B)	0.50 (12,0)	12-180 (0,3-4,50)	250 (28,0)	284,000 (32 000)	775 (3 500)	1.3 (5,8)	2.8 (12,4)	150 (670)	5 (141)
LROEM .5 (B)	0.50 (12,0)	3-50 (0,08-1,30)	250 (28,0)	284,000 (32 000)	775 (3 500)	2.0 (8,9)	3.8 (17,0)	250 (1 120)	5 (141)
LROEM .5M (B)	0.50 (12,0)	3-50 (0,08-1,30)	250 (28,0)	284,000 (32 000)	775 (3 500)	2.0 (8,9)	3.8 (17,0)	250 (1 120)	5 (141)
OEM 1.0 (B)	1.00 (25,0)	12-130 (0,3-3,30)	650 (74,0)	622,000 (70 000)	1,000 (4 400)	3.0 (13,0)	6.0 (26,0)	300 (1 330)	10 (285)
OEM 1.0M (B)	1.00 (25,0)	12-130 (0,3-3,30)	650 (74,0)	622,000 (70 000)	1,000 (4 400)	3.0 (13,0)	6.0 (26,0)	300 (1 330)	10 (285)
OEM 1.0MF (B)	1.00 (25,0)	12-130 (0,3-3,30)	650 (74,0)	622,000 (70 000)	1,000 (4 400)	3.0 (13,0)	6.0 (26,0)	300 (1 330)	10 (285)
LROEM 1.0 (B)	1.00 (25,0)	3-50 (0,08-1,30)	650 (74,0)	622,000 (70 000)	1,000 (4 400)	3.0 (13,0)	6.0 (27,0)	450 (2 016)	10 (285)
LROEM 1.0M (B)	1.00 (25,0)	3-50 (0,08-1,30)	650 (74,0)	622,000 (70 000)	1,000 (4 400)	3.0 (13,0)	6.0 (27,0)	450 (2 016)	10 (285)
LROEM 1.0MF (B)	1.00 (25,0)	3-50 (0,08-1,30)	650 (74,0)	622,000 (70 000)	1,000 (4 400)	3.0 (13,0)	6.0 (27,0)	450 (2 016)	10 (285)

Catalog No./Model	A in. (mm)	A ₁ in. (mm)	C in. (mm)	D in. (mm)	E ₁ in. (mm)	F in. (mm)	G in. (mm)	H in. (mm)	J in. (mm)	WF in. (mm)	WL in. (mm)
OEM 0.1M (B)	2.25 (57,0)	2.63 (67,0)	M10 x 1,0	.12 (3,0)	0.34 (8,6)	1.95 (49,4)	.34 (8,6)	.40 (10,2)	—	—	—
OEM .15M (B)	3.22 (81,8)	3.61 (91,7)	M12 x 1,0	.13 (3,3)	0.34 (8,6)	2.81 (71,4)	.43 (10,9)	.56 (14,2)	—	.43 (11,0)	.38 (9,7)
(LR)OEM .25 (B)	3.22 (81,8)	3.59 (91,2)	½-20 UNF	.13 (3,3)	0.44 (11,2)	2.81 (71,4)	.43 (10,9)	.56 (14,2)	—	.44 (12,0)	.50 (12,7)
(LR)OEM .25M (B)	3.22 (81,8)	3.59 (91,2)	M14 x 1,5	.13 (3,3)	0.44 (11,2)	2.81 (71,4)	.43 (10,9)	.56 (14,2)	—	.44 (12,0)	.50 (12,7)
(LR)OEM .35 (B)	3.96 (100,6)	4.36 (110,7)	¾-18 UNF	.16 (4,0)	0.44 (11,2)	3.44 (87,4)	.44 (11,2)	.57 (14,5)	.02 (0,5)	.50 (14,0)	.50 (12,7)
(LR)OEM .35M (B)	3.96 (100,6)	4.36 (110,7)	M16 x 1,5	.16 (4,0)	0.44 (11,2)	3.44 (87,4)	.44 (11,2)	.57 (14,5)	.02 (0,5)	.50 (14,0)	.50 (12,7)
(LR)OEM .5 (B)	3.88 (98,6)	4.35 (110,5)	¾-16 UNF	.19 (4,8)	0.50 (12,7)	3.31 (84,1)	.63 (16,0)	.67 (17,0)	—	.68 (18,0)	.50 (12,7)
(LR)OEM .5M (B)	3.88 (98,6)	4.35 (110,5)	M20 x 1,5	.19 (4,8)	0.50 (12,7)	3.31 (84,1)	.63 (16,0)	.67 (17,0)	—	.68 (18,0)	.50 (12,7)
(LR)OEM 1.0 (B)	5.12 (130,0)	5.62 (142,7)	1-12 UNF	.25 (6,4)	0.62 (15,7)	4.09 (104,0)	.87 (22,0)	.55 (14,0)	.18 (4,6)	.88 (23,0)	.50 (12,7)
(LR)OEM 1.0M (B)	5.12 (130,0)	5.62 (142,7)	M27 x 3,0	.25 (6,4)	0.62 (15,7)	4.09 (104,0)	.87 (22,0)	.55 (14,0)	.18 (4,6)	.88 (23,0)	.50 (12,7)
(LR)OEM 1.0MF (B)	5.12 (130,0)	5.62 (142,7)	M25 x 1,5	.25 (6,4)	0.62 (15,7)	4.09 (104,0)	.87 (22,0)	.55 (14,0)	.18 (4,6)	.88 (23,0)	.50 (12,7)

Notes: 1. All shock absorbers will function satisfactorily at 5% of their maximum rated energy per cycle. If less than 5%, a smaller model should be specified.

2. For mounting accessories, see pages 22-23.

3. (B) indicates button model of shock absorber. Buttons cannot be added to non-button models or removed from button models OEM .1M to OEM 1.0M.

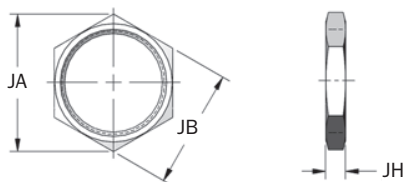
Adjustable Series Hydraulic Shock Absorbers

OEM Small Bore Series

OEM

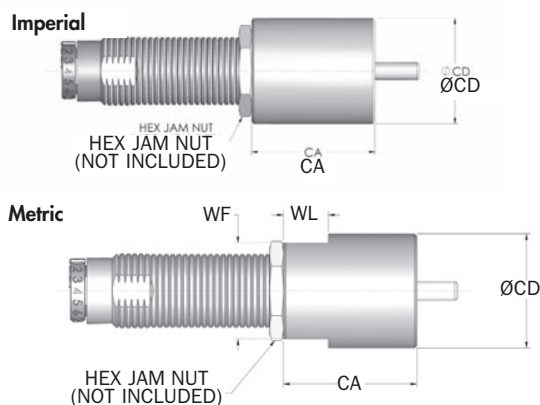
OEM 0.1M → (LR)OEM 1.0 Series

Jam Nut (JN)



Catalog No./Model	Part Number	Model (Ref)	JA in. (mm)	JB in. (mm)	JH in. (mm)	Weight (mass) oz. (g)
JN M10 x 1	J24421035	OEM 0.1M (B)	0.59 (15,0)	0.51 (13,0)	.13 (3,2)	0.1 (2)
JN M12 x 1	J25588035	OEM .15M (B)	0.68 (17,0)	0.59 (15,0)	.16 (4,0)	0.1 (2)
JN 1/2 - 20	J13935034	(LR)OEM .25 (B)	0.72 (19,7)	0.63 (17,0)	.12 (4,0)	0.1 (3)
JN M14 x 1,5	J23935035	(LR)OEM .25M (B)	1.01 (25,4)	0.88 (22,0)	.31 (8,0)	0.6 (15)
JN 3/16 - 18	J14950034	(LR)OEM .35 (B)	1.01 (25,4)	0.88 (22,0)	.31 (8,0)	0.6 (15)
JN M16 x 1,5	J230844167	(LR)OEM .35M (B)	1.08 (27,7)	0.94 (24,0)	.18 (4,6)	0.3 (9)
JN 3/4 - 16	J12646034	(LR)OEM .5 (B)	1.30 (33,0)	1.13 (28,0)	.18 (4,6)	0.5 (12)
JN M20 x 1,5	J22646035	(LR)OEM .5M (B)	1.30 (33,0)	1.13 (28,0)	.18 (4,6)	0.5 (12)
JN 1-12	J11976034	(LR)OEM 1.0 (B)	1.30 (33,0)	1.13 (28,0)	.18 (4,6)	0.5 (12)
JN M27 x 3	J22587035	(LR)OEM 1.0M (B)	1.30 (33,0)	1.13 (28,0)	.18 (4,6)	0.5 (12)
JN M25 x 1,5	J23004035	(LR)OEM 1.0MF (B)	1.30 (33,0)	1.13 (28,0)	.18 (4,6)	0.5 (12)

Stop Collar (SC)

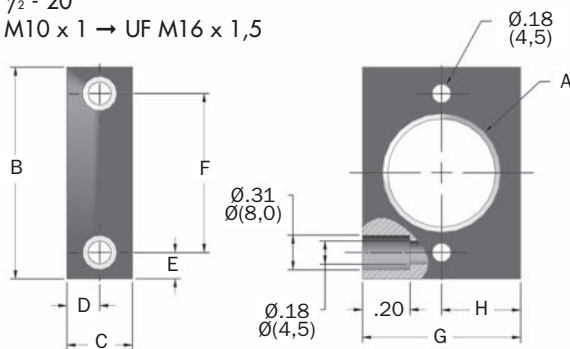


Catalog No./Model	Part Number	Model (Ref)	CA in. (mm)	CD in. (mm)	WF in. (mm)	WL in. (mm)	Weight (mass) oz. (g)
ΔSC M10 x 1	M98921058	OEM 0.1M (B)	0.75 (19,0)	0.63 (16,0)	—	—	0.5 (11)
ΔSC M12 x 1	M95588058	OEM 0.15M (B)	0.75 (19,0)	0.63 (16,0)	—	—	0.5 (11)
ΔSC 1/2 - 20	M930289171	(LR)OEM .25 (B)	1.00 (25,4)	0.75 (19,0)	—	—	1.0 (23)
ΔSC M14 x 1,5	M93935057	(LR)OEM .25M (B)	1.00 (25,4)	0.69 (17,0)	—	—	1.0 (23)
ΔSC 3/16 - 18	M94950199	(LR)OEM .35 (B)	1.00 (25,4)	0.69 (17,0)	—	—	1.0 (23)
ΔSC M16 x 1,5	M99018199	(LR)OEM .35M (B)	1.50 (38,0)	1.00 (25,4)	—	—	2.0 (45)
ΔSC 3/4 - 16	M92646057	(LR)OEM .5 (B)	1.50 (38,0)	1.00 (25,4)	—	—	2.0 (45)
ΔSC M20 x 1,5	M930282171	(LR)OEM .5M (B)	1.75 (44,0)	1.50 (38,0)	—	—	8.0 (180)
ΔSC 1-12 x 1	M92587057	(LR)OEM 1.0 (B)	1.75 (44,0)	1.50 (38,0)	—	—	8.0 (180)
ΔSC M27 x 3	M930283171	(LR)OEM 1.0M (B)	1.75 (44,0)	1.50 (38,0)	—	—	8.0 (180)
ΔSC M25 x 1,5	M930284171	(LR)OEM 1.0MF (B)	1.75 (44,0)	1.50 (38,0)	—	—	8.0 (180)

