

01

PROFESSIONAL HAND TOOLS



INDESTRUCTIBLE HANDLE



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**

**PATENT
PENDING**



SCAN TO
WATCH

01

Club Hammers Indestructible Handle

CHID

A Club hammer is a small sledge hammer with relatively lighter weight and shorter handle

Handle

4 spring steel bars that run through the handle are locked with the hammer head using steel locking plate, ensuring that the head never gets dislodged

Ergonomic rubber grip handle absorbs vibration and reduces fatigue

Special bonding process ensures that the handle & head never get loose

Head

Available in 2 types

BS 876
For material, hardness
& performance



SANS 387:2014



Heavy Duty

Soft Face

SPECIFICATIONS

WORKING TEMPERATURE RANGE	-10°C TO 50°C
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WARNING*

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



Steel Locking Plate



4 Spring Steel Bars



Ergonomic Rubber Grip Handle

a. Heavy Duty 52 HRC Head

Forged from special steel, the hammer head is induction case hardened 50-58 HRC. These hammers are especially useful in demolition work where the struck surface is softer than the hammer head

UTILITY

- Driving in stakes
- Metal-forming
- Setting bolts
- Minor demolition work

ORDERING INFORMATION

CAT NR.	HEAD WEIGHT		OVERALL LENGTH		BOX QTY.
	(LBS)	(KG)	(INCH)	(MM)	
* CHID/2.5/12	2.5	1.1	12	300	8
* CHID/4/12	4	1.8	12	300	8
CHID/4/16	4	1.8	16	400	8

* Best Seller

b. Soft Face 30 HRC Head

Forged from special steel, the hammer head is induction case hardened & then tempered to reduce hardness within 30-35 HRC. Softer head is designed to mushroom when striking harder base materials. Prevents damage to struck work pieces

UTILITY

- Metal forming
- Over ground mining
- Maintenance of cutting tools

ORDERING INFORMATION

CAT NR.	ORD NR.	HEAD WEIGHT		OVERALL LENGTH		BOX QTY.
		(LBS)	(KG)	(INCH)	(MM)	
CHID/SF/2.5/12	34550	2.5	1.1	12	300	8
CHID/SF/4/12	34551	4	1.8	12	300	8

02 Sledge Hammer Indestructible Handle

SHID

The 'BIG BOY' of hammers, Groz Sledge Hammers with patented Indestructible handle are designed to take a heavy beating

Handle

4 - 6 spring steel bars that run through the handle are locked with the hammer head using steel locking plates ensuring that the head never gets dislodged

Shorter handles 12" - 16" (300mm - 400mm) come with 4 spring steel bars. These hammers are useful in automotive applications

Longer handles come with 6 spring steel bars for added strength

Ergonomic rubber grip handle absorbs vibration and reduces fatigue

Special bonding process ensures that the handle & head never get loose

Head

Available in 2 types

- a. Heavy Duty 50-58 HRC Head*
- b. Soft Face 30 HRC Head

SPECIFICATIONS

WORKING TEMPERATURE RANGE	-10°C TO 50°C
---------------------------	---------------

WARNING*

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

BS 876 For material, hardness & performance

SANS 387:2014



Steel Locking Plate



Spring Steel Bars



Ergonomic Rubber Grip Handle

a. Heavy Duty 50-58 HRC Head*

Forged from special steel, the hammer head is induction case hardened 50-58 HRC. These hammers are especially useful in demolition work where the struck surface is softer than the hammer head

UTILITY

- Driving in stakes
- Heavy demolition work
- Construction: fracturing stone & concrete
- Driving fence posts
- Police, fire & rescue
- Rebar work
- Railroads
- Bending & shaping metal

ORDERING INFORMATION

CAT NR.	HEAD WEIGHT		OVERALL LENGTH		BOX QTY.
	(LBS)	(KG)	(INCH)	(MM)	
SHID/6/24	6	2.7	24	600	4
SHID/6/30	6	2.7	30	750	4
★ SHID/8/24	8	3.6	24	600	4
★ SHID/8/30	8	3.6	30	750	4
SHID/8/36	8	3.6	36	900	4
SHID/10/30	10	4.5	30	750	4
SHID/12/30	12	5.5	30	750	4
★ SHID/14/30	14	6.3	30	750	4
SHID/20/36	20	9	36	900	2

★ Best Seller ◆ New

b. Soft Face 30 HRC Head

Forged from special steel, the hammer head is induction case hardened & then tempered to reduce hardness within 30-35 HRC. Softer head is designed to mushroom when striking harder base materials. Prevents damage to struck work pieces.

UTILITY

- Agriculture
- Automotive
- Overground mining
- Railroad
- Maintenance of cutting tools

ORDERING INFORMATION

CAT NR.	HEAD WEIGHT		OVERALL LENGTH		BOX QTY.
	(LBS)	(KG)	(INCH)	(MM)	
SHID/SF/6/30	6	2.7	30	750	4
SHID/SF/8/30	8	3.6	30	750	4
SHID/SF/10/30	10	4.5	30	750	4
SHID/SF/12/30	12	5.5	30	750	4
SHID/SF/14/36	14	6.3	36	900	4

03

Copper Head Sledge Hammers
Indestructible Handle

CHID-CU
SHID-CU

Copper head hammers
The ultimate safety tool are popular in mining
and automotive applications

Handle
4-6 spring steel bars that run through the
handle are locked with the hammer head
using steel locking plates ensuring that the
head never gets dislodged

Shorter handles 12" - 16" (300mm - 400mm)
come with 4 spring steel bars

Longer handles come with 6 spring steel bars
for added strength

Ergonomic rubber grip handle absorbs shock
& vibration reducing fatigue

Head
Hammer head is forged from 99.9% pure
copper for spark free use. Copper head
resists sparking & reduces marring of most
struck surfaces

Special bonding process ensures that the
handle and head never get loose

- UTILITY**
- Metal forming
 - Mining
 - Underground mining
 - Oil rigs
 - Gas industry

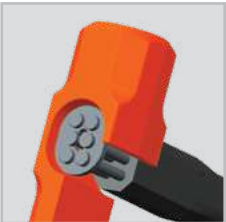
SPECIFICATIONS

WORKING TEMPERATURE RANGE	-10°C TO 50°C
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ORDERING INFORMATION

CAT NR.	HEAD WEIGHT		OVERALL LENGTH		BOX QTY.
	(LBS)	(KG)	(INCH)	(MM)	
CHID/2.5/12/CU	2.5	1.1	12	300	8
CHID/2.5/16/CU	2.5	1.1	16	400	8
★CHID/4/12/CU	4	1.8	12	300	8
CHID/4/16/CU	4	1.8	16	400	8
★SHID/8/24/CU	8	3.6	24	600	4
★SHID/14/30/CU	14	6.3	30	750	4

★ Best Seller



Steel Locking Plate



4 - 6 Spring Steel Bars



Ergonomic Rubber Grip
Handle



04

Brass Head Sledge Hammers
Indestructible Handle

SHID-BR

Brass head hammers are useful in
combustible environments

Handle
4-6 spring steel bars that run through the
handle are locked with the hammer head
using steel locking plates ensuring that the
head never get dislodged

Shorter handles 12" - 16" (300mm - 400mm)
come with 4 spring steel bars

Longer handles come with 6 spring steel
bars for added strength

Ergonomic rubber grip handle absorbs
shocks & vibration hence reducing fatigue

Head
Drop forged brass head is spark resistant. It
absorbs impact & reduces damage on the
surface being hit.
These can be used safely in combustible
environments

- UTILITY**
- Oil Rigs
 - Gas Industry
 - Automotive applications where the struck
surface is soft

SPECIFICATIONS

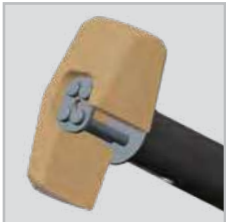
WORKING TEMPERATURE RANGE	-10°C TO 50°C
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ORDERING INFORMATION

CAT NR.	HEAD WEIGHT		OVERALL LENGTH		BOX QTY.
	(LBS)	(KG)	(INCH)	(MM)	
★ SHID/2.5/12/BR	2.5	1.1	12	300	8
★ SHID/4/12/BR	4	1.8	12	300	8
SHID/4/16/BR	4	1.8	16	400	8
◆ SHID/6/30/BR	6	2.7	30	750	4
◆ SHID/8/30/BR	8	3.6	30	750	4

★ Best Seller

◆ New



Steel Locking Plate



4-6 Spring Steel Bars



Ergonomic Rubber Grip
Handle



A MUST HAVE TOOL for metal workers, The Ball Pein Hammer features a rounded end for pounding metals and a bevel on the other for regular hammering applications

Handle

2 spring steel bars that run through the handle are locked with the hammer head using steel locking plates ensuring that the head never gets dislodged

Ergonomic rubber grip handle absorbs shock & vibration reducing fatigue

Special bonding process ensures that the handle and head never get loose

UTILITY

- Bending & shaping metal
- Driving punches & chisels
- Concrete & stone work
- Hand forging
- Setting rivets
- Peen riveted & welded material
- Texturing face of metal

Head

Available in 2 types

SPECIFICATIONS

WORKING TEMPERATURE RANGE	-10°C TO 50°C
---------------------------	---------------

WARNING

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

a. Heavy Duty 50-58 HRC Head*

Forged from special steel, the hammer head is induction case hardened 50-58 HRC. These hammers are especially useful in applications where the struck surface is softer than the hammer head

ORDERING INFORMATION

CAT NR.	HEAD WEIGHT		OVERALL LENGTH		BOX QTY.
	(GMS)	(OZ)	(INCH)	(MM)	
BPID/16/14	450	16	14	350	8
BPID/20/14	565	20	14	350	8
* BPID/24/14	680	24	14	350	8
* BPID/32/14	900	32	14	350	8
BPID/48/14	1360	48	14	350	8

◆ New ★ Best Seller

BS 876

For material, hardness & performance



Heavy Duty

Soft Face



2 Spring Steel Bars

b. Soft Face 30 HRC Head

Forged from special steel, the hammer head is induction case hardened & then tempered to reduce hardness to within 30-35 HRC. Softer head is designed to mushroom when striking harder base materials. Prevents damage to struck work pieces

ORDERING INFORMATION

CAT NR.	HEAD WEIGHT		OVERALL LENGTH		BOX QTY.
	(GMS)	(OZ)	(INCH)	(MM)	
◆ BPID/SF/24/14	680	24	14	350	8

◆ New

Handle

4 spring steel bars are locked with the hammer head using steel locking plates ensuring that the head never gets dislodged

Ergonomic rubber grip handle absorbs shock & vibration reducing fatigue

Head

Hammer head is forged from special steel & is induction case hardened to 50-58 HRC for extended life

Special bonding process ensures that the handle and head never get loose

UTILITY

- Heavy Forging
- Bending & Shaping Metal
- Spreading Metal
- Driving Punches & Chisels
- Driving Masonry Drills
- Concrete & Stone Work
- Starting Panel Pins & Tacks



4 Spring Steel Bars

ORDERING INFORMATION

CAT NR.	HEAD WEIGHT		OVERALL LENGTH		BOX QTY.
	(LBS)	(KG)	(INCH)	(MM)	
CPID/2/16	2.5	1.15	16	400	8
* CPID/3/16	3.5	1.60	16	400	8

★ Best Seller

SPECIFICATIONS

WORKING TEMPERATURE RANGE	-10°C TO 50°C
---------------------------	---------------

WARNING

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

Also known as a Nailing Hammer these are used in woodworking, prying & finishing jobs

Handle

2 spring steel bars are locked with the hammer head using steel locking plates ensuring that the head never gets dislodged

Ergonomic rubber grip handle absorbs shock & vibration reducing fatigue

induction case hardened 50-58 HRC for extended life

Special bonding process ensures that the handle and head never get loose. Well shaped, curved claw is tapered for maximum grip & higher leverage when gripping a nail

UTILITY

- Pulling Out Nails
- Lifting Floorboards
- Carpentry Work



2 Spring Steel Bars

ORDERING INFORMATION

CAT NR.	HEAD WEIGHT		OVERALL LENGTH		BOX QTY.
	(OZ)	(GMS)	(INCH)	(MM)	
CLID/16/13	16	450	13	330	12

SPECIFICATIONS

WORKING TEMPERATURE RANGE	-10°C TO 50°C
---------------------------	---------------

WARNING

Do not strike objects harder than 46 HRC. Striking items of a greater hardness is liable to cause fracture or chipping. Do not use a claw hammer for striking cold chisels or for pulling out masonry nails

FIBREGLASS HANDLE



25%
WIDER NECK

Overstroke
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

08

Sledge Hammer Fibreglass Handle

SHFG

Sledge Hammers are designed for
heavy demolition and hammering
applications

Head

Forged from fine-grained special steel
the heads are induction hardened
50-58 HRC for increased durability

Handle

Lightweight yet durable dual injection
moulded fibreglass handle for
controlled and balanced swing

Designed with a 25% wider neck,
handles are covered with a
polypropylene jacket for protection
against overstrikes

TPR grip on handle absorbs shock and
vibration and provides a non-slip grip

Handles securely attached to the
hammer head using a tough epoxy
adhesive ensuring that the head does
not loosen even with rough use

Available in two types

- a. Short Handle – 16" (400mm)
- b. Long Handle – 36" (900mm)

UTILITY

- Driving in stakes
- Metal forming
- Setting bolts
- Demolition jobs

NEW!

