



YASUSU SUSPENSION

**Product Catalog- Advanced**

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**Shock absorbers**

YASUSU SUSPENSION

Her Cheng(YASUSU) Co., Ltd.

Tainan, Taiwan (R.O.C.)

[www.yasusu.com](http://www.yasusu.com)



**MOTORCYCLE AND SCOOTER**



**YASUSU SUSPENSION**



**CLASSIC MXZ R**



**YASUSU SUSPENSION**

Shock absorber specification and features-

Specification

- φ40mm damper body
- φ14mm SAE4140 shaft
- Separately oil and nitrogen gas loop design
- Wide range of bushing sizes are available
- 6061-T6 CNC machined and hard anodized
- Wide range click system of rebound damping adjustment
- Sand blasting surface treatment on top and bottom head
- Clevis head is available

Features

- High rigidity shaft(SAE4140) and tenacity body(6061-T6)
- Anodizing process applied to enhance corrosion resistance
- Hyper sensitivity response performance
- Firmly tire-to-road contact
- Dual spring rate(optional)
- Extensive rebound setting for all road conditions
- User friendly thread spring preload adjustment
- Wide range of spring and length



**MXZ R**



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## CLASSIC MXZ RC-P



# YASUSU SUSPENSION

### Suspension specification and features-

#### Specification

- φ40mm damper body
- φ14mm SAE4140 shaft
- Separately oil and nitrogen gas loop design
- φ10mm or φ12mm bushing sizes are available
- 6061-T6 CNC machined and hard anodized
- Clevis head is available(optional)
- Wide range click system of rebound and compression damping adjustments
- Piggyback nitrogen gas pressurized system

#### Features

- High rigidity shaft(SAE4140) and tenacity body(6061-T6)
- Dual spring rate(optional)
- Hard anodized black and red surface treatments
- Extensive rebound and compression settings for all road conditions
- Accessible control performance
- Feel comfortable while riding
- User friendly thread spring preload adjustment
- Wide range of spring and length



**MXZ RC-P**



YASUSU SUSPENSION

Suspension specification and features-

Specification

- φ40mm damper body
- φ14mm SAE4140 shaft
- Separately oil and nitrogen gas loop design
- φ10mm or φ12mm bushing sizes are available
- 6061-T6 CNC machined and hard anodized
- Clevis head is available(optional)
- Wide range click system of rebound and compression damping adjustments
- Piggyback nitrogen gas pressurized system

Features

- High rigidity shaft(SAE4140) and tenacity body(6061-T6)
- Dual spring rate(optional)
- Hard anodized black and red surface treatments
- Extensive rebound and compression settings for all road conditions
- Accessible control performance
- Feel comfortable while riding
- User friendly thread spring preload adjustment
- Wide range of spring and length



**MXZ RH-T**



**YASUSU SUSPENSION**

Suspension specification and features-

Specification

- φ40mm damper
- φ14mm SAE4140 shaft
- Separately oil and nitrogen gas loop design
- Wide range of bushing sizes are available
- 6061-T6 CNC machined and hard anodized
- Clevis head is available(optional)
- Wide range of rebound and compression damping adjustments
- Tilt style piggyback gas pressurized system

Features

- High rigidity shaft(SAE4140) and tenacity body(6061-T6)
- Sand blasting surface treatment on top and bottom parts
- Dual spring rate(optional)
- Hard anodized black body and spring retainer surface treatments
- High-low segments of compression setting
- Excellent response performance
- Carbon fiber piggyback decorated
- User friendly thread spring preload adjustment
- Wide range of spring and length



## MXZ R-C



## Suspension specification and features-

## Specification

- φ40mm damper body
- φ14mm SAE4140 shaft
- Separately oil and nitrogen gas loop design
- 6061-T6 CNC machined and hard anodized
- Wide range of rebound damping adjustment

## Features

- Exclusively for heavy-duty application
- Sand blasting with black color style hard anodized
- Dual spring rate(optional)
- Hyper reaction performance
- User friendly thread spring preload adjustment
- Wide range of spring and length