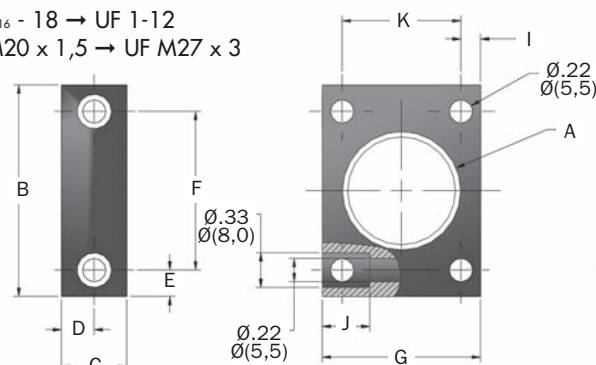
Notes: 1. *Do not use with urethane striker cap. 2. Δ= Non-standard lead time items, contact Enidine.

Universal Retaining Flange (Small Bore) (UF)

UF 1/2 - 20
UF M10 x 1 → UF M16 x 1,5



UF 3/16 - 18 → UF 1-12
UF M20 x 1,5 → UF M27 x 3



Catalog No./Model	Part Number	Model (Ref)	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F in. (mm)	G in. (mm)	H in. (mm)	I in. (mm)	J in. (mm)	K in. (mm)
ΔUF M10 x 1	U16363189	OEM 0.1M(B)	M10 x 1 (38,0)	1.50 (38,0)	.47 (12,0)	.24 (6,0)	.25 (6,25)	1.00 (25,5)	0.98 (25,0)	0.49 (12,5)	—	.20 (5)	—
ΔUF M12 x 1	U15588189	OEM .15M(B)	M12 x 1 (38,0)	1.50 (38,0)	.47 (12,0)	.24 (6,0)	.25 (6,25)	1.00 (25,5)	0.98 (25,0)	0.49 (12,5)	—	.20 (5)	—
ΔUF 1/2 - 20	U13935095	(LR)OEM .25(B)	1/2 - 20 UNF (45,0)	1.50 (38,0)	.56 (14,0)	.28 (7,0)	.25 (6,25)	1.00 (25,5)	1.00 (25,5)	0.50 (12,5)	—	.20 (5)	—
ΔUF M14 x 1,5	U13935143	(LR)OEM .25M (B)	M14 x 1,5 (45,0)	1.50 (38,0)	.62 (16,0)	.31 (8,0)	.22 (5,5)	1.38 (35,0)	1.38 (35,0)	.19 (4,75)	.32 (8,0)	1.00 (25,5)	—
ΔUF 3/16 - 18	U19018095	(LR)OEM .35 (B)	3/16 - 18 UNF (45,0)	1.50 (38,0)	.62 (16,0)	.31 (8,0)	.22 (5,5)	1.38 (35,0)	1.38 (35,0)	.19 (4,75)	.32 (8,0)	1.00 (25,5)	—
ΔUF M16 x 1,5	U19018143	(LR)OEM .35M (B)	M16 x 1,5 (45,0)	1.50 (38,0)	.62 (16,0)	.31 (8,0)	.22 (5,5)	1.38 (35,0)	1.38 (35,0)	.19 (4,75)	.32 (8,0)	1.00 (25,5)	—
ΔUF 3/4 - 16	U120275095	(LR)OEM .5 (B)	3/4 - 16 UNF (48,0)	2.00 (50,8)	.62 (16,0)	.31 (8,0)	.25 (6,25)	1.50 (38,0)	1.50 (38,0)	.19 (4,75)	.45 (11,4)	1.12 (28,0)	—
ΔUF M20 x 1,5	U1202646143	(LR)OEM .5M (B)	M20 x 1,5 (48,0)	2.00 (50,8)	.62 (16,0)	.31 (8,0)	.25 (6,25)	1.50 (38,0)	1.50 (38,0)	.19 (4,75)	.45 (11,4)	1.12 (28,0)	—
ΔUF 1-12	U19599095	(LR)OEM 1.0 (B)	1-12 UNF (48,0)	2.00 (50,8)	.62 (16,0)	.31 (8,0)	.25 (6,25)	1.50 (38,0)	1.50 (38,0)	.19 (4,75)	.45 (11,4)	1.12 (28,0)	—
ΔUF M25 x 1,5	U12584143	(LR)OEM 1.0MF (B)	M25 x 1,5 (48,0)	2.00 (50,8)	.62 (16,0)	.31 (8,0)	.25 (6,25)	1.50 (38,0)	1.50 (38,0)	.19 (4,75)	.45 (11,4)	1.12 (28,0)	—
ΔUF M27 x 3	U12587143	(LR)OEM 1.0M (B)	M27 x 3 (48,0)	2.00 (50,8)	.62 (16,0)	.31 (8,0)	.25 (6,25)	1.50 (38,0)	1.50 (38,0)	.19 (4,75)	.45 (11,4)	1.12 (28,0)	—

Δ= Non-standard lead time items, contact Enidine.

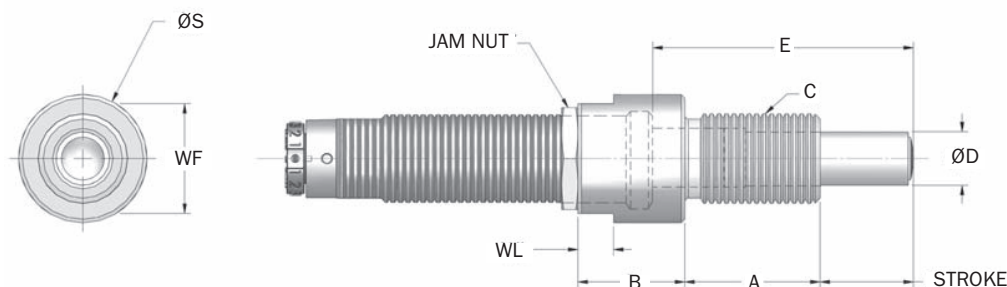
Adjustable Series Hydraulic Shock Absorbers

OEM Small Bore Series

OEM 0.1M → OEM 1.0 Series

Accessories

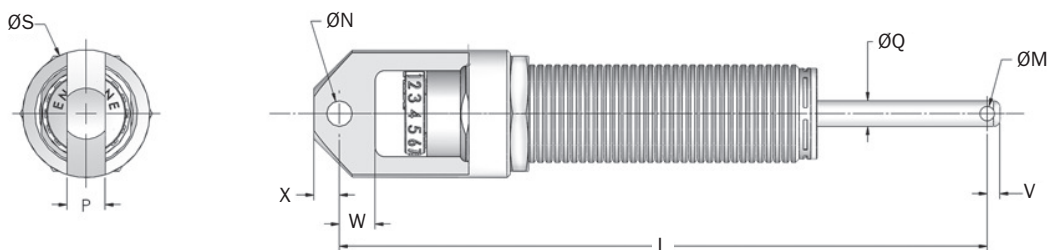
Side Load Adaptor (SLA)



Catalog No./Model	Part Number	Model (Ref)	Stroke in. (mm)	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	S in. (mm)	WF in. (mm)	WL in. (mm)
SLA 10MF	SLA 33457	OEM 0.1M	.25 (6,4)	.47 (12)	.43 (11)	M10 x 1	.20 (5)	.85 (21,9)	.51 (13)	11 (11)	.28 (0,28)
SLA 12MF	SLA 33299	OEM .15M	.38 (10,0)	.71 (18)	.55 (14)	M12 x 1	.24 (6)	1.28 (32,4)	.63 (16)	13 (13)	.28 (0,28)
SLA 1/2 - 20 x .38	SLA 71133	(LR)OEM .25	.38	.71	.65	1/2 - 20 UNF	.31	1.37	.71	.63	.28
SLA 14MC	SLA 34756	(LR)OEM .25M	(10,0)	(18)	(16)	(M14 x 1,5)	(8)	(34,3)	(18)	(15)	(7,0)
SLA 3/16 - 18 x .50	SLA 71134	(LR)OEM .35	.5	.79	.63	3/16 - 18 UNF	.31	1.55	.71	.63	.28
SLA 16 MF	SLA 34757	(LR)OEM .35M	(12,7)	(20)	(16)	(M16 x 1)	(8)	(39,2)	(20)	(17)	(7,0)
SLA 3/4 - 16 x .50	SLA 33847	(LR)OEM .5	.5	.94	.55	3/4 - 16 UNF	.43	1.64	.98	.88	.28
SLA 20 MF	SLA 33262	(LR)OEM .5M	(12,7)	(24)	(14)	(M20 x 1,5)	(11)	(41,5)	(25)	(22)	(7,0)
SLA 1-12 x 1	SLA 33848	(LR)OEM 1.0	1.0	1.50	1.80	1-12 UNF	.59	2.88	1.42	1.25	.39
SLA 25 MF	SLA 33263	(LR)OEM 1.0MF	(25,0)	(38)	(30)	(M25 x 1,5)	(15)	(73,2)	(36)	(32)	(0,28)
SLA 27 MC	SLA 33296	(LR)OEM 1.0M	(25,0)	(38)	(30)	(M27 x 3)	(15)	(73,2)	(36)	(32)	(0,28)

Notes: 1. Maximum sideload angle is 30°. 2. Part Numbers in page color are non-standard lead time items, contact Enidine.

Clevis Mount



Catalog No./Model	(S) Stroke in. (mm)	L in. (mm)	M +0.010/-0.000 in. (mm)	N +0.010/-0.000 in. (mm)	P +0.000/-0.010 in. (mm)	Q in. (mm)	S in. (mm)	V in. (mm)	W in. (mm)	X in. (mm)	Weight (mass) oz. (g)
ΔOEM 1.0 CMS	1.0	6.38	.141 +0.005/-0.000	.251 +0.005/-0.000	.375 +0.000/-0.010	.25	1.25	.13	.35	.25	13.9
ΔOEM 1.0M CMS	25	162,1	3,58 +0,13/0	6,02 +0,13/0	9,5 0/-0,3	6,4	31,8	3,2	9,0	6,4	394

Notes: 1. Maximum sideload angle is 30°. 2. Δ= Non-standard lead time items, contact Enidine.

