

CB-05M

SHOPWORK

WORKSHO

SHOPWORK

WORKSHO

WORKSHO

W O R K S H O P T O O L S M I N I



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01 striking tools

HAMMERS - INDESTRUCTIBLE HANDLE



SCAN TO WATCH



STEEL LOCKING PLATE

locks head to the handle eliminating loosening or dislodging

VULCANIZED RUBBER HANDLE

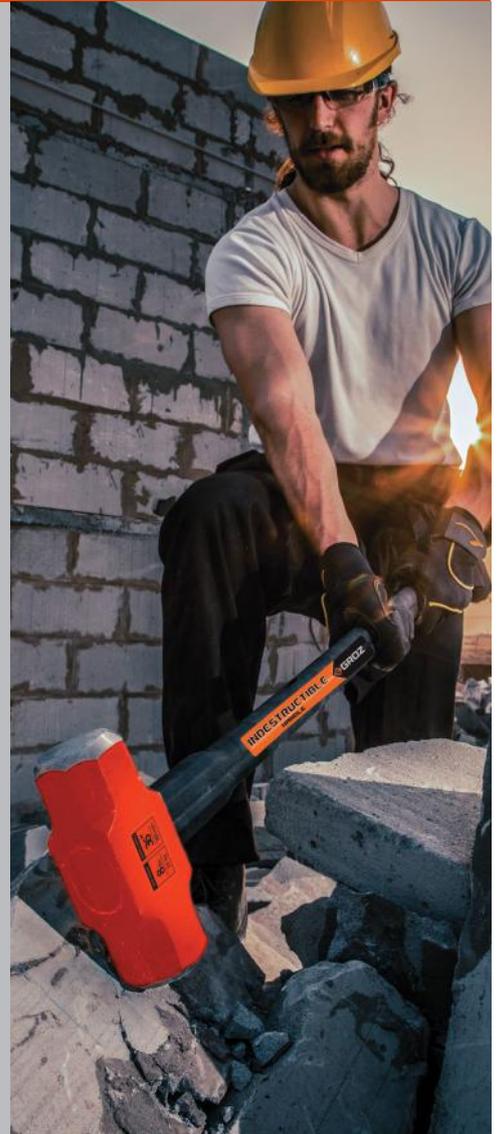
Absorbs impact & vibration reducing user fatigue

75X STRONGER

SPRING STEEL BARS

Resist overstrike

STEEL REINFORCED LANYARD HOLE



CLUB HAMMERS - INDESTRUCTIBLE HANDLE

BS 876

For material, hardness & performance

SANS 387:2014

CHID

- Heavy-duty
- 50-58 HRC head

CHID-SF

- Soft 30-35 HRC head
- Soft head prevents damage to struck surfaces



- A smaller sledge hammer with relatively lighter weight & shorter handle. Used for minor demolition work, driving in stakes & in metal forming
- 4 Spring Steel bars are locked into the head with a steel locking plate, eliminating loosening or dislodging

SIZES

★ 2.5 lbs × 12"	1.1 kg × 300 mm
2.5 lbs × 16"	1.1 kg × 400 mm
★ 4 lbs × 12"	1.8 kg × 300 mm
4 lbs × 16"	1.8 kg × 400 mm

★ **Bestseller**



SIZES

2.5 lbs × 12"	1.1 kg × 300 mm
4 lbs × 12"	1.8 kg × 300 mm



WARNING: Do not strike objects harder than 46 HRC. Striking items of a greater hardness is liable to cause fracture or chipping

SLEDGE HAMMERS - INDESTRUCTIBLE HANDLE

BS 876

For material, hardness & performance

SANS 387:2014



- The Big Boy of hammers designed for heavy demolition, construction, police, fire & rescue and rebar work
- 4-6 Spring steel bars are locked into the head with a steel locking plate, eliminating loosening or dislodging of head

SHID

- Heavy-duty
- 50-58 HRC head

SIZES

★ 6 lbs × 16"	2.7 kg × 400 mm
6 lbs × 24"	2.7 kg × 600 mm
6 lbs × 30"	2.7 kg × 750 mm
6 lbs × 36"	2.7 kg × 900 mm
8 lbs × 12"	3.6 kg × 300 mm
8 lbs × 16"	3.6 kg × 400 mm
★ 8 lbs × 24"	3.6 kg × 600 mm
★ 8 lbs × 30"	3.6 kg × 750 mm

8 lbs × 36"	3.6 kg × 900 mm
10 lbs × 30"	4.5 kg × 750 mm
10 lbs × 36"	4.5 kg × 900 mm
12 lbs × 30"	5.5 kg × 750 mm
12 lbs × 36"	5.5 kg × 900 mm
★ 14 lbs × 30"	6.3 kg × 750 mm
14 lbs × 36"	6.3 kg × 900 mm
20 lbs × 36"	9 kg × 900 mm



★ Bestseller

SHID-SF

- Soft 30-35 HRC head
- Soft head prevents damage to struck surfaces

SIZES

6 lbs × 30"	2.7 kg × 750 mm
8 lbs × 30"	3.6 kg × 750 mm
10 lbs × 30"	4.5 kg × 750 mm
12 lbs × 30"	5.5 kg × 750 mm
14 lbs × 36"	6.3 kg × 900 mm



SLEDGE HAMMERS DIN 6475 INDESTRUCTIBLE HANDLE

Popular
in
EUROPE

SHID-DIN

- Designed for heavy demolition jobs
- Fully forged heavy duty induction hardened head 50-58 HRC
- 6 Spring steel bars are locked into the head with a steel locking plate, eliminating loosening or dislodging of head



SIZES

3 kg × 24" (600 mm)
5 kg × 30" (750 mm)

SLEDGE HAMMER COPPER HEAD INDESTRUCTIBLE HANDLE

99.9%
Copper
Forged
Head

- Popular in mining & automotive applications
- Copper head resists sparking & reduces marring of struck faces
- 4-6 Spring steel bars are locked into the head with a steel locking plate, eliminating loosening or dislodging of head

SHID-CU

SIZES

2.5 lbs × 12"	1.1 kg × 300 mm
★ 4 lbs × 12"	1.8 kg × 300 mm
4 lbs × 16"	1.8 kg × 400 mm

★ Bestseller



SHID-CU

SIZES

6 lbs × 30"	2.7 kg × 750 mm
★ 8 lbs × 24"	3.6 kg × 600 mm
★ 14 lbs × 30"	6.3 kg × 750 mm

★ Bestseller



SLEDGE HAMMER BRASS HEAD INDESTRUCTIBLE HANDLE

SHID-BR

- Used in combustible environment such as on oil rigs, gas industry and for automotive application where the struck surface is soft
- 4-6 Spring steel bars are locked into the head with a steel locking plate, eliminating loosening or dislodging of head

SIZES

★ 2.5 lbs × 12"	1.1 kg × 300 mm
★ 4 lbs × 12"	1.8 kg × 300 mm
4 lbs × 16"	1.8 kg × 400 mm
6 lbs × 16"	2.7 kg × 400 mm
6 lbs × 30"	2.7 kg × 750 mm
8 lbs × 16"	3.6 kg × 400 mm
8 lbs × 30"	3.6 kg × 750 mm

★ Bestseller



Mar Resistant
Head

WARNING: Do not strike objects harder than 46 HRC. Striking items of a greater hardness is liable to cause fracture or chipping

**MACHINIST
HAMMERS
DIN 1041
INDESTRUCTIBLE
HANDLE**

Popular
in
EUROPE

MHID-DIN

- Metal working hammers
- Especially useful in forging, riveting & shaping of metals & removal of dents
- Fully forged heavy duty induction hardened head 50-58 HRC
- 2 Spring steel bars are locked into the head with a steel locking plate, eliminating loosening or dislodging of head



SIZES

300 gm x 13" (330 mm)
500 gm x 13" (330 mm)
800 gm x 14" (350 mm)
1000 gm x 14" (350 mm)

BALL PEIN HAMMERS - INDESTRUCTIBLE HANDLE

BS 876
For material, hardness
& performance



- A MUST HAVE TOOL for metal workers
- Designed for bending & shaping metal, hand forging, setting rivets and texturing face of metal
- 2 Spring steel bars are locked into the head with a steel locking plate, eliminating loosening or dislodging of head

BPID

- Heavy duty head 50-58 HRC



SIZES

16 oz. x 14"	450 gm x 350 mm
20 oz. x 14"	565 gm x 350 mm
★ 24 oz. x 14"	680 gm x 350 mm
★ 32 oz. x 14"	900 gm x 350 mm
48 oz. x 14"	1360 gm x 350 mm

★ **Bestseller**

BPID-SF

- Soft face head 30-35 HRC



SIZES

24 oz. x 14"	680 gm x 350 mm
32 oz. x 14"	900 gm x 350 mm

**DRILLING
HAMMER
INDESTRUCTIBLE
HANDLE**

NEW

DHID

- A short handle hammer, useful for light demolition work, driving-in nails & for use with a chisel when cutting stone or metals
- Fully forged heavy duty induction hardened head 45-51 HRC
- Spring steel bars are locked into the head with a steel locking plate, eliminating loosening or dislodging



SIZES

4 lbs x 12"	1.8 kg x 300 mm
-------------	-----------------

**BLACKSMITH'S /
CROSS PEIN HAMMER
INDESTRUCTIBLE HANDLE**



CPID

- Cross Pein hammers are used in metal working, blacksmithing & in stone work
- Fully forged head induction hardened 50-58 HRC
- 4 Spring steel bars are locked into the head with a steel locking plate, eliminating loosening or dislodging



SIZES

2.5 lbs x 16"	1.1 kg x 400 mm
★ 3.5 lbs x 16"	1.6 kg x 400 mm

★ **Bestseller**



**CLAW HAMMER
INDESTRUCTIBLE HANDLE**

BS 876
For material, hardness
& performance



CLID

- Also known as Nailing Hammer, these are used for woodworking, prying & finishing jobs
- Fully forged head induction hardened 50-58 HRC
- 2 Spring steel bars are locked into the head with a steel locking plate, eliminating loosening or dislodging



SIZE

16 oz x 13"	450 gm x 330 mm
-------------	-----------------



TIRE BEAD BREAKER HAMMERS INDESTRUCTIBLE HANDLE

TBID

- Unique tire & wheel service hammer used for separating tires from wheel rims
- Fully forged head induction hardened 50-58 HRC
- 6 Spring steel bars are locked into the head with a steel locking plate, eliminating loosening or dislodging

HEAD



Bead breaking Wedge

Convex shape wedge penetrates the tire bead effectively. Groove on the convex shape creates easy passage for the tire lube into the bead



Top hook

Used as a wheel tipper to break the bead on the other side of the wheel



Sledge edge

Has a hook to drag the tire into position

SIZES

5 lbs. × 20"	2.2 kg × 500 mm
10 lbs. × 32"	4.5 kg × 800 mm



HAMMER KITS INDESTRUCTIBLE HANDLE



KIT-HMID

- Choice of kits, ideal for automotive, construction & everyday maintenance jobs



KIT CONSTITUENTS

Type	KIT/HMID/3S/ST	KIT/HMID/3/ST	KIT/HMID/3C/ST
Club / Sledge Hammer Steel Head	2.5 lbs × 12" (1.1 kg × 300 mm)	4 lbs × 12" (1.8 kg × 300 mm)	4 lbs × 16" (1.8 kg × 400 mm)
Ball Pein Hammer	24 oz × 14" (0.684 kg × 350 mm)	32 oz × 14" (0.912 kg × 350 mm)	32 oz × 14" (0.912 kg × 350 mm)
Cross Pein Hammer	2.5 lbs × 16" (1.1 kg × 400 mm)	2.5 lbs × 16" (1.1 kg × 400 mm)	-
Sledge Hammer Copper Head	-	-	4 lbs × 12" (1.8 kg × 300 mm)

SLEDGE HAMMER DIN 6475 FIBREGLASS HANDLE

SHFG-DIN

- Designed for heavy demolition, driving-in fence posts, rail road and bending & shaping metal
- Fully forged heavy duty induction hardened head 50-58 HRC
- Double Injection moulded handle with 25% wider neck for increased strength & overstrike protection

SIZES

1000 gm × 11"	1 kg × 280 mm
1250 gm × 11"	1.25 kg × 280 mm
1500 gm × 11"	1.5 kg × 280 mm
2000 gm × 12"	2 kg × 300 mm
3000 gm × 36"	3 kg × 900 mm
4000 gm × 36"	4 kg × 900 mm
5000 gm × 36"	5 kg × 900 mm
6000 gm × 36"	6 kg × 900 mm
8000 gm × 36"	8 kg × 900 mm



WARNING: Do not strike objects harder than 46 HRC. Striking items of a greater hardness is liable to cause fracture or chipping

HAMMERS - FIBREGLASS HANDLE



25%
WIDER NECK

For overstrike protection

EXCELLENT STRENGTH & DURABILITY

Built, tested & approved to GROZ superior quality & specifications

FIBREGLASS HANDLE

Double injection moulded handle for increased strength, durability & overstrike protection

Well balanced hammer head to handle ratio optimised for balanced blow each time

SLEDGE HAMMERS FIBREGLASS HANDLE

BS 876

For material, hardness & performance

SANS 387:2014



SHFG

- Sledge hammers are designed for heavy demolition, construction, police, fire & rescue and rebar work
- Fully forged heavy duty induction hardened 50-58 HRC head
- Double Injection moulded handle with 25% wider neck for increased strength & overstrike protection
- Available in:
 1. Short Handle - 16" (400 mm)
 2. Long Handle - 36" (900 mm)



SIZES

2.5 lbs. × 16"	1.1 kg × 400 mm
* 4 lbs. × 16"	1.8 kg × 400 mm
6 lbs. × 36"	2.7 kg × 900 mm
* 8 lbs. × 36"	3.6 kg × 900 mm
* 10 lbs. × 36"	4.5 kg × 900 mm
12 lbs. × 36"	5.5 kg × 900 mm
14 lbs. × 36"	6.3 kg × 900 mm
16 lbs. × 36"	7.3 kg × 900 mm



Popular in
EUROPE

SLEDGE HAMMERS DIN 1042 FIBREGLASS HANDLE

STFG

- Also known as Stoning Hammers, these are designed for light demolition and masonry application
- Fully forged heavy duty induction hardened head 50-58 HRC
- Double Injection moulded handle with 25% wider neck for increased strength & overstrike protection

