Innovative / Know How/ Professional



# Airsoft Upgrade Parts

### **Built for Speed and Accuracy**

MODIFY-TECH CO., LTD.



#### Feature :

- 1) Smooth and Quick Cocking Device
- 2) Adjustable Accurate Hop Up System
- 3) Wider Textured Adjustable Trigger
- 4) Removable Picatinny Top Rail
- 5) Steel Cylinder and Enhanced Metal Internal Parts.
- 6) Removable Illuminate Magazine with 30 Rounds.
- 7) Non-pellet Alert Function

- Color: Black/O.D/ TAN
- Weight:2.8KG
- Length: 110cm
- Barrel Length: 485mm
- Barrel Caliber: 6.08mm
- Bullet Type: 6mm BB
- Initial Bullet Speed: 129.5 m/s (426fps)
- Magazine Capacity: 30
- Illuminate Magazine: LED Light

### Full Tune-up Kit - Ver.2/ Ver.3

#### FTK-S

#### Speed16.32 / S100+ · Smooth16.32 / S100+

Includes: Modular Gear Set with Tempered Stainless Bushes (Double Oil Grooves) + Cylinder + Piston head + Stainless Bushes + Cylinder head + Antireversal Latch + Tappet + Rotary spring guide + Ultra Piston + Nozzle + Spring + Synthetic Lubricant with PTFE

#### FTK-T

#### Torque 21.6:1 / S120+ • Smooth 21.6 / S120+

Includes: Modular Gear Set + Cylinder + Piston head + Stainless Bushes + Cylinder head + Anti-reversal Latch + Tappet + Rotary spring guide + Piston + Nozzle + Spring + Synthetic Lubricant with PTFE

#### FTK-U

#### Torque 21.6:1 / S130+ • Smooth 21.6 / S130+

Includes: Modular Gear Set + Bore-up Cylinder + Bore-Up Piston head + Stainless Bushes+ Bore-Up Cylinder head + Anti-reversal Latch + Tappet + Rotary spring guide + Piston+ Bore-Up Nozzle + Spring + Synthetic Lubricant with PTFF





### **Complete Upgraded Gear Box**





For M16 series, we use rear wire, for M4 series, we use front and rear wire.

#### GC101201

For M16-A1/V (Speed Type / S100+, 8mm)

GC102201 For M16-A2 (Speed Type / S100+, 8mm)

GC107101 For M4-A1/RIS/SR16 (Speed Type / S100+, 8mm)

GC107201 For M4-A1/RIS/SR16 (Speed Type / S100+, 8mm)

## Trigger

**GB-10-11** Steel Trigger for M16 Series Material: Steel Construction

#### GC202201

For M16-A2 (Torque Type / S120+, 8mm)

GC207101 For M4-A1/RIS/SR16 (Torque Type / S120+, 8mm)

GC207201 For M4-A1/RIS/SR16 (Torque Type / S120+, 8mm)

GC201201 For M16-A1/V (Torque Type / S120+,8mm)



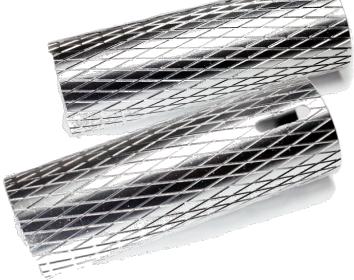


### Cylinder

**GB013601 DMND** Cylinder

For G3, M16-A1/VN, M16A2, AK

**GB013701 DMND** Cylinder For M4-A1/SR16



Development of new idea. New surface design. Friendly use.





#### Features:

- A diamond pattern wrapping around 1) a cylinder design makes tappet go more smoothly.
- The extra cut in the front makes the 2) tappet retract a little bit further when operation. Increases the stroke to have a good performance.



**GB013800** Cylinder For MP5-A4/A5





**Modify** www.modify.com.tw

### **Hop Up Bucking**

#### **GB-05-60**

#### 2-Ring Hop Up Bucking

Material: Rubber Two ribs prevent sliding and maximize the seal.



### **GB-05-61**

#### 2-Ring+ Hop Up Bucking

Material: Rubber Special for Modify Hybrid Inner Barrel. Airtight Up !



#### **GB-06-62**

Hop Up Bucking

For VSR-10, TM Hi-CAPA, M1911A1, SIG P226, SOCOM MK23, GLOCK 26 Series

#### 1st Class Aircraft Rubber + 1 Grade of Hop Up Bucking



Shape-optimized pressure point makes the hopper more accurate and stable with faster pressurization.



#### Features:

- 1) Excellent extreme temperature properties
- 2) Improved air seal
- 3) Excellent compression set
- 4) Superior tear resistance
- 5) High abrasion resistance



### Hop Up Bucking Set

#### **GB-05-63**

#### BATON RYUSKU Hop Up Bucking Set

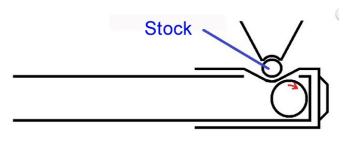
Design in Japan and made in Taiwan. Features stabilizing the hopper when using heavy BBs. (0.25g or above heavy BBs).

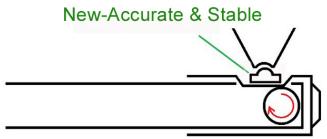


#### **GB-06-64**

#### BATON RYUSKU Hop Up Bucking Set (Soft Type)

Design in Japan and made in Taiwan. Features stabilizing the hopper when using 0.2g BBs.



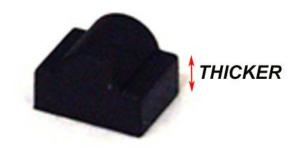




Based on the Hard Type of MODIFY BATON RYUSOKU HOP UP BUCKING, we did a little bit improvement on the Flat Hop Up Nub.

We made the Nub thicker. It allows the adjustment of the trajectory

much more, and it would be better for its performance.





### **Reinforced Ver.2 Gear Box -TORUS**

#### **GB-10-01**

TORUS 7mm (Black)

Material : Zinc Alloy Metal Includes : Reinforced Gearbox Tappet\*1 TORX® Key T10\*1 Screw Set No. 6\*9

**GB-10-02** 

#### TORUS 8mm (White) Material : Zinc Alloy Metal Includes : Reinforced Gearbox Tappet\*1 TORX® Key T10\*1 Screw Set No. 6\*9



#### Features:

Inspection ports allow for instant visual checks of the gearbox internals and enable lubrication without disassembly.

