



AIR TOOLS

Ver.6.00



AIR TOOLS

AUTOMOTIVE & GENERAL INDUSTRY

INDEX

| | |
|---|--------------|
| Impact Drivers | 02 |
| Drivers | 02 |
| Ratchets Wrenches | 02 |
| Impact Wrenches 3/8"~3/4" | 03-04 |
| Impact Wrenches 1"~1/2" | 05-06 |
| Angle Grinders and Straight Grinders | 07-08 |
| Die Grinders | 09 |
| Drills | 10 |
| Scaling Hammers | 11 |
| Needle Scalers | 11 |
| Hammers | 12 |
| Flux Chippers | 12 |
| Sanders | 13 |
| Toku Material Handling /Pneumatic Hoists | 14 |
| TCS Series | 15 |
| Manipulator Series | 16 |
| Pick Hammers | 17 |



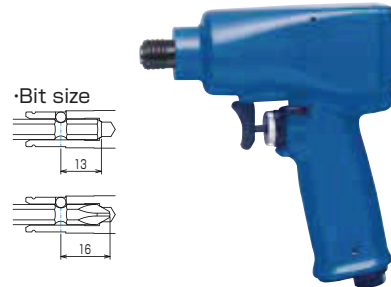
Air Tools

Impact Drivers / Drivers Ratchet Wrenches



- 2 hammer(Pin-less)clutch
- 2 steps throttle for precise control
- 360 free rotating handle exhaust
- Well balanced Ergonomic design
- One handed easy reverse switch
- Ideal for wood work and assembly work
- 3/8 SQ.drive model available(MID-8P(R) 3/8SQ)

MID-8P 1/4"Hex



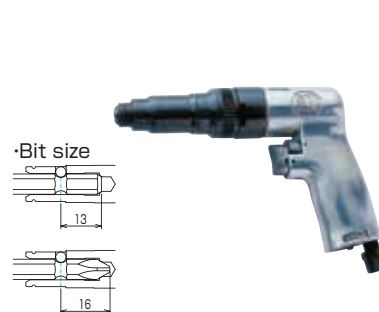
- Twin hammer clutch
- Tease throttle for precise control
- Handle Exhaust directs air away from an operator
- Well balanced Ergonomic design
- 4 Positions regulator
- Elastomer handle grip
- 3/8 SQ.drive model available (MID-12P 3/8SQ)
- Ideal for wood work and assembly work

MI-12D 1/4"Hex



- Ideal for motor vehicle and light assembly work

MID-60 1/4"Hex



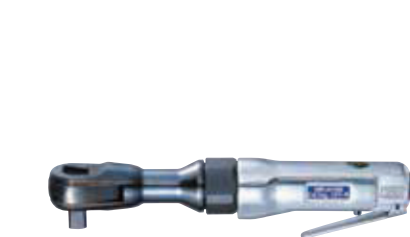
- Ideal for furniture,wood working, motor vehicle and other assembly operations

MV-6226 1/4"Hex



- Ideal for appliance,electronics and other light assembly industries

MV-6216 1/4"Hex



- Easy grip handle Quick run down capacity
- Ideal for usage on pumps, radiators, small engines exhaust systems etc.

MR-2310B 3/8"SQ
MR-2410B 1/2"SQ



- Compact and powerful
- Rubber covered ratchet head
- Durable ratchet head (heat treated) prevents slipping
- Ideal for confined working conditions

MR-2207C 1/4"SQ
MR-2209C 3/8"SQ

Impact Drivers Specifications: Air pressure 6kg/cm²

| MODEL | Drive (in) | Bolt Size (mm) | Net Weight (kg) | Overall Length (mm) | Center Height (mm) | Free Speed (rpm) | Air Cons | | Air Inlet (PT) | Hose Size (in) |
|--------|------------|----------------|-----------------|---------------------|--------------------|------------------|----------------------------|----------------------------|----------------|----------------|
| | | | | | | | Free (m ³ /min) | Load (m ³ /min) | | |
| MID-8P | H 1/4 | 8 | 1.0 | 154 | 22.5 | 10500 | 0.55 | 0.4 | 1/4 | 1/4 |
| MI-12D | H 1/4 | 12 | 1.2 | 154 | 25.3 | 9500 | 0.50 | 0.4 | 1/4 | 1/4 |
| MID-60 | 1/4 | 6 | 0.8 | 181 | 55 | 10800 | 0.48 | 0.32 | 1/4 | 3/8 |

Drivers and Ratchet Wrenches Specifications: Air pressure 6kg/cm²

| MODEL | Drive (in) | Bolt Size (mm) | Torque Range (kg·m) | Net Weight (kg) | Overall Length (mm) | Free Speed (rpm) | Air Cons (m ³ /min) | Air Inlet (PT) | Hose Size (in) |
|----------|------------|----------------|---------------------|-----------------|---------------------|------------------|--------------------------------|----------------|----------------|
| MV-6216 | H1/4 | 6 | 0.4-0.9 | 1.2 | 250 | 1800 | 0.42 | 1/4 | 1/4 |
| MV-6226 | H1/4 | 6 | 0.5-1.2 | 1.3 | 205 | 1800 | 0.6 | 1/4 | 1/4 |
| MR-2207C | 1/4 | 8 | 0.6-2.8 | 0.53 | 165 | 250 | 0.35 | 1/4 | 1/4 |
| MR-2209C | 3/8 | 8 | 0.6-2.8 | 0.53 | 165 | 250 | 0.35 | 1/4 | 1/4 |
| MR-2310B | 3/8 | 10 | 1.4-7.0 | 1.13 | 254 | 180 | 0.45 | 1/4 | 1/4 |
| MR-2410B | 1/2 | 10 | 1.4-7.0 | 1.13 | 254 | 180 | 0.45 | 1/4 | 1/4 |



Impact Wrenches

3/8"~3/4"



Two Hammer

- 2 hammer(Pin-less)clutch
- 2 steps throttle for precise control
- 360 free rotating handle exhaust
- Well balanced Ergonomic design
- One handed easy reverse switch
- Ideal for wood work and assembly work
- 3/8 SQ.drive model available(MID-8P(R) 3/8SQ)

MID-8P(R) 3/8"SQ



Twin Hammer

- Compact and light Weight
- One handed easy reverse switch 1/2"SQ.drive model available
- Ideal for general repair and assembly work in the 3/8" range
- Tease throttle for precise control
- Handle Exhaust directs air away from the operator
- Well balanced Ergonomic design
- 4 positions regulator

MI-12P 3/8"SQ 1/2"SQ also available



One Hammer

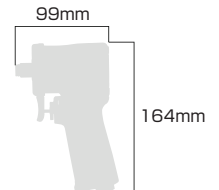
- Forward & reverse rotation is available with one hand
- Compact & light
- 360° air inlet swivel