SIZES

3 kg × 24" (600 mm)
4 kg × 28" (700 mm)
5 kg × 32" (800 mm)
6 kg × 32" (800 mm)
8 kg × 36" (900 mm)



MACHINIST HAMMERS DIN 1041 FIBREGLASS HANDLE

Popular
in
EUROPE

MHFG

- Machinist hammers are metal working hammers
- Fully forged heavy duty induction hardened head 50-58 HRC
- Double Injection moulded handle with 25% wider neck for increased strength & overstrike protection



SIZES

100 gm × 11" (280 mm)
200 gm × 11" (280 mm)
300 gm × 12" (300 mm)
400 gm × 12" (300 mm)
500 gm × 13" (330 mm)
600 gm × 13" (330 mm)
800 gm × 14" (350 mm)
1 kg × 14" (350 mm)
1.5 kg × 16" (400 mm)
2 kg × 16" (400 mm)

BLACKSMITH'S/ CROSS PEIN HAMMERS FIBREGLASS HANDLE

BS 876

For material, hardness
& performance

B107.400-2018



BHFG

- Cross Pein hammers are used in metal working, blacksmithing & in stone work
- Fully forged heavy duty induction hardened head 50-58 HRC
- Double Injection moulded handle with 25% wider neck for increased strength & overstrike protection



SIZES

2.5 lbs × 14"	1.1 kg × 350 mm
★ 4 lbs × 14"	1.8 kg × 350 mm

★ Bestseller

BALL PEIN HAMMERS FIBREGLASS HANDLE

BS 876

For material, hardness
& performance



BPFG

- A MUST HAVE TOOL for metal workers for bending & shaping metals, driving punches and setting rivets etc.
- Fully forged heavy duty induction hardened head 50-58 HRC
- Double Injection moulded handle with 25% wider neck for increased strength & overstrike protection



SIZES

4 oz × 11"	113 gm × 275 mm
8 oz × 12"	226 gm × 300 mm
12 oz × 13"	340 gm × 330 mm
16 oz × 13"	450 gm × 330 mm
★ 24 oz × 14"	680 gm × 350 mm
★ 32 oz × 14"	900 gm × 350 mm
40 oz × 16"	1134 gm × 400 mm
48 oz × 16"	1360 gm × 400 mm

★ Bestseller

DRILLING HAMMERS FIBREGLASS HANDLE

BS 876

For material, hardness
& performance

B107.400-2018



DHFG

- Also known as the Stone cutter's hammer, these are ideal for the construction workers
- Fully forged heavy duty induction hardened head 50-58 HRC
- Double Injection moulded handle with 25% wider neck for increased strength & overstrike protection



SIZES

2 lbs × 11"	900 gm × 280 mm
★ 3 lbs × 11"	1300 gm × 280 mm

★ Bestseller

ENGINEER'S HAMMERS FIBREGLASS HANDLE

BS 876

For material, hardness
& performance

B107.400-2018



EHFG

- Designed for tile & dry wall demolition and setting bricks & tiles
- Fully forged heavy duty induction hardened head 50-58 HRC
- Double Injection moulded handle with 25% wider neck for increased strength & overstrike protection



SIZES

2.5 lbs × 14"	1.1 kg × 350 mm
★ 4 lbs × 14"	1.8 kg × 350 mm

★ Bestseller

CLAW HAMMER FIBREGLASS HANDLE

BS 876

For material, hardness
& performance



CLFG

- Also known as Nailing Hammer. These are used for woodworking, prying & finishing jobs
- Fully forged heavy duty induction hardened head 50-58 HRC
- Double Injection moulded handle with 25% wider neck for increased strength & overstrike protection



SIZES

16 oz. × 13"	450 gm × 330 mm
--------------	-----------------

WARNING: Do not strike objects harder than 46 HRC. Striking items of a greater hardness is liable to cause fracture or chipping

**SLEDGE HAMMER
BRASS HEAD
FIBREGLASS HANDLE**

NEW

SHFG-BR

- Used in combustible environment such as on oil rigs, gas industry and for automotive application where the struck surface is soft
- Double Injection moulded handle with 25% wider neck for increased strength & overstrike protection



SIZES

2.5 lbs x 16"	1.1 kg x 400 mm
4 lbs x 16"	1.8 kg x 400 mm
6 lbs x 16"	2.7 kg x 400 mm
6 lbs x 36"	2.7 kg x 900 mm
8 lbs x 16"	3.6 kg x 400 mm
8 lbs x 36"	3.6 kg x 900 mm

**SLEDGE HAMMER
COPPER HEAD
FIBREGLASS HANDLE**

NEW

SHFG-CU

- Popular in mining & automotive applications
- Copper head resists sparking & reduces marring of struck faces
- Double Injection moulded handle with 25% wider neck for increased strength & overstrike protection

**99.9%
Copper
Forged
Head**



SIZES

2.5 lbs x 16"	1.1 kg x 400 mm
4 lbs x 16"	1.8 kg x 400 mm
6 lbs x 16"	2.7 kg x 400 mm
6 lbs x 36"	2.7 kg x 900 mm
8 lbs x 16"	3.6 kg x 400 mm
8 lbs x 36"	3.6 kg x 900 mm

HAMMERS - HICKORY WOOD HANDLE



**EXCELLENT
STRENGTH &
DURABILITY**

Built, tested & approved to GROZ superior quality & specifications

**REINFORCING
COLLAR**

Helps protect against overstrike

**100%
GENUINE
US HICKORY
HANDLE**

For high energy transfer & reduced vibrations

SLEDGE HAMMER HICKORY WOOD HANDLE

BS 876

B107.400-2018

For material, hardness
& performance



SHHW

- Designed for heavy demolition & hammering applications, fracturing stone & concrete, setting bolts, driving-in stakes etc.
- Fully forged head hardened 50-58 HRC



SIZES

2.5 lbs × 16"	1.1 kg × 400 mm
★ 4 lbs × 16"	1.8 kg × 400 mm
6 lbs × 30"	2.7 kg × 750 mm
6 lbs × 36"	2.7 kg × 900 mm
8 lbs × 30"	3.6 kg × 750 mm
★ 8 lbs × 36"	3.6 kg × 900 mm
★ 10 lbs × 36"	4.5 kg × 900 mm
12 lbs × 36"	5.5 kg × 900 mm
14 lbs × 36"	6.3 kg × 900 mm
16 lbs × 36"	7.3 kg × 900 mm

★ **Bestseller**

SLEDGE HAMMER DIN 6475 HICKORY WOOD HANDLE

Popular
in
EUROPE

SHHW-DIN

- Designed for heavy demolition, driving in fence posts, rail road applications and bending & shaping metals
- Fully forged heavy duty induction hardened head 50-58 HRC



SIZES

1 kg × 11" (280 mm)
1.25 kg × 11" (280 mm)
1.5 kg × 11" (280 mm)
2 kg × 12" (300 mm)
3 kg × 24" (600 mm)
4 kg × 28" (700 mm)
5 kg × 32" (800 mm)
6 kg × 32" (800 mm)
8 kg × 32" (800 mm)
8 kg × 36" (900 mm)

SLEDGE HAMMER DIN 1042 HICKORY WOOD HANDLE

Popular
in
EUROPE

STHW

- Also known as Stoning Hammers, these are designed for light demolition and masonry application
- Fully forged heavy duty induction hardened head 50-58 HRC



SIZES

3 kg × 24" (600 mm)
4 kg × 28" (700 mm)
5 kg × 32" (800 mm)
6 kg × 32" (800 mm)
8 kg × 36" (900 mm)

MACHINIST HAMMER DIN 1041 HICKORY WOOD HANDLE

BALL PEIN HAMMER HICKORY WOOD HANDLE

BS 876

For material, hardness
& performance



MHHW

- Machinist hammers are metal working hammers
- Fully forged heavy duty induction hardened head 50-58 HRC



SIZES

0.1 kg × 11" (280 mm)
0.2 kg × 11" (280 mm)
0.3 kg × 12" (300 mm)
0.4 kg × 12" (300 mm)
0.5 kg × 13" (330 mm)
0.6 kg × 13" (330 mm)
0.8 kg × 14" (350 mm)
1 kg × 14" (350 mm)
1.5 kg × 16" (400 mm)
2 kg × 16" (400 mm)

BPHW

- A MUST HAVE TOOL for metal workers for bending & shaping metals, driving punches and setting rivets etc.
- Fully forged head hardened 50-58 HRC



SIZES

4 oz × 11"	113 gm × 275 mm
8 oz × 12"	226 gm × 300 mm
12 oz × 13"	340 gm × 330 mm
16 oz × 13"	450 gm × 330 mm
★ 24 oz × 14"	680 gm × 350 mm
★ 32 oz × 14"	900 gm × 350 mm
40 oz × 16"	1134 gm × 400 mm
48 oz × 16"	1360 gm × 400 mm

★ **Bestseller**

DRILLING HAMMER HICKORY WOOD HANDLE

BS 876

For material, hardness
& performance

B107.400-2018



DHHW

- Also known as the Stone cutter's hammer, these are ideal for the construction workers
- Fully forged heavy duty induction hardened head 50-58 HRC



SIZES

2 lbs × 11"	900 gm × 280 mm
★ 3 lbs × 11"	1300 gm × 280 mm

★ **Bestseller**

WARNING: Do not strike objects harder than 46 HRC. Striking items of a greater hardness is liable to cause fracture or chipping

ENGINEER'S HAMMER HICKORY WOOD HANDLE

BS 876

For material, hardness
& performance

B107.400-2018



EHHW

- Fully forged heavy duty induction hardened head 50-58 HRC
- A popular tool on any construction site used for drywall & tiling work



SIZES

2.5 lbs x 14"	1.1 kg x 350 mm
* 4 lbs x 14"	1.8 kg x 350 mm

* Bestseller

BLACKSMITH'S/ CROSS PEIN HAMMERS HICKORY WOOD HANDLE

BS 876

For material, hardness
& performance

B107.400-2018



BHHW

- Cross Pein hammers are used in metal working, blacksmithing & in stone work
- Hammer heads are forged from special steel & induction hardened to 50-58 HRC



SIZES

2.5 lbs x 14"	1.1 kg x 350 mm
* 4 lbs x 14"	1.8 kg x 350 mm

* Bestseller

AXES & MAULS

AXE INDESTRUCTIBLE HANDLE

NEW

AXID

- Designed for cutting medium to large sized logs with maximum efficiency
- Fully forged heavy duty induction hardened head 50-58 HRC
- 2 Spring Steel bars are locked into the head with a steel locking plate, eliminating loosening or dislodging



SIZES

1.25 lbs x 14"	0.5 kg x 350 mm
4 lbs. x 36"	1.8 kg x 900 mm

AXE FIBREGLASS HANDLE

B107.400-2018



AXE-FG

- Fully forged heavy duty induction hardened head 50-58 HRC
- Polished edge for long lasting sharpness
- Double Injection moulded handle with 25% wider neck for increased strength & overstrike protection



SIZES

1.25 lbs x 14"	0.5 kg x 350 mm
4 lbs. x 36"	1.8 kg x 900 mm

AXE HICKORY WOOD HANDLE

B107.400-2018



AXE-HW

- Fully forged heavy duty induction hardened head 50-58 HRC
- Polished edge for long lasting sharpness
- Genuine Hickory wood handle for high energy transfer & reduced vibrations



SIZES

1.25 lbs x 14"	0.5 kg x 350 mm
4 lbs x 36"	1.8 kg x 900 mm

AXE SHARPNER

NEW

AXE-SPR

- A must have tool for Axe and Maul owners, this sharpener helps in quick re-sharpening of the blade
- Move the blade forward & backward on the ceramic rollers for quick and accurate resharpener
- Non slip pads on base for stability while sharpening
- Engineered plastic construction makes it strong & durable



MAULS FIBREGLASS HANDLE

B107.400-2018



MAUL-FG

- Fully forged heavy duty induction hardened head 50-58 HRC
- Special head design:
 1. Splitting Face: for splitting big logs
 2. Driving Face: for driving wedges & stakes
- Double Injection moulded handle with 25% wider neck for increased strength & overstrike protection



SIZES

4.5 lbs x 36"	2 kg x 900 mm
6 lbs x 36"	2.7 kg x 900 mm
8 lbs x 36"	3.6 kg x 900 mm

MAULS HICKORY WOOD HANDLE

B107.400-2018



MAUL-HW

- Fully forged heavy duty induction hardened head 50-58 HRC
- Special head design:
 1. Splitting Face: for splitting big logs
 2. Driving Face: for driving wedges & stakes



SIZES

4.5 lbs x 36"	2 kg x 900 mm
6 lbs x 36"	2.7 kg x 900 mm
8 lbs x 36"	3.6 kg x 900 mm

AUTOMOTIVE HAMMERS

AUTO BODY REPAIR HAMMER KITS HICKORY WOOD HANDLE

NEW

KIT-BFT

- Popularly known as Fender Hammer Kits, these are ideal for pounding out auto sheet metal
- Hammers and dollies are suited for flattening metal panels, removing dings and dents and shrinking metal for repairs
- Also available as individual items



7 pc Set Includes :

- Utility Pick Hammer
- Cross Chisel Shrinking Hammer
- Cross Chisel Curved Hammer
- Heel Dolly
- Utility Dolly
- Thin Toe Dolly
- Light Dinging Spoon



4 pc Set Includes :

- Utility Pick Hammer
- General Purpose Pick Hammer
- Cross Chisel Curved Hammer
- Door Skin Hammer

MALLETS

RUBBER MALLETS

- Used as a soft striking tool in automotive industrial, DIY, Carpentry, Garden, Landscaping applications

AVAILABLE WITH

- Black head for use in damp conditions or outdoors
- White head will not discolour or leave marks on work surface

MLTR-FG

- 14" Fibreglass Handle



HEAD WEIGHT

- 16 oz (453 gm)
- 20 oz (567 gm)
- 32 oz (907 gm)

MLTR-HW

- 14" Hickory Wood Handle



HEAD WEIGHT

- 16 oz (453 gm)
- 20 oz (567 gm)
- 32 oz (907 gm)

MLTR-BW

- 14" Hard Wood Handle



HEAD WEIGHT

- 16 oz (453 gm)
- 20 oz (567 gm)
- 32 oz (907 gm)