Fluted gearbox casing increases strength, reduces weight and dissipates heat more efficiently, allowing Torus to run cooler than conventional gearboxes.

Oversize, high-torque screws ensure a secure fit and prevent loosening of gearbox and components.

Unique internal and external reinforcement to address the problem of front-end cracking previously encountered in Ver. 2 gearboxes.





### **Screw Set**

#### **GB-05-09**

#### **TORUS Ver.2 High Torque Gearbox Screw Set**

Material : Steel Larger High-torque screws for a tighter lock down and to avoid thread stripping. 2 types: 9 pcs in total



### **Anti-reversal Latch**

#### **GB-05-03**

For Marui series Ver.2/ Ver.3 Material : Steel

#### **GB-05-04**

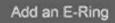
For Marui series Ver.6 Material : Steel

#### **GB-05-05**

For Marui series Ver.7 Material : Steel

**GB-05-06** For Modular Gear Set Ver.2/Ver.3 Material : Steel









With a groove at the end to release the spring.



### Wellock Bracer

#### **GB-10-10**

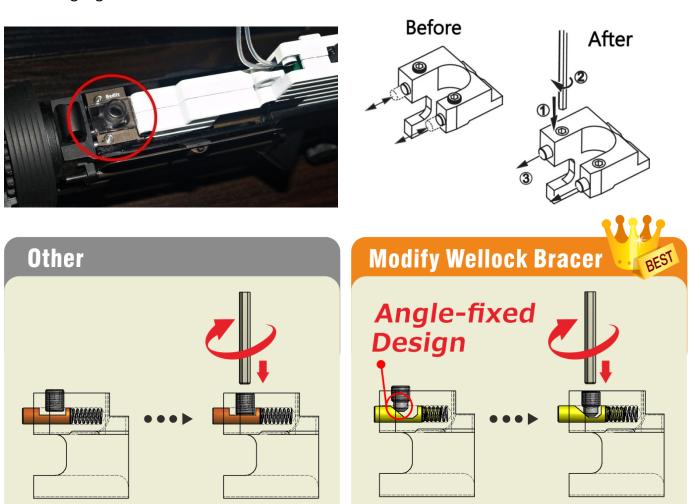
#### Angle - fixed designed bracer For AEG Ver.2 Gear Box

It fills the space around Hop-up chamber to address the problem of front – end cracking previously encountered in Ver.2 gearbox.

#### Features:

- 1) Two grooves offer perfectly lean against the front head of gearbox, increase the stability.
- Friendly design offers an extra channel for wiring, prevents wire damaging.







### Accurate Metal Hop Up Chamber

HP-02-01 For M16 / M4 Series



#### Features:

 Pressure Plates are interchangeable between raised pressure point type to the stock. Gives you two pressure plates for the price of one.



**Modify** www.modify.com.tw

 Redesigned pressure plate by adding an adjustment gear making accurate adjustment easier.



3) Adjustment button with o-ring to assure tightness.



 We hardened the pressure point making the hopper more accurate and stable with faster pressurization.



### Hybrid 6.03mm Precision Inner Barrel

#### **Features:**

1) 1st Class Stainless Steel + Aircraft Aluminum Alloy

> 1 GRADE INNER BARREL... ACCURATE

- 2) 6.03mm Tight Bore High Performance
- 3) Extremely Straight with High Rigidity and Accuracy
- 4) Guided by an O-Ring to reduce barrel vibration.
- 5) Comes with a Modify 2- Ring+ Hop Up Bucking, airtight up!



HP-03-01	141 mm	for MP5K-PDW
HP-03-02	229 mm	for MP5
HP-03-03	247 mm	for CAR15, P90, G36C, SIG552
HP-03-04	285 mm	for M4 CQB-R, MC51
HP-03-05	300 mm	for Next Generation G36K, M1A1, M733, MC51+
HP-03-06	363 mm	for M4A1 New & Old Types/R.I.S./SR16,
		XMXM177E2, SIG551
HP-03-07	407 mm	for M4A1/R.I.S/SR16, SIG551 (ALL +)
HP-03-08	433 mm	for Type 89, BAR10/VSR10
HP-03-09	455 mm	for AK47/AK47S
HP-03-10	469 mm	for G3-A3/A4/SG1
HP-03-11	500 mm	for TM M14
HP-03-12	509 mm	for M16A1/ A2/ VN, AUG, M249
HP-03-13	550 mm	for M16A1/ A2/ VN, AUG (ALL+)
HP-03-14	590 mm	for PSG-1
HP-03-15	650 mm	for PSG-1+
HP-03-17	485 mm	for MOD24 Series



IN HYBRID

433mm

### Hybrid 6.01mm Precision Inner Barrel

#### **Features:**

1) 1st Class Stainless Steel + Aircraft Aluminum Alloy

> 1 GRADE INNER BARREL... ACCURATE

- 2) 6.01mm Tight Bore High Performance
- 3) Extremely Straight with High Rigidity and Accuracy
- 4) Guided by an O-Ring to reduce barrel vibration.
- 5) Comes with a Modify 2- Ring+ Hop Up Bucking, airtight up!



odify

HP-03-31	141 mm	for MP5K-PDW
HP-03-32	229 mm	for MP5
HP-03-33	247 mm	for CAR15, P90, G36C, SIG552
HP-03-34	285 mm	for M4 CQB-R, MC51
HP-03-35	300 mm	for Next Generation G36K, M1A1, M733, MC51+
HP-03-36	363 mm	for M4A1 New & Old Types/R.I.S./SR16,
		XMXM177E2, SIG551
HP-03-37	407 mm	for M4A1/R.I.S/SR16, SIG551 (ALL +)
HP-03-38	433 mm	for Type 89, BAR10/VSR10
HP-03-39	455 mm	for AK47/AK47S
HP-03-40	469 mm	for G3-A3/A4/SG1
HP-03-41	500 mm	for TM M14
HP-03-42	509 mm	for M16A1/ A2/ VN, AUG, M249
HP-03-43	550 mm	for M16A1/ A2/ VN, AUG (ALL+)
HP-03-44	590 mm	for PSG-1
HP-03-45	650 mm	for PSG-1+



### **Bore-Up Cylinder**

Material: Aluminum / N-B electrolyzed Plating With Ribbed walls finish

#### Features:

- 1) Ribbed surface finish increases cylinder's surface area contacting air, and thus increasing the heat dissipation rate.
- 2) Fine and smooth inner surface finish easily fulfills the piston reciprocation.
- 3) Please use with M120 spring or higher.