MI-1310S 3/8"SQ



Twin Hammer

- Extra compact body
- One handed smooth reverse control available
- Composite grip for easy handling
- Optimum for assembly and general repair work
- 1/2" SQ drive model available



MI-14S 3/8"SQ 1/2"SQ also available



One Hammer

- Front Exhaust
- 4 Positions regulator
- Ideal for general repair in the 3/8" range

MI-1311B 3/8"SQ



Twin Hammer

- Elastomer handle grip
- Ideal for car repair and assembly work

MI-16M 3/8"SQ 1/2"SQ also available

Impact Wrench Specifications: Air pressure 6kg/cm²

| MODEL | Drive (in) | Bolt Size (mm) | Torque Range (kg·m) | Max Torque (kg·m) | Net Weight (kg) | Overall Length (mm) | Center Height (mm) | Free Speed (rpm) | Air Cons | | Air Inlet (PT) | Hose Size (in) |
|-----------|------------|----------------|---------------------|-------------------|-----------------|---------------------|--------------------|------------------|----------------------------|----------------------------|----------------|----------------|
| | | | | | | | | | Free (m ³ /min) | Load (m ³ /min) | | |
| MID-8P(R) | 3/8 | 8 | 4-8 | 10 | 1.0 | 151 | 22.5 | 9500 | 0.57 | 0.44 | 1/4 | 1/4 |
| MI-1310S | 3/8 | 10 | 1-9 | 12 | 0.91 | 177 | 30 | 12500 | 0.4 | 0.3 | 1/4 | 3/8 |
| MI-1311B | 3/8 | 10 | 3-7 | 10 | 1.3 | 150 | 24 | 7000 | 0.45 | 0.35 | 1/4 | 1/4 |
| MI-12P | 3/8 | 12 | 5-11 | 12 | 1.2 | 150 | 25.3 | 9500 | 0.5 | 0.4 | 1/4 | 3/8 |
| MI-14S | 3/8 | 16 | 15-31 | R34 L39 | 1.15 | 99 | 28.8 | 11700 | 0.62 | 0.36 | 1/4 | 3/8 |
| MI-16M | 3/8 | 13 | 5-15 | 23 | 1.5 | 170 | 27.5 | 7200 | 0.62 | 0.4 | 1/4 | 3/8 |
| MI-16M | 1/2 | 16 | 15-25 | 33 | 1.5 | 170 | 27.5 | 7200 | 0.62 | 0.4 | 1/4 | 3/8 |

NEW

Composite Impact Wrench



Forward : 3 steps
Set 1: Hand tight torque
Reverse : 2 steps
Different power settings



MI-17C 1/2"SQ

[Features]

- Twin Hammer
- Only 1.8 kgs
- Oil Bath
- Most powerful 1/2" Impact Wrench in TOKU
- Long Anvil (+50.8) available (MI-17CL)



Twin Hammer

- Ultimate power in reverse
- Ideal for car repair and tire shops
- Long Anvil (+50.8) available (MI-17M)
- Ergonomic handle
- Closed trigger
- Oil bath



MI-17M 1/2"SQ



Twin Hammer

- 360 free rotating exhaust
- One handed easy reverse switch
- Ideal for assembly and maintenance of trucks
- Anvil type: RH type available
- Long Anvil (+120) available (MI-20PL)



MI-20P 3/4"SQ



One Hammer

- Anvil type: RH type available
- 3/4"SQ,drive model available
- Ideal for assembly and maintenance of trucks
- Well balanced Ergonomic design
- 2 Steps throttle for precise control
- 4 positions regulator
- 360 free rotating exhaust
- Elastomer side handle grip



MI-2500P 3/4"SQ GS,GL type also available

Impact Wrench Specifications: Air pressure 6kg/cm²

| MODEL | Drive (in) | Bolt Size (mm) | Torque Range (kg·m) | Max Torque (kg·m) | Net Weight (kg) | Overall Length (mm) | Center Height (mm) | Free Speed (rpm) | Air Cons | | Air Inlet (PT) | Hose Size (in) |
|---------------|------------|----------------|---------------------|-------------------|-----------------|---------------------|--------------------|------------------|----------------------------|----------------------------|----------------|----------------|
| | | | | | | | | | Free (m ³ /min) | Load (m ³ /min) | | |
| MI-17M | 1/2 | 16 | 25-45 | R55 L60 | 2.5 | 179 | 33 | 5500 | 0.6 | 0.5 | 1/4 | 3/8 |
| MI-17C | 1/2 | 16 | 26-56 | R65 L70 | 1.8 | 181 | 34.5 | R8500 L8800 | 0.99 | 0.99 | 1/4 | 3/8 |
| MI-20P | 3/4 | 20 | 40-80 | 100 | 3.9 | 309 | 42 | 5500 | 1.1 | 0.7 | 3/8 | 3/8 |
| MI-2500P | 3/4 | 25 | 50-110 | 130 | 8.2 | 265 | 50 | 5300 | 1.2 | 0.7 | 3/8 | 1/2 |
| MI-2500GS(ES) | 3/4 | 25 | 50-110 | 130 | 8.2 | 341 | 50 | 5300 | 1.2 | 0.7 | 3/8 | 1/2 |
| MI-2500GL | 3/4 | 25 | 50-110 | 130 | 8.2 | 341 | 50 | 5300 | 1.2 | 0.7 | 3/8 | 1/2 |



Impact Wrenches

1"~1-1/2"



MI-2500P 1"SQ

One Hammer

- Anvil type: RH type available
- 3/4"SQ,drive model available
- Ideal for assembly and maintenance of trucks
- Well balanced Ergonomic design
- 2 Steps throttle for precise control
- 4 positions regulator
- 360 free rotating exhaust



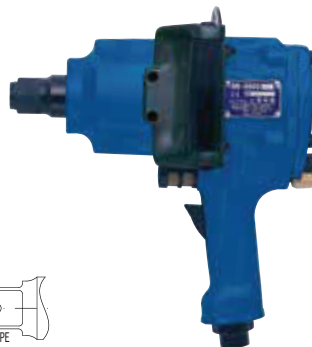
MI-2500GL 1"SQ



Inside trigger

One Hammer

- Short anvil shank type MI-2500GS available
- Ideal for assembly and maintenance of trucks
- 2 Steps throttle for precise control
- Elastomer side handle grip
- 4 positions regulator



MI-3800P 1"SQ

One Hammer

- Anvil type: RH type available
- Ideal for maintenance of trucks and construction equipments
- Well balanced Ergonomic design
- 2 Steps throttle for precise control
- 4 positions regulator
- 360 free rotating exhaust
- Elastomer side handle grip