DEAD BLOW HAMMER FIBREGLASS HANDLE

DBFG

- One of a kind Dead Blow Hammer with replaceable faces
- Dead Blow Hammers are used for applications that require a controlled strike without causing damage to the struck surface
- Steel shots in the head create a dead blow effect for sustained impact & maximum force without rebound
- Convex striking faces resist chipping & splitting
- Dual injection moulded fibreglass handle for controlled and balanced swing



REPLACEABLE FACES



Polyurethane



Steel



Copper



Aluminium



Brass



Combination of Polyurethane & Steel

WEIGHT	FACE DIA.
28 oz	1-29/32" (49.4 mm)
45 oz	2-1/4" (57.4 mm)

INTERCHANGEABLE FACE MALLETS

APPLICATION:

- Light Engineering Jobs
- Injection Moulding
- Denting & Painting
- Assembly & Fitting in automotive workshops
- Jewellery Making

HMR-SF

- Mallet with Plastic & Rubber head



HMR-ST

- Mallet with Plastic & Rubber head fitted, Copper & brass head as spares



PUNCHES, CHISELS & BOLSTERS

CENTRE PUNCHES

- Centre punches are used for marking metal indentation on a work piece before drilling
- Hardened 52-58 HRC

CP-HD

- Centre Punches - Heavy Duty**
- Carbon steel construction with hexagonal shank

POINT SIZES

- 5/64" (2 mm)
- 1/8" (3 mm)
- 5/32" (4 mm)
- 1/4" (6 mm)
- 3/8" (10 mm)



CP

- Round Shank**
- Carbon steel construction

POINT SIZES

- 1/16" (1.5 mm)
- 5/64" (2 mm)
- 3/32" (2.5 mm)
- 1/8" (3 mm)
- 9/64" (3.5 mm)
- 5/32" (4 mm)
- 3/16" (5 mm)
- 7/32" (5.5 mm)
- 1/4" (6 mm)



PIN PUNCHES - HEAVY DUTY

- Carbon steel construction with hexagonal shank
- Hardened 52-58 HRC

PP-HD

- Regular**

PIN DIAMETER

- 1/16" (1.5 mm)
- 3/32" (2.5 mm)
- 1/8" (3 mm)
- 5/32" (4 mm)
- 3/16" (5 mm)
- 7/32" (5.5 mm)
- 1/4" (6 mm)
- 5/16" (8 mm)
- 3/8" (10 mm)



- Extra Long**
- 8" (200 mm) long**

PIN DIAMETER

- 1/8" (3 mm)
- 3/16" (5 mm)
- 1/4" (6 mm)
- 5/16" (8 mm)
- 3/8" (10 mm)



PIN PUNCHES - ROUND SHANK

- Carbon steel construction with circular shank

PP

- 4" (100 mm) long**

PIN DIAMETER

- 1/16" (1.5 mm)
- 3/32" (2.5 mm)
- 1/8" (3 mm)
- 5/32" (4 mm)
- 3/16" (5 mm)
- 7/32" (5.5 mm)
- 1/4" (6 mm)
- 5/16" (8 mm)



PPR

- 6" (150 mm) long**

PIN DIAMETER

- 1/16" (1.5 mm)
- 3/32" (2.5 mm)
- 1/8" (3 mm)
- 5/32" (4 mm)
- 3/16" (5 mm)
- 7/32" (5.5 mm)
- 1/4" (6 mm)
- 5/16" (8 mm)
- 3/8" (10 mm)



DRIFT PUNCHES HEAVY DUTY

DFP-HD

- Drift Punches, also called Alignment Punches are used to line up holes in metals and for drawing pins through various assemblies
- Single piece carbon steel construction with hexagonal shank
- Hardened 52-58 HRC



TIP DIAMETER

- 3/32" (2.5 mm)
- 1/8" (3 mm)
- 5/32" (4 mm)
- 3/16" (5 mm)
- 7/32" (5.5 mm)
- 1/4" (6 mm)
- 5/16" (8 mm)
- 3/8" (10 mm)
- 1/2" (12 mm)



DRIFT PUNCHES BRASS

DFP-BR

- Ideal for delicate work on soft materials
- Also called Alignment Punches, these are used to line up holes in metals and for drawing pins through various assemblies
- Circular shank
- Overall Length**
5-13/16" (147 mm)

TIP DIAMETER

- 1/4" (6 mm)
- 3/8" (10 mm)
- 1/2" (12 mm)
- 5/8" (16 mm)
- 3/4" (19 mm)



DDP

- 8" (200mm) Long**
- Two piece construction

PIN DIAMETER

- 1/16" (1.5 mm)
- 3/32" (2.5 mm)
- 1/8" (3 mm)
- 5/32" (4 mm)
- 3/16" (5 mm)
- 1/4" (6 mm)
- 5/16" (8 mm)
- 3/8" (10 mm)



STARTING PUNCHES - HEAVY DUTY

SGP-HD

- Used as a starting tool prior to using pin punches, these are useful for loosening frozen or tight pins and keys or knocking out rivets
- Carbon steel construction with hexagonal shank
- Hardened 52-58 HRC

POINT SIZES

- | | |
|----------------|----------------|
| 1/16" (1.5 mm) | 7/32" (5.5 mm) |
| 3/32" (2.5 mm) | 1/4" (6 mm) |
| 1/8" (3 mm) | 5/16" (8 mm) |
| 5/32" (4 mm) | 3/8" (10 mm) |
| 3/16" (5 mm) | 1/2" (12 mm) |



HINGE CENTERING PUNCH

JCP

- For starting and centering screw holes when attaching countersunk hardware such as hinges, brackets, locks & drawer pulls
- Spring action with a hardened steel pin for convenient marking
- **Stock Size**
3/8" (10 mm)
- **Overall Length**
3" (78 mm)



ROLL PIN PUNCHES HEAVY DUTY

RPP-HD

- Used to remove spring pins/roll pins
- Single piece carbon steel construction with hexagonal shank
- Hardened 52-58 HRC

PIN DIAMETER

3/32" (2.5 mm)
1/8" (3 mm)
5/32" (4 mm)
3/16" (5 mm)
1/4" (6 mm)
5/16" (8 mm)



PRICK PUNCHES HEAVY DUTY

PKP-HD

- Used for precise marking/scoring in metal working applications
- Single piece carbon steel construction with hexagonal shank
- Hardened 52-58 HRC

STOCK SIZE

1/4" (6 mm)
3/8" (10 mm)
1/2" (12 mm)



NAIL PUNCHES

NLP

- Designed for driving nail heads below wood surface & to remove nails
- Two piece carbon steel construction

PIN DIAMETER

1/32" (0.8 mm)
1/16" (1.5 mm)
3/32" (2.5 mm)
1/8" (3 mm)
5/32" (4 mm)
3/16" (5 mm)



HOLLOW & ARCH PUNCHES

HPL

- Single piece steel cylindrical construction
- Designed to cut small holes ranging from 3/32" (2 mm) to 1" (25 mm)



HPL-BEL

- Arch/Bell type construction
- Larger form with a long shaft for convenient holding
- Designed to cut holes ranging from 3/16" (5 mm) to 2-3/4" (70 mm)

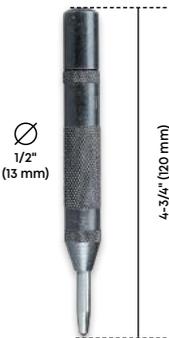


AUTOMATIC CENTRE PUNCHES

Fully automatic, single hand operated, spring loaded punches

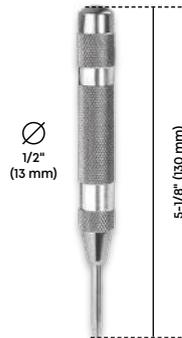
ACP/18

- Steel Punch useful for light marking jobs



ACP/SS/89

- Stainless Steel Punch useful for light marking jobs



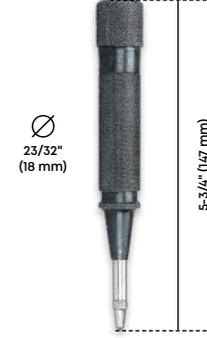
ACP/77

- Aluminium Punch useful for light marking jobs



ACP/78

- HD Steel Punch useful for marking very deep indentations



STEEL STAMPS

- Designed for hand held hammer struck applications
- **Available in two variants:**
a. Number Stamps
b. Letter Stamps
- **Available in 9 sizes:**
1/16" (1 mm) to 1/2" (12 mm)

LP

Letter Punches
27 Piece Set
A-Z, &



Plastic Case

NP

Number Punches
9 Piece Set
0-9



52-58 HRC
At Stamping
End



35-42 HRC
At Striking
End



Wooden Case

COLD CHISELS

CHS

- Forged construction with octagonal shank
- Cutting edge hardened 52-58 HRC
- Used for cutting & chipping metals and in stonework
- **Available blade widths:**
From 1/4" (6 mm) - 1" (25 mm)



Cold Chisels

Cold Chisels with guard

CONCRETE POINT

CRP

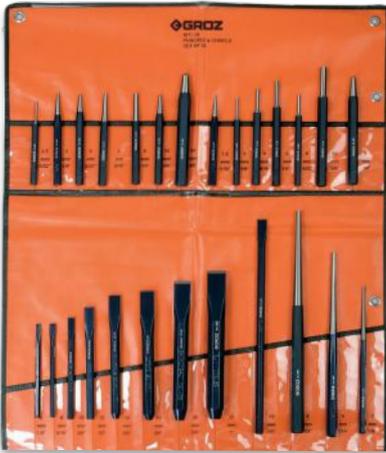
- Used for breaking concrete floor, side walk etc.



PUNCH & CHISEL SETS

KIT/26/ST

26 PC



KIT/13/ST

13 PC



KIT/8/ST

8 PC



KIT/14/ST

14 PC



KIT/7/ST

7 PC



KIT/16/ST

16 PC



KIT/24/ST

24 PC



BOLSTERS

ACC. BS3066

For hardness

- Forged construction
- Precisely ground cutting edge

BRC

Brick Bolsters

- Ideal for cutting brick, stone & paving slabs
- **Available blade widths:**
3" (75 mm) & 4" (100 mm)
- **Stock Size:**
7/8" (22 mm)



Brick Bolsters

Brick Bolsters with guard

FLR

Floor Chisels

- Designed with very thin blade - Ideal for cutting tongued joints & lifting floorboards
- **Available blade width:**
2-1/2" (63 mm)



Floor Chisels

Floor Chisels with guard

WRECKING & DEMOLITION BARS

WB

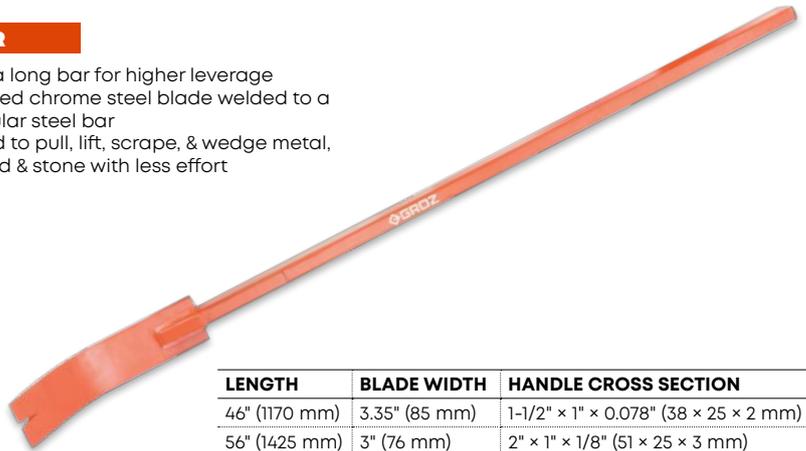
- Used for leveraging timber & pulling out nails from timber, dismantling wooden crates etc.
- Forged from octagonal section steel



LENGTH	SECTION
12" (300 mm)	5/8" (16 mm)
16" (400 mm)	5/8" (16 mm)
18" (450 mm)	5/8" (16 mm)
20" (500 mm)	5/8" (16 mm)
24" (600 mm)	3/4" (19 mm)
28" (700 mm)	3/4" (19 mm)
30" (750 mm)	3/4" (19 mm)
36" (900 mm)	3/4" (19 mm)
40" (1000 mm)	3/4" (19 mm)

HDPR

- Extra long bar for higher leverage
- Forged chrome steel blade welded to a tubular steel bar
- Used to pull, lift, scrape, & wedge metal, wood & stone with less effort



LENGTH	BLADE WIDTH	HANDLE CROSS SECTION
46" (1170 mm)	3.35" (85 mm)	1-1/2" x 1" x 0.078" (38 x 25 x 2 mm)
56" (1425 mm)	3" (76 mm)	2" x 1" x 1/8" (51 x 25 x 3 mm)

G-BAR HEAVY DUTY WRECKING BARS

GBR

- Forged I section steel bar, fully hardened & tempered

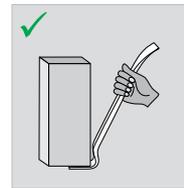
LENGTH	SECTION
14" (350 mm)	1/2 x 19/32" (12 x 15 mm)
24" (600 mm)	5/8 x 1-3/16" (16 x 30 mm)
36" (900 mm)	5/8 x 1-3/16" (16 x 30 mm)
48" (1200 mm)	5/8 x 1-3/16" (16 x 30 mm)



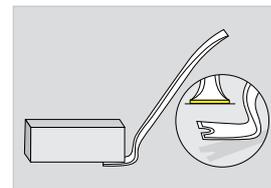
V slot in the claw for pulling out nails



Regular wrecking bar



Larger bar-to-claw for 2X leverage & convenient use near surface



Low & thin profile for easy fitment under the surface

POST HOLE DIGGING BAR

PHD

- Heavy duty 1" (25 mm) hex steel bar for higher strength in toughest of jobs
- 2-3/8" (60 mm) mushroom head at one end & bevelled chisel edge at other end

UTILITY:

- Fence post work
- Digging holes
- Breaking up clay
- Cutting through tree roots

SAN-ANGELO BAR

SAB

- Heavy duty 1" (25 mm) hex steel bar for higher strength in toughest of jobs

UTILITY:

- Breaking up concrete & stone
- Prying heavy material
- Digging into difficult soil to cut tree roots & obstacles
- Breaking up rocks, clay & concrete
- Moving heavy objects around the yard



Used in digging into earth



Can easily dig into hard soil



San-Angelo Bar

72" (1820 mm)



69" (1750 mm)

Post Hole Digging Bar

02 hacksaw frames and blades

HACKSAW FRAMES

SUPER CUT HI-TENSION HACKSAW

HF40



30,000 PSI

- Amongst the world's strongest and fastest cutting hacksaw frame
- Blade can be tensioned upto 5X more than most other hacksaws
- Aluminium die-cast handle with tubular frame
- Blade can be mounted at 45° or 90°
- Storage space in tubular frame for spare blades
- Comes with 12" (300mm) bi-metal blade



JUNIOR SAW BABY BITE

- Compact steel frame
- ABS handle grip
- Blade tensioning mechanism locks blade easily
- Comes with 6" (150mm) mini saw blade



JHF/P12-RD



JHF/P12-GY



JHF/P12-BL

HACKSAW FRAME - PROFESSIONAL



8,000 PSI

- Aluminium die-cast handle with tubular steel frame
- Comes with 12" (300mm) chrome steel blade

HF-12BC

Chrome plated frame with blue handle



HF-12RB

Black powder coated frame with red handle

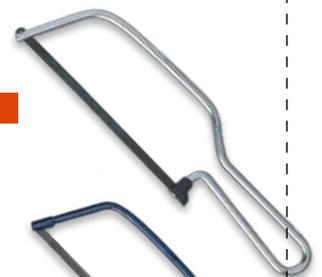


JUNIOR SAW FRAMES

- Steel wire frame junior saws designed to ensure correct alignment & perfect blade tension
- Comes with 6" (150mm) mini saw blade

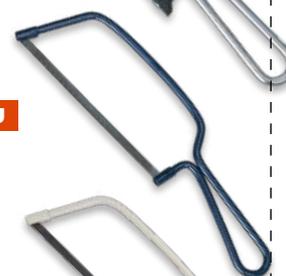
JHF-4P

Plated frame



JHF-4PD/BU

Blue powder coated frame



JHF-4PD/GY

Grey powder coated frame



HANDYMAN'S HACKSAW

HF15



6,000 PSI

- Aluminium die-cast handle
- Tubular steel frame with storage for spare blades
- Blade can be mounted at 45° & 90°
- Comes with 12" (300mm) chrome steel blade



FRET SAW FRAMES

- Ideal for fine cutting work in wood & other fine materials
- Large bow allows blade to be tensioned as it is clamped in the frame
- Complete with standard fret saw blade

FSF-9



Powder coated frame

FSF-9CP



Chrome plated frame

PIERCING SAW FRAMES

- For precision profile cutting of thin metal, plastic in metal working, jewellery & dentistry applications

PSF-A

Adjustable Piercing Saw Frame

- Adjustable for different blade lengths & can even accommodate broken blades



PSF-D

Deep Bow Piercing Saw Frame

- Deep bow design for application that require larger depth



COPING SAW FRAMES

- Ideal for cutting intricate shapes in wood
- Blade can be turned to cut at any angle
- Required tension achieved by turning the handle
- Complete with a well set coping saw blade

CSF-10



Blue powder coated frame

CSF-10C



Chrome plated frame

HACKSAW BLADES

BI-METAL HACKSAW BLADES

HB-BC



66-68 HRC

- Super efficient, shatter proof bi-metal blades
- High speed steel cutting edge welded to a spring steel back
- Cobalt enhances blade hardness to 66-68 HRC making these suitable for use on nickel based alloy and high hardness steel



LENGTH	TPI
10" (250 mm)	14, 18, 24 & 32
12" (300 mm)	14, 18, 24 & 32

HACKSAW BLADES

HB-C



52-62 HRC

- High grade chrome alloy steel blades
- For light & medium sawing jobs



LENGTH	TPI
10" (250 mm)	18 & 24
12" (300 mm)	18 & 24

MINI SAW BLADES

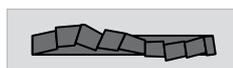
MSB

- Hardened blades useful for metal working applications

LENGTH	TPI
6" (150 mm)	32



30% more cutting power



Wavy Teeth Pattern with 6 teeth chip removal cycle for cleaner cutting
Prevents teeth from binding with material being cut

COPING SAW BLADES

CSB

- Heat treated steel blades with teeth set to ensure speed of cutting & ease of turning

LENGTH	TPI
6-1/2" (165 mm)	14



FRET SAW BLADES

FSB

- Ideal for hand & light machine sawing of wood, bone, vulcate, fibre, horn & plastics

LENGTH	TPI
5" (125 mm)	10, 12, 14, 16 & 18



03 vices & clamps

MULTI PURPOSE VICE

BV-MP

- Ideal vice for mechanic's & professional users
- **Jaw Width**
5" (125 mm)
- **Jaw Opening**
5" (125 mm)



Pipe Jaw can hold pipes with diameter upto 2" (50 mm)



Integrated 360° swivel base



Rotating jaw head

ENGINEER'S STEEL BENCH VICES

EBV

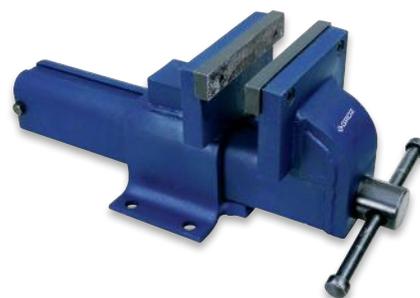
- All steel construction
- Fixed base with integrated anvil for shaping & beating

JAW WIDTH

4" (100 mm)

6" (150 mm)

8" (200 mm)



MECHANIC'S VICES BENCH VICES



20,000 PSI

Heavy Duty Mechanic's BV Series

- Cast iron construction with excellent shock bearing capacity & high strength under compression
- Designed for tough usage in industrial applications & training workshops

JAW WIDTH

3" (75 mm)

4" (100 mm)

5" (125 mm)

6" (150 mm)

8" (200 mm)

BV-F

Fixed Base



BV-S

360° Swivel Base



Mechanic's BNV Series

- Lighter weight vices designed for gripping/ holding jobs & general purpose workshop applications

JAW WIDTH

4" (100 mm)

5" (125 mm)

6" (150 mm)

8" (200 mm)

BNV-F

Fixed Base



BNV-S

360° Swivel Base



DRILL PRESS VICES UNIGRIP

DPV-UG

- Low profile & compact vices suitable for use in metal & woodworking applications
- Fixed jaw with 3 longitudinal and 1 transversal prisms for firm gripping of round stock both horizontally and vertically
- Spindle moves inside the hollow hand grip making these vices usable on any position on work table

JAW WIDTH

3-3/16" (80 mm)

4" (100 mm)

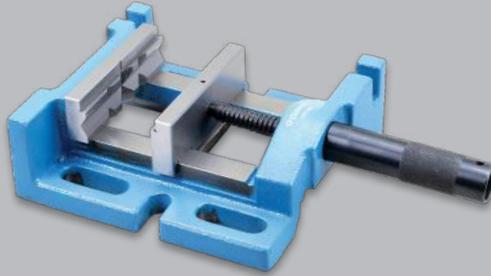
5" (120 mm)



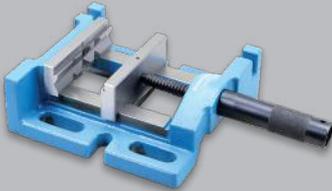
3 WAY DRILL PRESS VICES - UNIGRIP

DPV-3UG

- 3 mounting options useful for drilling along all axes with a single setting of job & holding of long workpieces which are cumbersome & difficult to manage in regular vices
- **Jaw Opening**
3-1/2" (88 mm)
- **Jaw Width**
4" (100 mm)



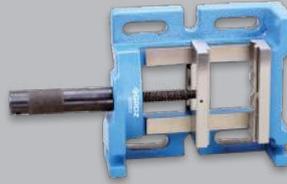
3 MOUNTING OPTIONS



Precisely ground base and vice bed



Fully ground end face allows for right angle machining with the same machine setting



Fully ground side face allows for right angle machining with the same jaw setting. The jaw width acts as jaw height facilitating longer workpieces to be held

HAND VICES

HV

- Hand vices are best suited for working on small jobs
- Vices can be gripped in one hand or held between the jaws of a larger vice for better access to the workpiece

JAW WIDTH

1-3/8" (35 mm)

1-9/16" (40 mm)

2" (50 mm)



HOBBYIST VICES

Ideal for use by model makers & DIY enthusiasts

TBV-F

Fixed Base



JAW WIDTH

1-1/4" (32 mm)

1-5/8" (40 mm)

2" (50 mm)

2-3/8" (60 mm)

3" (75 mm)

TBV-S

Swivel Base

- For applications that involve working in confined spaces



JAW WIDTH

1-1/4" (32 mm)

1-5/8" (40 mm)

2" (50 mm)

2-3/8" (60 mm)

3" (75 mm)

TBV-C

With integrated clamp

- Integrated clamp allows vice to be clamped on any surface easily



JAW WIDTH

1-1/4" (32 mm)

1-5/8" (40 mm)

2" (50 mm)

2-3/8" (60 mm)

3" (75 mm)

4" (100 mm)

TBV-RC

With swivel base & integrated clamp

- Integrated clamp allows vice to be clamped on any surface easily and swivel base allows to rotate vice in any direction



JAW WIDTH

2" (50 mm)

G CLAMPS

GENERAL PURPOSE



60,000 PSI

GCL-13D

- SG Iron construction with powder coated finish with spindle in black oxide finish
- Handle bends before the frame is overstressed

CAPACITY

2" (50 mm)

3" (75 mm)

4" (100 mm)

6" (150 mm)

8" (200 mm)

10" (250 mm)

12" (300 mm)



G CLAMPS JUNIOR

GCL-FSJ

- Forged construction
- Powder coated frames & zinc plated steel screws

CAPACITY

1" (25 mm)

1-1/2" (38 mm)

2" (50 mm)

2-1/2" (63 mm)

3" (75 mm)



04 woodworking tools

WOODWORKING PLANES

BENCH PLANES

SP-3

Smoothing Planes are designed for final finishing work

- **Length**
9-1/2" (240 mm)
- **Cutter width**
1-3/4" (45 mm)

Smoothing
Base Planes



Corrugated
Base Planes

SP-4

Smoothing Planes are designed for final finishing work

- **Length**
10-1/4" (260 mm)
- **Cutter width**
2" (50 mm)

Smoothing
Base Planes



Corrugated
Base Planes

JP-5

Jack Planes are designed for heavy stock removal when preparing sawn timber prior to final finishing

- **Length**
14" (355 mm)
- **Cutter Width**
2" (50 mm)

Smoothing
Base Planes



Corrugated
Base Planes

FP-6

Fore Plane are used for flattening & smoothing wider panels such as table tops & work bench tops

- **Length**
18" (458 mm)
- **Cutter Width**
2-3/8" (60 mm)



JP-7

Jointer Plane : Used for truing up the edges of long boards prior to joining them together to create large boards

- **Length**
22" (560 mm)
- **Cutter Width**
2-3/8" (60 mm)

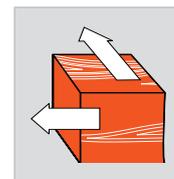


DUPLEX RABBET PLANE

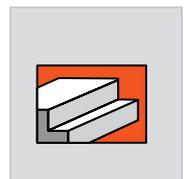
DRFP-78

Plane has 2 positions for the cutter
1. Rear position for regular rabbet work
2. Forward position for bulk nose work

- **Length**
8-1/2" (212 mm)
- **Cutter Width**
1-1/2" (40 mm)



Cuts rabbets
both with and
across the
grain



Makes rabbet
cuts in wood for
door frames,
windows,
furniture and
cabinet car
casses

WOODWORKING VICES

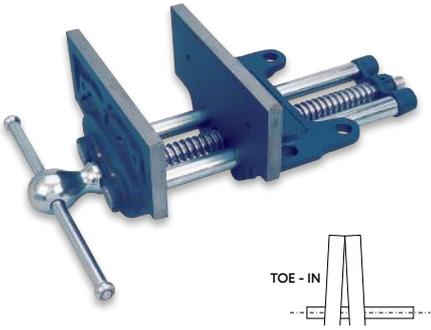
WOODWORKING VICES PLAIN SCREW

WWV

- Close-grained grey cast iron construction
- Heavy duty full size workshop vices
- Steel main screw has buttress thread
- Useful for large sized jobs in carpentry workshops

JAW WIDTH

- 6" (150 mm)
- 7" (175 mm)
- 9" (225 mm)

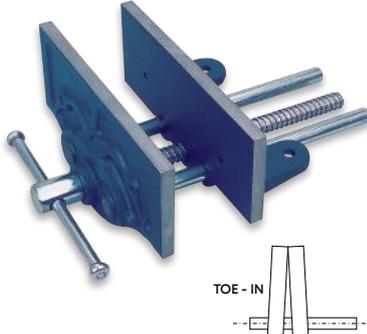


WWV-EC

- Close-grained grey cast iron construction
- Home Carpenter's Vices
- Light weight vices for amateur home carpenters or young woodworkers, yet robust enough for professional who needs compact size

JAW WIDTH

- 7" (175 mm)
- 9" (225 mm)



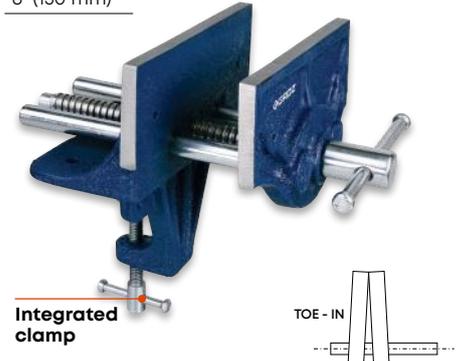
WOODWORKING VICES PORTABLE

WWV-P

- Close-grained grey cast iron construction
- Dual clamping options:
 1. Permanent clamping on the workbench via clamping slots provided in the vices
 2. Additional clamping via 2.5/32" (55 mm) integrated clamp

JAW WIDTH

- 6" (150 mm)



WOODWORKING VICE QUICK RELEASE

WWV-DQ

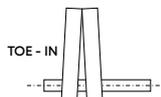
- Close grained grey cast iron construction
- Steel main screw with buttress thread

JAW WIDTH

- 7" (175 mm)
- 9" (225 mm)
- 10-1/2" (270 mm)



Vices are equipped with an adjustable front dog



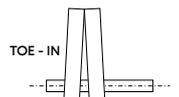
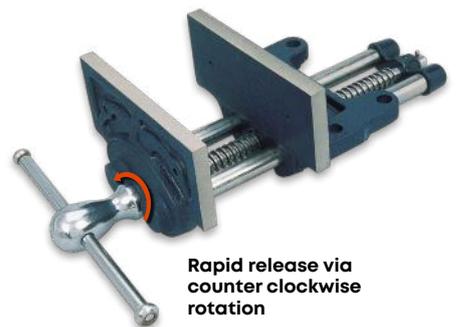
WOODWORKING VICE RAPID ACTION

WWV-R

- Close-grained grey cast iron construction
- Rapid release of the work piece via counter clockwise rotation of the handle

JAW WIDTH

- 7" (175 mm)
- 9" (225 mm)



WOODWORKING FRONT VICE

WWV-F

- Used by wood workers to make their own vice assemblies & on work benches

JAW WIDTH

- 7-1/8" (181 mm)



WOODWORKING CLAMPS

QUICK WOODWORKING CLAMPS

KBC

- Manufactured from "K" section steel profiled to minimize flexing & bending
- Quick adjustment mechanism - lifting aluminium die-cast handle allows the sliding jaw to be moved anywhere on the rail
- **Throat Depth (T)**
3-11/32" (85 mm)
- **Width Of Clamp Face (W)**
1-7/16" (37 mm)
- **Section**
1-1/8" x 3/8" x 1/4"
(29 x 9 x 6 mm)



Quick Action Clamp as a Spreader

CLAMPING CAPACITY

12" (300 mm)
24" (600 mm)
31" (775 mm)
40" (1000 mm)
50" (1250 mm)



PCB/4/ST

Set of 4 Parallel Blocks. These are useful for efficient & accurate set up of raised panels, window & door frames, boxes etc.