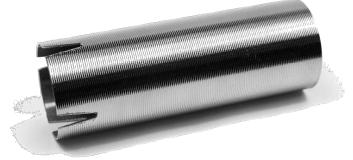


GU-01-01

For M-16A1/VN/A2, G3, AUG, **AK47** 



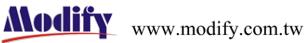
#### **GU-01-02** For M4A1 M653E2 (extended)



GU-01-03 For M4A1, XM177, SIG551, MC51







🔺 Marui Type

🔆 Marui / CA Type

### Cylinder Set

Includes: Cylinder/ Cylinder Head/ Air Seal Nozzle/ Piston Head/ Piston.

**GB014701**  $\triangle$  For M16-A2 ■ GB014901 △ For AK-47, 47S **GB015001**  $\triangle$  For AUG **GB015101**  $\triangle$  For XM177-E2 GB015201 △ For M4-A1/RIS/SR16 ■ GB015301 △ For SIG551 **GB015401** △ For MP5-A4, A5, SD5, SD6 GB015501  $\triangle$  For SIG552 **GB015601**  $\triangle$  For G36C **GB015700** ※ For P90 ■ GB015901 △ For CAR15 GB016001 🛆 For MP5K/PDW 📕 GB014600 🔺 For M16-A1, VN GB014700 A For M16-A2 GB014800 A For G3-A3, A4, SG1 **GB014900 A** For AK-47, 47S GB015000 A For AUG GB015100 A For XM177-E2 GB015200 For M4-A1/RIS/SR16 GB015300 A For SIG551 GB015400 A For MP5-A4, A5, SD5, SD6 GB015500 ▲ For SIG552 **GB015600 A** For G36C **GB015800 A** For MC51 GB015900 A For CAR15 GB016000 For MP5K/PDW



### **Bore-Up Cylinder Set**

Includes:

Bore-Up Cylinder/ Bore-Up Cylinder Head/ Bore-Up Air Seal Nozzle/ Bore-Up Piston Head/ Piston.

Material:

Aluminum/ POM/ Polycarbonate Please use with M120 spring or higher.  $\triangle$ CA Type ▲ Marui Type





### **Piston Head**

#### **GB-02-01**

For Marui All (Except PSG-1)

Material : Aircraft aluminum alloy. Weight : 12.6g

#### **GB-02-02**

### For PSG1/AK74MN/AKS74U (Ver.4 &Ver.9)

Material : Aircraft aluminum alloy. Weight : 16g

#### Features:

Electroplated finish & Hardness UP! With a quality thrust bearing. Extremely fine made with revolutionary design to be more effective, and is 100% airtight.





#### **GB-02-03**

Material : Polycarbonate Weight : 10g

#### Features:

Aircraft aluminum alloy construction with bearing -Extremely fine made with revolutionary design to be more effective, and is 100% airtight. It's for Modify System a series Bore-Up Cylinder use.





### **Bore-Up** Piston Head

#### GU-02-01

Material : Polycarbonate / Rubber With stainless screw nut





#### GU-02-02

Material : Aircraft aluminum alloy. Weight: 15g

#### Features:

Durable and lightweight. It's for Modify System series Bore-Up Cylinder use.

#### **GU-02-03**

For Ver.2/ Ver.3/ Ver.6/ Ver.7 Material : : Aircraft aluminum alloy. Weight: 10g

#### Features:

Aircraft aluminum alloy construction with bearing Extremely fine made with revolutionary design to be more effective, and is 100% airtight. It's for Modify System series Bore-Up Cylinder use.





### **Stainless Bushing**

**GB-03-01 Double Oil Tank (6pcs)** Material : Stainless Steel

**GB-03-04** 

Features:

friction.

**Oil-less (6pcs)** Material : Stainless Steel



#### 1) It has high durability against high speed operation and heavy load. 2) The "double oil tank" design features its very good lubricity to reduce the 3) Additional stainless bush without oil tank available from stock for immediately delivery.

#### **GB-03-02** For P90/M1A (6pcs) Material: Stainless Steel

#### **GB-03-21**

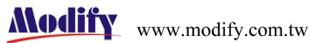
For Jing Gong Type (6pcs) Material : Stainless Steel

#### Features:

1) It has high durability against high speed operation and heavy load. 2) The "double oil tank" design features its very good lubricity to reduce the friction.

#### Material: Stainless Steel





### **Thermal Stainless** Bushing

**GB-03-05** (6.1mm/ 2pcs) For Marui Original

**GB-03-06** (6mm/ 2pcs) **GB-03-07** (7mm/ 2pcs) **GB-03-08** (6.1mm/ 6pcs) For Marui Original

**GB-03-09** (6mm/ 6pcs) **GB-03-10** (7mm/ 6pcs) GB-03-22 (8mm/ 6pcs)

#### Features:

1) Material: Stainless steel / Thermal Treatment

The definitive parts of MODIFY Stainless Bushing.

2) It has a convex surface to reduce the contact area

With the gear set thereby resulting in low traction, to be much more effective and durable. It matches the best to all operational conditions, including the use with High-Speed Gear Set and with Ultra **Torque-Up Gear Set** 





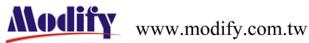


### Ball Bearing

**GB-03-03** (6mm/ 6pcs) **GB-03-37** (7mm/ 6pcs) GB-03-38 (8mm/ 6pcs) Material: Steel

3 types:6mm/7mm/8mm





### **Stainless Ball Bearing**

**GB-03-18** (6.1mm/ 2pcs)

- **GB-03-19** (6mm/ 2pcs)
- **GB-03-20** (7mm/ 2pcs)
- GB-03-23 (8mm/ 6pcs)

#### Features:

Material: SUS Revolutionary designed to be more effective and durable. For Modify SMOOTH Gear Set use only.

### Ceramic **Ball Bearing**

**GB-03-33** (8mm/ 6pcs)

#### Features:

1) Rolling Element: Silicon Nitride Balls. 2) Ceramic balls are over 100% harder than steel balls.

3) In a hybrid bearing, the extremely hard and smooth.

4) Ceramic Ball keeps raceways clear of contaminants by pushing them away from the contact patch.

5) The ceramic ball remains extremely smooth, preventing ball to race damage. 6) For the end user, this means reduced bearing wear and longer bearing life at high precision.