YASUSU SUSPENSION



**MXZ ARC-P**



YASUSU SUSPENSION

Suspension specification and features-

Specification

- φ40mm damper body
- φ14mm SAE4140 shaft
- Separately oil and nitrogen gas loop design
- 6061-T6 CNC machined and hard anodized
- Wide range of double damping adjustment
- Piggyback gas pressurized system

Features

- Exclusively for heavy-duty application
- All black color style anodized
- Dual spring rate(optional)
- Instant response performance
- Up to 20mm length adjustment
- User friendly thread spring preload adjustment
- Wide range of spring and length



## MXZ ARC-P2



YASUSU SUSPENSION

### Suspension specification and features-

#### Specification

- φ40mm damper body
- φ14mm SAE4140 shaft
- Separately oil and nitrogen gas loop design
- 6061-T6 CNC machined and hard anodized
- Wide range of double damping adjustment
- Piggyback gas pressurized system

#### Features

- Exclusively for heavy-duty application
- Hard anodized coating
- Dual spring rate(optional)
- Instant response performance
- Two ways length adjustment
- User friendly thread spring preload adjustment
- Wide range of spring and length



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**DIRT BIKE**



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**DX SERIES**



**DX R**



**DX RC-L**

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## DX SERIES

Suspension specification and features-

### Specification

φ42mm damper for mono-shock bike

φ14mm SAE4140 shaft

Oil and nitrogen gas loop design

Wide range of bushing sizes are available

6061-T6 CNC machined and hard anodized

Wide range of damping adjustment

Remote piggyback gas pressurized with compression system(DX RC-L)

### Features

Black and red color style hard anodized

Heavy spring rate

Hyper response performance

Easy control with remote piggyback(DX RC-L)

User friendly thread spring preload adjustment

Wide range of spring and length

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ATV



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## AX RC-C



## Suspension specification and features-

## Specification

- φ40mm damper body
- φ14mm SAE4140 shaft
- Oil and nitrogen gas loop design
- Double oil seal
- Wide range of bolt sizes are available
- 6061-T6 CNC machined and hard anodized
- Wide range of rebound and compression damping adjustments
- Piggyback gas pressurized system

## Features

- Dual spring rate(optional)
- Quad ATV suspension system use
- External N<sub>2</sub> gas reservoir assisted
- Easy spring preload adjustment
- Wide range of spring and length

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**SIDECAR**

**YASUSU SUSPENSION**





**SX SERIES**



**SX RC-P**



**SX RC-L**

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## SX SERIES

Suspension specification and features-

### Specification

- φ42mm damper body
- φ14mm SAE4140 shaft
- Oil and nitrogen gas loop design
- Fisheye ball joint is available
- 6061-T6 CNC machined and hard anodized
- Wide range of rebound and compression damping adjustments
- Remote reservoir gas pressurized system

### Features

- Hard anodized on shock body
- Heavy loading performance
- Dual spring rate(optional)
- Hydraulic preload setting(SX RC-L)
- Easy control with external remote reservoir assisted during riding(SX RC-L)
- Wide range of spring and length

# YASUSU SUSPENSION



## NOTE

YASUSU provides all warranty of shock absorbers. There is a free service from malfunction within 12 months in normal use since delivery. During the warranty of period, YASUSU will repair or replace the shocks for free.

### Solution

YASUSU has dedicated to producing and developing shocks in any of industries which require shocks on their own products. We have a strong R&D group and business partners for providing specific applications. Please feel free to contact us if the demand had been built.

### Limitations

This warranty does not apply to malfunction or oil leakage caused by abuse, modification or use of the product for which it was not intended.

If a problem occurs, please directly contact YASUSU service, and thoroughly describe the nature of the problems.

*For more information on using the YASUSU series products with application, please contact our Technical Support Team directly by email to [service@yasusu.com](mailto:service@yasusu.com)*



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