CRAMP HEAD SET

CHST

- Low cost alternative to full size bar clamps
- Cast iron head & slide with tapered clamp face
- A bar clamp of any length can be made by using a piece of timber-1" (25 mm) thick

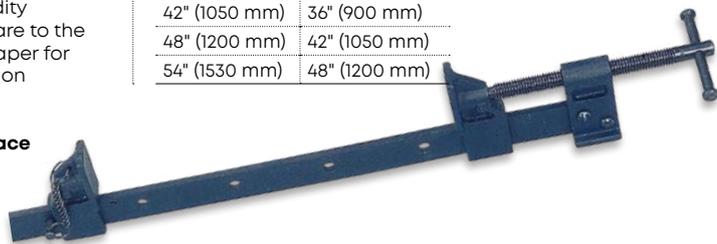


SASH BAR CLAMP

SBC

- Useful for clamping large section workpieces during fabrication, carpentry, gluing in joinery etc.
- Malleable iron head and slides provide rigidity
- Head is fitted square to the bar with 1-1/2 - 2° taper for true clamping action
- **Throat Depth**
2" (50 mm)
- **Width Of Clamp Face**
1-3/16" (30 mm)

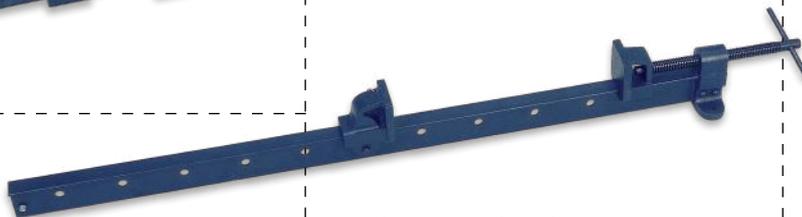
LENGTH	CAPACITY
24" (600 mm)	18" (450 mm)
30" (750 mm)	24" (600 mm)
36" (900 mm)	30" (750 mm)
42" (1050 mm)	36" (900 mm)
48" (1200 mm)	42" (1050 mm)
54" (1350 mm)	48" (1200 mm)



T BAR CLAMPS

TBC

- T-section bar (1" x 7/8") for high resistance to bending
- Perfect for application requiring extra resilience
- Malleable iron head and slide allow these clamps to be used in extra heavy duty applications
- **Throat Depth**
1-7/8" (48 mm)
- **Width of clamp face**
2-1/8" (54 mm)



LENGTH	CAPACITY
36" (900 mm)	30" (750 mm)
48" (1200 mm)	42" (1050 mm)
60" (1500 mm)	54" (1350 mm)
72" (1800 mm)	66" (1650 mm)
84" (2100 mm)	78" (1980 mm)
96" (2400 mm)	90" (2250 mm)

DUO BAR CLAMP

DBC

- Manufactured from drawn steel
- Dual clamping options: Internal & external clamping.
- Internal clamping is useful for holding window or door frames in position
- Equal holes on entire length for clamping
- a vast range of sizes
- **Throat Depth**
2.1/8" (55 mm)
- **Width of clamp face**
1.3/16" (30 mm)

LENGTH	CAPACITY
24" (600 mm)	18" (450 mm)
30" (750 mm)	24" (600 mm)
36" (900 mm)	30" (750 mm)
42" (1050 mm)	36" (900 mm)
48" (1200 mm)	42" (1050 mm)
54" (1350 mm)	48" (1200 mm)



Internal Clamping

External Clamping



05 automotive tools

PRY BARS & CAT BARS

CAT / ALIGNING BARS

CAT

- Forged chrome alloy steel bars
- Hardened 38-43 HRC
- Prying end is on one side with lining up end on other

Powder Coated

Zinc Plated

Zinc Plated



LENGTH

48" (1200 mm)
54" (1350 mm)

LENGTH

16" (400 mm)
18" (450 mm)
24" (600 mm)
30" (750 mm)
36" (900 mm)

LENGTH

16" (400 mm)

STOCK SIZE

1" (25 mm)

STOCK SIZE

5/8" (16 mm)
3/4" (19 mm)
7/8" (22 mm)

STOCK SIZE

5/8" (16 mm)

TYRE LEVERS

TLVR

- Straight pattern tyre levers with hook & taper

LENGTH

16" (400 mm)
21" (530 mm)
24" (600 mm)



INDEXING PRY BARS

IPRY

- CrMo steel. Hardened 45-52 HRC
- Double Push Lock Mechanism with head indexable through 180° & 11 locking positions
- Double push lock safety feature prevents accidental unlocking of head
- Ideal for use in engine re-positioning & placement, aligning steel components, removing bearing from housing.

LENGTH

8" (200 mm)
16" (420 mm)
24" (600 mm)
33" (830 mm)



SCAN TO WATCH



Head indexes through 180° for optimized leverage



ROLL HEAD/ LADY FOOT PRY BARS

PRY

- Fully forged from chrome steel
- Hardened 38-43 HRC
- Designed for heavy prying & fulcrum prying in automotive applications
- Tapered end is useful for aligning applications

LENGTH

6" (150 mm)
12" (300 mm)
16" (400 mm)
20" (500 mm)

STOCK SIZE

5/16" (8 mm)
7/16" (11 mm)
9/16" (14 mm)
11/16" (17 mm)



HANDLED PRY BARS

HPR

- Square section steel construction
- Hardened 38-43 HRC
- Blade runs through the handle to form an end cap providing a solid striking surface
- LDPE & EVA handle for better durability & comfort

LENGTH

8" (200 mm)
12" (300 mm)
18" (450 mm)
24" (600 mm)
32" (800 mm)
36" (900 mm)
42" (1066 mm)
58" (1473 mm)

SECTION

1/4" (6 mm)
7/16" (11 mm)
7/16" (11 mm)
1/2" (13 mm)
1/2" (13 mm)
5/8" (16 mm)
5/8" (16 mm)
5/8" (16 mm)



Metal Striking Cap

Allows hammering without damage to the handle



EXTENDED REACH PIN PUNCHES

HPP

- Chrome steel forged punches
- Hardened 38-45 HRC
- Punch Body extends through the handle & connects with the end cap to provide a solid striking surface
- LDPE & EVA handle for safety & comfort
- **Overall Length:**
16" (400 mm)
For easy access in hard to reach areas

PIN DIAMETER

1/4" (6 mm)
5/16" (8 mm)
3/8" (10 mm)

Metal Striking Cap

Allows hammering without damage to the handle



NEW

POCKET PRY BARS

MPRY-ST

- High tensile 3/16" diameter alloy steel
- Black finish prevents corrosion
- Polyacetate handle with stainless steel pocket clip



55°
Angled

27°
Angled

Straight

HOOK & PICK SETS

HOOK & PICK SETS

HKP

- Aluminium body with knurling for non-slip grip
- Tool steel shaft is heat treated 50-58 HRC for increased durability



KIT/HKP/4/ST
4 Pc set in standard
6" (150 mm) length



KIT/HKP/5/ST
5 Pc set in standard 6" (150 mm) length
Includes one threaded body & 4
interchangeable threaded shafts



KIT/HKP/6L/ST
6 Pc set in extended reach 9-3/4"
(250 mm) length



KIT/HKP/4L/ST
4 Pc set in extended reach 9-3/4"
(250 mm) length



HKP/01
Double Sided unit 9-1/2" (240 mm) long

HOOK & PICK SETS WITH CUSHION GRIP

HKP-C

- Light weight aluminium body
- Heat treated tool steel shaft
- Cushion grip handle for comfortable grip



KIT/HKP/C/4L/ST
4 Pc set in extended reach 9-3/4"
(250 mm) length



KIT/HKP/C/6L/ST
6 Pc set in extended reach 9-3/4"
(250 mm) length



KIT/HKP/C/8L/ST
8 Pc set in extended reach 9-3/4"
(250 mm) length

WORKSHOP TOOLS

SCREW EXTRACTOR SET

SCE

CrMo

- Manufactured from Chrome Molybdenum Steel
- 5 pc Screw Extractor Set with Drill Sizes 3-6 mm, 6-8 mm, 8-11 mm, 11-14 mm & 14-18 mm
- Ideal for removing broken stubs, pipes, screws & bolts



BRASS HAMMERS

BRH

- Unique combination of brass head & aluminium handle makes hammer ideal for explosive environment



HEAD WEIGHT

6 oz (0.170 kg)
1 lbs (0.450 kg)
2-1/2 lbs (1.140 kg)
3 lbs (1.360 kg)
4 lbs (1.820 kg)

Strap Wrench

STW

- Aluminium I-beam handle. Non marring nylon belt prevents scratching & damage to finished surfaces
- For use with object of dia. 7" (175 mm)
- **Handle Lengths**
12" (300 mm) & 18" (450 mm)



Removable pin design for quick strap change

GEAR PULLERS

BPL

- Forged Chrome Vanadium jaws
- Heat treated alloy steel cross bolt & head

MAX. REACH	SAFE WORKING LOAD	
	2 JAW	3 JAW
3" (75 mm)	2 TON	3 TON
4" (100 mm)	4 TON	6 TON
6" (150 mm)	6 TON	9 TON
8" (200 mm)	10 TON	15 TON



2 Jaw
Useful for working in compact spaces



3 Jaw
Ensures equal load distribution to slide gears, pulleys & flywheels off shaft without damage

DRAW BAR HAMMER

DBH

- Dual purpose hammer with solid brass head on one side and 3/4" socket on other



Replaceable Brass Head

3/4" Socket

QUICK CHANGE RATCHETING GEAR PULLERS

BPL-RT

- Forged from chrome molybdenum steel
- Jaw can be reversed for internal & external pulling
- Easy switch between 2 jaw & 3 jaw options. No extra tools required

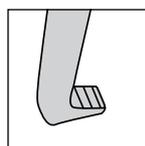


- ✓ SPEED
- ✓ ACCESS
- ✓ STRENGTH
- ✓ VERSATILITY



Draw Bar Hammer being used to loosen a nut on a pulley drive

MAX. REACH	SAFE WORKING LOAD
3.1" (80 mm)	2 TON
6" (150 mm)	5 TON
8.6" (218 mm)	7 TON



Anti Slip Grip

MAGNETIC TOOL HOLDER FLEXIBLE

8U

NEODYMIUM MAGNETS

- Strong magnetic tool holder keeps all your tools organized and within reach
- **Powerful 8 neodymium (N52) rare earth magnets with chemical resistant & flexible non-marring rubber covering**
- Fits onto any toolbox & metal surface
- Available in black, blue, green, orange, red, yellow

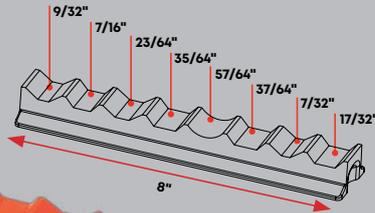
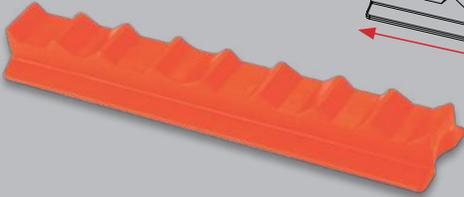
NEW

MAGNETIC TOOL HOLDER

- Keep your tools organized in garages, basement, offices, workshops, studios, kitchen surfaces etc.
- Ferrite magnets are equally distributed for even magnetic impact
- Easy installation by using standard screws & anchors (included)

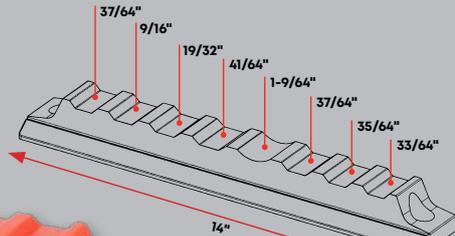
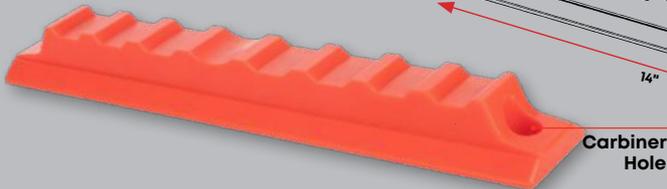
MTH-8

Regular Hold sockets, wrenches & other tools upto 7/8" (22 mm) dia.