Vickers Hardness 10 KG Load: Ceramic = 1550, Steel = 730



Benefits of Hybrid Bearing Attributes: Dissimilar Materials (Steel and silicon nitride) / Less Wear / Lower Operating Temperature / Higher Speed / Extended Bearing Life / Lower Friction Stiffness / Lower Vibration.



### Modify 2006 Bushing Set

**GB-03-11** (6mm)

Includes:

1) Bushing installation tool set (1 wrench and 1 hand-press)

2) Tempered Stainless bushings for the spur gear (2-pieces)

3) Stainless bushings w/double oil groves (4-pieces)

Please replace the bushes on the spur gear with Tempered Stainless Bushing.



### Tempered Bushing Set

GB-03-12 (6.1mm)
 GB-03-13 (6mm)
 GB-03-14 (7mm)



Includes:

 1) Bushing installation tool set (1 wrench and 1 hand-press)
 2) Tempered Stainless bushings (6-pieces)

3) Please replace the bushings on the

spur gear with Tempered

Stainless Bushing.





## **Cylinder Head**

#### Features:

Exact center setting for the port of nozzle keeps air lose Double O-ring design features it's 100% airtight

-Aluminum alloy construction / plating (silver).

-It's ultra light and durable.

-Redesigned the port of nozzle - making it like a bell to allow a further better performance.

-Compatible with Classic Army, Tokyo Marui.

#### GB-04-01

#### For Classic Army Ver.2/ Ver.3







**GB-04-12** For Ver.2





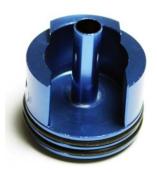
**GB-04-13** For Ver.3

**GB-04-14** 

**GB-04-15** 

For PSG-1

For AUG







**GB-04-16** For Ver.6



**GB-04-17** For Ver.7



### Shim Set

#### GB-05-01

#### Stainless Steel Shim Set

Material: Stainless Steel

- 1) To enable the accurate adjustment of the gear set.
- 2) Add one more type of shims with the minimum thickness 0.1mm, enable a much more accurate adjustment.
- 3) 4 types: 24 pcs in total 0.1mm: Small Size (Thin) X 6
- 0.15mm: Large Size (Thin) X 6
- 0.3 mm: Small Size (Thick) X 6
- 0.5 mm: Large Size (Thick) X 6

#### **GB-05-07**

Advanced Shim Set

Material: Stainless Steel Material: Stainless Steel

- 1) It's small diameter. Mini type. 2types:20 pcs in total 0.1mm (thick) X 4.5mm (OD) X10 0.15mm (thick) X 4.9mm (OD) X 10
- 2) Small outer diameter is best use with ball bearings.

#### **GB-05-39**

#### Advanced Shim Set

Stainless Steel construction. Enable the accurate adjustment of the gears.

- 0.1mm: Mini Size X 6
- 0.15mm: Small Size X 6
- 0.3 mm: Small Size X 6
- 0.5 mm: Large Size X 6
- 4 types: 24pcs in total





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### Spring Set GB-05-02

#### For Ver.2/ Ver.3 Gearbox

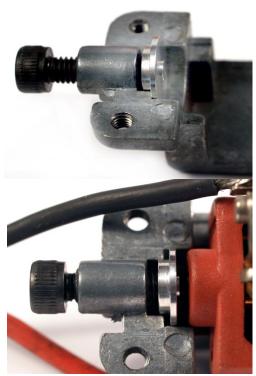
Material: Steel Included: -Anti-reverse Latch Spring, 1 piece -Safety Catch Spring, 1 piece -Ver.2 Cut Off Lever Spring, 1 piece -Ver.3 Cut Off Lever Spring, 1 piece -Switch Spring, 1 piece -Tappet Spring, 1 piece -Screw, 3 pieces



### **Motor Plate**

**GB-05-08 (2pcs)** 

Connect with motor and mount







### Safety Catch **GB-05-11**

#### For Marui M16 series

Material: Polycarbonate Included: Safety catch X 1 Screw X1



### Tappet **GB-05-12**

#### For Gear box Ver.2

Material: Polycarbonate Compatible with TORUS gear box and the other brand Ver.2 gear box.



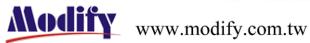
#### **GB-05-1**3 For Gear box Ver.3 Material: Polycarbonate



#### **GB-05-14**

#### **Special Tappet For Ver.2** (Modify Quantum Gear set)

Material: Polycarbonate



### **Selector Plate**

For M16 series, G3 series, MP5 Series, AK Series

Heat-resistant materials 6mm ~ 8mm Ball Bearing compatible

### **GB-05-21**

For M16 series



### **Cut Off Lever**

Material : Steel With a Ver.2/Ver.3 Cut Off Lever and a spring

#### **GB-05-32** Ver. 2



**GB-05-22** For G3 series



**GB-05-33** Ver. 3





# GB-05-24 For AK series



### **Switch Assembly**

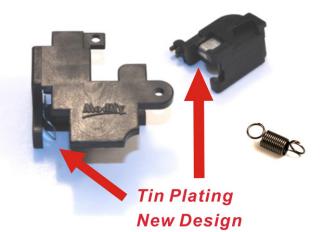
#### **GB-05-40**

#### High Power Switch for Ver. 2 Anti-Heat Temperature:

220 degrees Celsius

#### Material:

Copper with tin-plating/Anti-Heat Nylon The attached switch spring is strong and durable.



### Low resistance Sliver-plated cord

#### **GB-05-47**

Size: 50 core Conductor: Low resistance Silver plated copper wire Insulation: High Temperature FEP Approximate Overall Diameter: 1.86mm Length: Approx. 180cm



## Motor Connector Plug Set

#### **GB-05-48**

Material: BRASS/Tin plating Speed, easy and friendly using for worn out motor wire plugs





### Spring Guide with Bearing

#### Material:

Aircraft aluminum alloy/ Anodic hardening 1) With a bearing inside.

2) It is designed to minimize the load on the motor caused by the spring torsion.

GB-06-02 For A&K/ CA M249 Material: Made of steel.

1) With quality thrust bearing.

2 It is designed to minimize the load on the motor caused by the spring torsion.

3) The base and the two wings are shaped in one-piece form to make a high durability.4) It fits in with any spring from stock to M170.