Adjustable Series Hydraulic Shock Absorbers

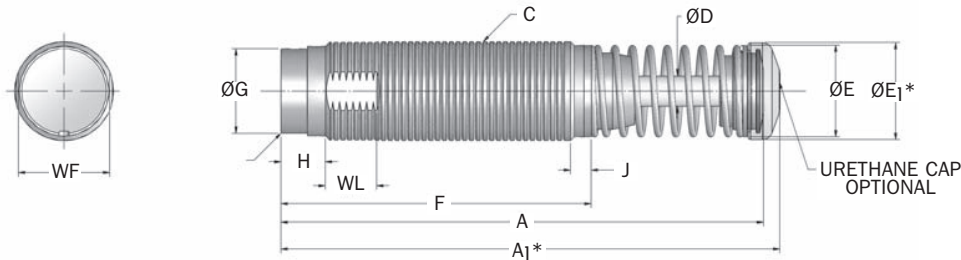
OEM Small Bore Series

OEM

OEM 1.15 → (LR)OEM 1.25 Series

Technical Data

Standard



*Note: A₁ and E₁ apply to urethane striker cap accessory.

Catalog No./Model	(S) Stroke in. (mm)	Optimal Velocity Range in./sec. (m/s)	(E _T) Max. in.-lbs./cycle (Nm/cycle)	(E _T C) Max. in.-lbs./hour (Nm/h)	(F _P) Max. Reaction Force lbs. (N)	Nominal Coil Spring Force		(F _D) Max. Propelling Force lbs. (N)	Weight (mass) oz (g)
						Extended lbs. (N)	Compressed lbs. (N)		
ΔOEM 1.15 x 1	1.00	12-130	1,700	670,000	2,500	12.5	20.0	500	17
ΔOEM 1.15M x 1	(25,0)	(0,3-3,30)	(195,0)	(75 700)	(11 120)	(56,0)	(89,0)	(2 220)	(482)
ΔLROEM 1.15 x 1	1.00	3-80	1,700	670,000	2,500	12.5	20.0	750	17
ΔLROEM 1.15M x 1	(25,0)	(0,08-2,0)	(195,0)	(75 700)	(11 120)	(56,0)	(89,0)	(3 335)	(482)
ΔOEM 1.15 x 2	2.00	12-130	3,400	875,000	2,500	7.0	20.0	500	25
ΔOEM 1.15M x 2	(50,0)	(0,3-3,30)	(385,0)	(98 962)	(11 120)	(31,0)	(89,0)	(2 220)	(708)
ΔLROEM 1.15 x 2	2.00	3-80	3,400	875,000	2,500	7.0	20.0	750	25
ΔLROEM 1.15M x 2	(50,0)	(0,8-2,0)	(385,0)	(98 962)	(11 120)	(31,0)	(89,0)	(3 335)	(708)
ΔOEM 1.25 x 1	1.00	12-130	1,700	808,000	2,500	12.5	20.0	500	20
ΔOEM 1.25M x 1	(25,0)	(0,3-3,30)	(195,0)	(91 000)	(11 120)	(56,0)	(89,0)	(2 220)	(567)
ΔLROEM 1.25 x 1	1.00	3-80	1,700	808,000	2,500	12.5	20.0	750	20
ΔLROEM 1.25M x 1	(25,0)	(0,8-2,0)	(195,0)	(91 000)	(11 120)	(56,0)	(89,0)	(3 335)	(567)
ΔOEM 1.25 x 2	2.00	12-130	3,400	986,000	2,500	7.0	20.0	500	26
ΔOEM 1.25M x 2	(50,0)	(0,3-3,30)	(385,0)	(111 400)	(11 120)	(31,0)	(89,0)	(2 220)	(737)
ΔLROEM 1.25 x 2	2.00	3-80	3,400	986,000	2,500	7.0	20.0	750	26
ΔLROEM 1.25M x 2	(50,0)	(0,8-2,0)	(385,0)	(111 400)	(11 120)	(31,0)	(89,0)	(3 335)	(737)

Catalog No./Model	A in. (mm)	A ₁ in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	E ₁ in. (mm)	F in. (mm)	G in. (mm)	H in. (mm)	J in. (mm)	WF in. (mm)	WL in. (mm)
Δ(LR)OEM 1.15 x 1	5.92	6.12	1 1/4 - 12 UNF	.38	1.13	1.20	3.81	1.10	.55	.21	1.12	.63
Δ(LR)OEM 1.15M x 1	(150,0)	(155,5)	(M33 x 1,5)	(9,5)	(29,0)	(30,5)	(97,0)	(28,0)	(14,0)	(5,3)	(30,0)	(16,0)
Δ(LR)OEM 1.15 x 2	8.54	8.74	1 1/4 - 12 UNF	.38	1.13	1.20	5.43	1.10	.55	.21	1.12	.63
Δ(LR)OEM 1.15M x 2	(217,0)	(222,0)	(M33 x 1,5)	(9,5)	(29,0)	(30,5)	(138,0)	(28,0)	(14,0)	(5,3)	(30,0)	(16,0)
Δ(LR)OEM 1.25 x 1	5.92	6.12	1 3/8 - 12 UNF	.38	1.13	1.20	3.81	1.10	.55	.21	1.25	.63
Δ(LR)OEM 1.25M x 1	(150,0)	(155,5)	(M36 x 1,5)	(9,5)	(29,0)	(30,5)	(97,0)	(28,0)	(14,0)	(5,3)	(33,0)	(16,0)
Δ(LR)OEM 1.25 x 2	8.54	8.74	1 3/8 - 12 UNF	.38	1.13	1.20	5.43	1.10	.55	.21	1.25	.63
Δ(LR)OEM 1.25M x 2	(217,0)	(222,0)	(M36 x 1,5)	(9,5)	(29,0)	(30,5)	(138,0)	(28,0)	(14,0)	(5,3)	(33,0)	(16,0)

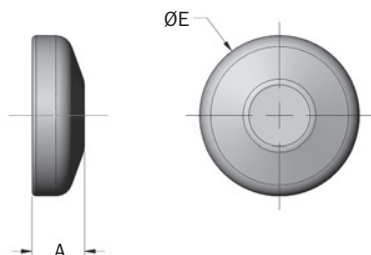
Notes: 1. All shock absorbers will function satisfactorily at 5% of their maximum rated energy per cycle. If less than 5%, a smaller model should be specified.

2. For mounting accessories, see pages 25-26.

3. Urethane striker caps are available as accessories for models OEM 1.15M x 1 to OEM 1.25M x 2.

4. Δ = Non-standard lead time items, contact Enidine.

Urethane Striker Cap (USC)



Catalog No./Model	Part Number	Model (Ref)	A in. (mm)	E in. (mm)	Weight (mass) oz. (g)
UC 8609	C98609079	(LR)OEM 1.15/1.25	.39 (10,0)	1.20 (30,5)	0.2 (6)

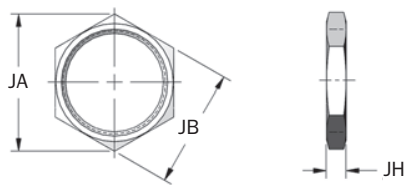
Adjustable Series Hydraulic Shock Absorbers

OEM Small Bore Series

OEM 1.15 → OEM 1.25 Series

Accessories

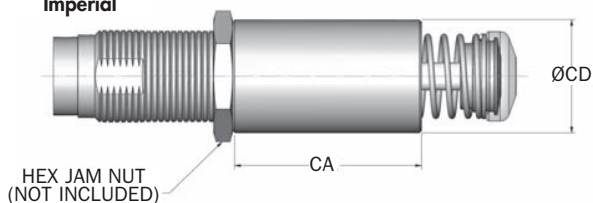
Jam Nut (JN)



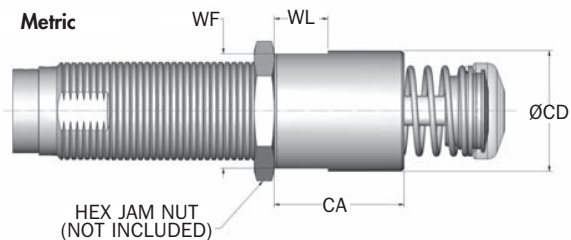
Catalog No./Model	Part Number	Model (Ref)	JA in. (mm)	JB in. (mm)	JH in. (mm)	Weight (mass) oz. (g)
JN 1 1/4 - 12	J18609034	OEM 1.15	1.73	1.50	.25	0.9
JN M33 x 1,5	J28609035	(LR)OEM 1.15M	(47,3)	(41,0)	(6,4)	(27)
JN 1 3/8 - 12	J13164034	OEM 1.25	1.88	1.63	.25	0.9
JN M36 x 1,5	J23164035	(LR)OEM 1.25M	(47,3)	(41,0)	(6,4)	(27)

Stop Collar (SC)

Imperial



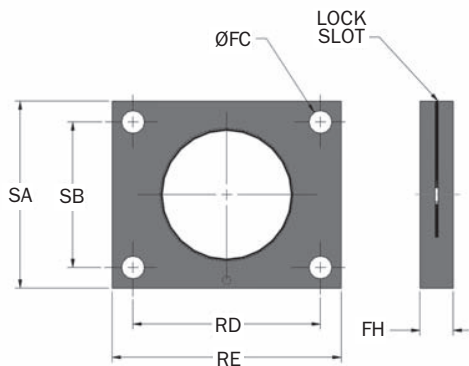
Metric



Catalog No./Model	Part Number	Model (Ref)	CA in. (mm)	CD in. (mm)	WF in. (mm)	WL in. (mm)	Weight (mass) oz. (g)
ΔSC 1 1/4 - 12	M921049057	OEM 1.15	2.50	1.50	—	—	7.0
ΔSC M33 x 1.5	M921049171	OEM 1.15M	(44,5)	(38,1)	—	—	(215)
ΔSC 1 3/8 - 12	M921293057	OEM 1.25	2.50	1.69	—	—	7.0
ΔSC M36 x 1,5	M930285171	OEM 1.25M	(63,5)	(43,0)	—	—	(210)
ΔSC 1-12HP x 1.56	M95568181	HP 110	2.00	1.50	—	—	—
ΔSC M25 x 2 x 1,56	M930288171	HP 110 MC	(50,8)	(38,0)	(32,0)	(15,0)	8.0
ΔSC M25 x 1,5 x 1,56	M931291171	HP 110 MF	(50,8)	(38,0)	(32,0)	(15,0)	(215)

Notes: 1. *Do not use with urethane striker cap. 2. Δ= Non-standard lead time items, contact Enidine.