MTH-14

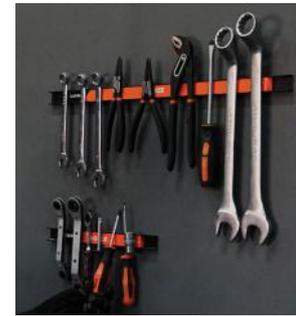
Extra Large Hold sockets, wrenches & other tools upto 1-3/8" (35 mm) dia.



MTH-12 Length: 12" (300 mm)

MTH-16 Length: 16" (400 mm)

MTH-24 Length: 24" (600 mm)



LIFTING EQUIPMENT

HYDRAULIC BOTTLE JACKS

JACK-BT

100% Factory Tested



- Welded design
- Come with a "Load Limiting Device" ensures that the jack is not accidentally used beyond rated capacity
- 50% Safety overload factor

2 TON



- **Lift Range** 7" (175 mm) to 13-11/32" (339 mm)
- Passenger Cars, Taxi's

4 TON



- **Lift Range** 7-7/16" (190 mm) to 14-13/16" (368 mm)
- Passenger Cars, Taxi, Pick-Up Trucks, SUV's, MUV's, Vans, LCV's, Mini Trucks

12 TON



- **Lift Range** 9-1/16" (230 mm) to 18-5/16" (465 mm)
- HCV, Trucks (9-24 ton), Buses

20 TON



- **Lift Range** 9-7/16" (240 mm) to 17-11/16" (450 mm)
- HCV, Trucks (24-40 Ton)

32 TON



- **Lift Range** 10-5/16" (260 mm) to 16-9/16" (420 mm)
- Trailers, RV's, Dumpers (40-60 Ton)

50 TON



- **Lift Range** 11" (280 mm) to 17-11/16" (450 mm)
- Dumpers (60-120 Ton)

FLOOR JACK - 3 TON



JACK-FL

- **3X Faster performance**
- **Fast lifting design for quick jumpstart to reach 'lifting point'**
- Extra heavy duty steel body for ultimate stability & rigidity
- Built-in safety valve @120% of rated capacity
- **Weight** 72.6 lbs (33 kg)
- **Lift Range** 5-1/4" (133 mm) to 18-1/4" (465 mm)



SCAN TO WATCH



HEX KEYS & SCREWDRIVERS

HEXAGON KEY SETS

S2

For steel construction

DIN896

ALN

ALN/HX-BL/7L/GRZ

7 Hex Keys with Ball End Long
Metric: 2.5 mm - 10 mm



ALN/HX-BL/7L/SAE/GRZ

7 Hex Keys with Ball End Long
SAE: 3/32" - 3/8"



ALN/HX-BL/9EL/GRZ

9 Hex Keys with Ball End X Long
Metric: 1.5 mm - 10 mm



ALN/TX-TX/9L/GRZ

9 Torx Star Keys Long
T10 - T50



7 PC VDE SCREWDRIVER SET

SCDR-VDE



1000V
SAFE

VDE

Set Includes

a. 4 Pc. Slotted Screwdrivers

1/4" x 6"

7/32" x 5"

5/32" x 4"

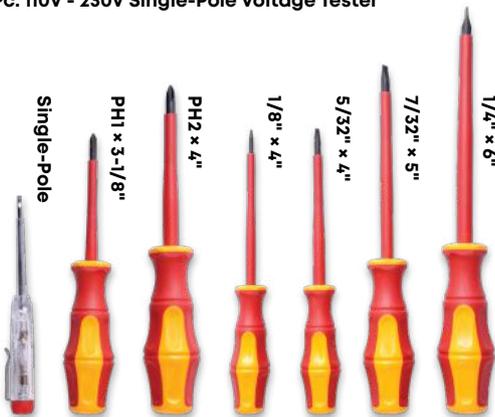
1/8" x 4"

b. 2 Pc. Phillips Screwdrivers

PH1 x 3-1/8"

PH2 x 4"

c. 1 Pc. 110V - 230V Single-Pole Voltage Tester



Voltage
Tester

Phillips
screwdrivers

Slotted
screwdrivers

HEXAGON KEY SETS



DIN896

ALN

ALN/HX-HX/8/GRZ

8 Hexagonal Keys - Metric
1.5 mm - 6 mm



ALN/HX-HX/10/GRZ

10 Hexagonal Keys - Metric
1.5 mm - 10 mm



ALN/HX-HX/10/SAE/GRZ

10 Hexagonal Keys - SAE
1/16" - 3/8"



ALN/HX-HX/7/GRZ

7 Hexagonal Keys - Metric
2.5 mm - 10 mm



ALN/TX-TX/8/GRZ

8 Tamper Torx Star Keys
T9 - T40



ALN/HX-HX/25/GRZ

25 Hexagonal Keys
Metric: 1.5 mm - 10mm
SAE - 1/16" - 3/8"



SCREWDRIVERS CUSHION GRIP

SCDR-R



Range

a. Slotted

3 x 75mm to 8 x 200mm

b. Phillips

PH0 x 75mm to PH3 x 150mm

c. Pozi Bit

PZ1 x 75mm to PZ3 x 150mm

d. Torx Bit

T10 x 100mm to T30 x 100mm



Phillips
screwdrivers

Slotted
screwdrivers

06 sockets & accessories

HAND SOCKETS

SKT



DIN 3120
All GROZ sockets meet or exceed DIN 3120 Standard by 30%



1/4" DRIVE

Hex Sockets:
4mm to 14mm
Deep Hex Sockets:
5mm to 13mm



Pozi Bit Sockets:
PZ1, PZ2 & PZ3
Hex Bit Sockets:
H3 to H10
Torx Bit Sockets:
T8 to T40
Slotted Bit Sockets:
S4 to S7
Philips Bit Sockets:
PH1, PH2 & PH3



3/8" DRIVE

Hex Sockets:
6mm to 22mm



Bi-Hex Sockets:
6mm to 22mm



1/2" DRIVE

Hex Sockets:
8mm to 36mm



Bi-Hex Sockets:
8mm to 36mm



DEEP

Deep Hex Sockets:
10mm to 32mm



3/4" DRIVE

Hex Sockets:
22mm to 50mm



Bi-Hex Sockets:
22mm to 50mm



1" DRIVE

Hex Sockets:
36mm to 80mm



Bi-Hex Sockets:
36mm to 80mm



SOCKET ACCESSORIES

SLIDING T BARS

- Designed to provide leverage for tightening nuts & bolts easily

SIZES

DRIVE	1/4"	3/8"	1/2"	3/4"	1"
LENGTH	4-1/2"	6-1/2"	10"	18"	22"



EXTENSION BARS

- Used with sockets to reach into confined spaces

DRIVE SIZES

1/4"	3/8"	1/2"
3/4"	1"	



FLEX HANDLE/POWER BARS

- Hinged joint head & spring loaded ball bearing joint for secure socket retention
- Chrome Molybdenum square drive

DRIVE SIZES

3/8"	1/2"
3/4"	1"



SPEEDER HANDLE

- Ideal for rapid removal/insertion of fasteners

DRIVE SIZE

1/2"



UNIVERSAL JOINT

- Hinged 180° in both directions, helps user to form corners or to get socket onto inaccessible bolt heads

DRIVE SIZES

1/4"	3/8"
1/2"	3/4"



ADAPTOR

- For using a combination of square drive sockets in one application

SIZES

1/4" (F) to 3/8" (M)
3/8" (F) to 1/4" (M)
3/8" (F) to 1/2" (M)
1/2" (F) to 3/8" (M)
1/2" (F) to 3/4" (M)
3/4" (F) to 1/2" (M)
3/4" (F) to 1" (M)
1" (F) to 3/4" (M)



FLEXIBLE EXTENSION

- Ideal for use in confined spaces

DRIVE SIZE

1/4"



HEX SPARK PLUG SOCKET

- Designed for insertion & removal of spark plugs

HEX SIZE

16 mm
21 mm



L HANDLE

- Spring loaded ball bearing holds sockets securely
- Fixed L handle for applications requiring rigid set up

DRIVE SIZE LENGTH

1/2"	5" (125 mm)
------	-------------



SPINNER HANDLE

- Used for rapid installation of longer bolts

DRIVE SIZE

1/4"



1/4" (F) square recess allows spinner to be used with a ratchet & also works as a long extension



RATCHET HANDLES

PEAR HEAD RATCHET HANDLE



RTD-PH

- 2 pc construction with detachable head for convenient storage

DRIVE

3/4"	1"
------	----



2pc construction with detachable head

SLIM LINE RATCHET HANDLE



RTD-SL

- 30% slimmer than regular ratchet handles - higher torque with less effort
- Quick release button with one thumb for replacing sockets quickly & efficiently
- Reversible lever switch

DRIVE SIZES

1/4"	3/8"	1/2"
------	------	------



PUSH THROUGH RATCHET HANDLE



30

RTD-PT

- Unique push through ratchet rotates in only one direction



DRIVE SIZE
1/2"

ROUND HEAD RATCHET HANDLE



43

RTD-RH

- Classic round head ratchet mechanism
- Knurled handle for non slip grip
- Spring loaded ball attaches onto sockets, preventing them from being dropped



DRIVE SIZE
3/4"

DUAL DRIVE RATCHET HANDLE



52



SCAN TO WATCH

RTD-DD

- Dual Ratchet Mechanism
- Can be used as: Conventional Ratchet Twist Action Ratchet



Dual Ratchet Mechanism



DRIVE SIZE
1/4" 3/8" 1/2"

SWIVELLING GEAR 360° RATCHET HANDLE



43

RTD-360

- 360° swivelling gear Ratchet Handle with adjustable square drive



DRIVE SIZE
1/4" 3/8" 1/2"

HAND SOCKET SETS

BLOW MOULDED CASES

1/4" DRIVE

Hex Socket Set KIT/SKT/H/1-4/19/UG

- 13 pcs Sockets
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 1 pc Ratchet Handle
- 2 pcs Extension Bars
50 & 100 mm (2" & 4")
- 1 pc Universal Joint
- 1 pc Sliding T Bar
- 1 pc Spinner Handle



19
PC SET

Hex Socket Set KIT/SKT/H/1-4/42/UG

- 13 pcs Sockets
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 6 pcs Hex Bit Sockets
3, 4, 5, 6, 7, 8 mm
- 3 pcs Slotted Bit Sockets
4, 5, 7 mm
- 3 pcs Philips Bit Sockets
PH1, PH2, PH3
- 3 pcs Pozi Bit Sockets
PZ1, PZ2, PZ3
- 7 pcs Torx Bit Sockets
T8, T10, T15, T20, T25, T30, T40
- 2 pcs Extension Bar
50 & 100 mm (2" & 4")
- 1 pc Spinner Handle
- 1 pc Flexible Extension
- 1 pc Universal Joint
- 1 pc Sliding T Bar
- 1 pc Ratchet Handle



42
PC SET

1/2" DRIVE

Hex Socket Set KIT/SKT/H/1-2/13/UG

Bi-Hex Socket Set KIT/SKT/BH/1-2/13/UG

- 11 pcs Sockets
8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22 mm
- 1 pc Ratchet Handle
- 1 pc Extension Bar
125 mm (5")



13
PC SET

Hex Socket Set KIT/SKT/H/1-2/27/UG

Bi-Hex Socket Set KIT/SKT/BH/1-2/27/UG

- 22 pcs Sockets:
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 28, 29, 30, 32 mm
- 2 pcs Extension Bar
125 & 250 mm (5" & 10")
- 1 pc Universal Joint
- 1 pc Sliding T Bar
- 1 pc Ratchet Handle



27
PC SET

METAL CASES

3/4" DRIVE

Hex Socket Set
KIT/SKT/H/3-4/14/MT

Bi-Hex Socket Set
KIT/SKT/BH/3-4/14/MT

- 10 pcs Sockets
22, 24, 27, 30, 32, 36, 38, 41, 46, 50mm
- 1 pc Round Head Ratchet Handle
- 2 pc Extension Bar
100 mm (4") & 200 mm (8")
- 1 pc Sliding T Bar



14
PC SET

1" DRIVE

Hex Socket Set
KIT/SKT/H/0-1/14/MT

Bi-Hex Socket Set
KIT/SKT/BH/0-1/14/MT

- 10 pcs Sockets
36, 41, 46, 50, 55, 60, 65, 70, 75, 80 mm
- 1 pc Ratchet Handle
- 2 pc Extension
200 mm (8") & 400 mm (16")
- 1 pc Sliding T Bar



14
PC SET

HAND SOCKET SETS ON RAILS

1/4" DRIVE

9
PC SET

Hex Socket Set
KIT/SKT/H/1-4/9LH/UG

- 8 pcs Sockets
4, 4.5, 5, 5.5, 6, 7, 8 & 10 mm
- 1 pc Ratchet Handle



13
PC SET

Hex Socket Set
KIT/SKT/H/1-4/13L/UG

- 13 pcs Sockets
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 & 14 mm



3/8" DRIVE

8
PC SET

Hex Socket Set
KIT/SKT/H/3-8/8L/UG

Bi-Hex Socket Set
KIT/SKT/BH/3-8/8L/UG

- 8 pcs Sockets
6, 8, 10, 12, 13, 14, 17 & 19 mm



9
PC SET

Hex Socket Set
KIT/SKT/H/3-8/9LH/UG

Bi-Hex Socket Set
KIT/SKT/BH/3-8/9LH/UG

- 8 pcs Sockets
6, 8, 10, 12, 13, 14, 17 & 19 mm
- 1 pc Ratchet Handle



1/2" DRIVE

9
PC SET

Hex Socket Set
KIT/SKT/H/1-2/9L/UG

Bi-Hex Socket Set
KIT/SKT/BH/1-2/9L/UG

- 9 pcs Sockets
8, 9, 10, 12, 13, 14, 17, 19 & 22 mm



11
PC SET

Hex Socket Set
KIT/SKT/H/1-2/11LH/UG

Bi-Hex Socket Set
KIT/SKT/BH/1-2/11LH/UG

- 10 pcs Sockets
8, 9, 10, 12, 13, 14, 17, 19, 22 & 24 mm
- 1 pc Ratchet Handle



6
PC SET

Socket Set
KIT/BIT-SKT/SPL/1-2/6/UG

Spline Bit Sockets
55mm length: M6, M8, M10
100mm length: M8, M10, M12



9
PC SET

Socket Set
KIT/BIT-SKT/TX/1-2/9/UG

- Torx Bit Socket
T20, T25, T27, T30, T40, T45, T50, T55, T60



8
PC SET

Hex Socket Set
KIT/BIT-SKT/H/1-2/8/UG

- 8 pcs Hex Bit Sockets
5, 6, 7, 8, 10, 12, 14 & 17 mm



IMPACT SOCKETS - HEX

1/2" DRIVE

- **Hex Sockets**
10 mm to 27 mm
- **Deep Hex Sockets**
14 mm to 24 mm



3/4" DRIVE

- **Hex Sockets**
17 mm to 46 mm
- **Deep Hex Sockets**
24 mm to 30 mm



1" DRIVE

- **Hex Sockets**
19 mm to 65 mm
- **Deep Hex Sockets**
27 mm to 33 mm



07 impact & ratchet wrenches

3/8" IMPACT WRENCH



IPW-201

- Jumbo hammer mechanism
- **Max. Torque** @15sec
360 Nm (266 ft-lb.)
- **Max. Nut Capacity**
M11