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& performance

SANS 387:2014



WARNING

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

ORDERING INFORMATION

CAT NR.	HEAD WEIGHT		OVERALL LENGTH		BOX QTY.
	(LBS)	(KG)	(INCH)	(MM)	
SHORT HANDLE					
SHFG/2.5/16	2.5	1.1	16	400	8
SHFG/4/16	4	1.8	16	400	8
LONG HANDLE					
SHFG/6/36	6	2.7	36	900	4
SHFG/8/36	8	3.6	36	900	4
SHFG/10/36	10	4.5	36	900	4
SHFG/12/36	12	5.5	36	900	2
SHFG/14/36	14	6.3	36	900	2
SHFG/16/36	16	7.3	36	900	2

09

Ball Pein Hammers
Fibreglass Handle

BPFG

A MUST HAVE TOOL for metal workers, The ball pein hammer features a rounded end for pounding metals and a bevel on the other for regular hammering applications

Head
Forged from fine-grained special steel the heads are induction hardened 50-58 HRC for increased durability

Handle
Lightweight yet durable dual injection moulded fibreglass handle for controlled and balanced swing

Designed with a 25% wider neck, handles are covered with a polypropylene jacket for protection against overstrikes

TPR grip on handle absorbs shock and vibration and provides a non-slip grip

Handles securely attached to the hammer head using a tough epoxy adhesive ensuring that the head does not fly away even with rough use

- UTILITY**
- Bending & shaping metal
 - Driving punches & chisel
 - Concrete & stone work
 - Hand forging
 - Setting rivets
 - Peen riveted & welded material
 - Texturing face of metal



NEW!
BS 876
For material, hardness & performance



ORDERING INFORMATION

CAT NR.	HEAD WEIGHT		OVERALL LENGTH		BOX QTY.
	(GMS)	(OZ)	(INCH)	(MM)	
BPFG/8/12	226	8	12	300	10
BPFG/12/13	340	12	13	330	10
BPFG/16/13	450	16	13	330	10
BPFG/24/14	680	24	14	350	10
BPFG/32/14	900	32	14	350	10
BPFG/48/16	1360	48	16	400	10

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

10

Drilling Hammers
Fibreglass Handle

DHFG

Popularly called Stone Cutter's Hammers, these are ideal for day to day demands of construction professionals

Head
Fully forged head is induction hardened 50-58 HRC and tempered for maximum strength and durability

Duly machined and polished faces are beveled to prevent chipping

Handle
Lightweight yet durable dual injection moulded fibreglass handle for controlled and balanced swing

Designed with a 25% wider neck, handles are covered with a polypropylene jacket for protection against overstrikes

TPR grip on handle absorbs shock and vibration and provides a non-slip grip

Handles securely attached to the hammer head using a tough epoxy adhesive ensuring that the head does not fly away even with rough use

- UTILITY**
- Striking cold chisels, concrete chisels & brick bolsters
 - Drive in stakes
 - Rebar into the ground
 - Break through concrete floors



NEW!
ASME
B107.400- 2018

BS 876
For material, hardness & performance



ORDERING INFORMATION

CAT NR.	HEAD SIZE		OVERALL LENGTH		BOX QTY.
	(LBS)	(GMS)	(INCH)	(MM)	
DHFG/2/11	2	900	11	280	8
DHFG/3/11	3	1300	11	280	8

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

11

Engineer's Hammers
Fibreglass Handle

EHFG

Head
Fully forged head is induction hardened 50-58 HRC and tempered for maximum strength and durability

Duly machined and polished faces are beveled to prevent chipping

Handle
Lightweight yet durable dual injection moulded fibreglass handle for controlled and balanced swing

Designed with a 25% wider neck, handles are covered with a polypropylene jacket for protection against overstrikes

TPR grip on handle absorbs shock and vibration and provides a non-slip grip

Handles securely attached to the hammer head using a tough epoxy adhesive ensuring that the head does not fly away even with rough use

- UTILITY**
- Tile & Drywall Demolition
 - Setting brick & tile

NEW!

ASME
B107.400- 2018

BS 876
For material, hardness & performance



ORDERING INFORMATION

CAT NR.	HEAD SIZE		OVERALL LENGTH		BOX QTY.
	(LBS)	(KG)	(INCH)	(MM)	
EHFG/2.5/14	2.5	1.14	14	350	8
EHFG/4/14	4	1.8	14	350	8

WARNING

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

12

Blacksmith's/ Cross Pein Hammers
Fibreglass Handle

BHFG

Head
Fully forged head is induction hardened 50-58 HRC and tempered for maximum strength and durability

Duly machined and polished faces are beveled to prevent chipping

Handle
Lightweight yet durable dual injection moulded fibreglass handle for controlled and balanced swing

Designed with a 25% wider neck, handles are covered with a polypropylene jacket for protection against overstrikes

TPR grip on handle absorbs shock and vibration and provides a non-slip grip

Handles securely attached to the hammer head using a tough epoxy adhesive ensuring that the head does not fly away even with rough use

- UTILITY**
- Light metalworking & shaping jobs by -
- Metalworkers
 - Welders
 - Contractors
 - Tradesmen
 - Serious DIY'ers

NEW!

ASME
B107.400- 2018

BS 876
For material, hardness & performance



ORDERING INFORMATION

CAT NR.	HEAD SIZE		OVERALL LENGTH		BOX QTY.
	(LBS)	(KG)	(INCH)	(MM)	
BHFG/2.5/14	2.5	1.14	14	350	8
BHFG/4/14	4	1.8	14	350	8

WARNING

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

13

Claw Hammer
Fibreglass Handle

CLFG

Also known as a Nailing Hammer these are used in woodworking, prying & finishing jobs

Head
Hammer Head is forged from special steel & induction case hardened 50-58 HRC for extended life

Special bonding process ensures that the handle and head never get loose. Well shaped, curved claw is tapered for maximum grip & higher leverage when gripping a nail

Handle
Lightweight yet durable dual injection moulded fibreglass handle for controlled and balanced swing

Designed with a 25% wider neck, handles are covered with a polypropylene jacket for protection against overstrikes

TPR grip on handle absorbs shock and vibration and provides a non-slip grip

Handles securely attached to the hammer head using a tough epoxy adhesive ensuring that the head does not fly away even with rough use

- UTILITY**
- Pulling Out Nails
 - Lifting Floorboards
 - Carpentry Work



CAT NR.	HEAD WEIGHT		OVERALL LENGTH		BOX QTY.
	(GMS)	(OZ)	(INCH)	(MM)	
CLFG/16/13	450	16	13	330	12

NEW! **BS 876**
For material, hardness & performance



WARNING
Do not strike objects harder than 46 HRC. Striking items of a greater hardness is liable to cause fracture or chipping. Do not use a claw hammer for striking cold chisels or for pulling out masonry nails

14

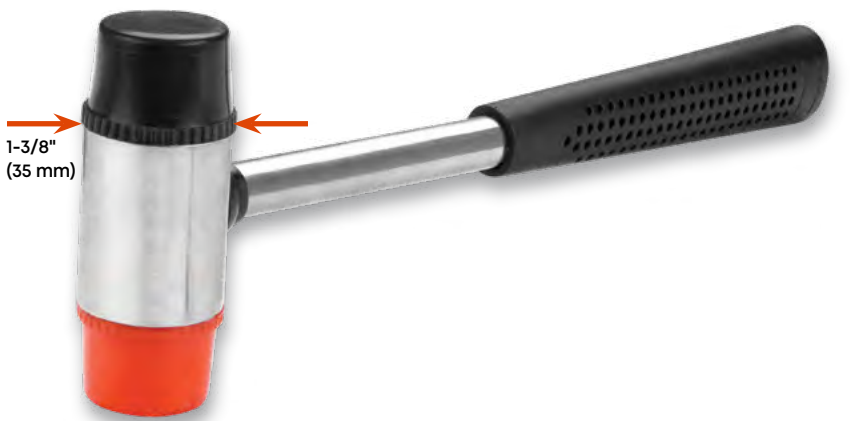
Double Face
Plastic Mallet

HMR-SF

Multi-purpose striking tool useful for striking surfaces that could get damaged by steel hammers

Chrome plated head with 2 screw-in replaceable heads. Tubular steel handle shifts the weight balance towards the head for extra power in each blow

- Available with a choice of heads:**
- a. Plastic Head**
To lightly strike material without damaging or marring the surface. Used for piston cylinder assembly in engines, jewellery making etc
 - b. Rubber Head**
To deliver cushioned strike. Used in sheet metal & aluminium fabrication jobs, installation of wheel hub caps in automotive assembly & maintenance
 - c. Brass Head**
Used in denting & painting shops, fitting jobs without causing any damage to the work surface
 - d. Copper Head**
Provides a firm positive blow without any risk of marring the surface of highly finished expensive components



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



CAT NR.	DESCRIPTION	BOX QTY.
HMR/SF/25	Mallet with plastic & rubber head	8
KIT/HMR/SF/4ST	Mallet with plastic & rubber head fitted, copper & brass head as spares	8
SPARE HEADS		
HD/PR/HMR/25	Red plastic head	10
HD/PB/HMR/25	Black rubber head	10
HD/BR/HMR/25	Brass head	10
HD/CU/HMR/25	Copper head	10

IMPACT & RATCHET WRENCHES

MECHANISMS



ROCKING DOG MECHANISM

Ideal for optimum power transmission and constant torque output

JUMBO HAMMER MECHANISM

Simplest technology which produces high torque instantly for tough applications

TWIN HAMMER MECHANISM

Balanced & powerful mechanism comprising of two fully forged hammers that work alternatively. With lower air consumption & low reaction force the system builds up torque smoothly, to its maximum level

IMPROVED TWIN HAMMER MECHANISM

Designed for higher torque & durability. Strong reinforced hammer frame can take higher impact for a longer time. Larger anvil provides a large contact area. Gives 25% more torque compared to twin hammer & enhances tool life by upto 3 times

PIN-LESS CLUTCH MECHANISM

High torque output with excellent power to weight ratio & fast run down for less frequent high torque applications

AIR EXHAUST



FRONT EXHAUST

Air is blown forward towards the working area. This is normally found in the simpler design models

REAR EXHAUST

This is the most popular design. Air is discharged down the handle and blown away from the working area