MI-3800GL 1"SQ



Inside trigger

One Hammer

- Short anvil shank type MI3800GS available
- Ideal for maintenance of trucks and truck tires
- 2 Steps throttle for precise control
- Elastomer side handle grip
- 4 Positions regulator



MI-38GL 1"SQ

MI-42GL 1"SQ

Twin Hammer

- Anvil type: RH type available
- Short anvil shank type MI-38GS·MI-42GS available
- Ideal for truck tires
- Ideal for truck tires and heavy equipments
- Elastomer side handle grip
- 4 positions regulator
- Powerful and Light Weight
- Durable Clutch parts for long life
- 2 Steps throttle for precise control



Inside trigger

Impact Wrench Specifications: Air pressure 6kg/cm²

| MODEL | Drive (in) | Bolt Size (mm) | Torque Range (kg·m) | Max Torque (kg·m) | Net Weight (kg) | Overall Length (mm) | Center Height (mm) | Free Speed (rpm) | Air Cons | | Air Inlet (PT) | Hose Size (in) |
|---------------|------------|----------------|---------------------|-------------------|-----------------|---------------------|--------------------|------------------|----------------------------|----------------------------|----------------|----------------|
| | | | | | | | | | Free (m ³ /min) | Load (m ³ /min) | | |
| MI-2500P | 1 | 25 | 50-110 | 130 | 8.2 | 265 | 50 | 5300 | 1.2 | 0.7 | 3/8 | 1/2 |
| MI-2500GS(ES) | 1 | 25 | 50-110 | 130 | 8.2 | 341 | 50 | 5300 | 1.2 | 0.7 | 3/8 | 1/2 |
| MI-2500GL(EL) | 1 | 25 | 50-110 | 130 | 9.0 | 460 | 50 | 5300 | 1.2 | 0.7 | 3/8 | 1/2 |
| MI-3800P | 1 | 38 | 50-150 | 200 | 9.5 | 276 | 55 | 4700 | 1.6 | 1.0 | 1/2 | 1/2 |
| MI-3800GS(ES) | 1 | 38 | 50-150 | 200 | 9.5 | 355 | 55 | 4700 | 1.6 | 1.0 | 1/2 | 1/2 |
| MI-3800GL(EL) | 1 | 38 | 50-150 | 200 | 10.2 | 504 | 55 | 4700 | 1.6 | 1.0 | 1/2 | 1/2 |
| MI-38GS(ES) | 1 | 38 | 50-110 | 180 | 7.2 | 339 | 49 | 3700 | 1.2 | 0.7 | 1/2 | 1/2 |
| MI-38GL(EL) | 1 | 38 | 50-110 | 180 | 7.9 | 498 | 49 | 3700 | 1.2 | 0.7 | 1/2 | 1/2 |
| MI-42GS(ES) | 1 | 42 | 50-180 | 260 | 10.2 | 370 | 55 | 3900 | 1.9 | 1.0 | 1/2 | 1/2 |
| MI-42GL(EL) | 1 | 42 | 50-180 | 260 | 10.6 | 519 | 55 | 3900 | 1.9 | 1.0 | 1/2 | 1/2 |



MI-5000GL 1"SQ



Inside trigger

One Hammer

- Short anvil shank type MI-5000GS available
- Ideal for truck tires and heavy equipments

One Hammer

- Anvil type: RH type available
- Ideal for maintenance of trucks and construction equipments

Pin Hammer

- Pin clutch mechanism
- Powerful for extra heavy duty work



MI-5000P 1"SQ



MI-5500 1-1/2"SQ



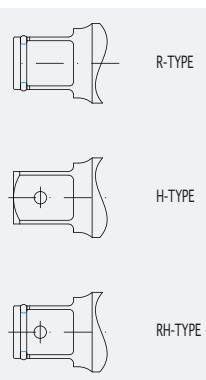
Inside trigger

Impact Wrench Specifications: Air pressure 6kg/cm²

| MODEL | Drive (in) | Bolt Size (mm) | Torque Range (kg·m) | Max Torque (kg·m) | Net Weight (kg) | Overall Length (mm) | Center Height (mm) | Free Speed (rpm) | Air Cons | | Air Inlet (PT) | Hose Size (in) |
|---------------|------------|----------------|---------------------|-------------------|-----------------|---------------------|--------------------|------------------|----------------------------|----------------------------|----------------|----------------|
| | | | | | | | | | Free (m ³ /min) | Load (m ³ /min) | | |
| MI-5000P | 1 | 50 | 50-220 | 270 | 13.9 | 310 | 60 | 3700 | 1.9 | 1.0 | 1/2 | 1/2 |
| MI-5000GS(ES) | 1 | 50 | 50-220 | 270 | 14.3 | 460 | 60 | 3700 | 1.9 | 1.0 | 1/2 | 1/2 |
| MI-5000GL(EL) | 1 | 50 | 50-220 | 270 | 16.0 | 594 | 60 | 3700 | 1.9 | 1.0 | 1/2 | 1/2 |
| MI-5500 | 1-1/2 | 55 | 150-428 | 560 | 18.1 | 520 | 60 | 2800 | 1.25 | 0.9 | 1/2 | 1/2 |

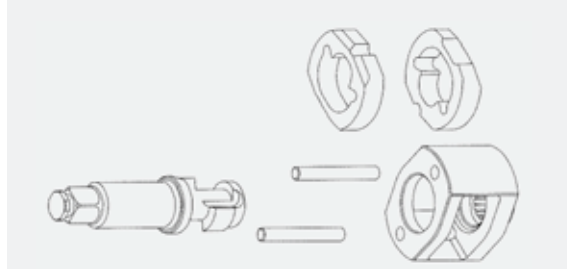
Toku One hammer clutch Features

Simplified structure for high durability and easy maintenance
 Precised machined clutch provides excellent performance and less vibration.