### Rotary Spring Guide with Bearing

Material: Steel

#### Features:

**Rotary Shaft Design** 

It's designed to minimize the load on the motor caused by the spring torsion. The base and the two wings are shaped in one-piece form to make a high durability. The Rotary Shaft design makes the spring effectively spring back. It fits in with any spring from stock to M170.



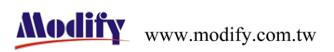


GB-06-11 For Ver.2 (Marui, G&P & CA Ver.2 Series)









### Polycarbonate **Piston**

It is lightweight, tough and has high impact-durability.

\*Economic version available Material: Polycarbonate.

#### Features:

Modify Piston metal tooth is made of wearresisting alloy steel via special technique unlike the conventional ones.

It has high durability against high speed operation and heavy load of the gears. It suits to all the mainstream upgrades for Tokyo Marui AEG's and has an excellent performance.

\*econ. version = not including the steel tooth.



Wear-resisting alloy steel has high Durability against heavy load



Suits to all the upgrades for Tokyo Marui AEG's











### **Ultra Piston**

-Polycarbonate structure with 7 wearresisting alloy steel teeth.

-All the teeth are enhanced.

-For high speed application.

-Suit to all the upgrades for Tokyo Marui series AEG's.

- 1) Cut off a tooth
- 2) 3 lubricant grooves





# **GB-07-03** (w/ 7 Metal Teeth)



#### **GB-07-13** High Speed Ultra Piston (w/ 7 Metal Teeth)





# Quantum Piston

#### **GB-07-04**

## (w/ 7 Titanium Coating Full Metal Teeth)

Specification:

Titanium coating full metal teeth Ultimate 1) Redesigned lightweight polycarbonate construction

2) Ultimate wear-resisting alloy steel teeth with Titanium coating

- 3) Perfect length ratio of the lubricant rails
- along the side gives an absolutely faultless performance inside the gearbox.
- 4) For high power / high speed application The favorite choice for all power custom.



### **Air Seal Nozzle**

Add an O-ring, which allows for good airflow.

Made of high grade POM, which features its oilless for an improving durability. New Design:

- 1. Better for BBs feeding, faster and more smoothly
- Improved internal gearbox parts 2. operation.

**GB-08-02** For M16A1/VN, XM-177E2, **CAR-15** 







**GB-08-04** For AK

**GB-08-05** 

For G3-A3, A4,

**GB-08-06** 

For MP5K, PDW

SG-1, MC51



**GB-08-11** For M16A2, M4A1, RIS, SR16



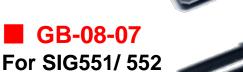
**GB-08-12** For P90



**GB-08-13** For M14



**GB-08-14** For Classic Army/ **ECHO1 SCAR Series** 





**GB-08-10** For PSG-1

**GB-08-08** 

**GB-08-09** 

For G36C

For AUG



### Moto Pinion Gear

#### **GB090100**

For Top M60/ M249

Material : Stainless Steel w/ Thermal Treatment



GB090200 For Marui Motor Series Material : Steel





### **Gear Set**

- None modular type.

- Compatible with Ver.2/Ver.3/Ver.6 gearbox.

Material: Steel / Nano-class surface treatment

Specification:

1. Unique gear with extremely fine design, and with Nano-Class surface treatment.

2. Significantly improve its anti-fatigue strength and extend the service life. 3. Substantially reducing the friction

coefficient of the gear.

**GB090500** 

Nano Torque 22.2 : 1

4. Noise reduction



- Compatible with Ver.2/Ver.3/Ver.6 gearbox.

- Material: Steel /Thermal Treatment









### Gear

-Compatible with Modify Gear Set.

Material: Steel /Thermal Treatment NANO Torque Gear

#### Specification:

1. Unique gear with extremely fine design, and with Nano-Class surface treatment.

2. Significantly improve its anti-fatigue strength and extend the service life. 3. Substantially reducing the friction coefficient of the gear.

4. Noise reduction

#### GB093101 **Bevel Gear** Ver.2/Ver.3/Ver.6 (Torque)



#### **GB093110 Bevel Gear** Ver.2/Ver.3/Ver.6 (Nano Torque)

**GB093201 Spur Gear** Ver.2/Ver.3/Ver.6 (Torque)

GB093210 **Spur Gear** Ver.2/Ver.3/Ver.6 (Nano Torque)





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#### **GB093300 Sector Gear**

Ver.2/Ver.3/Ver.6 (Torque/ Speed)



**GB093401** 

**Spur Gear** Ver.2/Ver.3/Ver.6 (Speed)



#### **GB093501**

**Bevel Gear** Ver.2/Ver.3/Ver.6 (Speed/ Top Gear)



#### **GB093601**

**Spur Gear** Ver.2/Ver.3/Ver.6 (Top Gear)



**GB093700** 

**Sector Gear** Ver.2/Ver.3/Ver.6 (Top Gear)



### **SMOOTH Gear**

Material: Steel/Thermal Treatment With Ball Bearing inside, 2 pieces. NANO Torque Gear

#### Specification:

1. Unique gear with extremely fine design, and with Nano-Class surface treatment.

2. Significantly improve its anti-fatigue strength and extend the service life. 3. Substantially reducing the friction coefficient of the gear. 4. Noise reduction

#### **GB094100**

**SMOOTH Bevel Gear** Ver.2/Ver.3/Ver.6 (Torque) w/ Ball Bearing



GB094210

**SMOOTH Spur Gear** Ver.2/Ver.3/Ver.6 (Nano Torque) w/ Ball Bearing 8mm



### **GB094300**

**SMOOTH Sector Gear** Ver.2/Ver.3/Ver.6 (Torque/ Speed) w/ Ball Bearing



### **GB094401**

**SMOOTH Bevel Gear** Ver.2/Ver.3/Ver.6 (Speed) w/ Ball Bearing



#### GB094201

**SMOOTH Spur Gear** Ver.2/Ver.3/Ver.6 (Torque) w/ Ball Bearing



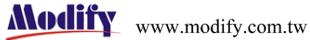
**GB094501** 

**SMOOTH Spur Gear** Ver.2/Ver.3/Ver.6 (Speed) w/ Ball Bearing



**GB094110 SMOOTH Bevel Gear** Ver.2/Ver.3/Ver.6 (Nano Torque) w/ Ball Bearing 8mm





### **Modular Gear Set**

### 1<sup>st</sup> generation –Bushing type

- Material: Steel /Thermal Treatment /
- Compatible with Ver.2/Ver.3 gearbox
- Patent pending.