Rectangular Flange (RF)



Catalog No./Model	Part Number	Model (Ref)	FC in. (mm)	FH in. (mm)	RD in. (mm)	RE in. (mm)	SA in. (mm)	SB in. (mm)	Bolt Size in. (mm)	Wt. (mass) oz. (g)
RF 1 1/4 - 12	N121049129	(LR)OEM 1.15	.22	.38	1.63	2.00	1.75	1.13	#10	1.0
RF M33 x 1,5	N121049141	(LR)OEM 1.15M	(5,5)	(9,5)	(41,3)	(50,8)	(44,5)	(28,6)	(M5)	(30)
RF 1 3/8 - 12	N121293129	(LR)OEM 1.25	.22	.38	1.63	2.00	1.75	1.13	#10	1.0
RF M36 x 1,5	N121293129	(LR)OEM 1.25M	(5,5)	(9,5)	(41,3)	(58,8)	(44,5)	(28,6)	(M5)	(30)

Adjustable Series Hydraulic Shock Absorbers

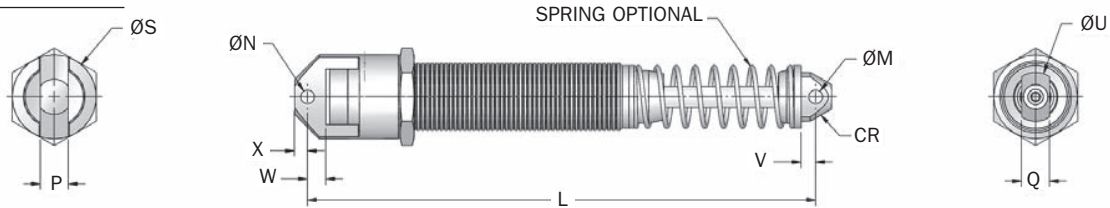
OEM Small Bore Series

OEM

OEM 1.15 → OEM 1.25 Series

Accessories

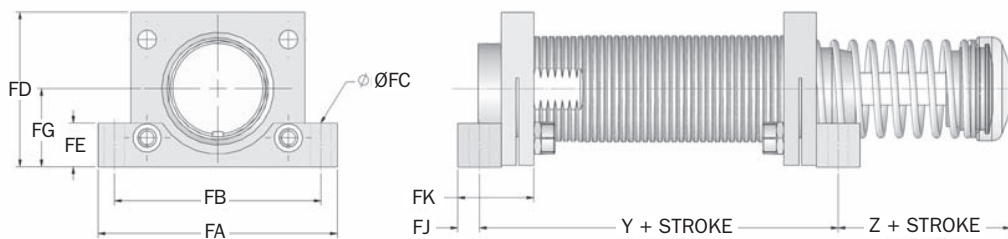
Clevis Mount



Catalog No./Model	(S) Stroke in. (mm)	L in. (mm)	M in. (mm)	N in. (mm)	P in. (mm)	Q in. (mm)	S in. (mm)	T in. (mm)	V in. (mm)	W in. (mm)	X in. (mm)	CR in. (mm)	Weight (mass) oz. (g)
Δ (LR)OEM 1.15 x 1 CM(S)	1.0 (25)	6.44 (163,6)	.251 (6,02) +0,005/-0,000 (+0,13/0)	.251 (6,02) +0,005/-0,000 (+0,13/0)	.500 (12,7) +0,000/-0,010 (0/-0,3)	.500 (12,7) +0,000/-0,010 (0/-0,3)	1.50 (38,1)	.88 (22,3)	.23 (6,0)	.33 (8,3)	.23 (5,9)	.44 (10,0)	1.6 (725)
Δ (LR)OEM 1.15 x 2 CM(S)	2.0 (50)	9.07 (230,4)	.251 (6,02) +0,005/-0,000 (+0,13/0)	.251 (6,02) +0,005/-0,000 (+0,13/0)	.500 (12,7) +0,000/-0,010 (0/-0,3)	.500 (12,7) +0,000/-0,010 (0/-0,3)	1.50 (38,1)	.88 (22,3)	.23 (6,0)	.33 (8,3)	.23 (5,9)	.44 (10,0)	1.6 (861)
Δ (LR)OEM 1.25 x 1 CM(S)	1.0 (25) +0,005/-0,000	6.44 (163,6) +0,005/-0,000	.251 (6,02) +0,000/-0,010 (+0,13/0)	.251 (6,02) +0,000/-0,010 (+0,13/0)	.500 (12,7) +0,000/-0,010 (0/-0,3)	.500 (12,7) +0,000/-0,010 (0/-0,3)	1.50 (38,1)	.88 (22,3)	.23 (6,0)	.33 (8,3)	.23 (5,9)	.44 (10,0)	1.6 (725)
Δ (LR)OEM 1.25 x 2 CM(S)	2.0 (50)	9.07 (230,4)	.251 (6,02) +0,13/0 (+0,13/0)	.251 (6,02) +0,13/0 (+0,13/0)	.500 (12,7) 0/-0,3 (0/-0,3)	.500 (12,7) 0/-0,3 (0/-0,3)	1.50 (38,1)	.88 (22,3)	.23 (6,0)	.33 (8,3)	.23 (5,9)	.44 (10,0)	1.9 (861)

Notes: 1. "S" designates model is supplied with spring. 2. Δ = Non-standard lead time items, contact Enidine.

Flange Foot Mount



Catalog No./Model	Part Number	Model (Ref)	Y in. (mm)	Z in. (mm)	FA in. (mm)	FB in. (mm)	FC in. (mm)	FD in. (mm)	FE in. (mm)	FG in. (mm)	FJ in. (mm)	FK in. (mm)	Size in. (mm)	Bolt Weight lbs. (kg)
FM 1 1/4 - 12	2F21049305	(LR)OEM 1.15	2.23	1.25	2.75	2.38	.23	1.75	0.50	0.90	0.25	0.88	#10	4.0 oz.
FM 1 3/8 - 12	2F21293305	(LR)OEM 1.25	2.23	1.25	2.75	2.38	.23	1.75	0.50	0.90	0.25	0.88	#10	4.0 oz.
FM M33 x 1,5	2F21049306	(LR)OEM 1.15M	(56,6)	(31,8)	(70,0)	(60,3)	(6,0)	(44,5)	(12,7)	(22,7)	(6,4)	(22,2)	(M5)	(100g)
FM M36 x 1,5	2F21293306	(LR)OEM 1.25M	(56,6)	(31,8)	(70,0)	(60,3)	(6,0)	(44,5)	(12,7)	(22,7)	(6,4)	(22,2)	(M5)	(100g)

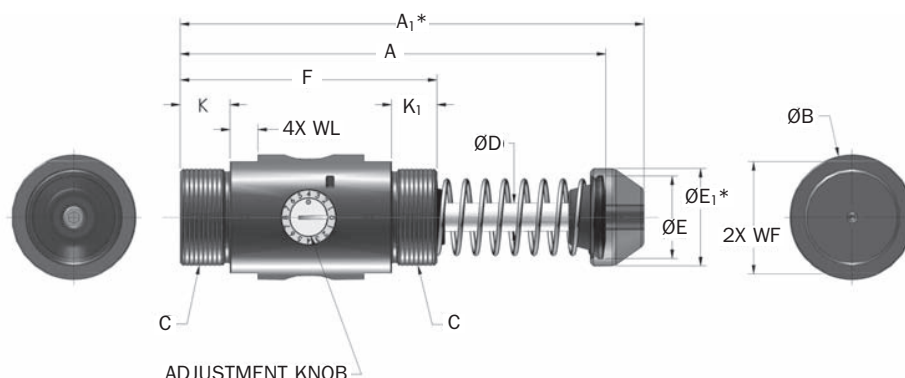
Adjustable Series Hydraulic Shock Absorbers

OEMXT Mid-Bore Series

Technical Data

OEMXT 3/4 & OEMXT 1.5M Series

Standard



*Note: A₁ and E₁ apply to urethane striker cap accessory.

Imperial Catalog No./Model	(S) Stroke in.	Optimal Velocity Range in./sec.	(E _T) Max. in.-lbs./cycle	(E _T C) Max. in.-lbs./hour	(F _P) Max. Reaction Force lbs.	Nominal Coil Spring Force		(F _P) Max. Propelling Force lbs.	Weight lbs.
						Extended lbs.	Compressed lbs.		
OEMXT 3/4 x 1	1	12-140	3,750	1,120,000	4,500	11	15	650	2.7
LROEMXT 3/4 x 1	1	3-55	3,750	1,120,000	4,500	11	15	1,500	2.7
OEMXT 3/4 x 2	2	12-140	7,500	1,475,000	4,500	7	15	650	3.7
LROEMXT 3/4 x 2	2	3-55	7,500	1,475,000	4,500	11	18	1,500	3.7
OEMXT 3/4 x 3	3	12-140	11,500	1,775,000	4,500	7	18	650	4.6
Metric Catalog No./Model	(S) Stroke mm	Optimal Velocity Range mm/sec.	(E _T) Max. Nm/cycle	(E _T C) Max. Nm/hour	(F _P) Max. Reaction Force N	Nominal Coil Spring Force		(F _P) Max. Propelling Force N	Mass Kg
						Extended N	Compressed N		
OEMXT 1.5M x 1	25,0	0,3-3,5	425	126 000	20 000	48	68	2 890	1,2
LROEMXT 1.5M x 1	25,0	0,08-1,3	425	126 000	20 000	48	68	6 660	1,2
OEMXT 1.5M x 2	50,0	0,3-3,5	850	167 000	20 000	29	68	2 890	1,7
LROEMXT 1.5M x 2	50,0	0,08-1,3	850	167 000	20 000	48	85	6 660	1,7
OEMXT 1.5M x 3	75,0	0,3-3,5	1 300	201 000	20 000	29	85	2 890	2,1

Imperial Catalog No./Model	C in.	A in.	A ₁ in.	B in.	D in.	E in.	E ₁ in.	F in.	K in.	K ₁ in.	WF in.	WL in.
(LR)OEMXT 3/4 x 1	1 3/4 - 12 UN	5.68	6.38	2.25	0.50	1.50	1.75	3.63	0.91	0.82	1.59	0.75
(LR)OEMXT 3/4 x 2	1 3/4 - 12 UN	7.68	8.38	2.25	0.50	1.50	1.75	4.63	0.91	0.82	1.59	0.75
(LR)OEMXT 3/4 x 3	1 3/4 - 12 UN	9.68	10.38	2.25	0.50	1.50	1.75	5.63	0.91	0.82	1.59	0.75
Metric Catalog No./Model	C mm	A mm	A ₁ mm	B mm	D mm	E mm	E ₁ mm	F mm	K mm	K ₁ mm	WF mm	WL mm
(LR)OEMXT 1.5M x 1	M42 x 1.5	144	162	58	13	38	44	92	32	32	40,5	19
(LR)OEMXT 1.5M x 2	M42 x 1.5	195	213	58	13	38	44	118	45	45	40,5	19
(LR)OEMXT 1.5M x 3	M42 x 1.5	246	264	58	13	38	44	143	57	57	40,5	19