SIDE EXHAUST

The air is discharged from the side of the tool

360° EXHAUST

Air can be blown in any desired direction by rotating the exhaust disk

HANDLE TYPE



PISTOL TYPE



STRAIGHT D-HANDLE TYPE

15

3/8" Impact Wrench

IPW-200 SERIES

IPW - 201



CE

IPW - 202



Forward reverse control

CE

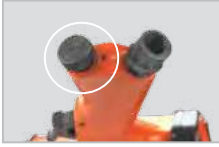
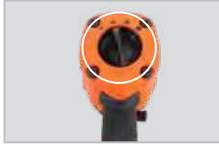
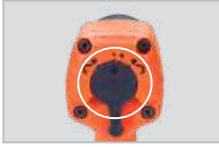
CONSTRUCTION	Aluminium	Composite
GRIP	-	TPR Grip
MECHANISM	Jumbo Hammer	Twin Hammer
MAX. TORQUE *@15SEC	360 Nm	745 Nm
FREE SPEED	10,000 RPM	13,500 RPM
EXHAUST	Rear Exhaust	Rear Exhaust
AIR INLET SIZE	1/4"	1/4"
AIR HOSE I.D.	3/8"	3/8"
AVG. AIR CONSUMPTION	71 LPM (2.5 CFM)	167 LPM (5.9 CFM)
MAX. NUT CAPACITY	M11	M14
NET WT.	1.35 KG	1.23 KG
OVERALL LENGTH	5-1/2" (140mm)	6" (152mm)
APPLICATION	- Tyre services & wheel alignment - Repair of white goods (fans, washing machines etc.)	- General Repair, transmission work, exhaust system and body shop for 2 & 3 wheelers - Repair of white goods (fans, washing machines etc.)
USAGE INTENSITY	INTENSIVE	INTENSIVE
SPEED CONTROL	 5 speed position control	 4 speed positive control, full Power in reverse

ORDERING INFORMATION

CAT NR.	BOX QTY.
IPW/201	12
IPW/202	6

16 1/2" Impact Wrench

IPW-300 SERIES

	IPW - 301  CE	IPW - 302 	IPW - 304  CE	IPW - 305  CE	IPW - 306 
CONSTRUCTION	Aluminium	Aluminium	Composite	Composite	Composite
GRIP	-	-	TPR Grip	-	TPR Grip
MECHANISM	Twin Hammer	Rocking Dog	Twin Hammer	Twin Hammer	Twin Hammer
MAX. TORQUE *@15SEC	1223 Nm	500 Nm	1492 Nm	1356 Nm	1200 Nm
FREE SPEED	8,000 RPM	7,000 RPM	8,500 RPM	6,000 RPM	7,500 RPM
EXHAUST	Front Exhaust	Front Exhaust	Rear Exhaust	Rear Exhaust	Rear Exhaust
AIR INLET SIZE	1/4"	1/4"	1/4"	1/4"	1/4"
AIR HOSE I.D.	3/8"	3/8"	3/8"	3/8"	3/8"
AVG. AIR CONSUMPTION	113 LPM (4 CFM)	141 LPM (5 CFM)	190 LPM (6.7 CFM)	207 LPM (7.3 CFM)	184 LPM (6.5 CFM)
MAX. NUT CAPACITY	M16	M14	M19	M22	M16
NET WT.	2.56 KG	2 KG	1.9 KG	2.3 KG	2.1 KG
OVERALL LENGTH	6.7" (171mm)	7" (180mm)	7.2" (185mm)	7.5" (190mm)	7.2" (185mm)
APPLICATION	- Maintenance & repair of Passenger Vehicles - Railways - Gear Units & Gear Boxes - Printing Press Machines - Assembly line of white goods (Fans, washing machines etc.)	Ideal for use in 2 wheeler industry for repairs such as tyre-changing and maintenance applications	- General automotive repair & service center for passenger vehicles - MRO jobs in railways - Repair & maintenance of gear units & boxes - Repair & maintenance of printing press machines	- General automotive repair & service center for passenger vehicles - MRO jobs in railways - Repair & maintenance of gear units & boxes - Repair & maintenance of printing press machines	- Four-wheeler workshops for general automotive repair & service centers for passenger vehicles - Gear units and printing press machines for repair & maintenance
USAGE INTENSITY	INTENSIVE	OCCASIONAL	INTENSIVE	MEDIUM	OCCASIONAL
SPEED CONTROL	 6 speed position control	 4 speed position control	 4 speed positive control, full power in reverse	 3 speed position control, full power in reverse	 3 speed position control Full Power in reverse

ORDERING INFORMATION

CAT NR.	BOX QTY.
IPW/301	6
IPW/302	6
IPW/304	6
IPW/305	6
IPW/306	6

17

1/2" Angle Impact Wrench

IPW-300 SERIES

Special stubby style wrench with long handle ideal for use in confined spaces

Reduced vibrations(50%) & increased torque (20%) compared to other geared angle impact wrenches



360° Swivelling Exhaust

IPW - 307



SCAN TO WATCH



CONSTRUCTION	Aluminium
GRIP	-
MECHANISM	Jumbo Hammer
MAX. TORQUE *@15SEC	678 Nm
FREE SPEED	6,500 Rpm
EXHAUST	360° Swivelling Exhaust
AIR INLET SIZE	1/4"
AIR HOSE I.D.	3/8"
AVG. AIR CONSUMPTION	119 LPM (4.2 CFM)
MAX. NUT CAPACITY	M16
NET WT.	1.4 KG
OVERALL LENGTH	9.76" (248mm)
APPLICATION	• General Automotive Repair & Service Center For Passenger Vehicles • MRO Jobs In Railways • Repair & Maintenance Of Gear Units & Boxes • Repair & Maintenance Of Printing Press Machines
USAGE INTENSITY	INTENSIVE
SPEED CONTROL	 3 speed position control, full power in reverse positive

ORDERING INFORMATION

CAT NR.	BOX QTY.
IPW/307	6

18

3/4" Impact Wrench

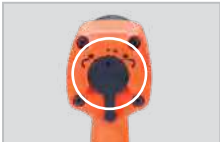
IPW-400 SERIES

IPW - 401



IPW - 402



CONSTRUCTION	Aluminium	Composite
GRIP	-	-
MECHANISM	Improved Twin Hammer	Improved Twin Hammer
MAX. TORQUE *@15SEC	2522 Nm	2305 Nm
FREE SPEED	6,700 RPM	6,000 RPM
EXHAUST	Rear Exhaust	Rear Exhaust
AIR INLET SIZE	1/4"	3/8"
AIR HOSE I.D.	3/8"	1/2"
AVG. AIR CONSUMPTION	198 LPM (7 CFM)	207 LPM (7.3 CFM)
MAX. NUT CAPACITY	M24	M26
NET WT.	4.75 KG	4.19 KG
OVERALL LENGTH	9.2" (235mm)	8.7" (222mm)
APPLICATION	• MRO jobs in oil & gas industry • MRO jobs in paper processing plants	• MRO jobs in oil & gas industry • MRO jobs in paper processing plant
USAGE INTENSITY	INTENSIVE	MEDIUM
SPEED CONTROL	 3 speed positive control, full power in reverse	 3 speed position control, full power in reverse

ORDERING INFORMATION

CAT NR.	BOX QTY.
IPW/401	4
IPW/402	4

IPW - 501



IPW - 502



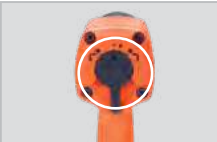
CONSTRUCTION	Aluminium	Aluminium
GRIP	-	-
MECHANISM	Pin-less Clutch	Twin Hammer
MAX. TORQUE *@15SEC	2522 Nm	2400 Nm
FREE SPEED	4,000 RPM	3,500 RPM
EXHAUST	Side Exhaust	Side Exhaust
AIR INLET SIZE	3/8"	1/2"
AIR HOSE I.D.	1/2"	1/2"
AVG. AIR CONSUMPTION	238 LPM (8.4 CFM)	247 LPM (8.7 CFM)
MAX. NUT CAPACITY	M38	M32
NET WT.	12.06 KG	11 KG
OVERALL LENGTH	20.3" (515mm)	23.2" (590mm)
APPLICATION	• Truck garages, construction & mining equipment where huge impact power is required • Erection & commissioning of heavy equipment in power plants, sugar mill, cement plants & steel mills • MRO jobs in shipping Wards • Routine maintenance of wind mills	• Truck garages, construction & mining equipment where huge impact power is required • Erection & commissioning of heavy equipment in power plants, sugar mill, cement plants & steel mills • MRO jobs in shipping Wards • Routine maintenance of wind mills
USAGE INTENSITY	INTENSIVE	OCCASIONAL
SPEED CONTROL	 3 speed position control	 3 speed position control

ORDERING INFORMATION

CAT NR.	BOX QTY.
IPW/501	1
IPW/502	1

IPW - 503



CONSTRUCTION	Composite
GRIP	-
MECHANISM	Improved Twin Hammer
MAX. TORQUE *@15SEC	2305 Nm
FREE SPEED	6,000 RPM
EXHAUST	Rear Exhaust
AIR INLET SIZE	3/8"
AIR HOSE I.D.	1/2"
AVG. AIR CONSUMPTION	207 LPM (7.3 CFM)
MAX. NUT CAPACITY	M26
NET WT.	4.24 KG
OVERALL LENGTH	8.7" (222mm)
APPLICATION	• Truck garages, construction & mining equipment where large impact power is required • Erection & commissioning of heavy equipment in power plants, sugar mill, cement plants & steel mills • MRO jobs in shipping wards • Routine maintenance of wind mills
USAGE INTENSITY	MEDIUM
SPEED CONTROL	 3 speed position control, full power in reverse

ORDERING INFORMATION

CAT NR.	BOX QTY.
IPW/503	1

21

3/8" Ratchet Wrenches

RTW

Robust & durable aluminium housing

Chrome Molybdenum anvil guarantees high performance in the toughest applications

Optimized gear ratio and air flow for reliable performance

Easy to use forward/reverse control

Throttle lever design for easy speed control

Excellent for body shop repair jobs and light duty work under the dashboard

SPECIFICATIONS

*MAX TORQUE ¹ @15 SEC	68 Nm
FREE SPEED	150 RPM
AVR. AIR CONSUMPTION	170 LPM (6 CFM)
AIR INLET SIZE	1/4"
AIR HOSE I.D.	3/8"
NET WEIGHT	1.17 KG
NUT CAPACITY (MAX)	M6
USAGE INTENSITY	INTENSIVE

ORDERING INFORMATION

CAT NR.	DRIVE	OVERALL LENGTH		BOX QTY.
	(INCH)	(INCH)	(MM)	
RTW/3-8/STD	3/8	10.5	267	15

22

1/2" Ratchet Wrenches

Robust & durable aluminium housing

Chrome Molybdenum anvil guarantees high performance in the toughest applications

Optimized gear ratio and air flow for reliable performance

Easy to use forward/reverse control

Throttle lever design for easy speed control

Excellent for body shop repair jobs and light duty work under the dashboard

SPECIFICATIONS

*MAX TORQUE ¹ @15 SEC	68 Nm
FREE SPEED	150 RPM
AVR. AIR CONSUMPTION	170 LPM (6 CFM)
AIR INLET SIZE	1/4"
AIR HOSE I.D.	3/8"
NET WEIGHT	1.17 KG
NUT CAPACITY (MAX)	M6
USAGE INTENSITY	INTENSIVE

ORDERING INFORMATION

CAT NR.	DRIVE	OVERALL LENGTH		BOX QTY.
	(INCH)	(INCH)	(MM)	
RTW/1-2/STD	1/2	10.5	267	15

23

Nylon Tool Bags

NTB-1 NTB-2 NTB-3 NTB-4

Durable, high quality water and abrasion resistant denier polyester tool bags. Double layered construction for enhanced durability

Tool Bags

Wide opening for easy access to contents

Easy pull heavy duty zipper

Handle stitching area reinforced for maximum durability

Rigid and waterproof base with TPR knobs to prevent damage from floor

Shoulder strap with cushioned rubber reinforcement on shoulder level

Back Pack

Multiple pockets and division for organized tooling

Safe and secure laptop and A4 document compartment

Cushioned shoulder straps for ergonomic and convenient carriage

Dual zipper closure enables opening from both ends



Tools not included

ORDERING INFORMATION

CAT NR.	LOAD CAPACITY		DIMENSIONS		SIZE	BOX QTY.
	(KG)	(LBS)	(INCH)	(MM)		
NTB/1	30	66	16.5 × 10.2 × 11.8	420 × 260 × 300	Large	1
NTB/2	60	132	17.9 × 11.0 × 11.8	455 × 280 × 300	X-Large	1
NTB/3	10	22	12 × 9 × 5.5	300 × 225 × 140	Medium	1
NTB/4	-	-	19.2 × 13.7 × 16.9	490 × 350 × 430	-	1