Composite

IPW-202

- Twin hammer mechanism
- **Max. Torque** @15sec
745 Nm (550 ft-lb.)
- **Max. Nut Capacity**
M14



1/2" IMPACT WRENCH



IPW-301

- Twin hammer mechanism
- **Max. Torque** @15sec
1223 Nm (902 ft-lb.)
- **Max. Nut Capacity**
M16



IPW-302

- Rocking dog mechanism
- **Max. Torque** @15sec
500 Nm (369 ft-lb.)
- **Max. Nut Capacity**
M14



Composite

IPW-304

- Twin hammer mechanism
- **Max. Torque** @15sec
1492 Nm (1100 ft-lb.)
- **Max. Nut Capacity**
M19



Composite

IPW-305

- Twin hammer mechanism
- **Max. Torque** @15sec
1356 Nm (1000 ft-lb.)
- **Max. Nut Capacity**
M22



Composite

IPW-306

- Twin hammer mechanism
- **Max. Torque** @15sec
1200 Nm (885 ft-lb.)
- **Max. Nut Capacity**
M16



1/2" ANGLE IMPACT WRENCH

AI CE

IPW-307

- Stubby style - for use in confined spaces
- Jumbo hammer mechanism
- **Max. Torque** @15sec 678 Nm (500 ft-lb.)
- **Max. Nut Capacity** M16



3/4" IMPACT WRENCH

AI CE

IPW-401

- Improved twin hammer mechanism
- **Max. Torque** @15sec 2522 Nm (1860 ft-lb.)
- **Max. Nut Capacity** M24



Composite CE

IPW-402

- Improved twin hammer mechanism
- **Max. Torque** @15sec 2305 Nm (1700 ft-lb.)
- **Max. Nut Capacity** M26



1" IMPACT WRENCH D STYLE

AI CE

IPW-501

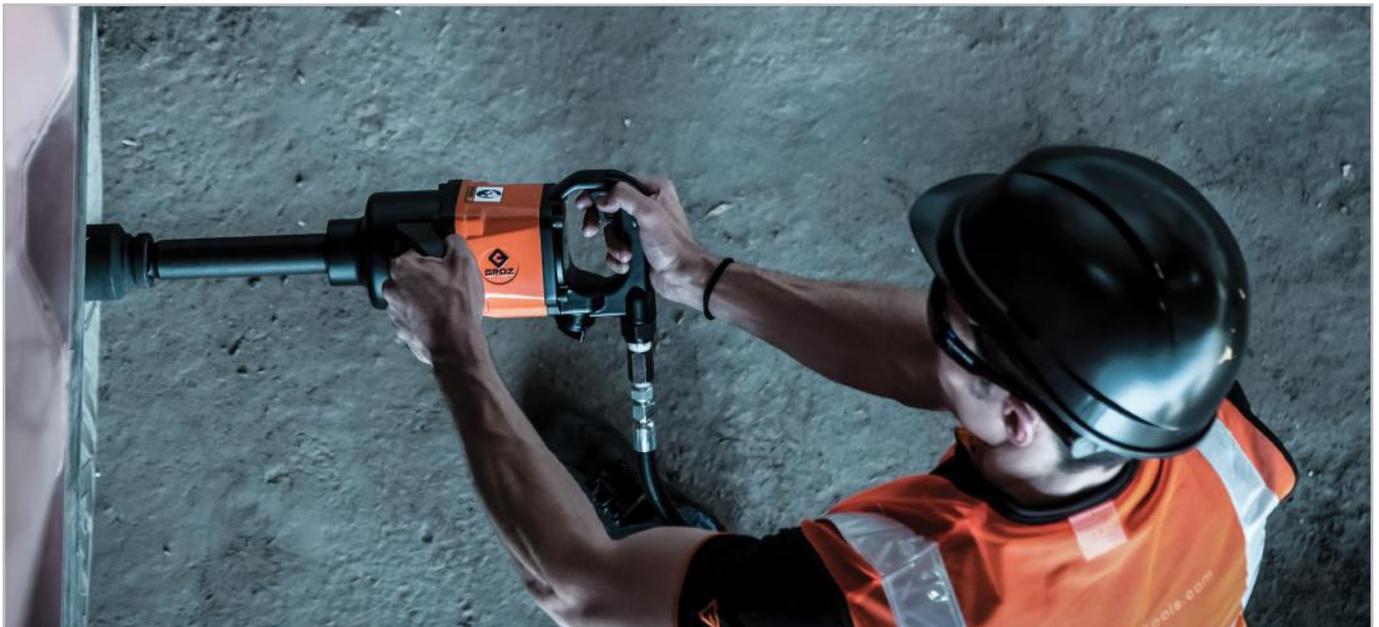
- Pin-less clutch mechanism
- Side handle exhaust
- **Max. torque** @15sec 2522 Nm (1860 ft-lb)
- **Max. Nut Capacity** M38



AI CE

IPW-502

- Twin hammer mechanism
- **Max. Torque** @15sec 2400 Nm (1770 ft-lb)
- **Max. Nut Capacity** M32



1" IMPACT WRENCH

Composite CE

IPW-503

- Improved twin hammer mechanism
- **Max. Torque** @15sec 2305 Nm (1700 ft-lb.)
- **Max. Nut Capacity** M26



RATCHET WRENCHES

AI CE

RTW

- Robust & durable aluminium housing
- Chrome Molybdenum anvil for higher performance
- Easy to use forward/reverse control
- **Max. Torque** @15sec 68 Nm (50 ft-lb)
- **Max. Nut Capacity** M6
- **Drive sizes** 3/8" & 1/2"



08 torque tools

RATCHETING TORQUE WRENCHES



SCAN TO WATCH

TQW-RT

- CrV body with CrMo alloy steel square drive
- Accurate to $\pm 4\%$ of reading
- **Graduated dual scale** Nm/ ft-lb
- **Square drive sizes** 3/8", 1/2", 3/4" & 1"
- **Torque Range** 5-1000 Nm
- Comes with calibration certificate



SET MODE Adjustment Ring in unlocked position for setting Torque value



USE MODE Adjustment Ring in locked position



DIGITAL TORQUE WRENCHES



SCAN TO WATCH

TQW-DI

- CrV Steel body with CrMo square drive
- **Torque Range** 6.8-350 Nm
- Electronic display panel for clear reading of torque
- Measure in Nm, ft-lb, inch-lb & kg-cm
- **Torque accuracy** $\pm 2\%$ CW, $\pm 3\%$ CCW
- **Angle accuracy** $\pm 2^\circ$
- **Square drive sizes** 3/8", 1/2" & 3/4"
- **3 variants**
 1. Standard series
 2. PRO series with memory function
 3. PRO+ series with memory & angle function
- Comes with calibration certificate

Interchangeable Head Design



TORQUE MULTIPLIERS

TQM

- CrV body with CrMo square drive & reaction bar
- Torque multiplicative factor reduces operator effort by upto 75%
- **Torque options** 1500Nm(1100 ft-lb.) & 3000 Nm(2200 ft-lb)



DIGITAL TORQUE ADAPTOR WITH TYRE PRESSURE GAUGE



ISO 6789

TORQUE WRENCHES CLASSIC

DIN 6789

For material, hardness & performance

TQW-CL

- Compact design
- **Reversible Square Drive** Change the direction by pushing the square drive to the opposite side
- Accurate to $\pm 4\%$ of reading
- Loud click sound comes on reaching required torque value
- **Square drive sizes** 3/8", 1/2", 3/4" & 1"



TORQUE WRENCHES ALUMINIUM

DIN 6789

For material, hardness & performance

TQW-AL

- Light weight aluminium wrench with CrMo square drive
- **Length independent**
- No matter where the force is applied the torque accuracy remains within $\pm 4\%$ accuracy
- **Dual scale window** Nm & ft-lb.
- **Square drive sizes** 3/4" & 1"



TQA



SCAN TO WATCH

- Digital Torque Adaptor comes with an in-built Tyre Pressure Gauge making it a must have for every mechanic
- Large easy to read LCD display with backlight & a resolution of 0.1 Nm (0.1 lb-ft) / 0.1 PSI
- **Measures Torque in 5 units** Nm, Lb-ft, kg-m, kg-cm, in-ft
- **Measure Pressure in 4 Units:** PSI, Kpa, Bar, kg-cm
- Memory function that can store up to 50 readings
- Works with 2 AAA batteries with a life of 50 continuous working hours



09 tool storage

TOOL TROLLEYS

PORTABLE WORKSTATIONS

- Manufactured from heavy gauge steel sheet
- **Average drawer load capacity** 90lbs. (45 kg)
- **Trolley load capacity** 992 lbs. (450 kg)
- **4 heavy duty castors** 5" x 2" (125 x 50mm)
- Rear castors with brakes for safety
- Ergonomic handle for ease of movement

MTB-12

12 Drawer Portable Workstation With Wooden Top



MTB-7

7 Drawer Portable Workstation With rubber mat on top



AUTOMOTIVE TOOLS KITS

- Automotive Tool Kit comes in a 7 Drawer Portable Workstation (MTB/7)
- A versatile set with an organized layout, makes it convenient to find tools
- Ideal for maintenance and service work on automobiles

MTB/7/84/AU

84 Pc automotive tool kit



MTB/7/65/AU

65 Pc automotive tool kit



UNIVERSAL TOOL KIT 154 PIECE

MTB/7/154/AU

- 154 Pc automotive tool kit comes in a 7 drawer portable workstation (MTB-7)
- A versatile set with an organized layout, makes it convenient to find tools
- Ideal for maintenance and service work on automobiles
- Tools supplied with trolley



BUCKET ORGANISER 5 GALLON

NTB-5

- **Comes with 30 pockets:**
- 12 small & 18 large with 22 exterior & 8 interior pockets
- Additional 3 interior loops for holding hammers, pry bars & drills
- Fits most 3-5 gal. (20 litre) buckets
- *Bucket & tools not included



NEW

TOOL BOXES

5 TRAY CANTILEVER TOOL BOX

- All steel construction
- Works on full spread cantilever mechanism
- **Load bearing capacity**
77 lbs. (35 kg)

MTB-5

Tool Box



MTB-5T

Tool box with wheeled trolley



TOOL BAGS

NYLON TOOL BAGS

NTB-3

- Medium
- **Load Capacity**
10 kg (22 lbs)



NTB-1

- Large
- **Load Capacity**
30 kg (66 lbs)



NTB-2

- X-Large
- **Load Capacity**
60 kg (132 lbs)



BACK PACK

NTB-4

- Multiple pocket & division for organised tooling



10 spanners & wrenches

REVERSIBLE RATCHETING SPANNERS



CSP-RRT

- Chrome plated body with ultra premium scratch proof finish
- 72 Teeth ratchet with 5° action arc provides extreme high torque
- Reversible lever easily switches action direction
- Easy access & higher leverage with offset at ring end with 15° angle
- **Available in 7 sizes**
8 mm to 19 mm



RATCHETING SPANNERS EXTRA LONG



CSP-XRT

- Designed for high torque applications
- Exceeds **ANSI & DIN** standards
- 15% longer than traditional wrenches for better leverage
- 72 teeth with 5° action arc for smooth movement
- Narrow & thin head with wider turning angle gives user more space to operate
- **Available Variants**
 - Metric sizes:**
8 mm to 19 mm
 - Imperial sizes:**
5/16" to 3/4"



SINGLE OPEN END WRENCH



SOEW

- Forged from CrV Steel with Manganese Phosphate finish
- Conforms to **DIN 894**
- 15° Offset for higher leverage & easy accessibility
- Ideal for heavy duty industrial applications
- **Available sizes**
36-95 mm



SLOGGING WRENCHES



- Forged from CrV Steel
- **39-46 HRC** hardened & tempered
- Ideal for tightening & slackening large nuts & bolts
- One end is shaped to fit a nut & other end is enlarged to receive blows from hammer
- **Available 19 sizes**
22 mm to 85 mm

RSW

Ring Slogging Wrenches



OSW

Open Jaw Slogging Wrenches



BOX SPANNERS (BOX WRENCHES)

BW

- Manufactured from high quality steel tubing
- Thin & long body helps to loosen or tighten nuts and bolts in narrow & recessed areas
- **Available Variants**
 - Metric sizes**
6 mm x 7 mm to 30 mm x 32 mm
 - BA sizes**
0.423" x 0.368" to 0.118"



WHEEL WRENCHES DOUBLE ENDED

WW-D

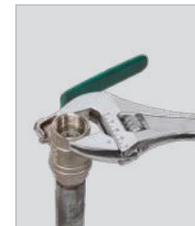
- Used for opening lug nuts on trucks, buses, farm & off road vehicles
- Forged from alloy steel with rust inhibiting Nickel plating
- **Available in 10 sizes**
24 x 27 to 41 x 21 mm



ADJUSTABLE WRENCHES

AWR

- **38-46 HRC** hardened CrV Steel construction
- Precision ground jaws for secure grip
- Graduated scale
- Use same wrench on metric & imperial fasteners
- Ergonomic handle for fatigue free usage
- **Available in 4 sizes**
6" (150 mm), 8" (200 mm), 10" (250 mm) & 12" (300 mm)



NOTE
Ensure that fixed jaw leads the rotation & movable jaws follows the fixed jaw. This way, there will be less stress on the movable jaw which is not supported as ruggedly as the fixed jaw

TELESCOPIC WHEEL WRENCH

WW-TP

- Designed to loosen out and remove even the most rusted and jammed wheel nuts
- Telescopic handle extends from 14" (350 mm) to 22" (550 mm) giving extra leverage
- Comes with two 1/2" square drive dual side sockets, 17x19 mm & 21x23 mm



1/2" Square drive in the center of the socket permits use of both hex sides



SCAN TO WATCH

11 pliers & cutters

PLIERS

INSULATION PLIERS

35-50 HRC

1000V SAFE

SCP-CV

Side Cutting Pliers
Suitable for cutting wires

Available lengths:
6" (150 mm)
7" (175 mm)



AVAILABLE LENGTHS

6" (150 mm)

7" (175 mm)

8" (200 mm)

LNP-CV

Long Nose Pliers
Suitable for cutting & gripping wires



CPL-CV

Combination Pliers
Suitable for gripping, bending, straightening, crushing, pulling, stripping insulation, cutting wires etc.