Adjustable Series Hydraulic Shock Absorbers

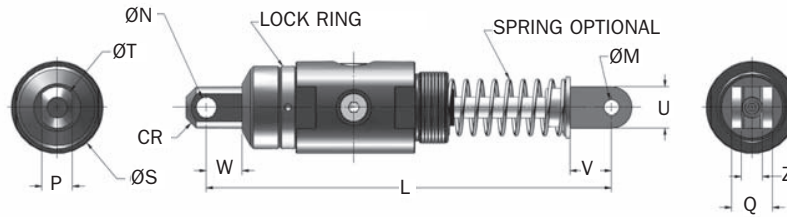
OEMXT Mid-Bore Series

OEM
XT

OEMXT 3/4 & (LR)OEMXT 1.5M Series

Accessories

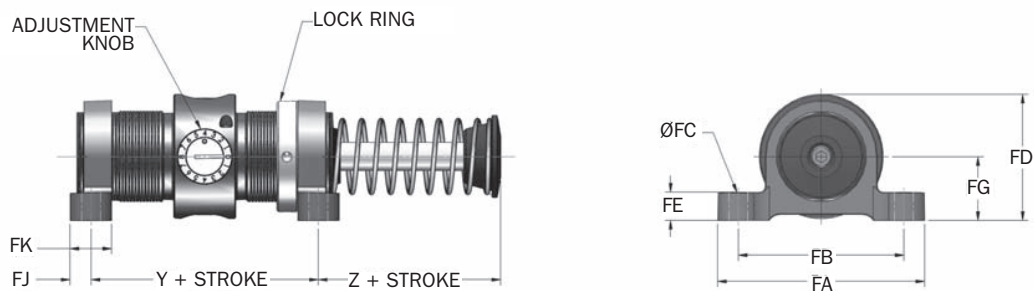
Clevis Mount



Catalog No./Model	(S) Stroke in. (mm)	L in. (mm)	M in. (mm)	N in. (mm)	P in. (mm)	Q in. (mm)	S in. (mm)	T in. (mm)	U in. (mm)	V in. (mm)	W in. (mm)	Z in. (mm)	CR in. (mm)	Weight (mass) lbs. (Kg)
Δ(LR)OEMXT 3/4 x 1 CM(S)	1.0	7.84 +0.010/-0.000	.376 +0.010/-0.000	.501 +0.000/-0.010	.750	1.00	2.00	1.00	1.00	1.01	.87 +0.020/-0.000	.505	.56	3.5
Δ(LR)OEMXT 1.5M x 1 CM(S)	(25)	(199,0)	(9,60) (+0,25/0)	(12,70) (+0,25/0)	(19,0) (0/-0,3)	(25,4)	(51,0)	(25,4)	(25,0)	(26,0)	(22,0)	(12,9) (+0,5/-0)	(14,3)	(1,59)
Δ(LR)OEMXT 3/4 x 2 CM(S)	2.0	9.84	.376 +0.010/-0.000	.501 +0.010/-0.000	.750 +0.000/-0.010	1.00	2.00	1.00	1.00	1.01	.87 +0.020/-0.000	.505	.56	3.8
Δ(LR)OEMXT 1.5M x 2 CM(S)	(50)	(250,0)	(9,60) (+0,25/0)	(12,70) (+0,25/0)	(19,0) (0/-0,3)	(25,4)	(51,0)	(25,4)	(25,0)	(26,0)	(22,0)	(12,9) (+0,5/-0)	(14,3)	(1,7)
ΔOEMXT 3/4 x 3 CM(S)	3.0	11.84	.376 +0.010/-0.000	.501 +0.010/-0.000	.750 +0.000/-0.010	1.00	2.00	1.00	1.00	1.01	.87 +0.020/-0.000	.505	.56	4.3
ΔOEMXT 1.5M x 3 CM(S)	(75)	(300,0)	(9,60) (+0,25/0)	(12,70) (+0,25/0)	(19,0) (0/-0,3)	(25,4)	(51,0)	(25,4)	(25,0)	(26,0)	(22,0)	(12,9) (+0,5/-0)	(14,3)	(1,95)

Notes: 1. "S" designates model is supplied with spring. 2. Δ = Non-standard lead time items, contact Enidine.

Flange Foot Mount



Catalog No./Model	Part Number	Model (Ref)	Y in. (mm)	Z in. (mm)	FA in. (mm)	FB in. (mm)	FC in. (mm)	FD in. (mm)	FE in. (mm)	FG in. (mm)	FJ in. (mm)	FK in. (mm)	Bolt Size in. (mm)	Weight (mass) lbs. (Kg)
FM 1 3/4-12	2FE2940	(LR)OEM 3/4	2.38	1.06	3.75	3.00	.34	2.16	0.50	1.16	0.38	0.75	5/16	12.0 oz.
FM M42 x 1.5	2F2940	(LR)OEM 1.5M	(60,5)	(26,9)	(95,3)	(76,2)	(8,6)	(55,0)	(12,7)	(29,5)	(9,7)	(19,1)	(M8)	(370)g

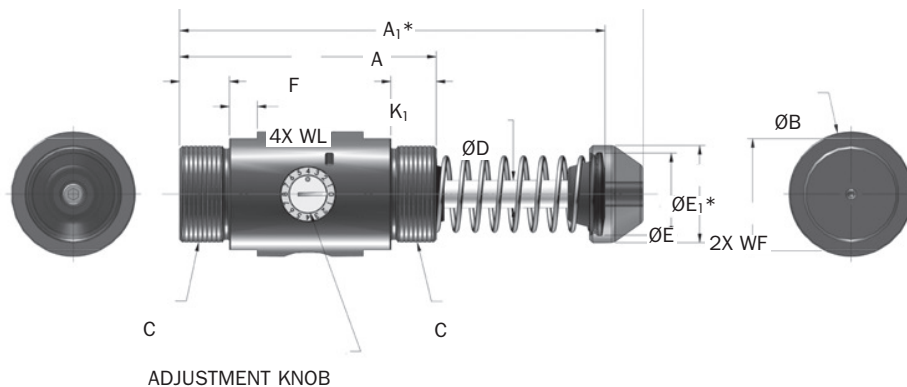
Adjustable Series Hydraulic Shock Absorbers

OEMXT Mid-Bore Series

OEMXT 1-1/8 & OEMXT 2.0M Series

Technical Data

Standard



*Note: A1 and E1 apply to urethane striker cap accessory.

Imperial Catalog No./Model	(S) Stroke in.	Optimal Velocity Range in./sec.	(E _T) Max. in.-lbs./cycle	(E _T C) Max. in.-lbs./hour	(F _p) Max. Reaction Force lbs.	Nominal Coil Spring Force		(F _D) Max. Propelling Force lbs.	Weight lbs.
						Extended lbs.	Compressed lbs.		
Δ(LR)OEMXT 1 1/8 x 1	1	3-30	10,000	2,000,000	11,500	26	35	4,000	4.5
OEMXT 1 1/8 x 2	2	12-140	20,000	2,400,000	11,500	17	35	1,500	7.9
(LR)OEMXT 1 1/8 x 2	2	3-30	20,000	2,400,000	11,500	17	35	4,000	7.9
OEMXT 1 1/8 x 4	4	12-140	40,000	3,200,000	11,500	16	36	1,500	10.8
OEMXT 1 1/8 x 6	6	12-140	60,000	3,730,000	11,500	20	64	1,500	14.1
Metric Catalog No./Model	(S) Stroke mm	Optimal Velocity Range mm/sec.	(E _T) Max. Nm/cycle	(E _T C) Max. Nm/hour	(F _p) Max. Reaction Force N	Extended N	Compressed N	(F _D) Max. Propelling Force N	Mass Kg
Δ(LR)OEMXT 2.0M x 1	25,0	0,08-1,35	1 130	226 000	51 000	115	155	17 760	2,1
OEMXT 2.0M x 2	50,0	0,3-3,5	2 260	271 000	51 000	75	155	6 660	3,6
LR)OEMXT 2.0M x 2	50,0	0,08-1,35	2 260	271 000	51 000	75	155	17 760	3,6
OEMXT 2.0M x 4	100,0	0,3-3,5	4 520	362 000	51 000	70	160	6 660	4,9
OEMXT 2.0M x 6	150,0	0,3-3,5	6 780	421 000	51 000	90	284	6 660	6,4

Note: Δ = Non-standard lead time items, contact Enidine.

Imperial Catalog No./Model	C in.	A in.	A1 in.	B in.	D in.	E in.	E1 in.	F in.	K in.	K1 in.	WF in.	WL in.
Δ(LR)OEMXT 1 1/8 x 1	2 1/2 - 12 UN	6.90	7.55	3.00	0.75	2.00	2.25	4.50	1.03	1.03	2.75	1.00
(LR)OEMXT 1 1/8 x 2	2 1/2 - 12 UN	8.90	9.55	3.00	0.75	2.00	2.25	5.50	1.03	1.03	2.75	1.00
OEMXT 1 1/8 x 4	2 1/2 - 12 UN	12.90	13.59	3.00	0.75	2.00	2.25	7.50	1.03	1.03	2.75	1.00
OEMXT 1 1/8 x 6	2 1/2 - 12 UN	17.97	18.62	3.00	0.75	2.38	2.38	9.50	1.03	1.03	2.75	1.00
Metric Catalog No./Model	C mm	A mm	A1 mm	B mm	D mm	E mm	E1 mm	F mm	K mm	K1 mm	WF mm	WL mm
Δ(LR)OEMXT 2.0M x 1	M64 x 2.0	175	192	77	19	50	57	114	26	26	70	25
LR)OEMXT 2.0M x 2	M64 x 2.0	226	243	77	19	50	57	140	26	26	70	25
OEMXT 2.0M x 4	M64 x 2.0	328	345	77	19	50	57	191	26	26	70	25
OEMXT 2.0M x 6	M64 x 2.0	456	473	77	19	57	57	241	26	26	70	25

Note: Δ = Non-standard lead time items, contact Enidine.