#### -- Includes:

- Modular Gear Set with Tempered 1) Stainless Bushing (Double Oil Grooves)
- 2) **Stainless Bushing**
- 3) Anti-reversal latch
- Synthetic Lubricant with PTFE 4)

#### **Features:**

- Redesigned Anti-reversal latch
- -Tempered stainless bushes are fixed.
- Install easy (no need to shim)

### **GB091201**

Mari Ver.2/3 (Torque 21.6:1) **GB091202** 6mm Ver.2/3 (Torque 21.6:1) **GB091203** 7mm Ver.2/3 (Torque 21.6:1)

GB091204 8mm Ver.2 / 3 (Torque 21.6 : 1)

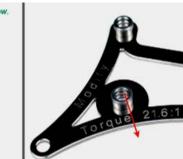
### **GB091401**

Mari Ver.2/3 (Speed 16.32:1) **GB091402** 6mm Ver.2 / 3 (Speed 16.32 : 1) **GB091403** 7mm Ver.2 / 3 (Speed 16.32 : 1) **GB091404** 

8mm Ver.2 / 3 (Speed 16.32 : 1)



You can release the spring easily and safely now



Redesigned Anti-reversal latch

Add an E-Rine



Stainless bushes 6mm/6.1mm/7mm

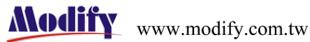




Tempered stainless bushes are fixed

Install easy (no need to shim)





### Nano Torque **Modular Gear Set**

### 1<sup>st</sup> generation –Bushing type

-Material: Steel /Thermal Treatment / Compatible with Ver.2/Ver.3 gearbox. -Includes:

1) Modular Gear Set with Tempered Stainless Bushing (Double Oil Grooves)/

- 2) Stainless Bushing
- 3) Anti-reversal latch
- 4) Synthetic Lubricant with PTFE

### **Features:**

NANO Gear Torque

- 1. Unique gear with extremely fine design, and with Nano-Class surface treatment.
- 2. Significantly improve its anti-fatigue strength and extend the service life.
- 3. Substantially reducing the friction coefficient of the gear.

4. Noise reduction

### **GB091101**

Mari Ver.2/3 (Nano Torque 22.2 : 1)

### **GB091102**

6mm Ver.2 / 3 (Nano Torque 22.2: 1)

### GB091103

7mm Ver.2 / 3 (Nano Torque 22.2 : 1)



Maintain easy

Built for speed and accuracy



### **Modular Gear Set**

#### 1<sup>st</sup> generation –Bushing type Top Gear

-Material:

Steel /Thermal Treatment Compatible with Ver.2/Ver.3 gearbox -Includes:

- 1) Modular Gear Set with Tempered Stainless Bushing (Double Oil Grooves)
- 2) Stainless Bushing
- 3) Anti-reversal latch
- 4) Ultra Piston (7metal teeth)

### **GB091501**

Mari Ver.2/ 3 (Top Gear 15.05 : 1)

### **GB091502**

6mm Ver.2 / 3 (Top Gear 15.05 : 1)

**GB091503** 

7mm Ver.2 / 3 (Top Gear 15.05 : 1)





### **Modular Gear Set** - SMOOTH

Material: Steel/Thermal Treatment

#### Includes:

Modular Gear Set with 2pcs of 7mm Ball Bearing for each 3 gear, with Stainless Bushing\*1/ Anti-reversal latch\*1/ Gear Key\*1 (Option)

Compatible with Marui series Ver.2/Ver.3 gearbox. Including the reinforced Ver.2 gearbox

#### **GB092101** Mari Ver.2/3 (Torque 21.6:1) **GB092102** 6mm Ver.2/3 (Torque 21.6: 1) **GB092103** 7mm Ver.2/3 (Torque 21.6: 1) **GB092104** 8mm Ver.2 / 3 (Torque 21.6 : 1)

**GB092101** Mari Ver.2/3 (Speed 16.32:1) **GB092102** 6mm Ver.2 / 3 (Speed 16.32: 1) **GB092103** 7mm Ver.2 / 3 (Speed 16.32: 1) GB092104 8mm Ver.2 / 3 (Speed 16.32 : 1)



Torque type and speed Type available





Ball Bearing inside keeps smooth)

Add an E-Ring



ARC design allows adjusting





Dismantle the gear set by removing the nut

The Gear Key is option



### Nano Torque **Modular Gear Set** - SMOOTH

Material: Steel/Thermal Treatment

Includes : Modular Gear Set with 2pcs of 7mm Ball Bearing for Sector Gear/2pcs of 8mm Ball Bearing for each Spur Gear and Bevel Gear, with Stainless Bushing\*6/ Anti-reversal latch\*1/ Gear Key\*1 (Option)

Compatible with Marui series Ver.2/Ver.3 gearbox. Including the reinforced Ver.2 gearbox.

### Features:

NANO Gear Torque 1. Unique gear with extremely fine design, and with Nano-Class surface treatment. 2. Significantly improve its anti-fatigue strength and extend the service life. 3. Substantially reducing the friction coefficient of the gear. 4. Noise reduction

### **GB092011**

Mari Ver.2/3 (Naon Torque 22.2:1)

#### GB092012 6mm Ver.2/3 (Nano Torque 22.2:1) **GB092013**

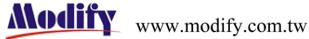
7mm Ver.2 / 3 (Nano Torque 22.2: 1) GB092014

8mm Ver.2/3 (Nano Torque 22.2:1)



Dismantle the gear set by





### **Quantum Gear Set**

### **GB096100**

For Ver.2/ 3/ 6 Gearbox 16.32:1

Includes:

- Spring Guide Spacer
- Special Tappet Ver.2

#### **Features:**

"Two-Sector" design allows double cycle-two shots per sector gear cycle.





### Bore-Up Cylinder Head

It is designed for Bore-Up specification to make the higher power. R type, double O-ring design and exact center setting for the port of nozzle keep air no lose!

#### **GU-04-01**

For CA Ver. 2/ Ver. 3 (silent) Material : Aluminum Alloy





**GU-04-02** For CA AUG/ G36C (silent) Material : Aluminum Alloy





GU-04-03 For Ver.2/ Ver.3 (non silence) GU-04-04

For AUG/ G36C (non silence) Material : Aluminum Alloy





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#### **GU-04-12**

For Ver.2 (silent) Material : Aluminum Alloy





**GU-04-13** For Ver.3 (silent) Material : Aluminum Alloy





**GU-04-14** For AUG/ G36C (silent) Material : Aluminum Alloy



**GU-04-16** For Ver.6 (P90) (non silence)

Material : Aluminum Alloy





### Bore-Up Air Seal Nozzle

-It's compatible for Modify/ System a Bore-Up Cylinder Head. -New released Bore-Up Nozzle for P90 -Made of high grade POM, which

features its oilless for an improving durability.