Toku Twin hammer clutch Features

Toku twin hammer provides maximum performance, balanced impacts and power output
 Less wasted energy and simplified maintenance
 Cold forged hammer for high durability





Grinders

Angle Grinders with governor control

- Ideal for removing burs on the material and smoothing welds



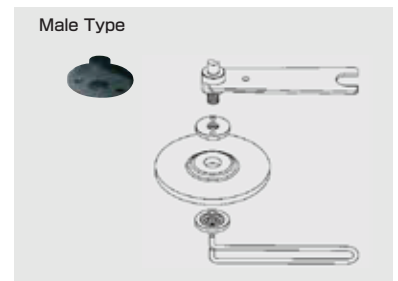
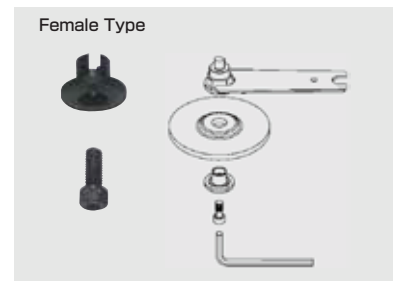
TAG-40FLH



TAG-40FRH



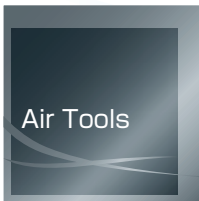
2 Spindle Types Available



TAG-40/50MR

Angle Grinders Specifications: Air pressure 6kg/cm²

| MODEL | Wheel Size (mm) | Wheel Max Speed (m/min) | Free Speed (rpm) | Net Weight (kg) | Overall Length (mm) | Maximum Air Cons (m ³ /min) | Air Inlet (PT) | Hose Size (in) | Horse Power |
|-----------|-----------------|-------------------------|------------------|-----------------|---------------------|--|----------------|----------------|-------------|
| TAG-40MR | 100×6×16 | 4300 | 13000 | 1.4 | 195 | 1.00 | 1/4 | 3/8 | 0.9 |
| TAG-40FR | 100×6×16 | 4300 | 13000 | 1.4 | 195 | 1.00 | 1/4 | 3/8 | 0.9 |
| TAG-40FRH | 100×6×16 | 4300 | 13000 | 1.8 | 217.5 | 1.00 | 1/4 | 3/8 | 0.9 |
| TAG-40FLH | 100×6×16 | 4300 | 13000 | 1.6 | 213.5 | 1.00 | 1/4 | 3/8 | 0.9 |
| TAG-50MR | 125×6×22 | 4300 | 10300 | 1.4 | 195 | 1.00 | 1/4 | 3/8 | 0.9 |



Grinders

Angle Grinders/Straight Grinders with governor control

- Turn throttle type : 2"/4"/5"/7" model available
- Lever throttle type : 2"/4"/7"/9" model available
- Safety lock off throttle ● 360 free rotating exhaust for 7"&9"

• Ideal for heavy duty work such as smoothing welds and cutting material



TAG-700 Turn throttle type

TAG-700QJL/900QJL Lever throttle type

• Ideal for various types of finishing tasks

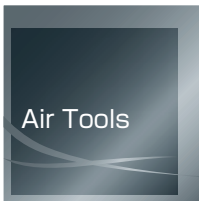


TSG-6L Lever throttle type Safety Lock-off throttle

TSG-3F/5S/6S Turn throttle type

Angle Grinders / Straight Grinders Specifications: Air pressure 6kg/cm²

| MODEL | Wheel Size (mm) | Wheel Max Speed (m/min) | Free Speed (rpm) | Net Weight (kg) | Overall Length (mm) | Air Cons (m ³ /min) | Air Inlet (PT) | Hose Size (in) | Horse Power |
|------------|-----------------|-------------------------|------------------|-----------------|---------------------|--------------------------------|----------------|----------------|-------------|
| TAG-700 | 180x8x22 | 4300 | 7500 | 3.1 | 274 | 0.8-1.0 | 3/8 | 1/2 | 1.3 |
| TAG-700QJL | 180x8x22 | 4800 | 8400 | 3.1 | 304 | 1.0-1.3 | 3/8 | 1/2 | 1.3 |
| TAG-900QJL | 230x8x22 | 4800 | 6500 | 3.4 | 304 | 0.7-1.0 | 3/8 | 1/2 | 1.3 |
| TSG-3F | 75x13x9.5 | 3000 | 12700 | 1.6 | 305 | 0.8 | 1/4 | 3/8 | 0.7 |
| TSG-5S | 125x19x12.7 | 3000 | 7600 | 3 | 400 | 1.1 | 3/8 | 1/2 | 1.4 |
| TSG-6S | 150x25x15.9 | 3000 | 6300 | 4.2 | 430 | 1.2 | 3/8 | 1/2 | 2.1 |
| TSG-6L | 150x25x15.9 | 3000 | 6000 | 4.2 | 430 | 1.2 | 3/8 | 1/2 | 2.1 |



Grinders

6mm Grinders

- Turn throttle
- Front exhaust



TG-25Z II

- Compact and light weight
- Front exhaust



MG-1B

- Turn throttle
- Front exhaust
- 1/4" Collet chuck (Option)



TG-38Z

- Compatible with 3" grindstone type using optional parts (refer to TSG-3F)



TSG-3C 6mm Straight Grinders

- Rear exhaust
- 1/4" Collet chuck (Option)



MG-7206B

- Front exhaust
- 1/4" Collet chuck (Option)



MG-20

- Compact, light and handy
- 90° angle head allows flexibility in tight spots
- 1/4" Collet chuck (Option)



MG-7236B 6mm Angle

- Compact, light and handy
- Front exhaust
- 1/4" Collet chuck (Option)



MG-7204B 6mm Mini

6mm Grinders Specifications: Air pressure 6kg/cm²

| MODEL | Collet Size (mm) | Net Weight (kg) | Overall Length (mm) | Free Speed (rpm) | Air Cons. Free (m ³ /min) | Air Inlet (PT) | Hose Size (in) |
|-----------|------------------|-----------------|---------------------|------------------|--------------------------------------|----------------|----------------|
| TG-25Z-II | 6 | 0.56 | 150 | 18,000 | 0.5 | 1/4 | 3/8 |
| MG-1B | 6 | 0.6 | 157 | 20,000 | 0.4 | 1/4 | 3/8 |
| TG-38Z | 6 | 0.7 | 178 | 23,000 | 0.45 | 1/4 | 3/8 |
| MG-7206B | 6 | 0.6 | 146 | 22,000 | 0.5 | 1/4 | 3/8 |
| MG-20 | 6 | 0.6 | 139 | 22,000 | 0.6 | 1/4 | 3/8 |
| MG-7236B | 6 | 0.4 | 123 | 18,000 | 0.38 | 1/4 | 3/8 |
| MG-7204B | 6 | 0.4 | 120 | 25,000 | 0.38 | 1/4 | 3/8 |

6mm Straight Grinders Specifications: Air pressure 6kg/cm²

| MODEL | Collet Size (mm) | Net Weight (kg) | Overall Length (mm) | Free Speed (rpm) | Air Cons. Free (m ³ /min) | Air Inlet (PT) | Hose Size (in) | Horse Power |
|--------|------------------|-----------------|---------------------|------------------|--------------------------------------|----------------|----------------|-------------|
| TSG-3C | 6 | 1.6 | 340 | 12700 | 0.8 | 1/4 | 3/8 | 0.7 |