Adjustable Series Hydraulic Shock Absorbers

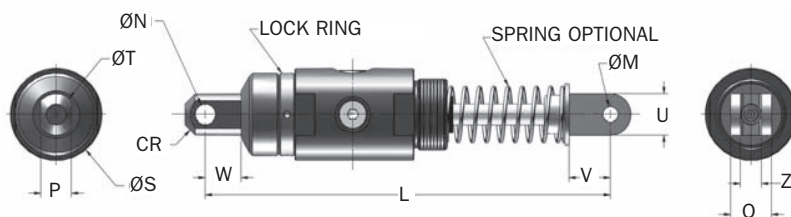
OEMXT Mid-Bore Series Accessories

OEM
XT

OEMXT 1-1/8" & OEMXT 2.0M Series

Accessories

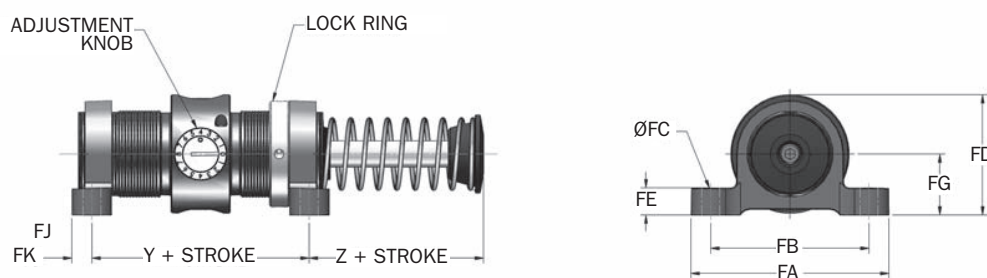
Clevis Mount



Catalog No./Model	(S) Stroke in. (mm)	L in. (mm)	M in. (mm)	N in. (mm)	P in. (mm)	Q in. (mm)	S in. (mm)	T in. (mm)	U in. (mm)	V in. (mm)	W in. (mm)	Z in. (mm)	CR in. (mm)	Weight (mass) lbs. (kg)
Δ (LR)OEMXT 1 1/8 x 2 CM(S)	2.0	12.06	.751 +.010/-0.000	.751 +.010/-0.000	1.250 +.000/-0.010	.630	2.88	1.50	1.50	1.40	1.06	.630 +.020/-0.000	.90	11.7
Δ (LR)OEMXT 2.0M x 2 CM (S)	(50)	(306,0)	(19,07) (+0,25/0)	(19,07) (+0,25/0)	(31,7) (0/-0,3)	(16,0)	(73,0)	(38,1)	(38,0)	(36,0)	(26,0)	(38,0) (+0,5/0,0)	(23,0)	(5,30)
Δ OEMXT 1 1/8 x 4 CM(S)	4.0	16.06	.751 +.010/-0.000	.751 +.010/-0.000	1.250 +.000/-0.010	.630	2.88	1.50	1.50	1.40	1.06	1.50 +.020/-0.000	.90	13.4
Δ OEMXT 2.0M x 4 CM(S)	(100)	(408,0)	(19,07) (+0,25/0)	(19,07) (+0,25/0)	(31,7) (0/-0,3)	(16,0)	(73,0)	(38,0)	(38,0)	(36,0)	(26,0)	(38,0) (+0,5/0,0)	(23,0)	(6,08)
Δ OEMXT 1 1/8 x 6 CM(S)	6.0	21.13	.751 +.010/-0.000	.751 +.010/-0.000	1.250 +.000/-0.010	.630	2.88	1.50	1.50	1.40	1.06	1.50 +.020/-0.000	.90	16.3
Δ OEMXT 2.0M x 6 CM(S)	(150)	(537,0)	(19,07) (+0,25/0)	(19,07) (+0,25/0)	(31,7) (0/-0,3)	(16,0)	(73,0)	(38,0)	(38,0)	(36,0)	(26,0)	(38,0) (+0,5/0,0)	(23,0)	(7,39)

Notes: 1. "S" designates model is supplied with spring. 2. Δ = Non-standard lead time items, contact Enidine.

Flange Foot Mount



Catalog No./Model	Part Number	Model (Ref)	Y in. (mm)	Z in. (mm)	FA in. (mm)	FB in. (mm)	FC in. (mm)	FD in. (mm)	FE in. (mm)	FG in. (mm)	FJ in. (mm)	FK in. (mm)	Bolt Size in. (mm)	Weight (mass) lbs. (kg)	Notes
FM 2 1/2 - 12	2FE3010	(LR)OEM 1 1/8	3.00	1.56	5.63	4.88	.41	3.38	0.63	1.75	0.44	0.88	3/8	2.3	1
FM M64 x 2	2F3010	(LR)OEM 2.0M	(76,2)	(39,6)	(43,0)	(124,0)	(10,4)	(89,7)	(16,0)	(44,5)	(11,2)	(22,4)	M10	(1.08)	2

Notes: 1. OEM 1 1/8 x 6 "Z" dimension is 2.69 in.
2. OEM 2.0M x 6 "Z" dimension is 68,3 mm

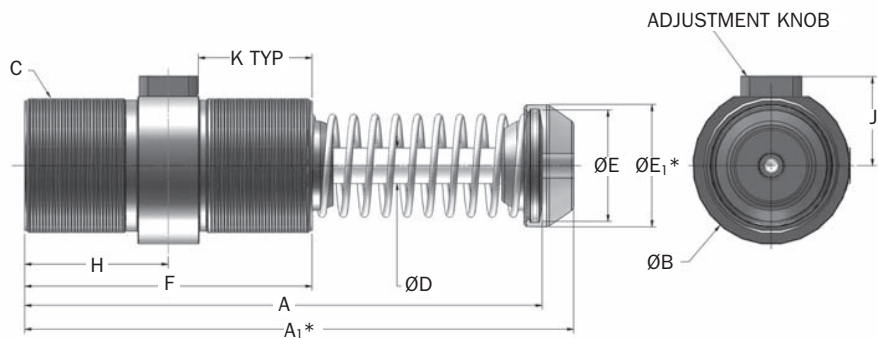
Adjustable Series Hydraulic Shock Absorbers

OEM Mid-Bore Series

OEM 3.0M → OEM 4.0M Series

Technical Data

Standard



*Note: A₁ and E₁ apply to urethane striker cap accessory.

Catalog No./Model	(S) Stroke in. (mm)	Optimal Velocity Range in./sec. (mm)	(E _T) Max. in.-lbs./cycle (m/s)	(E _T C) Max. in.-lbs./hour (Nm/h)	(F _p) Max. Reaction Force lbs. (N)	Nominal Coil Spring Force		(F _D) Max. Propelling Force lbs. (N)	Weight (mass) lbs. (Kg)
						Extended lbs. (N)	Compressed lbs. (N)		
OEM 3.0M x 2	2.0 (50)	12-170 (0,3-4,3)	20,000 (2 300)	3,290,000 (372 000)	15,000 (67 000)	25 (110)	45 (200)	2,700 (12 000)	15.5 (7,0)
OEM 3.0M x 3.5	3.5 (90)	12-170 (0,3-4,3)	35,000 (4 000)	5,770,000 (652 000)	15,000 (67 000)	25 (110)	45 (200)	2,700 (12 000)	20.0 (9,1)
OEM 3.0M x 5	5.0 (125)	12-170 (0,3-4,3)	50,000 (5 700)	8,260,000 (933 000)	15,000 (67 000)	16 (71)	45 (200)	2,700 (12 000)	24.0 (10,9)
OEM 3.0M x 6.5	6.5 (165)	12-170 (0,3-4,3)	65,000 (7 300)	10,750,000 (1 215 000)	15,000 (67 000)	27 (120)	75 (330)	2,700 (12 000)	30.0 (13,6)
OEM 4.0M x 2	2.0 (50)	12-170 (0,3-4,3)	34,000 (3 800)	13,300,000 (1 503 000)	25,000 (111 000)	50 (225)	65 (290)	4,800 (21 000)	33.0 (15,0)
OEM 4.0M x 4	4.0 (100)	12-170 (0,3-4,3)	68,000 (7 700)	16,000,000 (1 808 000)	25,000 (111 000)	35 (155)	65 (290)	4,800 (21 000)	40.0 (18,2)
OEM 4.0M x 6	6.0 (150)	12-170 (0,3-4,3)	102,000 (11 500)	18,600,000 (2 102 000)	25,000 (111 000)	30 (135)	70 (310)	4,800 (21 000)	44.0 (20,0)
ΔOEM 4.0M x 8	8.0 (200)	12-170 (0,3-4,3)	136,000 (15 400)	21,300,000 (2 407 000)	25,000 (111 000)	40 (180)	80 (355)	4,800 (21 000)	66.0 (30,0)
ΔOEM 4.0M x 10	10.0 (250)	12-170 (0,3-4,3)	170,000 (19 200)	24,000,000 (2 712 000)	25,000 (111 000)	30 (135)	80 (355)	4,800 (21 000)	73.0 (33,0)

Note: Δ= Non-standard lead time items, contact Enidine.

Catalog No./Model	A in. (mm)	A ₁ in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	E ₁ in. (mm)	F in. (mm)	H in. (mm)	J in. (mm)	K in. (mm)
OEM 3.0M x 2	9.66 (245)	10.43 (265)	3.88 (98)	M85 x 2	0.88 (22)	2.75 (69)	3.00 (76)	5.53 (140)	2.77 (70)	2.25 (58)	2.02 (51)
OEM 3.0M x 3.5	12.72 (323)	13.49 (343)	3.88 (98)	M85 x 2	0.88 (22)	2.75 (69)	3.00 (76)	7.06 (179)	3.53 (90)	2.25 (58)	2.78 (71)
OEM 3.0M x 5	15.72 (399)	16.49 (419)	3.88 (98)	M85 x 2	0.88 (22)	2.75 (69)	3.00 (76)	8.50 (217)	4.28 (109)	2.25 (58)	2.78 (71)
OEM 3.0M x 6.5	19.46 (494)	20.23 (514)	3.88 (98)	M85 x 2	0.88 (22)	3.19 (81)	3.19 (81)	10.06 (256)	5.03 (128)	2.25 (58)	2.78 (71)
OEM 4.0M x 2	12.32 (313)	13.20 (335)	5.00 (127)	M115 x 2	1.38 (35)	3.50 (88)	3.75 (95)	8.00 (203)	4.00 (102)	2.89 (74)	3.13 (80)
OEM 4.0M x 4	16.32 (414)	17.20 (436)	5.00 (127)	M115 x 2	1.38 (35)	3.50 (88)	3.75 (95)	10.00 (254)	5.00 (127)	2.89 (74)	4.13 (105)
OEM 4.0M x 6	20.32 (516)	21.20 (538)	5.00 (127)	M115 x 2	1.38 (35)	3.50 (88)	3.75 (95)	12.00 (305)	6.00 (153)	2.89 (74)	4.25 (108)
OEM 4.0M x 8	25.32 (643)	26.20 (665)	5.00 (127)	M115 x 2	1.38 (35)	3.50 (88)	3.75 (95)	14.00 (356)	7.00 (178)	2.89 (74)	4.25 (108)
OEM 4.0M x 10	29.32 (745)	30.20 (767)	5.00 (127)	M115 x 2	1.38 (35)	3.50 (88)	3.75 (95)	16.00 (406)	8.00 (203)	2.89 (74)	4.25 (108)

- Notes: 1. All shock absorbers will function satisfactorily at 5% of their maximum rated energy per cycle. If less than 5%, a smaller model should be specified.
2. For mounting accessories, see pages 32.
3. Rear flange mounting of OEM 3.0M x 6.5, OEM 4.0M x 8 and OEM 4.0M x 10 models not recommended when mounting horizontally.