TOOL BAGS



NTB-3 Medium



NTB-1 Large



NTB-2 X-Large

BACK PACK



NTB-4

24 Portable Workstations

MTB-12 MTB-7 MTB-50



Manufactured from heavy gauge steel sheet

Rugged double wall construction for enhanced durability

Corrosion resistant powder coated finish

Drawers with ball bearing slides for 100% opening

All drawers lined with 2mm vinyl sheet

Integrated centralised locking system to lock/unlock all drawers in a single operations

4 heavy duty castors - 5" x 2" (125 x 50 mm). Rear castors with brakes for safety

Ergonomic handle for ease of movement



MTB-12
12 Drawer Portable Workstation

DRAWER	WIDTH		DEPTH		HEIGHT		NO. OF DRAWERS
	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
A	36-5/8	928	15-1/8	385	4-3/8	112	1
B	22-3/8	568	15-1/8	385	2-7/8	74	5
C	22-3/8	568	15-1/8	385	6	153	1
D	11-5/8	297	15-1/8	385	2-7/8	74	4
E	11-5/8	297	15-1/8	385	9-1/8	232	1



MTB-7
7 Drawer Portable Workstation

DRAWER	WIDTH		DEPTH		HEIGHT		NO. OF DRAWERS
	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
A	22-3/8	568	15-1/8	391	2-5/8	62	5
B	22-3/8	568	15-1/8	391	5-3/8	137	2

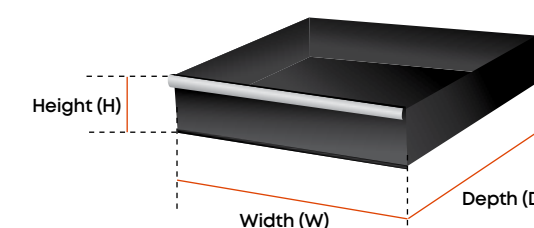
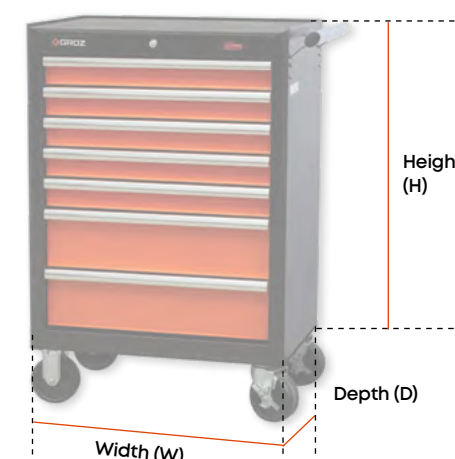


MTB-50
5 Drawer Portable Workstation

DRAWER	WIDTH		DEPTH		HEIGHT		NO. OF DRAWERS
	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
A	23-1/4	590	18-1/8	460	3	75	3
B	23-1/4	590	18-1/8	460	6	154	2

ORDERING INFORMATION

CAT NR.	DIMENSION (WxDxH)		BOX QTY.
	(INCH)	(MM)	
MTB/12A/WD	42 x 18 x 39	1067 x 457 x 985	1
MTB/7A	27 x 18 x 39	686 x 457 x 985	1
MTB/50	32-3/4 x 27 x 18-1/4	833 x 686 x 464	1



25

Universal Tool Kit
154 Piece

154 Piece 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



	QTY.	CONTENT OF TOOL TROLLEY	SIZE	IMAGE
TRAY 1	7 pcs	1/4" Hex Bit Sockets	3, 4, 5, 6, 7, 8, 10 mm	
	13 pcs	1/4" Hex Sockets	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm	
	3 pcs	1/4" Slotted Bit Sockets	4, 5.5, 7 mm	
	3 pcs	1/4" Phillips Bit Sockets	PH1, PH2, PH3	
	8 pcs	1/4" Torx Bit Sockets	T8, T10, T15, T20, T25, T27, T30, T40	
	9 pcs	1/4" Hex Sockets Deep	5, 6, 7, 8, 9, 10, 11, 12, 13 mm	
	1 pc	1/4" Ratchet Handle		
	3 pcs	1/4" Pozi Bit Sockets	PZ1, PZ2, PZ3	
	3 pcs	1/4" Extension Bar	50, 100, 150 mm	
	1 pc	1/4" Universal Joint		
	1 pc	Spinner Handle	1/4"	
	1 pc	Sliding T Bar	1/4"	
	22 pcs	1/2" Hex Sockets	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	
	1 pc	Sliding T Bar	1/2"	
	2 pcs	1/2" Spark Plug Socket	16, 21 mm	
	1 pc	1/2" Ratchet handle		
	1 pc	1/2" Power Bar	375 mm	
	2 pcs	1/2" Extension Bar	125, 250 mm	
	1 pc	Ratcheting Torque Wrench	40-200 Nm	
	1 pc	1/2" Universal Joint		

	QTY.	CONTENT OF TOOL TROLLEY	SIZE	IMAGE
TRAY 2	1 pc	Combination Plier	200 mm	
	1 pc	Diagonal Cutting Plier	200 mm	
	1 pc	Long Nose Plier	200 mm	
	1 pc	Water Pump Plier	250 mm	
	1 pc	Circlip Plier - Internal Straight	175 mm	
	1 pc	Circlip Plier - Internal Bent	175 mm	
	1 pc	Circlip Plier - External Straight	175 mm	
	1 pc	Circlip Plier - External Bent	175 mm	
	1 pc	Adjustable Wrench	375 mm	
	1 pc	Locking Plier	250 mm	
TRAY 3	5 pcs	Offset Ratcheting Ring Spanners	6 x 8, 10 x 11, 13 x 14, 15 x 17, 19 x 21 mm	
	25 pcs	Offset Combination Spanners	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 mm	
TRAY 4	7 pcs	Flat Screwdriver	3 x 75, 4 x 100, 4 x 100, 6.5 x 38, 6.5 x 100, 6.5 x 150, 8.0 x 150 mm	
	4 pcs	Phillips Screwdriver	PH1 x 75, PH2 x 100, PH2 x 38, PH3 x 150	
	Set of 8 pcs	Tamper Torx Star Keys	T9, T10, T15, T20, T25, T27, T30, T40	
	1 pc	LED Flashlight	Extends from 17-55 cm, with Telescopic Magnetic Pick-Up	
	Set of 9 pcs	Hex Key Set with Ball End - Extra Long - Metric	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm	

ORDERING INFORMATION

CAT NR.	BOX QTY.
MTB/7/154/AU	1

26

Automotive Tools Kit
84 Piece

84 Piece 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



	QTY.	CONTENT OF TOOL TROLLEY	SIZE	IMAGE
TRAY 1	17 pcs	1/2" Hex Sockets	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm	
	5 pcs	1/2" Hex Sockets Deep	10, 14, 17, 19, 22 mm	
	1 pc	Ratchet handle	1/2"	
	1 pc	Sliding T Bar	1/2"	
	1 pc	L Handle	1/2"	
	1 pc	Universal Joint	1/2"	
	2 pcs	1/2" Extension Bar	5", 10"	
	2 pcs	1/2" Spark Plug Socket	16, 21 mm	
	2 pcs	Adaptors	1/2 F x 3/4 M, 1/2 F x 3/8 M	
	1 pc	Combination Plier	200 mm	
	1 pc	Diagonal Cutting Plier	175 mm	
	1 pc	Long Nose Plier	175 mm	
	1 pc	Circlip Plier - Internal Straight	150 mm	
	1 pc	Circlip Plier - Internal Bent	150 mm	
	1 pc	Circlip Plier - External Straight	150 mm	
	1 pc	Circlip Plier - External Bent	150 mm	
	Set of 9 pcs	Hex Key Set with Ball End - Extra Long - Metric	1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10.0 mm	
	1 pc	20 leaf - Feeler Gauge	Blade Length: 150 mm	

	QTY.	CONTENT OF TOOL TROLLEY	SIZE	IMAGE
TRAY 2	4 pcs	Pin Punch Set	1/16", 1/8", 3/16" & 5/32"	
	1 pc	Ball Pein Hammer	Head Weight: 24 oz., Handle Length: 14"	
	1 pc	Plastic Mallet	Head Dia: 25mm	
	1 pc	Chisels	Blade Width: 1" (25 mm), Overall Length: 10" (250 mm)	
	1 pc	Cat Bar	16" (400 mm)	
	1 pc	Hacksaw Frame	12" with Bi-Metal Blade	
	1 pc	Adjustable Wrench	10" (250 mm)	
	1 pc	Water Pump Plier	10" (250 mm)	
	1 pc	Locking Plier	10" (250 mm)	
TRAY 3	12 pcs	Double Open End Spanner Set	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27, 25 x 28, 30 x 32 mm	
	12 pcs	Ring Spanner Set	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27, 25 x 28, 30 x 32 mm	
	1 pc	Penetrating Rust Solvent Spray - GO 10	400 gms	
	1 pc	Retra Knife	KNV/R/6	
	2 pc	Flat Screwdriver	6.5 x 100, 8 x 150 mm	
	2 pc	Phillips Screwdriver	PH 1 x 75, PH 2 x 100	

ORDERING INFORMATION

CAT NR.	IDEAL FOR	BOX QTY.
MTB/7/84/AU	4 wheeler workshops	1

INSTANT ACCESS TO TOOLS!

GROZ offers two coloured modular system of foam tool kits designed for ultimate safety and efficiency

A solution for each usage: DIY, automotive repair, industrial maintenance etc.

Ultimate Safety
No more looking around the drawer and risking injury

Separate space for each tool prevents them for lying around here and there

No Loss
Tools can be located immediately and replaced at the appropriate position after use ensuring no loss

Compatible with GROZ Portable Workstations, Tool Cart & Tool Chest

Tool assortments available in 3 modular sizes:



SERIES A
FULL SIZE



SERIES B
2/3 SIZE



SERIES C
1/3 SIZE

	WIDTH		DEPTH		HEIGHT		MODULE SIZE
	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
Series A	22-1/4	565	15-5/32	385	1-3/16	30	Full Size
Series B	15	380	15-5/32	385	1-3/16	30	2/3 Size
Series C	7-9/32	185	15-5/32	385	1-3/16	30	1/3 Size

*Applicable for standard trolley drawer size (internal) of 568 x 391 mm

Choose your option:



Option of fitting
3 pcs of Series C Modular Kits



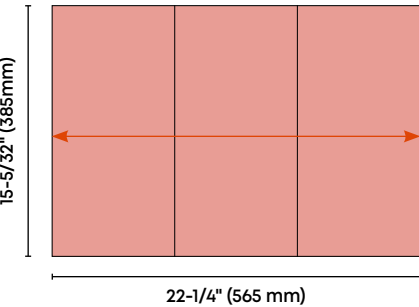
Option of fitting
1 pc of Series B Modular Kit &
1 pc of Series C Modular Kit



Option of fitting
1 pc of Series A Modular Kit



SERIES A - Full Size



QTY.	CONTENT OF TRAY	SIZE	IMAGE
CAT NR. KIT/MOD/11A BOX QTY. 1			
1 pc	Cat Bar	16"	
1 pc	Chisel	Blade Width: 1" (25 mm), Overall Length: 10" (250 mm)	
1 pc	Ball Pein Indestructible Handle Hammer	Head Weight: 24 oz. Handle Length: 14 "	
1 pc	Double Face Plastic Mallet	25 mm	
4 pcs	Pin Punch Set	1.5, 3, 4, 5 mm	
1 pc	Retra Knife		
1 pc	Hacksaw Frame	12" with Bi-metal Blade	
10 pcs	Bi-Metal Hacksaw Blade 8% Cobalt - HSS	12"	
CAT NR. KIT/MOD/13A BOX QTY. 1			
26 pcs	Deep Offset Combination Spanners	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm	
CAT NR. KIT/MOD/15A BOX QTY. 1			
1 pc	Adjustable Wrench	15"	
Set of 8 pcs	Tamper Torx Star Keys	T9, T10, T15, T20, T25, T27, T30, T40	
Set of 9 pcs	Hex Keys with Ball End - Extra Long - Metric	1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm	
1 pc	LED Flashlight with Telescopic Magnetic Pick Up		
1 pc	Professional Ratcheting Torque Wrench	Drive: 1/2"; Torque Range: 40-200 Nm	
CAT NR. KIT/MOD/19A BOX QTY. 1			
12 pcs	Ring Spanner Set	6 × 7, 8 × 9, 10 × 11, 12 × 13, 14 × 15, 16 × 17, 18 × 19, 20 × 22, 21 × 23, 24 × 27, 25 × 28, 30 × 32 mm	

