

# Series TDM

TDM (Adjustable Type) Shock / Absorber Series

Actuator  
Cylinder

TDM Series



- TDM Series have an adjustment dial, which can set 12 finite steps according to the impact velocity condition with an advanced wide dampening control range.
- TDM Series have achieved 200% of energy absorption with an expanded effective weight coverage compared with former products.
- All outside thread-typed body surface enables easy installation by fixing nuts tightly with it. Heat energy dissipation is enabled efficiently by the increased body surface area.
- Zn-Ni body coating (black color) enables to improve corrosion resistance for a long time usage.
- Stop collar is unnecessary if you're using steel head. The impact noise will be much reduced by using Poly pad or Urethane cap.
- Bearing is designed to protect seal by using special material and guarantees high durability.
- Velocity range : 0.3 - 5m/s  
Low speed : optional
- Temperature coverage : -10 - 80°C  
Special : -40 - 120°C

## How to Order

**TDM**    **4535C**    —    **SC**  
1                      2                      3

**1 Shock Absorber**  
TDM : Series

- 2 Thread × Stroke**  
TDM Power Adjustable Type  
 4525C : M45 X 1,5P X 25  
 4550C : M45 X 1,5P X 50  
 4575C : M45 X 1,5P X 75  
 6450C : M64 X 2,0P X 50  
 64100C : M64 X 2,0P X 100  
 64150C : M64 X 2,0P X 150  
 8550C : M85 X 2,0P X 50  
 85100C : M85 X 2,0P X 100  
 85150C : M85 X 2,0P X 150

- 3 Option**  
 Blank : 2EA of lock nut (basic)  
 SC : Stop collar  
 UC : Urethane cap  
 SF : Square flange  
 LC : Lock collar  
 TC : Rod clevis  
 EC : End clevis  
 CM : Clamp mount



● **Description**

TDA Series have an adjustment dial, which can set 12 finite steps according to the impact velocity condition with advanced wide dampening control range.  
 TDS Series have an ability to adjust and control deceleration force by self-compensating according to the impact velocity.  
 TDA & TDS Series have achieved 200% of energy absorption with expanded effective weight coverage compared to former products.