Adjustable Series Hydraulic Shock Absorbers

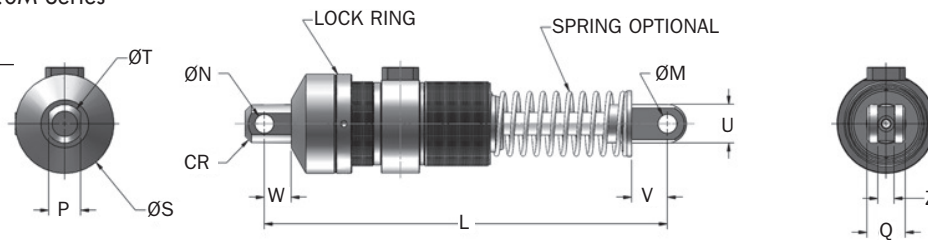
OEM Mid-Bore Series

OEM

OEM 3.0M → OEM 4.0M Series

Accessories

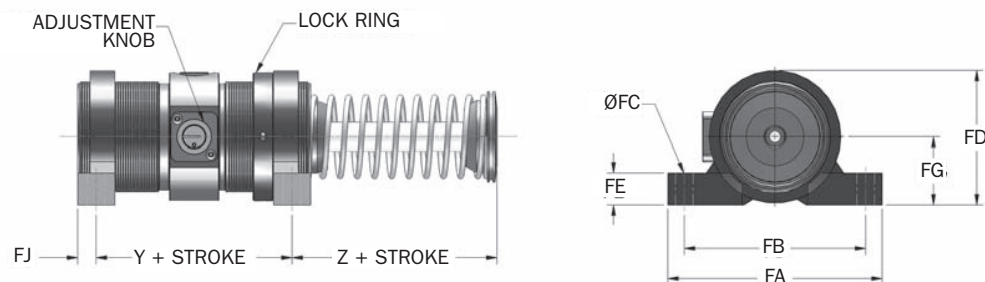
Clevis Mount



Catalog No./Model	(S) Stroke in. (mm)	L in. (mm)	M in. (mm)	N in. (mm)	P in. (mm)	Q in. (mm)	S in. (mm)	T in. (mm)	U in. (mm)	V in. (mm)	W in. (mm)	Z in. (mm)	CR in. (mm)	Weight (mass) lbs. (Kg)
ΔOEM 3.0M x 2 CM(S)	2.0 (50)	12.81 (325,0)	.751 +0.010/-0.000 (19,07) (+0,25/0)	.751 +0.010/-0.000 (19,07) (+0,25/0)	1.250 +0.000/-0.010 (31,7) (0/-0,3)	1.50 (38,0)	3.88 (98,0)	1.50 (38,1)	1.50 (38,1)	1.40 (36,0)	1.06 (26,0)	.630 +0.020/-0.000 (16,0) (+0,5/0)	.90 (23,0)	19.1 (8,66)
ΔOEM 3.0M x 3.5 CM(S)	3.5 (90)	15.84 (402,0)	.751 +0.010/-0.000 (19,07) (+0,25/0)	.751 +0.010/-0.000 (19,07) (+0,25/0)	1.250 +0.000/-0.010 (31,7) (0/-0,3)	1.50 (38,0)	3.88 (98,0)	1.50 (38,1)	1.50 (38,1)	1.40 (36,0)	1.06 (26,0)	.630 +0.020/-0.000 (16,0) (+0,5/0)	.90 (23,0)	23.6 (10,70)
ΔOEM 3.0M x 5 CM(S)	5.0 (125)	18.84 (479,0)	.751 +0.010/-0.000 (19,07) (+0,25/0)	.751 +0.010/-0.000 (19,07) (+0,25/0)	1.250 +0.000/-0.010 (31,7) (0/-0,3)	1.50 (38,0)	3.88 (98,0)	1.50 (38,1)	1.50 (38,1)	1.40 (36,0)	1.06 (26,0)	.630 +0.020/-0.000 (16,0) (+0,5/0)	.90 (23,0)	27.6 (12,52)
ΔOEM 3.0M x 6.5 CM(S)	6.5 (165)	22.59 (574,0)	.751 +0.010/-0.000 (19,07) (+0,25/0)	.751 +0.010/-0.000 (19,07) (+0,25/0)	1.250 +0.000/-0.010 (31,7) (0/-0,3)	1.50 (38,0)	3.88 (98,0)	1.50 (38,1)	1.50 (38,1)	1.40 (36,0)	1.06 (26,0)	.630 +0.020/-0.000 (16,0) (+0,5/0)	.90 (23,0)	33.6 (15,24)
ΔOEM 4.0M x 2 CM(S)	2.0 (50)	17.00 (432,0)	1.001 +0.010/-0.000 (25,42) (+0,25/0)	1.001 +0.010/-0.000 (25,42) (+0,25/0)	1.500 +0.000/-0.010 (38,1) (0/-0,3)	3.56 (90,5)	5.00 (127,0)	2.25 (57,2)	2.00 (51,0)	2.00 (51,0)	1.75 (44,0)	1.505 +0.020/-0.000 (38,2) (+0,5/0)	1.35 (35,0)	42.4 (19,23)
ΔOEM 4.0M x 4 CM(S)	4.0 (100)	21.00 (533,0)	1.001 +0.010/-0.000 (25,42) (+0,25/0)	1.001 +0.010/-0.000 (25,42) (+0,25/0)	1.500 +0.000/-0.010 (38,1) (0/-0,3)	3.56 (90,5)	5.00 (127,0)	2.25 (57,2)	2.00 (51,0)	2.00 (51,0)	1.75 (44,0)	1.505 +0.020/-0.000 (38,2) (+0,5/0)	1.35 (35,0)	49.4 (22,41)
ΔOEM 4.0M x 6 CM(S)	6.0 (150)	25.00 (635,0)	1.001 +0.010/-0.000 (25,42) (+0,25/0)	1.001 +0.010/-0.000 (25,42) (+0,25/0)	1.500 +0.000/-0.010 (38,1) (0/-0,3)	3.56 (90,5)	5.00 (127,0)	2.25 (57,2)	2.00 (51,0)	2.00 (51,0)	1.75 (44,0)	1.505 +0.020/-0.000 (38,2) (+0,5/0)	1.35 (35,0)	53.4 (24,22)
ΔOEM 4.0M x 8 CM(S)	8.0 (200)	30.00 (762,0)	1.001 +0.010/-0.000 (25,42) (+0,25/0)	1.001 +0.010/-0.000 (25,42) (+0,25/0)	1.500 +0.000/-0.010 (38,1) (0/-0,3)	3.56 (90,5)	5.00 (127,0)	2.25 (57,2)	2.00 (51,0)	2.00 (51,0)	1.75 (44,0)	1.505 +0.020/-0.000 (38,2) (+0,5/0)	1.35 (35,0)	75.4 (34,20)
ΔOEM 4.0M x 10 CM(S)	10.0 (250)	34.00 (864,0)	1.001 +0.010/-0.000 (25,42) (+0,25/0)	1.001 +0.010/-0.000 (25,42) (+0,25/0)	1.500 +0.000/-0.010 (38,1) (0/-0,3)	3.56 (90,5)	5.00 (127,0)	2.25 (57,2)	2.00 (51,0)	2.00 (51,0)	1.75 (44,0)	1.505 +0.020/-0.000 (38,2) (+0,5/0)	1.35 (35,0)	82.4 (37,37)

Notes: 1. "S" indicates model is supplied with spring. 2. Δ = Non-standard lead time items, contact Enidine.

Flange Foot Mount



Catalog No./Model	Part Number	Model (Ref)	J in. (mm)	Y in. (mm)	Z in. (mm)	FA in. (mm)	FB in. (mm)	FC in. (mm)	FD in. (mm)	FE in. (mm)	FG in. (mm)	FJ in. (mm)	FK in. (mm)	Bolt Size in. (mm)	Weight (mass) lbs. (kg)	Notes
FM M85 x 2	2F3330	OEM 3.0M OEM 3.0M	2.25 (58)	3.19 (81,0)	2.32 (59,0)	6.50 (165,0)	5.50 (139,7)	.53 (13,5)	4.06 (103,0)	1.00 (25,4)	2.06 (52,3)	0.57 (14,1)	1.13 (28,7)	1/2 (M12)	6.9 (1 984)	1
FM M115 x 2	2F3720	OEM 4.0M OEM 4.0M	2.82 (74)	7.50 (190,5)	1.44 (37,0)	8.00 (203,2)	6.50 (165,0)	.65 (16,8)	5.88 (149,4)	1.50 (38,0)	3.13 (79,5)	0.63 (16,0)	2.50 (50,8)	5/8 (M16)	8.6 (3 900)	2

Notes:
1. OEM 3.0M x 6,5, Z dimension is 77,7mm.
2. OEM 4.0M x 8 and 4.0M x 10M, Z dimension is 62,0mm.
3. For rear foot mount, dimension FJ is 22,4mm.