CAT NR. KIT/MOD/35A BOX QTY. 1			
1 pc	1/2" Slim Line Ratchet Handle		
5 pcs	1/2" Hex Sockets - Deep	10, 14, 17, 19, 21 mm	
6 pcs	1/2" Spline Bit Socket	55 mm length: M6, M8, M10; 100 mm length: M8, M10, M12	
9 pcs	1/2" Torx Bit Socket	T20, T25, T27, T30, T40, T45, T50, T55, T60	
8 pcs	1/2" Hex Bit Socket	5, 6, 7, 8, 10, 12, 14, 17 mm	
1 pc	Professional Ratcheting Torque Wrench	Drive: 1/2"; Torque Range: 40-200 Nm	

CAT NR. KIT/MOD/37A BOX QTY. 1			
22 pcs	1/2" Hex Sockets	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	
21 pcs	1/2" Hex Sockets - Deep	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 32 mm	
1 pc	1/2" Sliding T Handle		
1 pc	Professional Ratcheting Torque Wrench	Drive: 1/2", Torque Range: 40-200 Nm	
1 pc	1/2" Universal Joint		
2 pcs	1/2" Spark Plug Sockets	16 mm & 21 mm	
1 pc	1/2" Slim Line Ratchet Handle		
2 pcs	1/2" Extension Bars	5" & 10"	
2 pcs	Socket Adaptors	1/2 F x 3/4 M, 1/2 F x 3/8 M	

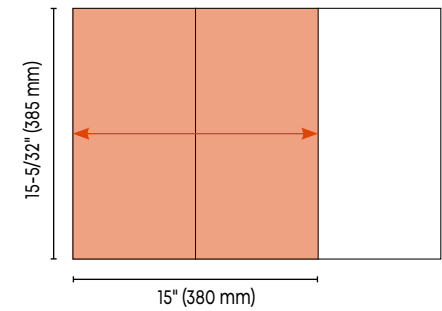
CAT NR. KIT/MOD/40A BOX QTY. 1			
1 pc	Side Cutting Plier	7" (175 mm)	
1 pc	Long nose Plier	7" (175 mm)	
1 pc	Combination Plier	8" (200 mm)	
1 pc	Water Pump Plier	10" (250 mm)	
6 pcs	Flat Screwdrivers - Hex Shank	3 x 75, 4 x 100, 6.5 x 100, 6.5 x 150, 6.5 x 38, 8 x 150	
4 pcs	Phillips Screwdrivers - Hex Shank	PH1 x 75, PH2 x 100, PH2 x 38, PH3 x 150	

CAT NR. KIT/MOD/41A BOX QTY. 1			
22 pcs	1/2" Hex Sockets	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	
1 pc	1/2" Slim Line Ratchet Handle		
1 pc	1/2" Sliding T Handle		
2 pcs	1/2" Extension Bars	5" & 10"	
1 pc	1/2" Universal Joint		
21 pcs	1/2" Hex Sockets - Deep	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 32 mm	
6 pcs	1/2" Spline Bit Sockets	55 mm length: M6, M8, M10; 100 mm length: M8, M10, M12	
9 pcs	1/2" Torx Bit Sockets	T20, T25, T27, T30, T40, T45, T50, T55, T60	
8 pcs	1/2" Hex Bit Sockets	5, 6, 7, 8, 10, 12, 14, 17 mm	

CAT NR. KIT/MOD/42A BOX QTY. 1			
1 pc	Water Pump Plier	10" (250 mm)	
1 pc	Side Cutting Plier	7" (175 mm)	
1 pc	Long Nose Plier	7" (175 mm)	
1 pc	Combination Plier	8" (200 mm)	
1 pc	Self Locking Plier	10" (250 mm)	
1 pc	Circlip Plier - Bent External	7" (175 mm)	
1 pc	Circlip Plier - Bent Internal	7" (175 mm)	
1 pc	Circlip Plier - Straight External	7" (175 mm)	
1 pc	Circlip Plier - Straight Internal	7" (175 mm)	
1 pc	End Nipper	6" (150 mm)	
1 pc	Retra Knife		

CAT NR. KIT/MOD/45A BOX QTY. 1			
4 pcs	Pin Punch Round Shank 4" (100 mm)	1/16, 1/8, 5/32, 3/16	
1 pc	Adjustable Wrench	10" (250 mm)	
1 pc	Water Pump Plier	10" (250 mm)	
1 pc	Self Locking Plier	10" (250 mm)	
1 pc	Double Face Mallet	25 mm	
1 pc	Ball Pein Hammer	Head Weight: 24 oz., Handle Length: 14 "	
1 pc	Cold Chisel	Blade Width - 1"(25 mm), Overall Length - 10"(250 mm)	
1 pc	Cat Bar	16"	
1 pc	Hacksaw Frame	12" with Bi-metal Blade	
1 pc	Retra Knife		

SERIES B - 2/3 Size



CAT NR. KIT/MOD/1B BOX QTY. 1			
22 pcs	1/2" Hex Sockets	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	
1 pc	1/2" Sliding T Bar		
2 pcs	1/2" Spark Plug Sockets	16 mm & 21 mm	
1 pc	1/2" Slim Line Ratchet Handle		
2 pcs	1/2" Extension Bars	5" & 10"	
1 pc	1/2" Universal Joint		
2 pcs	Socket Adaptors	1/2 F x 3/4 M, 1/2 F x 3/8 M	
1 pc	1/2" Flex Handle / Power Bar		

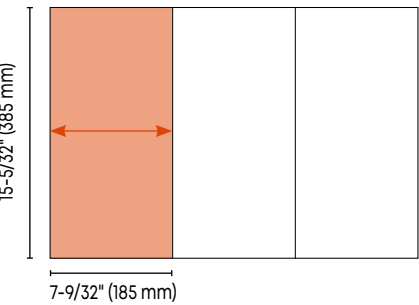
CAT NR. KIT/MOD/9B BOX QTY. 1			
6 pcs	Flat Screwdrivers - Round Shank	3 x 75, 4 x 100, 6.5 x 100, 6.5 x 150, 6.5 x 38, 8 x 150	
4 pcs	Phillips Screwdrivers - Round Shank	PH1 x 75, PH2 x 100, PH2 x 38, PH3 x 150	

CAT NR. KIT/MOD/14B BOX QTY. 1			
Set of 9 pcs	Hex Keys with Ball End - Extra Long - Metric	1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm	
12 pcs	Double Open Ended Spanners	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27, 25 x 28, 30 x 32 mm	
5 pcs	Pin Punches - Heavy Duty	2.5, 3, 4, 5, 6 mm	
1 pc	Center Punch	6 mm	

CAT NR. KIT/MOD/16B BOX QTY. 1			
19 pcs	Deep Offset Combination Spanners	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm	
CAT NR. KIT/MOD/25B BOX QTY. 1			
19 pcs	Deep Offset Combination Spanners	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm	
1 pc	Self Locking Plier	10" (250 mm)	
Set of 7 pcs	Hex Keys With Ball End - Long - Metric	2.5, 3, 4, 5, 6, 8, 10 mm	
CAT NR. KIT/MOD/34B BOX QTY. 1			
1 pc	Side Cutting Plier	7" (175 mm)	
1 pc	Long Nose Plier	8" (200 mm)	
1 pc	Combination Plier	8" (200 mm)	
1 pc	Water Pump Plier	10" (250 mm)	
CAT NR. KIT/MOD/36B BOX QTY. 1			
21 pcs	1/2" Hex Sockets - Deep	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 32 mm	
1 pc	1/2" Slim Line Ratchet Handle		
CAT NR. KIT/MOD/38B BOX QTY. 1			
13 pcs	1/4" Hex Sockets	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm	
7 pcs	1/4" Hex Bit Sockets	3, 4, 5, 6, 7, 8, 10 mm	
3 pcs	1/4" Slotted Bit Sockets	4, 5.5, 7 mm	
3 pcs	1/4" Philips bit Sockets	PH1, PH2, PH3	
3 pcs	1/4" Pozi bit Sockets	PZ1, PZ2, PZ3	
8 pcs	1/4" Torx Bit Sockets	T8, T10, T15, T20, T25, T27, T30, T40	
1 pc	1/4" Slim Line Ratchet Handle		
2 pcs	1/4" Extension Bars	2" & 4"	
1 pc	1/4" Spinner Handle		
1 pc	1/4" Sliding T Bar		
1 pc	1/4" Universal Joint		
22 pcs	1/2" Hex Sockets	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	
1 pc	1/2" Slim Line Ratchet Handle		
2 pcs	1/2" Extension Bars	5" & 10 "	
2 pcs	1/2" Spark Plug Sockets	16 mm & 21 mm	
1 pc	1/2" Sliding T Handle		
2 pcs	Socket Adaptors	1/2 F x 3/4 M, 1/2 F x 3/8 M	
1 pc	1/2" Universal Joint		
Set of 9 pcs	Hex Keys with Ball End - Extra Long - Metric	1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm	

CAT NR. KIT/MOD/39B BOX QTY. 1			
22 pcs	1/2" Hex Sockets	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	
1 pc	1/2" Slim Line Ratchet Handle		
1 pc	1/2" Universal Joint		
1 pc	1/2" Sliding T Handle		
2 pcs	1/2" Extension Bars	5" & 10"	
2 pcs	1/2" Spark Plug Sockets	16 mm & 21 mm	
17 pcs	3/8" Hex Sockets	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm	
2 pcs	3/8" Extension Bars	3" & 6"	
1 pc	3/8" Sliding T Handle		
1 pc	3/8" Universal Joint		
2 pcs	Socket Adaptors	1/2 F x 3/4 M, 3/8 F x 1/4 M	

SERIES C - 1/3 Size



CAT NR. KIT/MOD/2C BOX QTY. 1			
Set of 7 pcs	Hex Keys With Ball End - Long - Metric	2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10.0 mm	
1 pc	Self Locking Plier	10" (250 mm)	

CAT NR. KIT/MOD/3C BOX QTY.1		
1 pc	Circlip Plier - Bent External	6" (150 mm)
1 pc	Circlip Plier - Bent Internal	6" (150 mm)
1 pc	Circlip Plier - Straight External	6" (150 mm)
1 pc	Circlip Plier - Straight Internal	6" (150 mm)



CAT NR. KIT/MOD/4C BOX QTY. 1			
1 pc	Water Pump Plier	10" (250 mm)	
1 pc	Self Locking Plier	10" (250 mm)	

CAT NR. KIT/MOD/6C BOX QTY. 1			
1 pc	Circlip Plier - Bent External	7" (175 mm)	
1 pc	Circlip Plier - Bent Internal	7" (175 mm)	
1 pc	Circlip Plier - Straight External	7" (175 mm)	
1 pc	Circlip Plier - Straight Internal	7" (175 mm)	