Air Tools

Drills



- Industrial tool for professionals
- Tease throttle for precise control
- Planetary gear enables smooth operation and long life
- Handle exhaust

MD-10L 3/8"



- Reliable general purpose drill
- Handle exhaust

MD-3310B 3/8"



- Triple planetary gear system provides smooth operation
- Grip reverse valve enables one handed directional changes
- 1/2 HP air motor provides max power
- Handle exhaust

MD-3311B 3/8"
Reversible



- Side support handle for good control
- Grip reverse valve enables one handed directional changes
- 1/2 HP air motor with a double reduction gear system produces reliable power
- Ideal for drilling, screw driving, reaming, cylinder honing

MD-3413B 1/2"
Reversible



- Compact and light design
- Tease throttle for precise control
- Ideal for tapping work
- Rear exhaust

MD-3312B 3/8"
Angle Reversible

Drills Specifications: Air pressure 6kg/cm²

| MODEL | Chuck Size (in) | Spindle Size (in) | Net Weight (kg) | Overall Length (mm) | Free Speed (rpm) | Air Cons. Free (m ³ /min) | Air Inlet (PT) | Hose Size (in) |
|----------|-----------------|-------------------|-----------------|---------------------|------------------|--------------------------------------|----------------|----------------|
| MD-10L | 3/8 | 3/8×24UNF | 0.9 | 160 | 2300 | 0.5 | 1/4 | 1/4 |
| MD-3310B | 3/8 | 3/8×24UNF | 1.0 | 165 | 2400 | 0.47 | 1/4 | 1/4 |
| MD-3311B | 3/8 | 3/8×24UNF | 1.1 | 200 | 2000 | 0.58 | 1/4 | 1/4 |
| MD-3312B | 3/8 | 3/8×24UNF | 1.2 | 208 | 1200 | 0.36 | 1/4 | 1/4 |
| MD-3413B | 1/2 | 3/8×24UNF | 1.6 | 220 | 500 | 0.47 | 1/4 | 1/4 |



Scaling Hammers/ Needle Scalers

- Hardened pistons and cylinders for longer life
- Simple structure for easy maintenance



TS-2

- Compact and handy needle scalers
- Precision heat-treated needles for maximum performance



TNS-200



N-200



TNS-200PS

Scaling Hammers Specifications: Air pressure 6kg/cm²

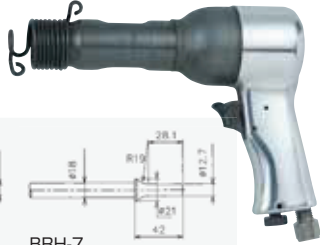
| MODEL | Piston Dia (mm) | Piston Stroke (mm) | Net Weight (kg) | Blow per Min (bpm) | Overall Length (mm) | Air Cons. Free (m ³ /min) | Air Inlet (PT) | Hose Size (in) |
|-------|-----------------|--------------------|-----------------|--------------------|---------------------|--------------------------------------|----------------|----------------|
| TS-2 | 30 | 30 | 2.2 | 8000 | 500 | 0.3 | 3/8 | 1/2 |

Needle Scalers Specifications: Air pressure 6kg/cm²

| MODEL | Piston Dia (mm) | Blow per Min (bpm) | Needle Dia Length, Number (mm)×(mm)×Piece | Piston Stroke (mm) | Net Weight (kg) | Overall Length (mm) | Air Cons. Free (m ³ /min) | Air Inlet (PT) | Hose Size (in) |
|-----------|-----------------|--------------------|---|--------------------|-----------------|---------------------|--------------------------------------|----------------|----------------|
| N-200 | 20 | 12000 | 3×125×12 | 12 | 1.12 | 225 | 0.25 | 1/4 | 1/4 |
| TNS-200 | 20 | 4000 | 3×180×12 | 25 | 2.4 | 345 | 0.25 | 1/4 | 3/8 |
| TNS-200PS | 20 | 3500 | 3×180×12 | 25 | 1.6 | 305 | 0.25 | 1/4 | 3/8 |

Air Tools

Hammers/ Flux Chippers



BRH-3 BRH-7

- Compact, light handy and durable
- Spool valve for precise speed control
- Built-in air regulator controls power output



MH-5111R/5115

- Heavy duty air hammer for general use
- Simple structure and durable
- Ideal for muffler and pipe removal, body shop work

BRH-3/7

MH-5111R/5115



TFC-200



TFC-200F



TFC-257H

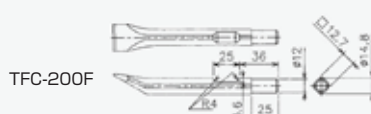
- Compact and lightweight body contributes to easy handling of tools.
- Ideal for light duty chipping job and surface finish work in jobs like removing slag, burrs, rust, and old paint.



TFC-257K-1300



TFC-200



TFC-200F



TFC-257H/K

Hammers Specifications: Air pressure 6kg/cm²

| MODEL | Piston Dia (mm) | Chisel Shank Bore Size (mm) | Blow per Min (bpm) | Piston Stroke (mm) | Net Weight (kg) | Overall Length (mm) | Air Cons. Free (m ³ /min) | Air Inlet (PT) | Hose Size (in) |
|----------|-----------------|-----------------------------|--------------------|--------------------|-----------------|---------------------|--------------------------------------|----------------|----------------|
| BRH-3 | 14.3 | 10 | 1800 | 76 | 1.4 | 200 | 0.32 | 1/4 | 1/4 |
| BRH-7 | 19 | 12 | 1500 | 90 | 2.1 | 220 | 0.35 | 1/4 | 1/4 |
| MH-5111R | 19 | 10 | 3500 | 66 | 1.6 | 200 | 0.2 | 1/4 | 1/4 |
| MH-5115 | 19 | 10 | 2100 | 90 | 2 | 250 | 0.4 | 1/4 | 1/4 |

Flux Chippers Specifications: Air pressure 6kg/cm²

| MODEL | Piston Dia (mm) | Blow per Min (bpm) | Piston Stroke (mm) | Net Weight (kg) | Overall Length (mm) | Air Cons. Free (m ³ /min) | Air Inlet (PT) | Hose Size (in) |
|---------------|-----------------|--------------------|--------------------|-----------------|---------------------|--------------------------------------|----------------|----------------|
| TFC-257H | 25.4 | 3200 | 34 | 1.97 | 240 | 0.42 | 3/8 | 1/2 |
| TFC-200 | 20 | 12000 | 12 | 0.89 | 182 | 0.25 | 1/4 | 1/4 |
| TFC-200F | 20 | 12000 | 12 | 1.06 | 187 | 0.25 | 1/4 | 1/4 |
| TFC-257K-1300 | 25.4 | 3000 | 34 | 5 | 1300 | 0.4 | 3/8 | 1/2 |