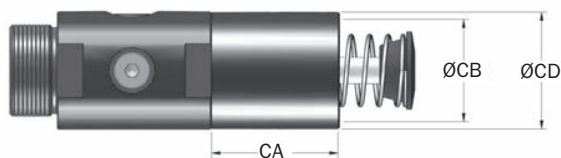
Adjustable Series Hydraulic Shock Absorbers

OEM Mid-Bore Accessories

Accessories

Stop Collar (SC)

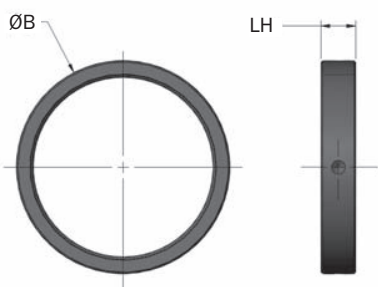
(LR)OEM 3/4 → (LR)OEM 2.0M



Catalog No./Model	Part Number	Model (Ref)	CA in. (mm)	CB in. (mm)	CD in. (mm)	Weight (mass) oz. (g)
Δ SC 1 3/4 - 12	8KE2940	(LR)OEMXT 3/4	1.94 (49,0)	1.94 (49,0)	2.22 (56,5)	12.0 (340)
Δ SC M2 1/2 - 12*	8KE3010	(LR)OEMXT 1 1/8 x 2 & 4	2.47 (63,0)	2.54 (65,0)	3.00 (76,0)	23.0 (652)
Δ SC M2 1/2 - 12 x 2			3.66 (93,0)	2.54 (65,0)	3.00 (76,0)	33.0 (936)
Δ SC 2 1/2 - 12 x 6	8KE3012	OEMXT 1 1/8 x 6	2.44 (62,0)	1.94 (49,0)	2.22 (56,0)	14.0 (397)
Δ SC M42 x 1.5 x 1	8K2940	(LR)OEMXT 1.5M x 1	2.94 (75,0)	1.94 (49,0)	2.22 (56,0)	19.0 (539)
Δ SC M42 x 1.5 x 2	8K2941	(LR)OEMXT 1.5M x 2	3.44 (87,0)	1.94 (49,0)	2.22 (56,0)	23.0 (652)
Δ SC M42 x 1.5 x 3	8K2942	OEMXT 1.5M x 3	3.50 (89,0)	2.54 (65,0)	3.00 (76,0)	33.0 (936)
Δ SC M64 x 2 x 2	8K3010 M93010057	(LR)OEMXT 2.0M x 2	4.50 (114,0)	2.54 (65,0)	3.00 (76,0)	42.0 (1191)
Δ SC M64 x 2 x 4	8K3011 M93011057	OEMXT 2.0M x 4	5.63 (143,0)	2.54 (65,0)	3.00 (76,0)	52.0 (1475)
Δ SC M64 x 2 x 6	8K3012 M93012057	OEMXT 2.0M x 6				

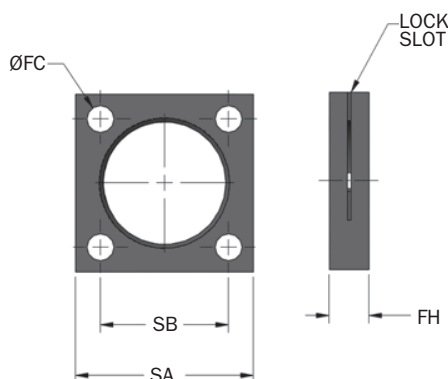
Notes: 1. * Do not use with urethane striker cap. 2. Δ = Non-standard lead time items, contact Enidine.

Lock Ring (LR)



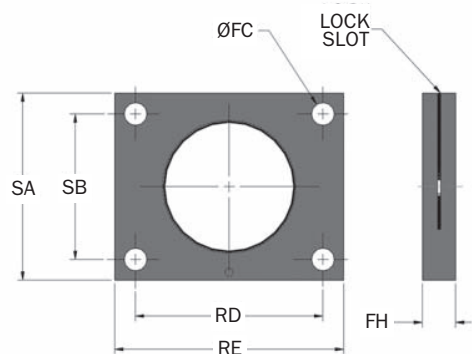
Catalog No./Model	Part Number	Model (Ref)	B in. (mm)	LH in. (mm)	Weight (mass) oz. (g)
LR 1 3/4 - 12	F8E2940049	(LR)OEMXT 3/4	2.00 (50,8)	.38 (9,5)	2.0 (57)
LR 2 1/2 - 12	F8E3010049	(LR)OEMXT 1 1/8	2.88 (73,0)	.38 (9,5)	3.0 (85)
LR M42 x 1.5	F82940049	(LR)OEMXT 1.5M	2.00 (50,8)	.38 (9,6)	3.0 (85)
LR M64 x 2	F83010049	(LR)OEMXT 2.0M	2.88 (73,0)	.50 (12,7)	4.0 (114)
LR M85 x 2	F83330049	(LR)OEM 3.0M	3.88 (98,2)	.63 (16,0)	8.0 (226)
LR M115 x 2	F83720049	(LR)OEM 4.0M	5.00 (126,7)	.88 (22,4)	14.0 (397)

Square Flange (SF)



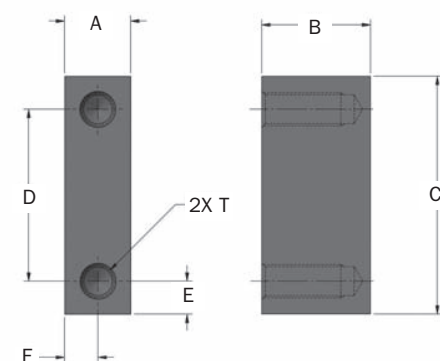
Catalog No./Model	Part Number	Model (Ref)	FC in. (mm)	FH in. (mm)	SA in. (mm)	SB in. (mm)	Bolt Size in. (mm)	Weight (mass) oz. (g)
SF 1 3/4 - 12	M4E2940056	(LR)OEMXT 3/4	.34 (8,6)	.50 (12,7)	2.25 (57,2)	1.63 (41,4)	5/16 (M8)	5.0 (140)
SF 2 1/2 - 12	M4E3010056	(LR)OEMXT 1 1/8	.41 (10,4)	.62 (15,7)	3.50 (90,0)	2.75 (89,0)	3/8 (M10)	20.0 (570)
SF M42 x 1.5	M42940056	(LR)OEMXT 1.5M	.34 (8,6)	.50 (12,7)	2.25 (57,2)	1.63 (41,4)	5/16 (M8)	5.0 (140)
SF M64 x 2	M43010056	(LR)OEMXT 2.0M	.41 (10,4)	.62 (15,7)	3.50 (90,0)	2.75 (89,0)	3/8 (M10)	20.0 (570)
SF M85 x 2	M43330056	OEM 3.0M	.53 (13,5)	.75 (19,0)	4.00 (101,6)	3.00 (76,2)	1/2 (M13)	24.0 (680)
SF M115 x 2	M43720056	OEM 4.0M	.65 (16,5)	1.00 (25,4)	5.50 (139,7)	4.38 (111,3)	5/8 (M16)	56.0 (1590)

Rectangular Flange (RF)



Catalog No./Model	Part Number	Model (Ref)	FC in. (mm)	FH in. (mm)	RD in. (mm)	RE in. (mm)	SA in. (mm)	SB in. (mm)	Bolt Size in. (mm)	Wt. (mass) oz. (g)
RF 1 3/4 -12	M5E2940053	(LR)OEMXT 3/4	.34 (8,6)	.50 (12,7)	2.38 (60,5)	3.00 (76,2)	2.25 (57,2)	1.63 (41,4)	5/16 (M8)	9.0 (260)
RF M42 x 1.5	M52940053	(LR)OEMXT 1.5M	.34 (8,6)	.50 (12,7)	2.38 (60,5)	3.00 (76,2)	2.25 (57,2)	1.63 (41,4)	5/16 (M8)	9.0 (260)
RF M85 x 2	M53330053	OEM 3.0M	.53 (13,5)	.75 (19,1)	4.00 (101,6)	5.00 (127,0)	4.00 (101,6)	3.00 (76,2)	1/2 (M13)	37.0 (1 040)

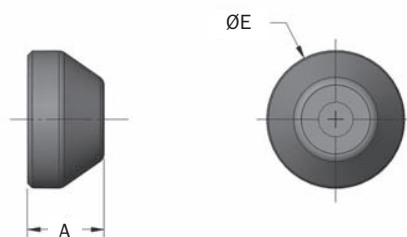
Stop Bar Kit



Kit Part Number	Model (Ref)	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F in. (mm)	T in. (mm)	Bolt Size in. (mm)	Weight (mass) oz. (g)
ΔT58706300	OEMXT 3/4	.63 (16,0)	1.03 (26,2)	2.25 (57,2)	1.63 (41,4)	.31 (7,9)	.32 (8,1)	5/16 - 24 UNF x 3/4 DEEP	5/16	6.1 (173)
ΔT52940300	OEMXT 1 1/8	.63 (12,7)	1.42 (36,1)	3.50 (88,9)	2.75 (69,9)	.38 (9,7)	.32 (8,1)	3/8 - 24 UNF x 3/4 DEEP	3/8	10.5 (298)

Notes: 1. Kit includes 2 Stop Bars, Rectangular Flange for OEM 3/4 and 1.5, Square Flange for 1 1/8 and 2.0 and Lock Ring.
2. Δ = Non-standard lead time items, contact Enidine.

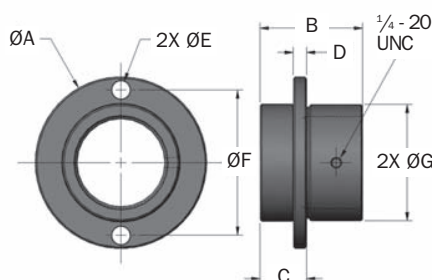
Urethane Striker Cap (UC)



Catalog No./Model	Part Number	Model (Ref)	A in. (mm)	E1 in. (mm)	Weight (mass) oz. (g)
UC 2940	C92940079	(LR)OEMXT 3/4	.97 (24,5)	1.75 (44,5)	0.5 (14)
UC 3010	C93010079	(LR)OEMXT 1 1/8	.95 (24,1)	2.25 (57,0)	0.8 (23)
UC 2940	C92940079	(LR)OEMXT 1.5M	.97 (24,5)	1.75 (44,5)	0.5 (14)
UC 3010	C93010079	(LR)OEMXT 2.0M	.95 (24,1)	2.25 (57,0)	0.8 (23)
UC 3330	C93330079	OEM 3.0M	1.22 (31,4)	3.00 (76,0)	3.0 (85)
UC 3720	C93720079	OEM 4.0M	1.47 (37,5)	3.75 (95,0)	6.0 (170)

Notes: For complete shock absorber dimension with urethane striker cap, refer to engineering data, pages 27-31.

Stop Collar With Flange (SCF)



Catalog No./Model	Part Number	Model (Ref)	A in. (mm)	B in. (mm)	C ±.002 in. (mm)	D in. (mm)	E in. (mm)	F in. (mm)	G in. (mm)	Bolt Size in. (mm)	Weight (mass) oz. (g)
ΔSCF 1 3/4 -12	M98640300	OEMXT 3/4	3.25 (83)	1.94 (49,3)	.88 (22,4)	.25 (6,4)	.34 (8,6)	2.75 (70)	2.20 (56)	5/16 (8)	20.5 (638)
ΔSCF 2 1/2 -12	M98650300	OEMXT 1 1/8	4.25 (108)	2.47 (63)	1.00 (25,4)	.38 (9,7)	.34 (8,6)	3.50 (89)	2.95 (75)	5/16 (8)	39.8 (1 238)

Notes: 1. Locking set screw feature provided as standard. 2. Δ = Non-standard lead time items, contact Enidine.