CAT NR. KIT/MOD/8C BOX QTY. 1			
13 pcs	1/4" Hex Sockets	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm	
7 pcs	1/4" Hex Bit Sockets	3, 4, 5, 6, 7, 8, 10 mm	
3 pcs	1/4" Slotted Bit Sockets	4, 5.5, 7 mm	
3 pcs	1/4" Philips Bit Sockets	PH1, PH2, PH3	
3 pcs	1/4" Pozl Bit Sockets	PZ1, PZ2, PZ3	
8 pcs	1/4" Torx Bit Sockets	T8, T10, T15, T20, T25, T27, T30, T40	
9 pcs	1/4" Hex Sockets - Deep	5, 6, 7, 8, 9, 10, 11, 12, 13 mm	
1 pc	1/4" Slim Line Ratchet Handle		
3 pcs	1/4" Extension Bars	2", 4", 6"	
1 pc	1/4" Spinner Handle		
1 pc	1/4" Sliding T Bar		
1 pc	1/4" Universal Joint		

CAT NR. KIT/MOD/12C BOX QTY. 1			
12 pcs	Double Open Ended Spanners	6 × 7, 8 × 9, 10 × 11, 12 × 13, 14 × 15, 16 × 17, 18 × 19, 20 × 22, 21 × 23, 24 × 27, 25 × 28, 30 × 32 mm	

CAT NR. KIT/MOD/17C BOX QTY. 1			
1 pc	Side Cutting Plier	7" (175 mm)	
1 pc	Long Nose Plier	7" (175 mm)	
1 pc	Combination Plier	8" (200 mm)	

CAT NR. KIT/MOD/18C BOX QTY. 1			
Set of 9 pcs	Hex Keys with Ball End - Extra Long - Metric	1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm	
1 pc	Adjustable Wrench	10"	
1 pc	Rust Preventive Lubricant Spray - GO20	300 gms	
1 pc	Feeler Gauge	20 leaves, 150 mm	

CAT NR. KIT/MOD/21C BOX QTY. 1			
1 pc	1/2" L Handle		
1 pc	1/2" Slim Line Ratchet Handle		
5 pcs	1/2" Hex Sockets - Deep	10, 14, 17, 19, 22 mm	

CAT NR. KIT/MOD/22C BOX QTY. 1			
2 pcs	Flat Screwdrivers	6.5 × 100, 8 × 150	
2 pcs	Phillips Screwdrivers	PH1 × 75, PH2 × 100	

CAT NR. KIT/MOD/23C BOX QTY. 1			
22 pcs	1/2" Hex Sockets	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	
1 pc	1/2" Slim Line Ratchet Handle		

CAT NR. KIT/MOD/24C BOX QTY. 1			
1 pc	1/2" Sliding T Handle		
2 pcs	1/2" Extension Bars	5" & 10"	
1 pc	1/2" Universal Joint		
1 pc	1/2" Flex Handle / Power Bar		

CAT NR. KIT/MOD/26C BOX QTY. 1			
4 pcs	Flat Screwdrivers	3 × 75, 4 × 100, 6.5 × 100, 8 × 150	
2 pcs	Phillips Screwdrivers	PH2 × 100, PH3 × 150	
CAT NR. KIT/MOD/27C BOX QTY. 1			
1 pc	Side Cutting Plier	8" (200 mm)	
1 pc	Long Nose Plier	8" (200 mm)	
1 pc	Combination Plier	8" (200 mm)	
CAT NR. KIT/MOD/28C BOX QTY. 1			
5 pcs	Flat Screwdrivers - Round Shank	3 × 75, 4 × 100, 6.5 × 100, 6.5 × 150, 8 × 150	
CAT NR. KIT/MOD/29C BOX QTY. 1			
1 pc	Flat Screwdriver - Hex Shank	6.5 × 38	
4 pcs	Phillips Screwdrivers - Round Shank	PH1 × 75, PH2 × 38, PH2 × 100, PH3 × 150	
CAT NR. KIT/MOD/30C BOX QTY. 1			
8 pcs	Ring Spanner Set	6 × 7, 8 × 9, 10 × 11, 12 × 13, 14 × 15, 16 × 17, 18 × 19, 20 × 22 mm	

CAT NR. KIT/MOD/31C BOX QTY. 1			
22 pcs	1/2" Hex Sockets	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	
1 pc	1/2" Slim Line Ratchet Handle		
2 pcs	1/2" Extension Bars	5" & 10"	
1 pc	1/2" Universal Joint		
1 pc	1/2" Sliding T Bar		
CAT NR. KIT/MOD/32C BOX QTY. 1			
1 pc	Adjustable Wrench	10"	
1 pc	Water Pump Plier	10" (250 mm)	
1 pc	Tape Measure	Length - 5m, Width - 19 mm	
CAT NR. KIT/MOD/33C BOX QTY. 1			
1 pc	Ball Pein Hickory Wood Handle Hammer	Handle Length - 16"	
4 pcs	Pin Punches	1.5, 3, 4, 5 mm	
3 pcs	Octagonal Cold Chisels	Blade Width - 6 mm, Overall Length - 100, 125, 150 mm	
1 pc	Double Face Plastic Mallet	25 mm	

28

Cantilever
Tool Box with Tools

84 pcs tool assortment in metric sizes
for use in automotive workshops &
service stations

Tool box manufactured from heave
gauge steel sheet

Rugged construction to withstand
repeated use in tough conditions



MTB/5/84/AU
84 Piece Mechanic's Tools Kit

QTY.	CONTENT	SIZE
1 Set	Hexagon Key Set (set of 9 pcs)	With Ball End - Extra Long - Metric - 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm
12 pcs	Double Open End Spanner Set	6 × 7, 8 × 9, 10 × 11, 12 × 13, 14 × 15, 16 × 17, 18 × 19, 20 × 22, 21 × 23, 24 × 27, 25 × 28, 30 × 32
12 pcs	Ring Spanner Set	6 × 7, 8 × 9, 10 × 11, 12 × 13, 14 × 15, 16 × 17, 18 × 19, 20 × 22, 21 × 23, 24 × 27, 25 × 28, 30 × 32
4 pcs	Pin Punch Set	1.5, 2.5, 3, 4 mm
2 pcs	Flat Screwdriver	6.5 × 125 mm; 8 × 150 mm
2 pcs	Philips Screwdriver	1 × 80 mm; 2 × 100 mm
1 pc	Side Cutting Plier	7" (175 mm)
1 pc	Long Nose Plier	7" (175 mm)
1 pc	Combination Plier	8" (200 mm)
1 pc	Circlip Plier - Bent External	6" (150 mm)
1 pc	Circlip Plier - Bent Internal	6" (150 mm)
1 pc	Circlip Plier - Straight External	6" (150 mm)
1 pc	Circlip Plier - Straight Internal	6" (150 mm)
1 pc	Ball Pein Hammer	Head weight - 24 oz., Handle length - 14"
1 pc	Plastic Mallet	25 mm

ORDERING INFORMATION

CAT NR.	BOX QTY.
MTB/5/84/AU	1
MTB/5/64/AU	1

64 pcs tool assortment in metric sizes
for use in automotive workshops &
service stations

Tool box manufactured from heavy
gauge steel sheet

Rugged construction to withstand
repeated use in tough conditions



MTB/5/64/AU
64 Piece Mechanic's Tools Kit

	QTY	CONTENTS OF TRAY	SIZE	IMAGE
TRAY 1	19 pcs	1/2" Sockets	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 26, 27, 28, 30, 32 mm	
	10 pcs	Hexagonal Keys	1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8, 10 mm	
	1 pc	Self Locking Plier	7" (175 mm)	
TRAY 2	1 pcs	Combination Plier	8" (200 mm)	
	1 pc	Long Nose Plier	8" (200 mm)	
	1 pc	Side Cutting Plier	7" (175 mm)	
TRAY 3	17 pcs	Combination Spanners	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm	
	1 pc	Ball Pein Hammer - Wood Handle	16 oz. (453 g)	
	1 pc	1/2" Extension Bar	10" (250 mm)	
	1 pc	1/2" Sliding T-bar	-	
	1 pc	1/2" Universal Joint	-	
TRAY 4	1 pc	Water Pump Plier	10" (250 mm)	
	1 pc	1/2" Ratchet Handle	-	
	1 pc	1/2" Extension Bar	5" (125 mm)	
TRAY 5	6 pcs	Screwdriver	FL4 × 100 mm, FL6 × 100 mm, FL8 × 150 mm, PH1 × 75 mm, PH2 × 100 mm, PH3 × 150 mm	

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5 Tray Cantilever Tool Box

MTB-5



General purpose cantilever tool box

Manufactured from heavy gauge steel sheet

Corrosion resistant powder coated finish

Full spread cantilever mechanism gives quick & easy access to all stored parts

Trays open automatically when handle is depressed & close when lifted

Lid incorporates provision for padlock

Load Capacity: 35 kg

Also available with 4 wheel trolley made from heavy gauge steel sheet. Heavy duty castors for convenient movement in the workshop/ garage



MTB/5

MTB/5T

Full spread cantilever mechanism



ORDERING INFORMATION

CAT NR.	DESCRIPTION	TOOL BOX DIMENSIONS		BOX QTY.
		(INCH)	(MM)	
MTB/5	Tool Box	17-5/16 x 7-7/8 x 7-7/8	440 x 200 x 200	1
MTB/5T	Tool Box with Trolley			1
BDL/MTB/5	Trolley only			1

30

Aluminium Tool Box

MTB-5AL

- ✓

Ultra Safe
- ✓

Ultra Light
- ✓

Super Strong
- ✓

Weather Proof
- ✓

Rust Proof
- ✓

Dent Proof
- ✓

Theft Proof

Full aluminium die cast construction super light yet strong and sturdy

No spot welds

No over lapping compartments

Full spread visibility

Cast-In lid hinges with non-removable pins

Extra large size for holding a whole lot of tools

Attractive powder coated finish

Lockable: Keeps contents safe



SPECIFICATIONS

LOAD BEARING CAPACITY	50 KG	110 LBS
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CAT NR.	ORD NR.	DIMENSIONS		WEIGHT (KG)	BOX QTY.
		(INCH)	(MM)		
MTB/5/AL	40004	18.1 X 9.45 X 8.66	460 X 240 X 220	6.7	1

*Tools not included

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Aluminium Tool Box with Tools

Comprehensive Mechanic's Tool Kit comes in an Aluminium Tool Box (MTB/5/AL)

Size of Tool Box

18.1" x 9.45" x 8.66"

(460 x 240 x 220 mm)

Ideal for general purpose repair use in automotive workshops, garages & service centres

Heavy duty die cast aluminium tool box for increased durability



	QTY	CONTENTS OF TRAY	SIZE	IMAGE
TRAY 1	2 pcs	Philips Screwdriver	Ph 2 x 38 mm, Ph 3 x 150 mm	
	3 pcs	Slotted Screwdriver	6.5 x 38 mm, 3 x 75 mm, 6.5 x 150 mm	
TRAY 2	2 pcs	1/2" Extension Bars	125 & 250 mm (5" & 10")	
	1 pc	1/2" Universal Joint		
	1 pc	1/2" Sliding T Bar		
	1 pc	Heavy Duty Pin Punch	1/4" (6 mm)	
	1 pc	Ball Pein Hammer - Hickory Wood	16 oz. (456 gms)	
TRAY 3	18 pcs	Deep Offset Combination Spanners	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm	
	Set of 7 pc	Hex Key Set with Ball End - Long - Metric	2.5, 3, 4, 5, 6, 8, 10 mm	
	1 pc	Locking Plier	250 mm (10")	
TRAY 4	20 pcs	1/2" Hex Sockets	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm	
	1 pc	1/2" Ratchet Handle		
	2 pcs	1/2" Spark Plug Socket	16 & 21 mm	
TRAY 5	2 pcs	Philips Screwdriver	Ph 1 x 75 mm, Ph 2 x 100 mm	
	3 pcs	Slotted Screwdriver	4 x 100 mm, 6.5 x 100 mm, 8 x 150 mm	

ORDERING INFORMATION

CAT NR.	BOX QTY.
MTB/5AL/66/AU	1

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Ratcheting Torque Wrenches

TQW-RT

High Accuracy Torque Wrench with unmatched safety & accuracy

48 teeth ratchet for an engagement angle of 7-1/2°. Ideal for both precise adjustment & non slip use