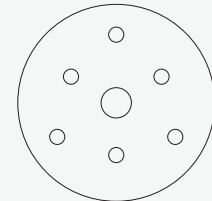


Sanders

- 5mm orbit for high quality finishing
- Compact and light weight providing best power to weight ratio in this class



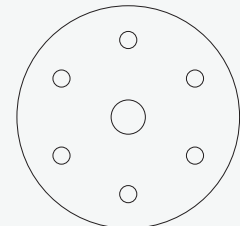
**MS-430
N-5/N-6**



5"pad type



**MS-430
G-5/G-6**

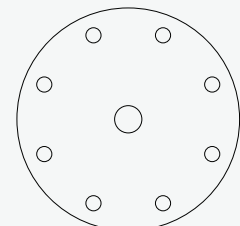


6"pad 6 holes type



- Easy handle, compact and lightweight
- Built-in power regulator
- Ideal for light sanding

MS-4125B



6"pad 8 holes type

Sanders Specifications: Air pressure 6kg/cm²

| MODEL | Paper Size or Disk Size (mm) | Pad Type | Free Speed (rpm) | Orbit Size (mm) | Net Weight (kg) | Air Cons. Free (m ³ /min) | Air Inlet (PT) | Hose Size (in) |
|-----------|------------------------------|----------|------------------|-----------------|-----------------|--------------------------------------|----------------|----------------|
| MS-430N-5 | 125 | VELCRO | 10000 | 5 | 0.9 | 0.38 | 1/4 | 3/8 |
| MS-430N-6 | 150 | VELCRO | 10000 | 5 | 0.9 | 0.38 | 1/4 | 3/8 |
| MS-430G-5 | 125 | VELCRO | 8500 | 5 | 0.93 | 0.38 | 1/4 | 3/8 |
| MS-430G-6 | 150 | VELCRO | 8500 | 5 | 0.93 | 0.38 | 1/4 | 3/8 |
| MS-4125B | 75·115 | — | 14000 | — | 1 | 0.38 | 1/4 | 3/8 |

About TOKU Hoists

Main features of TOKU pneumatic hoists

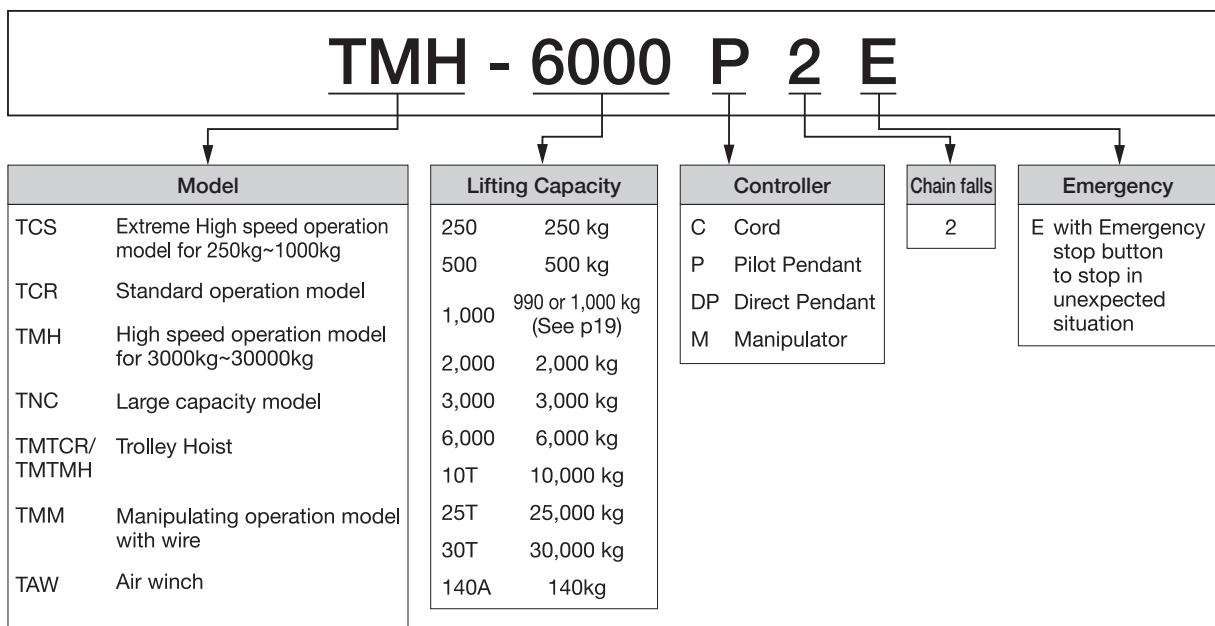
- High quality vane motor and planetary gear with long life grease
- Overload protection
- High strength cast steel housing for durability
- Failsafe automatic disc brake
- Emergency stop
- Mechanical end stop system
- Choice of cord or pendant control
- Various speed control
- Safe from hazard of electric explosion

Applications in various industries

- Offshore oil industry
- Assembly line
- Power plant
- Refinery
- Mechanical engineering
- Shipyard
- Foundry
- Mining
- Chemical industry
- Food industry



Model Classifying



TCS Series

250-990 kg Capacity

Extreme High Speed Hoist



TCS-500PE

Main Features

- Extreme high speed
- Classification(ISO): M4
- Precise variable speed control
- ATEX specification:
 - II3 GD IIA T4 (Standard)
 - II2 GD IIB T4 (Option)
- Lubrication free vane(Optional)
- Compact design
- Light weight aluminium housing
- Failsafe automatic internal disc brake
- Overtraveling limiter
- Alloy safety swivel hooks with safety catch