CIRCLIP PLIERS



40-45 HRC

CLP-CV

AVAILABLE LENGTHS

6" (150 mm)

7" (175 mm)



External Straight

External Bent

Internal Straight

Internal Bent

MIG WELDING PLIER

35-50 HRC

MWP-CS

- Forged from C50 Steel
- **Length** 8" (200 mm)
- Used for maintenance of welding guns in MIG welding



WATER PUMP PLIERS



35-50 HRC

WPP-CV

- Box joint adjustment system for easy one hand operation

AVAILABLE LENGTHS

7" (175 mm)

10" (250 mm)

12" (300 mm)

16" (400 mm)



REVOLVING PUNCH PLIER

45-55 HRC

RPL

- Used to punch holes in leather, canvas, plastics, watch bands, belts etc.
- Spring loaded revolving head with 6 punches

5/64" (2 mm)

3/32" (2.5 mm)

1/8" (3 mm)

9/64" (3.5 mm)

5/32" (4 mm)

3/16" (4.5 mm)



SELF LOCKING PLIERS

45-60 HRC

SLP-CM

- Forged from Chrome Molybdenum steel
- Curved jaw design

AVAILABLE LENGTHS

7" (175 mm)

10" (250 mm)



SLIP JOINT PLIERS

SJP-CS

- Forged from C50 steel
- Pliers feature a pivot point slip joint that can be conveniently moved to increase/ decrease jaw range

AVAILABLE LENGTHS

6" (150 mm)

8" (200 mm)

10" (250 mm)



WHEEL BALANCING PLIER

WBP-CV



- Useful for Forming wheel balancing weights Removing & attaching wheel balancing weights from rims
- Length 10" (250 mm)



CUTTERS

RATCHETING PIPE CUTTER

PCT

- Precise cuts with no burrs!
- 50% less effort with special shape & size of Blade
- Use on PVC, PP, PE, PER, ABS, PE-HD pipes
- Cuts upto 1-21/32" (42 mm) dia pipes



TUBING CUTTERS

TCT-A

- Mini Close Quarter Tubing Cutter
- Zinc die cast slide and wheel housing
- Spring-loaded alloy steel cutter wheels
- Large knurled feed screw knob gives easy control of cutting pressure for clean cuts
- Available in two options
 - Pipe diameter: 1/8" to 5/8"
 - Pipe diameter: 1/8" to 1-1/8"



TCT-C

- C-Style Close Quarter Tubing Cutter
- Compact design optimized for easy access to the tightest space
- Directional grip for convenient usage
- Pipe diameter: 1/2"



RETRA KNIVES

SK2 BLADE

- Heavy duty retractable knives
- Zinc alloy body
- Each blade can be used twice
- Quick change blade operation
- In-built storage compartment that can store spare blades (included) gives convenient access to new blades
- For cutting plastic, rubber, wood, gasket, cardboard, fibre, etc.

KNV-R6

HEAVY DUTY

- Overall Length 6-3/4" (170 mm)
- Blade Thickness 0.02" (0.6 mm)

Store upto 6 spare blades



KNV-R3

MINI

- Overall Length 1-7/64" (28 mm)
- Blade Thickness 0.02" (0.6 mm)

Store upto 6 spare blades



KNV-R7

PROFESSIONAL

- Overall Length 6-3/4" (170 mm)
- Blade Thickness 0.02" (0.6 mm)

Store upto 5 spare blades



SNAP OFF KNIFE

KNV-S

- Rugged Aluminium knife body
- **Hardened SK2**, 18mm steel blade with superior edge & auto locking slider for superior hold
- **Blade Thickness** 45/64" (18 mm)



RETRACTABLE UTILITY KNIFE

SK2 BLADE

KNV-5

- Lightweight, yet robust
- Aluminium Die Cast body
- **Overall Length** 6-3/4" (170 mm)
- **Blade Thickness** 0.02" (0.6 mm)



KNV-10

- Rugged Zinc alloy body for prolonged life
- Bottom edge of knife can be used for light hammering jobs; on paper boards, cardboards after cutting
- **Overall Length** 6-3/4" (170 mm)
- **Blade Thickness** 0.02" (0.6 mm)



12 measuring & marking

MEASURING WHEEL

- **Adjustable height with 3 section telescopic handle** 24" (600 mm) to 42-1/2" (1080 mm)
- **Wheel Dimensions**
 - a. Diameter: 12" (300 mm)
 - b. Circumference: 41" (1040 mm)
- Suitable in real estate, landscaping, municipal & construction work etc.

MWL-M

Measuring Range
Upto 9999.9 meter

MWL-F

Measuring Range
Upto 9999.9 feet



SPRING CALIPERS & DIVIDERS

- Available in 10 sizes 3" (75 mm) to 24" (600 mm)

ID Inside Calipers

OD Outside Calipers

DD Spring Calipers



CRAFTSMEN'S SPRING CALIPERS & DIVIDERS

ID-SP Inside Calipers

OD-SP Outside Calipers

DD-SP Spring Calipers

- The finest calipers and dividers especially useful for the discerning craftsmen
- **Available in 6 sizes** 3" (75 mm) to 12" (300 mm)



GRADUATED STEEL SQUARES

- General purpose steel squares with deep etched graduations
- Blade and stock are perfectly ground which ensures straightness and parallelism

SS-G

- With Imperial Graduations
- **Available Sizes**
4"
6"



SS-GM

- With Metric Graduations
- **Available Sizes**
100mm
150mm



PRECISION PENCIL COMPASS

PPC

- Finest quality carpenter's compass
- Die cast zinc construction
- Spring tension adjustment helps marking diameters upto 9" (225 mm)



PRECISION SQUARES

ACC BS939
GRADE B

SS-A

- Useful for woodworkers & cabinet makers
- **Available in 8 blade lengths**
2" (50 mm) to
12" (300 mm)



SS POCKET RULES

SR-P

- SS rule with imperial dimensions in 1/16th, 1/32nd & 1/64th
- Metric dimensions in 0.5 mm & 1 mm
- **Length**
6" (150 mm)



PENCIL COMPASS

PPC-EC

- Special steel construction
- Machined & polished legs pivot on roller & are tensioned by bow spring
- Adjustable pencil slot for regular & small pencil sizes

AVAILABLE SIZES

6" (150 mm)

8" (200 mm)

10" (250 mm)

12" (300 mm)



CENTRE SQUARE

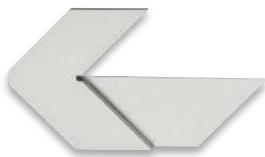
CS

- Extremely useful tool for locating centers of round stocks and parts, quickly and easily

AVAILABLE LENGTHS

1-1/2" (38 mm)

3" (75 mm)



STAINLESS STEEL RULES

SR

- Available in 2 types:
- Imperial & Metric combined
 - Metric only

AVAILABLE LENGTHS

6" (150 mm)

12" (300 mm)

18" (450 mm)

24" (600 mm)

40" (1000 mm)

48" (1200 mm)



WING COMPASS

WC

- Heavy gauge steel sheet manufacturing
- Used for precisely scribing arcs and circles

AVAILABLE SIZES

6" (150 mm)

8" (200 mm)

16" (400 mm)



ADJUSTABLE BEVEL

AB



BRASS CALIPERS



Outside

- Used for making external measurements
- Measuring range 0-4" (0-100 mm)



Inside & Outside

- Inside measuring range 7/32"-4" (5 mm-100 mm)
- Outside measuring range 0-4" (0-100 mm)

SLIDE CALIPERS



Imperial

- Graduated in Inches in 16ths & 32nds
- Capacity: 4"



Metric & Imperial Combined

- Graduated in inches & mm. Inch graduations are in 16ths
- Capacity: 4" (100 mm)

13 taps, dies & holders

TAP & REAMER WRENCHES

ARWR

- Designed to provide extra leverage to wrenches
- Useful when working with large diameters
- **Suitable for tap sizes**
M1 - M6
M1 - M12
M4 - M16
M4 - M20
M6 - M30
M9 - M45



TAP WRENCHES T HANDLE

TW

Regular T Handle Type

- Self-centering hardened steel jaws provide a positive grip on taps, reamers and other such small tools
- **Suitable for tap sizes**
M2 - M5
M2 - M6
M4 - M6
M5 - M8
M6 - M10



TW-R

Ratchet Type

- Ratchet can be set left/ right or direct engagement in neutral position for ease of use in confined spaces
- **Suitable for tap sizes**
M4 - M6
M6 - M12



DIES STOCK HOLDERS FOR ROUND DIES

DS

- Designed to hold dies firmly in place
- All steel construction with powder coated knurled ends
- **Suitable for holding dies**
13/16"
1"
1-5/16"
1-1/2"
2"
2-1/2"



TAP & DIE SETS

KIT-TDE

41 PCS TAP & DIE SET

- TDE/41/I/ST - imperial sizes
- TDE/41/M/ST - metric sizes



KIT-TDE

37 PCS METRIC TAP & DIE SET

- TDE/I/ST



ROUND DIES

DI

Carbon Steel Construction

Available in following variants:

1. BSW 55° Round dies
2. BSF 55° Round dies
3. UNC 60° Round dies
4. UNF 60° Round dies
5. Metric Round dies
6. 55° BSP Round dies



HEX DIES

DI

Carbon Steel Construction

Available in following variants

1. BSW 55° Hexagonal dies
2. BSF 55° Hexagonal dies
3. UNC 60° Hexagonal dies
4. UNF 60° Hexagonal dies
5. Metric Hexagonal dies
6. 55° BSP Hexagonal dies



HAND TAPS

TAP

Carbon Steel Construction

Available in following variants:

1. British Standard Whitworth (BSW) 55° Set of 3
2. British Standard fine (BSF) 55° Set of 3
3. Unified coarse (UNC) 60° Set of 3
4. Unified fine (UNF) 60° Set of 3
5. British standard parallel (BSP) 55° Set of 2
6. Metric Set of 3



14 speciality hand tools

NUT RIVETER KIT

RT-NR

Designed for riveting threaded inserts for use as nuts.

Includes

- 3 threaded Mandrels
- 3 Nose pieces for riveting M4, M5 & M6 threaded rivets
- Spare M4 Rivets: 15
- Spare M5 Rivets: 15
- Spare M6 Rivets: 10



Convenient change of nose pieces with wrench

LAZY TONG HAND RIVETER

RT-LT

- Ideal for continuous & repetitive usage in automotive, construction & agricultural application
- Includes 3 nose pieces & a spanner
- **Suitable for riveting aluminum, steel & stainless steel POP / blind rivets**
1/8" (3.2mm), 5/32" (4mm) & 3/16" (4.8mm)



HEAVY DUTY HAND RIVETER

RT-HD

- 2 jaw riveter with built in mandrel collector
- 5 interchangeable nose pieces threaded onto the handle
- **Suitable for riveting**
Aluminum and steel POP/ Blind Rivets
1/8" (3.2 mm)
5/32" (4.0 mm)
3/16" (4.8 mm)
15/64" (6.0 mm)
1/4" (6.4 mm)
- **Stainless Steel Rivets**
1/8" (3.2 mm)
5/32" (4.0 mm)
3/16" (4.8 mm)
15/64" (6.0 mm)



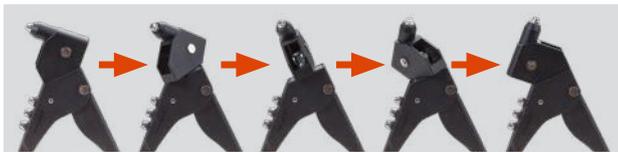
360° SWIVEL HAND RIVETER

RT-SW

- 360° swivel head riveter that can be used at any angle

Suitable for riveting

- Aluminum and steel POP/ Blind Rivets
3/32" (2.4 mm)
1/8" (3.2 mm)
5/32" (4.0 mm)
3/16" (4.8 mm)
- Stainless Steel Rivets
1/8" (3.2 mm)
5/32" (4.0 mm)



360° Swivel Head
Set rivets straight or at right angles

SCRATCH AWL

SA

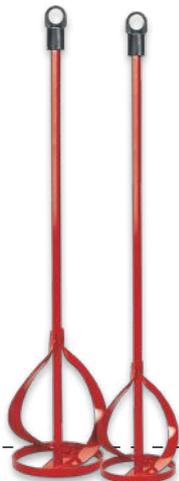
- Used for making small holes in narrow timber
- The alloy steel blade runs through the handle & is securely fastened to plated steel ferrule & cap
- Hardwood handle is contoured for a comfortable grip
- **Overall Length**
6-15/32"(165 mm)



PAINT MIXERS

PMX

- Ideal for mixing paint & a multitude of other low density materials
- **Overall Length**
16" (mm)
- Fits 3/8" (9.5 mm) drill size
- **Available dia. Sizes**
2-3/8" (60 mm) &
3-3/16"(80 mm)



GROMMET KITS

GRMT/1-4/ST24

Includes 24 brass grommets (eyelets), hole punch, backer block, setting tool and anvil

GRMT/3-8/ST12

Includes 12 brass grommets (eyelets), hole punch, backer block, setting tool and anvil

GRMT/1-2/ST12

Includes 12 brass grommets (eyelets), hole punch, backer block, setting tool and anvil



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