Chrome-Molybdenum alloy Steel Square Drive

Fully secure locking mechanism avoids accidental/forced adjustment

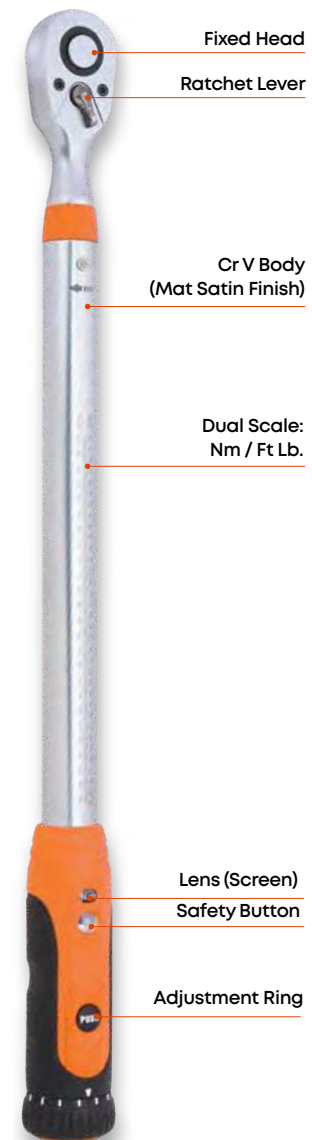
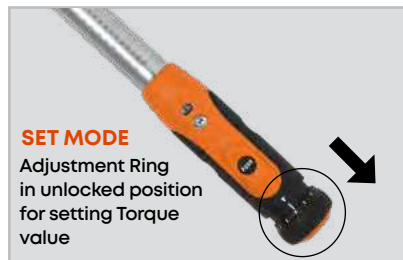
To tighten move torque wrench in clockwise direction. Reversing the ratchet allows the wrench to be used for loosening nuts & fasteners

Clearly audible click sound on reaching the required torque

Comes with calibration certificate

Fully serviceable, repair kits available as spare

Accurate to $\pm 4\%$



ORDERING INFORMATION

CAT NR.	SQUARE DRIVE	TORQUE RANGE	FINE SCALE	OVERALL LENGTH		NET WT.	BOX QTY.
	(INCH)			(INCH)	(MM)		
TQW/RT/3-8/25	3/8	5-25	0.1	12.7	323	0.765	1
TQW/RT/3-8/50	3/8	10-50	0.5	15.7	400	0.983	1
TQW/RT/1-2/100	1/2	20-100	0.5	15.7	400	0.998	1
TQW/RT/1-2/200	1/2	40-200	0.5	20.4	517	1.36	1
TQW/RT/1-2/340	1/2	60-340	1	24.4	620	1.73	1
TQW/RT/3-4/750	3/4	150-750	2.5	47.6	1210	5.85	1
TQW/RT/0-1/1000	1	200-1000	2.5	59.0	1500	7.43	1



SCAN TO WATCH

Superior digital torque wrenches for high productivity & accuracy

Button controls for

- angle setting*
- torque setting
- unit setting
- mode setting
- data storage**
- data clearance
- data output
- online calibration

Construction

Chrome Vanadium Steel with Chrome Molybdenum square drive for increased resistance to wear

Functions in both clockwise & anticlockwise direction

Interchangeable Head

Same wrench is suitable for use with two square drives. Heads available as spare too

Light & sound indication on reaching required torque

Electronic display panel for clear reading of torque. Measure in NM, ft-lb, inch-lb & kg-cm

Built-in overload indicator and moisture indicator

Works with 2xAA batteries with a life of 110 hours

Each unit supplied with calibration certificate. Online calibration also provided

Torque accuracy: $\pm 2\%$ CW, $\pm 3\%$ CCW

Angle accuracy: $\pm 2^\circ$

Comes in a safe to store and carry blow moulded case

Available in 3 types

- Standard Series
- Pro Series
- Pro+ Series

ORDERING INFORMATION

CAT NR.	SIZE (MM)	DRIVE (INCH)	FOR USE WITH	BOX QTY.
SPARE HEAD ONLY				
HD/TQW/9-12/3-8	9 x 12	3/8	TQW/DI-AM/3-8/135, TQW/DI-M/3-8/135, TQW/DI/3-8/135	1
HD/TQW/9-12/1-2	9 x 12	1/2	TQW/DI-AM/1-2/135, TQW/DI-M/1-2/135, TQW/DI/1-2/135	1
HD/TQW/14-18/1-2	14 x 18	1/2	TQW/DI-AM/1-2/340, TQW/DI-M/1-2/340, TQW/DI/1-2/340	1
HD/TQW/14-18/3-4	14 x 18	3/4	TQW/DI-AM/3-4/340, TQW/DI-M/3-4/340, TQW/DI/3-4/340	1

* Only on PRO+ Series
** Only on PRO & PRO+ Series



SCAN TO WATCH



Interchangeable Head



LED Panel turns from green to red on reaching required torque level



12 LED light panel located on sides of the handle for clear visibility while working sideways

PRO+ SERIES

A. STANDARD SERIES

- With interchangeable head and 4 control buttons

Resolution:

0.1N-m/ 0.1 ft-lb/1 in-lb/1 kg-cm

LED Pattern:

4 red + 8 green

CAT NR.	SQUARE DRIVE	TORQUE RANGE				TORQUE ACCURACY	END FITTING SIZE (HXW)	BOX QTY.
	(INCH)	(NM)	(FT-LB)	(IN-LB)	(KG-CM)		(MM)	
TQW/DI/3-8/135	3/8	6.8 ~ 135	5 ~ 99.5	60 ~ 1195	69 ~ 1378	± 2% CW, ± 3% CCW	9 X 12	1
TQW/DI/1-2/135	1/2	6.8 ~ 135	5 ~ 99.5	60 ~ 1195	69 ~ 1378		9 X 12	1
TQW/DI/1-2/200	1/2	10 ~ 200	7.4 ~ 147.5	88 ~ 1770	102 ~ 2041		14 X 18	1
TQW/DI/1-2/340	1/2	17 ~ 340	12.5 ~ 250.7	150 ~ 3009	173 ~ 3469		14 X 18	1
TQW/DI/3-4/340	3/4	17 ~ 340	12.5 ~ 250.7	150 ~ 3009	173 ~ 3469		14 X 18	1

B. PRO SERIES (WITH MEMORY FUNCTION)

- With interchangeable head, memory function that can store up to 50 readings
- Operator can store up to 9 pre-set torque values - a time saving feature in repetitive applications

Resolution:

0.1N-m/ 0.1 ft-lb/1 in-lb/1 kg-cm

LED Pattern:

2 red + 10 green

CAT NR.	SQUARE DRIVE	TORQUE RANGE				TORQUE ACCURACY	END FITTING SIZE (HXW)	BOX QTY.
	(INCH)	(NM)	(FT-LB)	(IN-LB)	(KG-CM)		(MM)	
TQW/DI-M/3-8/135	3/8	6.8 ~ 135	5 ~ 99.5	60 ~ 1195	69 ~ 1378	± 2% CW, ± 3% CCW	9 X 12	1
TQW/DI-M/1-2/135	1/2	6.8 ~ 135	5 ~ 99.5	60 ~ 1195	69 ~ 1378		9 X 12	1
TQW/DI-M/1-2/200	1/2	10 ~ 200	7.4 ~ 147.5	88 ~ 1770	102 ~ 2041		14 X 18	1
TQW/DI-M/1-2/340	1/2	17 ~ 340	12.5 ~ 250.7	150 ~ 3009	173 ~ 3469		14 X 18	1
TQW/DI-M/3-4/340	3/4	17 ~ 340	12.5 ~ 250.7	150 ~ 3009	173 ~ 3469		14 X 18	1

C. PRO+ SERIES (WITH MEMORY & ANGLE FUNCTION)

- Most versatile single wrench for torque & angle tightening, eliminates the need to buy a separate angle wrench
- Angle tightening eliminates any friction issue thus ensuring complete safety
- Store up to 9 pre-set torque values - a time saving feature in repetitive applications
- Memory function that stores upto 50 readings

Resolution:

0.1N-m/ 0.1-lb/1 in-lb/1 kg-cm & 1°

LED Pattern:

2 red + 10 green

ORDERING INFORMATION

CAT NR.	SQUARE DRIVE	TORQUE RANGE				TORQUE & ANGULAR ACCURACY	END FITTING SIZE (HXW)	BOX QTY.
	(INCH)	(NM)	(FT-LB)	(IN-LB)	(KG-CM)		(MM)	
TQW/DI-AM/3-8/135	3/8	6.8 ~ 135	5 ~ 99.5	60 ~ 1195	69 ~ 1378	± 2% CW, ± 3% CCW & ± 2°	9 X 12	1
TQW/DI-AM/1-2/135	1/2	6.8 ~ 135	5 ~ 99.5	60 ~ 1195	69 ~ 1378		9 X 12	1
TQW/DI-AM/1-2/200	1/2	10 ~ 200	7.4 ~ 147.5	88 ~ 1770	102 ~ 2041		14 X 18	1
TQW/DI-AM/1-2/340	1/2	17 ~ 340	12.5 ~ 250.7	150 ~ 3009	173 ~ 3469		14 X 18	1
TQW/DI-AM/3-4/340	3/4	17 ~ 340	12.5 ~ 250.7	150 ~ 3009	173 ~ 3469		14 X 18	1

Manufactured to the highest level of DIN ISO 6789 & ASME B107.14M.-2004

Solid steel construction for enhanced durability

Reversible Square Drive:
Direction of use can be changed/reversed by pushing the square drive to the opposite side

Click sound clearly audible on reaching the required torque

Convenient retracting lever provides quick and easy torque adjustment

Scale reading made easy with four torque readings engraved on the steel body

Comes with calibration certificate

Accurate to $\pm 4\%$

Compact design
For easy access in confined spaces

ASME
B107.300-2010

DIN 6789
For material, hardness & performance

Easy scale reading
Scale reading made easy with 4 Torque readings stamped on the steel body

Convenient Retracting Lever
for quick and easy torque adjustment



Reversible Square Drive



ORDERING INFORMATION

CAT NR.	SQUARE DRIVE	TORQUE RANGE		OVERALL LENGTH		NET WT. (KGS)	BOX QTY.
	(INCH)	(NM)	(FT-LB)	(INCH)	(MM)		
TQW/CL/3-8/33	3/8	5-33	4-24	16-5/8	422	0.720	1
TQW/CL/3-8/68	3/8	12-68	10-50	18-23/32	476	1.05	1
TQW/CL/1-2/135	1/2	25-135	20-100	21-1/2	546	1.60	1
TQW/CL/1-2/225	1/2	50-225	40-160	23-1/2	597	2.30	1
TQW/CL/1-2/330	1/2	70-330	50-250	32-1/2	825	2.60	1
TQW/CL/3-4/800	3/4	200-800	140-600	42-1/8	1070	7.58	1
TQW/CL/0-1/1000	1	200-1000	140-740	55	1400	12.80	1



Comes packed in a blow moulded case

Lightweight yet robust aluminium construction

Perfect ergonomics & lightweight body makes these ideal for fatigue free usage in heavy workshop applications

Accurate to $\pm 3\%$

DIN 6789
For material, hardness & performance

50% LIGHTER

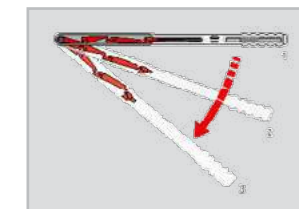
ASME
B107.300-2010



Complete with extension bar* (*only with 1" drive model) for added leverage

Torque Indication
Progressive torque building up to the pre-set value easily detected by an audible sound & impulse

Sturdy Storage
Supplied in rugged blow moulded case for extra safety and protection



Integrated 3 Lever Chain Mechanism
Length independence, high accuracy and reliability every time over time



Length Independent
Irrespective of where the force is applied, whether in the middle of the handle or elsewhere, with both hands or with an extension tube, the torque value is always within an accuracy of $\pm 3\%$



Dual Scale Window
Clear window for reading in NM and lbf-ft*



Torque Adjustment
Secure push-pull knob with integrated hex key for easy setting of torque



Chrome Molybdenum Square Drive: for higher strength and durability



Added Leverage
Supplied with an aluminium tube extension for increased leverage while tightening at high torque values