Cord



Pendant with
Emergency Stop Button



Chain Basket

Specifications

| Model | Lifting Capacity | No. of Chain Falls | Lifting | | Lowering | | Weight W/O Chain | Min Hook Distance | Chain Dimension | Hose Size |
|-------------|------------------|--------------------|------------|-------------------------|------------|-------------------------|------------------|-------------------|-----------------|-----------|
| | | | Speed | Air Cons | Speed | Air Cons | | | | |
| TCS-250C | 250 kg | 1 | 34.0 m/min | 1.7 m ³ /min | 63.0 m/min | 2.0 m ³ /min | 17 kg | 414 mm | 6.3 X 19 mm | 12.7 mm |
| TCS-250PE | 250 kg | 1 | 34.0 m/min | 1.7 m ³ /min | 63.0 m/min | 2.0 m ³ /min | 18 kg | 414 mm | 6.3 X 19 mm | 12.7 mm |
| TCS-500C | 490 kg | 1 | 17.0 m/min | 1.7 m ³ /min | 34.0 m/min | 2.0 m ³ /min | 17 kg | 414 mm | 6.3 X 19 mm | 12.7 mm |
| TCS-500PE | 490 kg | 1 | 17.0 m/min | 1.7 m ³ /min | 34.0 m/min | 2.0 m ³ /min | 18 kg | 414 mm | 6.3 X 19 mm | 12.7 mm |
| TCS-1000C2 | 990 kg | 2 | 8.5 m/min | 1.7 m ³ /min | 17.0 m/min | 2.0 m ³ /min | 20 kg | 456 mm | 6.3 X 19 mm | 12.7 mm |
| TCS-1000P2E | 990 kg | 2 | 8.5 m/min | 1.7 m ³ /min | 17.0 m/min | 2.0 m ³ /min | 21 kg | 456 mm | 6.3 X 19 mm | 12.7 mm |

Operating air pressure is 0.6 MPa.

Manipulator Series

140kg and 250kg Capacity

Flexible Material Handling



TMM-140AE



TCR-250ME

Main Features

TMM-140AE / TCR-250ME

- Handle mounted pendant for one handed operation
- Precise variable speed control
- Left-handed operation by changing handle direction
- Failsafe automatic internal disc brake
- Durable cast iron housing (TMM-140AE) / Light weight aluminium housing (TCR-250ME)
- Alloy safety swivel hooks with safety catch

Specifications

| Model | Lifting Capacity | No. of Chain Falls | Lifting | | Lowering | | Weight W/O Chain | Wire Diameter/ Chain Dimension | Hose Size |
|-----------|------------------|--------------------|------------|--------------------------|------------|--------------------------|------------------|--------------------------------|-----------|
| | | | Speed | Air Cons | Speed | Air Cons | | | |
| TMM-140ME | 140 kg | 1 | 11.0 m/min | 0.63 m ³ /min | 18.0 m/min | 0.65 m ³ /min | 10 kg | 4 mm | 9.5 mm |
| TCR-250ME | 250 kg | 1 | 8.0 m/min | 0.7 m ³ /min | 16.5 m/min | 0.8 m ³ /min | 10 kg | 4 X 12 mm | 9.5 mm |

TMM-140ME is wire lifting machine. The number on specifications is wire diameter. Operating air pressure is from 0.4 to 0.6 MPa.



PICK HAMMER

- Light weight and easy to handle.
- Automatic push-start mechanism.
- Less components for easy maintenance.
- Forged body for long life.



TCB BREAKER

- Simple structure for less maintenance.
- Long stroke cylinder provides maximum impact energy.
- Replaceable round bushing.
- Reinforced cup retainer.



TCA-7



TCB-130B



TCB-200



TCB-300

| MODEL NO. | PISTON DIAMETER mm | PISTON STROKE mm | BLOW PER MIN. b.p.m. | NET WEIGHT kg lb | OVERALL LENGTH mm | AIR CONSUMPTION m ³ /min c.f.m. | HOSE SIZE mm | SHANK SIZE ROUND OR HEX | AIR INLET SIZE PT |
|-----------------|-----------------------|---------------------|-------------------------|---------------------|----------------------|---|-----------------|----------------------------|----------------------|
| TCA-7 | 35 | 120 | 1,250 | 7.2 16 | 465 | 1 35.3 | 19 | R26×80 | 3/4 |
| TCB-130B | 35 | 130 | 1,400 | 15 33 | 490 | 1.05 37.1 | 19 | R26×80 | 1 |
| TCB-200 | 40 | 166 | 1,050 | 20.9 46 | 556 | 1.5 53 | 19 | R30×87 | 1 |
| TCB-300 | 45 | 180 | 950 | 30 66 | 606 | 1.6 56.5 | 19 | R35×87 | 1 |



AA CHIPPING HAMMER

- Precision valve allows excellent control during operation.
- Replaceable bushing
- 2 types of bushing ,round or hex, are available.
- Anti-vibration handle is available.



AA-0B



AA-1.3B



AA-3B



TYC-6B

| MODEL NO. | PISTON DIAMETER mm | PISTON STROKE mm | BLOW PER MIN. b.p.m. | NET WEIGHT kg lb | OVERALL LENGTH mm | AIR CONSUMPTION m ³ /min c.f.m. | HOSE SIZE mm | SHANK SIZE ROUND OR HEX | AIR INLET SIZE PT |
|----------------|-----------------------|---------------------|-------------------------|---------------------|----------------------|---|-----------------|----------------------------|----------------------|
| AA-0B | 20 | 50 | 3,600 | 2 4.4 | 254 | 0.35 12.4 | 12.7 | R15/12H×53 | 3/8 |
| AA-1.3B | 24 | 58 | 2,800 | 4.5 9.9 | 320 | 0.45 15.9 | 12.7 | R18/15H×60 | 3/8 |
| AA-3B | 28 | 79 | 2,400 | 5.8 13.9 | 330 | 0.45 15.9 | 12.7 | R18/15H×60 | 3/8 |
| TYC-6B | 28.54 | 75 | 1,800 | 6.7 14.8 | 430 | 0.8 28.2 | 12.7 | R18/15H×60 | 3/8 |

OPERATING INSTRUCTIONS WHEN USING GENERAL AIR TOOLS

1. ALWAYS USE APPROVED EYE PROTECTION WHEN OPERATING TOOL.
2. NEVER WEAR LOOSE GLOVES OR CLOTHES WHEN OPERATING TOOL.
3. ALWAYS CHECK IF THE TOOL IS GOING TO BE USED WITH ACCESSORIES IN CORRECT SIZE AND IN GOOD CONDITION BEFORE ACTUAL OPERATION. (IMPACT SOCKETS, COUPLERS, DRILL BITS, BURS, CUTTER, DISCS, BRUSHES, NEEDLES, CHISELS, PISTONS AND OTHER ACCESSORIES FOR AIR TOOLS)
4. ALWAYS CHECK IF THE TOOL IS BEING LUBRICATED SUFFICIENTLY, BEFORE ACTUAL OPERATION. CHECK YOUR INSTRUCTION MANUAL ENCLOSED IN THE TOOL FOR CORRECT METHOD OF LUBRICATION. IN CASE IF THE OPERATION MANUAL WAS NOT ENCLOSED IN THE TOOL WHEN PURCHASED, STOP USING THE TOOL, CONTACT YOUR NEAREST DEALER AND ASK FOR THEIR INSTRUCTION.
5. ALWAYS USE THE CORRECT AIR PRESSURE AMOUNT INSTRUCTED IN THE OPERATION MANUAL ENCLOSED IN THE TOOL, IN CASE IF THE OPERATION MANUAL WAS NOT ENCLOSED IN THE TOOL WHEN PURCHASED, STOP USING THE TOOL, CONTACT YOUR NEAREST DEALER AND ASK FOR THEIR INSTRUCTION.
6. ALWAYS DIRECT EXHAUST AWAY FROM YOURSELF AND OTHERS IN THE AREA.
7. ALWAYS DISCONNECT THE TOOL WHEN NOT IN USE.
8. IN CASE IF YOU FIND ANY MALFUNCTION OF THE TOOL, STOP USING THE TOOL AND CONTACT YOUR NEAREST DEALER.