### **GU-08-02**

For M16A1, VN/XM177E2/ CAR-15



**GU-08-03** For MP5-A4, A5, SD5, SD6

**GU-08-04** 

For AK

**GU-08-10** For PSG-1



**GU-08-11** For M16A2, M4A1, RIS, SR16



**GU-08-05** For G3-A3, A4, SG-1, MC51



**GU-08-06** For MP5-K, PDW





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**GU-08-07** For SIG-550, 551, 552







For AUG

**GU-08-09** 

### **TREMORS Recoil System** For M4 Carbine

#### HP-01-01

-Includes: **Recoil Action/** Recoil Spring Guide/ Primary Screw/ Secondary Screw

The different design of Tremors Ver.2 is the separate hammer and hammer guide. This design will make the recoil impact jolt more realistic. Let you feel more powerful when you install it in the M4 Carbine.





HP-01-10 **Tremors M4 Recoil End Cap** 



HP-01-11 **Tremors M4 Recoil Primary Screw** 





### HP-01-12

**Tremors M4 Recoil Secondary** Screw



**HP-01-13 Tremors M4 Recoil Spring Set** 



HP-01-14 Tremors M4 Recoil Main Tube



### Super Plug

### PL-01

**Ultra Plug (T-Shape Connector)** High power/ Gold-plated.





#### **PL-03**

#### Ultra Low Resistance Banana Connectors

The Ultra Low Resistance Banana Connectors is designed for high current applications. It is used between the batteries and gearbox on AEG for joining wires.

1). A set of 2 gold plated oxygen free copper banana connectors, which provides excellent conduction and low corrosion. 2). A small type of 2mm, reduce contact resistance, and it's all about convenience for connection. 3). Separate gold plated berylliumcopper leaf spring contacts for maximum current transfer. 4). A cut groove is easy for soldering, which reduces excessive solder volume which interferes with the path of electrical current. 5). Come with 4 pieces of colored (black and red) shrink tubing.





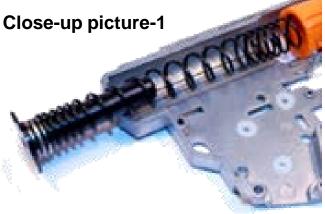
### A.E.G. Irregular-Pitch Spring

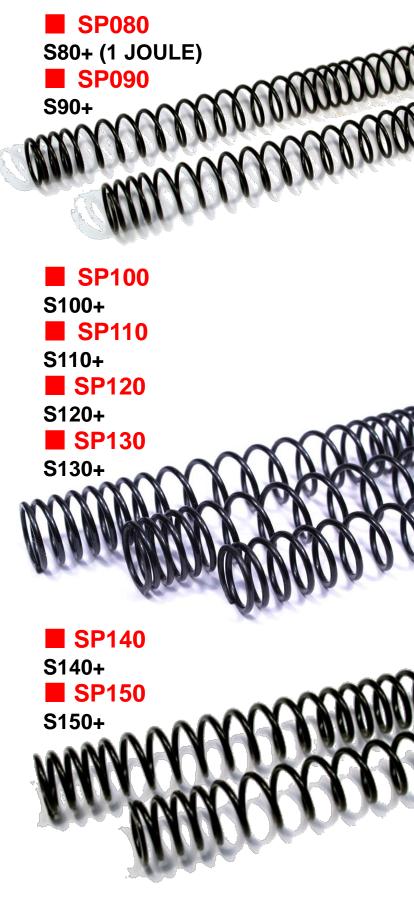
### Features:

It is finely manufactured from A class piano wire. Very durable and strong.
Irregular pitch coiling for enhanced performance. Very Consistent FPS.
Easy to install. Every spring has gone through vigorous and Sophisticated quality tests from the moment a new design leaves the software drawing through to final mass production.

#### Irregular itch coiling for Enhanced Performance







SP170 S170+



### WA Series

66304301

**Barrel Fixed Support** For Western Arms SV Series Material: Stainless Steel



### 66303202

**Stainless Recoil Spring Guide** For Western Arms 45 Series

Material : Stainless Steel construction For 5 inch version use only. Non-busing type.



#### 66302201

**Enhanced Firing Pin** For Western Arms 45 Series Material : Carbon Steel Thermal

Treatment

#### 66301201

**Stainless High Performance** Valves For WA 45





### 66301202 **Stainless High Output**

Valves For WA 45 Material : Stainless Steel

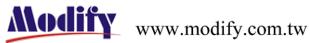


### 66303201

**Stainless Recoil Spring Guide** For Western Arms 45 Series Material : Carbon Steel Thermal

Treatment





### **CAPA Series**

66301101

Stainless High Performance Valves For MARUI HI-CAPA 5.1 Material : Stainless Steel



#### 66301102

Stainless High Output Valves For MARUI HI-CAPA 5.1 Material : Stainless Steel





### **TYPE96 Series**

### 66202201

#### **Stainless Taper Cylinder Head**

Made of Stainless Steel. Exact center setting for the port of nozzle keep air no lose.

It's an ideal part with high durability and stability!



### **66203201**

### Super Lightweight Piston

Material :

Aluminum/ Teflon/ Stainless Steel Aircraft aluminum alloy body. Teflon ring. Stainless steel tail.



# 66205201 Spring Guide (7mm) 66205201

### Spring Guide (9mm)

Specifications: 7mm/ 9mm for Different springs use with. Aircraft aluminum alloy tube body/ Anodic hardening. Stainless steel head.



#### **66206201 Barrel Space** Material : POM Two in total





### **APS-2 Series**

### 66202101

#### **Stainless Taper Cylinder Head**

Made of Stainless Steel. Exact center setting for the port of nozzle keep air no lose.

It's an ideal part with high durability and stability !



### 66203101

### **Super Lightweight Piston**

Material: Aluminum/ Teflon/ Stainless Steel Aircraft aluminum alloy body. Teflon ring. Stainless steel tail.

### 66206201

#### **Piston Head**

Material: Rubber It's durable and airtight Please use with Modify series APS-2/Type96 piston.





### 66205101

#### Spring Guide w/ Bearing (7mm) 66205102

#### Spring Guide w/ Bearing (9mm)

Material: Stainless Steel With a bearing. Specifications: 7mm / 9mm, for different springs use with.



### 66206101 Barrel Space for APS-2 OR/ SV 66206102

**Barrel Space for APS-2 Sporter** MK2

Material: POM Two in total



### **Pure Silicone Oil**

**GB-11-01 (50cps. / 60ml)** 

For AEG/ GBB upgrade The best for Cylinder, Piston...

### **GB-11-02 (1000cps. / 60ml)**

For AEG/ GBB upgrade The best for Gear, Slide & Frame...

### Features:

- 1. Provide an excellent lubricating property for parts.
- 2. Non toxic and low surface tension.
- 3. Stable pure silicone increases the work efficiency and performance.
- 4. Various custom silicone oil for your needs is available by mixing with Modify 50 cps. Friendly for operation.

### **Gear Grease**

**GB-11-13 (20ml)** Synthetic Lubricant with PTFE

### Features:

- 1. Best use as long term grease for gears subject to extreme temperatures.
- 2. High efficiency given by modern product formulation.
- 3. Improve sliding properties on gears surface. Noise reduction.
- 4. Savings through reduced expenses for maintenance and grease by long term lubrication.







### Rifle Stock Ammo Pouch

With Cheek Leather Pad

### Features:

- 1) Made by high density Nylon.
- 2) With a Right Side Cheek Leather Pad.
- Two Velcro Attached Ammo Holder (One Inside & One Outside)
- 4) Inside can fit large Magazine (e.g. M4, MP5,G3...) for Backup Magazine or Gear Accessories.
- 5) Attach directly onto most Shotgun & Rifle Stock.



### TG-01-01 OD





### TG-01-05 TAN



### TG-01-06 BLK





### Plugged Fire Cartridge

### **CART-01**

For Marushin M16/ XM177 Model Gun Series Material: Brass



### 8mm BB Cartridge

### CART-02

For Marushin 8mm Revolvers Material: Brass





### LI-Polymer Charger

Specification: -High efficiency and no attrition Switching transfer. -LED light indicates orange during fast charge and turn to green when charging is completed. -Stable voltage will not damage the Li-

Po battery. -Using PTC fuse protection at output. -Change battery directly without unplugging AC adaptor and reset.

## **80102101** AC2 CELL/ 110V

**80102102** AC2 CELL/ 230V

**80102103** AC3 CELL/ 110V

**80102104** AC3 CELL/ 230V



### Life & Lipo Balancer Charger

Three modes for the charging electric current:  $1.1.5A \pm 0.05A/2.1A \pm 0.05A/3.0.5A \pm 0.05A_{\circ}$ 

**Battery Selection:** 

- 1. There is a switch on the side for choosing battery type.
- 2.Switch on a: it's for it's for the LiFePO4 battery.
- 3.Switch on b: it's for the polymer lithium ion battery.

#### Standard :

- 1.Input voltage : DC11.1-18V
- 2.Input electric current: 2A
- 3.Recharger standard specification : DC12V/5A
- 4.Suitable battery: 2S/3S polymer lithium ion battery set or all kinds of LiFePO4 battery.
- 5.Recharging current : 1.5A/1A/0.5Am
- 6.Recovering current: 200mA
- 7.Balancing current : 200mA
- 8.Precise balance: below 20mV
- 9.Full voltage rate for one battery section: 4.2V/ 0.015V (polymer lithium ion battery)
- 10.Full voltage rate for one battery section: 3.70V/ 0.015V (LiFePO4)
- 11.Resupply voltage rate: 4.16V/CELL (polymer lithium ion battery)
- 12.Resupply voltage rate: 3.65V/CELL (LiFePO4)

**80102201** AC2 or AC3 CELL

**80102202** AC2 or AC3 CELL/ EUR Type





### **LiPo Battery** Package

3-cell Li-Po Battery

Designed for high rate discharge applications

-For high rate discharge applications -With ultra plug & balance plug



**GBT-01** 25C 11.1V 1200mAh (107\*35\*17)

### **GBT-02**

25C 11.1V 15000mAh (110\*35\*21)



### **Battery Package** Specification: 1. The volume is small 2. The weight is light

- 3. Low self-discharge rate  $\leq$  3%
- 4. Fast charging capability
- 5. High discharge energy efficiency  $\geq$  95%

LiFePO4 L-Shape

- 6. High cycle life  $\geq$  2000 cycle times
- 7. High electric discharge power
- 8. High safety
- 9. The operating temperature range is excellent.

10. Meet the European Union RoHs standard.

### **GBT-21** 20C 9.9V 1200mAh







### Valve Keys TOOL-01

Tools for WA/KSC Series. With valve keys with WA and KSC type on each end, 1-piece With Germany made hexagon keys, 1piece Valve keys: Stainless steel, Thermal Treatment

Hexagon keys: Chrome-Vanadium, hardened and nickel-plated

# Bushing Keys

For AEG bushes. To force the bushings into place EVENLY very easy. With bush keys, 1-piece With Spanner #5, 1-piece Bushing Keys: Thermal treated steel

### Gear Key TOOL-03 **TOOL-07**

Aircraft aluminum alloy/ anodic hardening holder with stainless steel bit For Modular Gear Set - SMOOTH Bit: Serration Size. European Union RoHS, pass.



www.modify.com.tw





Thread Screw 1 through the bush



Then the BOX, the Mount 2 and turn the Nut 3 in

Tighten Done Unload the bushes from the BOX very easy by exchange sides of the screw 1 with the Mount 2 and the Nut 3.

# TORX Keys With Small Grip T10

To force the screw into place EVENLY very easy. Bush keys: Thermal treated steel





## 3-Jaw Universal Vise

### TOOL-06

Improved &Updated Version of the German-Made Gun Vise. Multi-Positional For Unlimited Access to your Work Modify 3-Jaw Universal Vise is designed for detailed airsoft gun or gun cleaning and maintenance. It is also useful in other trades and hobbies such as RC car, medical labs, dental labs, turning house, bicycle store and more.

Specification:

- 1) Aluminum made, light weight
- 2) Full 360° rotating
- 3) Quick set-up!
- 4) All the jaw plates are fully replaceable
- 5) Unlimited clamping











### MODIFY-TECH CO., LTD.

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