Toku air tools torque calibration chart

| MODEL | Torque | Working Torque Range | Max Torque | MODEL | Torque | Working Torque Range | Max Torque |
|-------------|----------|----------------------|------------|-----------|----------|----------------------|------------|
| MV-6216 | (N·m) | 3.9-8.8 | — | MI-20P | (N·m) | 392-784 | 980 |
| | (kg·m) | 0.4-0.9 | — | | (kg·m) | 40-80 | 100 |
| | (ft·lbs) | 2.9-6.5 | — | | (ft·lbs) | 289.3-578.6 | 723 |
| MV-6226 | (N·m) | 4.9-11.7 | — | MI-2500P | (N·m) | 490-1078 | 1274 |
| | (kg·m) | 0.5-1.2 | — | | (kg·m) | 50-110 | 130 |
| | (ft·lbs) | 3.6-8.7 | — | | (ft·lbs) | 361.6-795.6 | 940 |
| MR-2207C | (N·m) | 5.8-27.4 | — | MI-2500GS | (N·m) | 490-1078 | 1274 |
| | (kg·m) | 0.6-2.8 | — | | (kg·m) | 50-110 | 130 |
| | (ft·lbs) | 4.3-20.3 | — | | (ft·lbs) | 361.6-795.6 | 940 |
| MR-2209C | (N·m) | 5.8-27.4 | — | MI-2500GL | (N·m) | 490-1078 | 1274 |
| | (kg·m) | 0.6-2.8 | — | | (kg·m) | 50-110 | 130 |
| | (ft·lbs) | 4.3-20.3 | — | | (ft·lbs) | 361.6-795.6 | 940 |
| MR-2310B | (N·m) | 13.7-68.6 | — | MI-3800P | (N·m) | 490-1470 | 1961 |
| | (kg·m) | 1.4-7.0 | — | | (kg·m) | 50-150 | 200 |
| | (ft·lbs) | 10.1-50.6 | — | | (ft·lbs) | 361.6-1084.9 | 1446 |
| MR-2410B | (N·m) | 13.7-68.6 | — | MI-3800GS | (N·m) | 490-1470 | 1961 |
| | (kg·m) | 1.4-7.0 | — | | (kg·m) | 50-150 | 200 |
| | (ft·lbs) | 10.1-50.6 | — | | (ft·lbs) | 361.6-1084.9 | 1446 |
| MID-8P(R) | (N·m) | 39-79 | 98 | MI-3800GL | (N·m) | 490-1470 | 1961 |
| | (kg·m) | 4-8 | 10 | | (kg·m) | 50-150 | 200 |
| | (ft·lbs) | 29-58 | 72 | | (ft·lbs) | 361.6-1084.9 | 1446 |
| MI-12P | (N·m) | 49-107 | 117 | MI-38GS | (N·m) | 490-1078 | 1765 |
| | (kg·m) | 5-11 | 12 | | (kg·m) | 50-110 | 180 |
| | (ft·lbs) | 36.2-79.6 | 87 | | (ft·lbs) | 361.6-795.6 | 1302 |
| MI-16M(3/8) | (N·m) | 49-147 | 225 | MI-38GL | (N·m) | 490-1078 | 1765 |
| | (kg·m) | 5-15 | 23 | | (kg·m) | 50-110 | 180 |
| | (ft·lbs) | 36.2-108.5 | 166 | | (ft·lbs) | 361.6-795.6 | 1302 |
| MI-1311B | (N·m) | 29-68 | 98 | MI-42GS | (N·m) | 490-1765 | 2549 |
| | (kg·m) | 3-7 | 10 | | (kg·m) | 50-180 | 260 |
| | (ft·lbs) | 21.7-50.6 | 72 | | (ft·lbs) | 361.6-1301.9 | 1880 |
| MI-1310S | (N·m) | 9-88 | 117 | MI-5000P | (N·m) | 490-2157 | 2647 |
| | (kg·m) | 1-9 | 12 | | (kg·m) | 50-220 | 270 |
| | (ft·lbs) | 7.2-65.1 | 87 | | (ft·lbs) | 361.6-1591.2 | 1953 |
| MI-14S | (N·m) | 150-300 | R330 L380 | MI-5000GS | (N·m) | 490-2157 | 2647 |
| | (kg·m) | 15-31 | R34 L39 | | (kg·m) | 50-220 | 270 |
| | (ft·lbs) | 111-221 | R243 L280 | | (ft·lbs) | 361.6-1591.2 | 1953 |
| MI-16M(1/2) | (N·m) | 147-245 | 323 | MI-5000GL | (N·m) | 490-2157 | 2647 |
| | (kg·m) | 15-25 | 33 | | (kg·m) | 50-220 | 270 |
| | (ft·lbs) | 108.5-180.8 | 239 | | (ft·lbs) | 361.6-1591.2 | 1953 |
| MI-17C | (N·m) | 255-549 | R637 L686 | MI-5500 | (N·m) | 1470-4197 | 5491 |
| | (kg·m) | 26-56 | R65 L70 | | (kg·m) | 150-428 | 560 |
| | (ft·lbs) | 188.1-405.0 | R470 L506 | | (ft·lbs) | 1084.9-3095.7 | 4050 |
| MI-17M | (N·m) | 245-441 | R539 L588 | | | | |
| | (kg·m) | 25-45 | R55 L60 | | | | |
| | (ft·lbs) | 180.8-325.5 | R398 L434 | | | | |



Main Plant



Kamimine Plant



Kishima Plant



Hirokawa Plant



Kiyama Plant



Yamada Plant



India Corporate Office

TOKU PNEUMATIC CO. LTD.

Alok International Pvt. Limited

Plot No. 264, Udyog Vihar
Phase-IV, Gurgaon-122016, Haryana (India)
Mobile: 9599932304
Ph: (0124) 4227095, 4308799
Email: indiasales@aloktools.com

DISTRIBUTOR