ORDERING INFORMATION

CAT NR.	SQ DRIVE	TORQUE RANGE		GRADUATION	OVERALL LENGTH		NET WT. (KG)	BOX QTY.
	(INCH)	(NM)	(FT-LB)		(INCH)	(MM)		
TQW/AL/3-4/760	3/4	140-760	100-560	10	32-1/2	827	3.0	1
TQW/AL/0-1/2000	1	750-2000	N/A	50	93	2370	11.7	1

*Only on 3/4". On 1" single window with reading in N-m only

36

Torque Multipliers

TQM

Heavy duty torque multiplier provides mechanical advantage in applying high torque to tighten nuts & bolts

Particularly used for high torque application

Chrome Vanadium construction with Chrome Molybdenum square drive & Chrome Molybdenum reaction bar

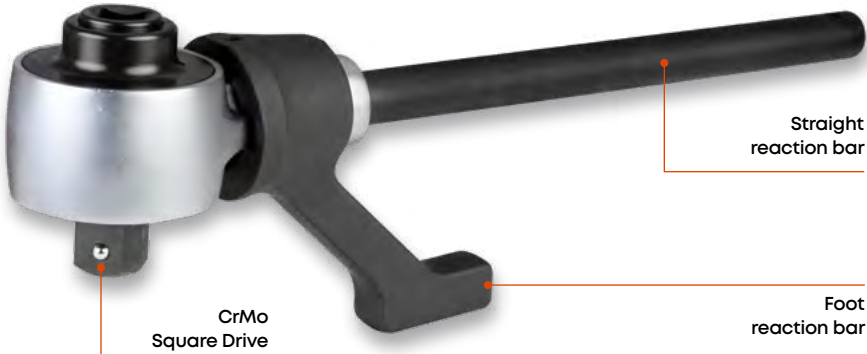
Planetary gear train mechanism multiplies the input torque as per the multiplication factor to deliver the output torque

Torque multiplicative factor reduces operator effort by upto 75%

Replaces the use of long levers, which can be potentially dangerous

Includes breakaway adaptor to prevent damage to the multiplier in case excess torque is applied

Comes complete with straight reaction bar, breakaway adaptor & hex key in a blow moulded case



SPECIFICATIONS

DESCRIPTION	1:6.5 TORQUE MULTIPLIER 1500 NM	1:3.3 TORQUE MULTIPLIER 2500 NM
MAX. TORQUE	1500 (1100 ft-lb)	2500 (1840 ft-lb)
TORQUE RATIO	1 : 6.5	1 : 3.3
GEAR RATIO	1 : 9	1 : 4
MAX. INPUT TORQUE	231 Nm (170 ft-lb)	758 Nm (560 ft-lb)
MAX. OUTPUT TORQUE	1500 Nm (1100 ft-lb)	2500 Nm (1840 ft-lb)
INPUT DRIVE	1/2"	3/4"
OUTPUT DRIVE	3/4"	1"
ACCURACY	± 10%	± 10%

ORDERING INFORMATION

CAT NR.	MAX. TORQUE (NM)	MAX. TORQUE (FT-LB)	BOX QTY.
TQM/A/1-2/3-4/15	1500	1100	1
TQM/A/3-4/0-1/30	3000	2200	1



Torque multiplier used in inaccessible areas



Torque multiplier used for lug nuts



Torque multiplier used on tracks



Torque multiplier used for machine nut tightening

37

Strap Wrench

STW

Aluminium I-beam handle for increase strength

Non marring nylon belt prevents scratching and damage to finished surfaces

Use on plastic or metal pipes & fittings, filters, shafts and irregular shapes.

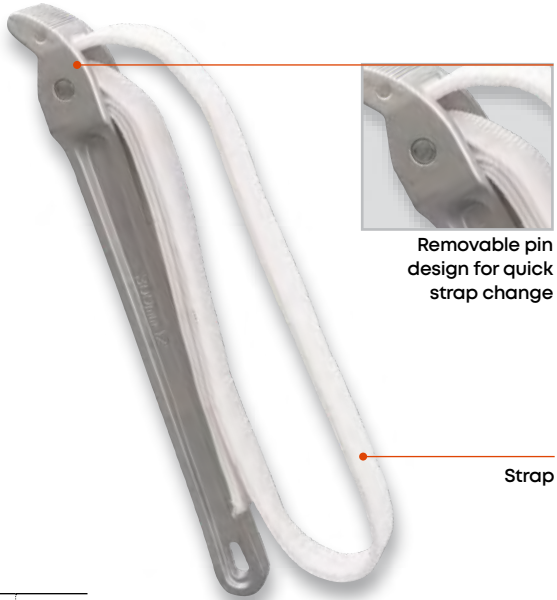
Easily replaceable strap with removable rivets



Used on plastic or metal pipes



Used on irregular shaped objects



Removable pin design for quick strap change

Strap

ORDERING INFORMATION

CAT NR.	HANDLE LENGTH		STRAP LENGTH		STRAP WIDTH		FOR OBJECTS WITH DIA.		BOX QTY.
	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
STW/12G	12	300	36	914	1-1/16	27	7	175	10
STW/18G	18	450	34	864	1-3/4	44	7	175	10

38

Tyre Levers

TLVR

Professional quality straight pattern tyre levers with hook & taper end

Forged from Carbon Steel

Nickel plated for protection against corrosion

Designed to work without damaging the tyre, rim or inner tube



ORDERING INFORMATION

CAT NR.	LENGTH		BOX QTY.
	(INCH)	(MM)	
TLVR/16	16	400	10
TLVR/21	21	530	10
TLVR/24	24	600	10

39

Telescopic Wheel Wrench

WW-TP

Extending wheel nut wrench is designed to loosen out and remove most rusted wheel nuts

Telescopic handle extends from 14" (350 mm) to 22" (550 mm) giving extra leverage for ease of use

Manufactured from alloy steel, with premium powder coated finish. Fitted with TPR handle for comfort in use

Comes with two 1/2" square drive dual side sockets; 17x19 mm & 19x23 mm to cover almost every automotive application



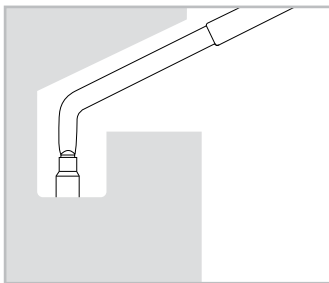
NEW!



Two dual side sockets
17x19 mm & 19x23 mm



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



Convenient access in difficult to reach areas

ORDERING INFORMATION

CAT NR.	LENGTH-COMPACT (L1)		LENGTH-EXTENDED (L2)		BOX QTY.
	(INCH)	(MM)	(INCH)	(MM)	
WW/TP/17-23/ST	14-2/5	365	20-3/5	527	12



SCAN TO WATCH

40

Quick Change Ratcheting Gear Pullers

BPL-RT

CrMo

Quick & convenient to use Gear Pullers

Speed

- a. Quick & convenient conversion from 2 to 3 jaw option
- b. Jaws can also be reversed for internal or external pulling of gears & bearings

Easy Access

Slim profile of jaws enables convenient access to hard to reach bearings & gears

Anti-slip grip

On the jaws for better grip on the bearing

Strength

Jaws forged from Chrome Molybdenum steel with accurate heat treatment for enhanced strength & wear resistance

Jaws are chrome plated with spindle in manganese phosphate finish for protection against corrosion & rust

Versatility

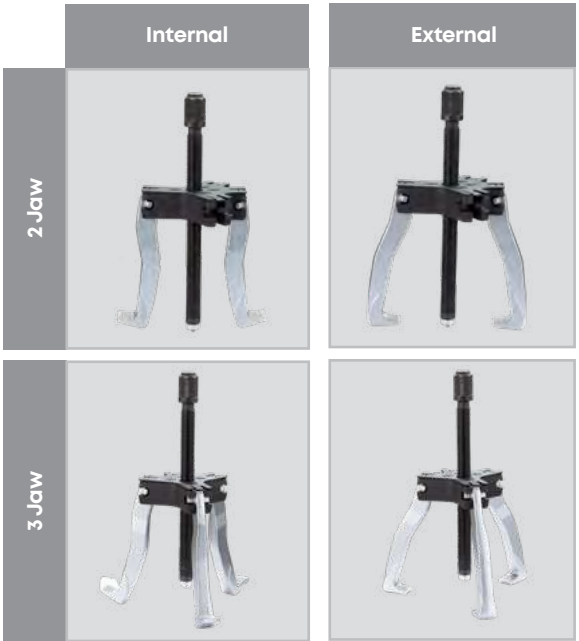
Easily removable jaws for setting to required jaw configuration or internal/external setting

Ratcheting mechanism holds jaws in position while setting puller

Used to pull out gears, pulleys, bearing flanges & fly wheels, shafts and housings



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



Easy switch between 2 Jaw & 3 Jaw options
No extra tools required.

ORDERING INFORMATION

CAT NR.	MAX. REACH		SPREAD		SAFE WORKING LOAD (TON)	BOX QTY.
	(INCH)	(MM)	(INCH)	(MM)		
BPL/RT/2T	3.1	80	2.0 - 3.1	50 - 80	2	1
* BPL/RT/ST	6.0	150	3.9 - 6.0	100 - 150	5	1
BPL/RT/7T	8.6	218	4.9 - 8.6	125 - 218	7	1

* Best Seller

*Note: We also make Hand Bearing Packer for greasing of bearings. Refer to page no. 166



SCAN TO WATCH

41

Gear Pullers

BPL

Forged **Chrome Vanadium** jaws with long & short reach options

Heat treated alloy steel cross bolt & head for maximum strength

Rolled spindle threads for higher strength & smooth movement even under high stress

2 Jaw models are useful for working in compact spaces

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



ORDERING INFORMATION

CAT NR.	MAX. REACH		SPREAD RANGE		SAFE WORKING LOAD	BOX QTY.
	(INCH)	(MM)	(INCH)	(MM)	(TON)	
2 JAW						
BPL/2J/3	3	75	1-7/16	37-75	2	5
★ BPL/2J/4	4	100	2 - 4	50-100	4	5
★ BPL/2J/6	6	150	3 - 6	75-150	6	5
BPL/2J/8	8	200	4 - 8	100-200	10	1
3 JAW						
BPL/3J/3	3	75	1-7/16	37-75	3	5
★ BPL/3J/4	4	100	2 - 4	50-100	6	5
★ BPL/3J/6	6	150	3 - 6	75-150	9	1
BPL/3J/8	8	200	4 - 8	100-200	15	1

★ Best Seller



3 Jaw Puller used for removing tyre hub

42

Hydraulic Bottle Jacks

JACK-BT

Leak-Proof Performance
Welded construction ensures leak proof performance

Higher Stability
Forged steel base plate for higher stability even under high load as compared to jacks with CI base plates

Increased Durability
Internally machined oil passages, smooth bearing surfaces and close tolerances

Machined and polished RAM with die cut threads that reduce wear and tear

Stronger Grip
Knurled heat treated saddle head with non-slip surface gives stronger grip

100% factory tested

50% safety overload factor

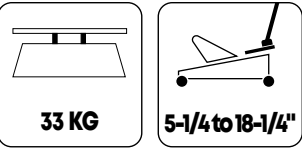
In-built 'Load Limiting Device'
Unique safety feature to ensure that jack is not accidentally used beyond rated capacity

Ideal for use on heavy duty trucks, in agriculture, construction, mining, automotive, and marine applications where lifting, pushing, spreading, bending, pressing, or straightening is required



						
CAT NR.	JACK/BT/2W		JACK/BT/4W		★JACK/BT/12W	
CAPACITY	2 TON	1815 KG	4 TON	3629 KG	12 TON	10886 KG
LIFT RANGE	175 to 339 mm	7 to 13-11/32 inch	190-368 mm	7 7/16 to 14-13/16 inch	230-465 mm	9-1/16 to 18-5/16 inch
APPLICATION	Passenger Cars, Taxi's etc.		Passenger Cars, Pick-Up Trucks, SUV's, MUV's, Vans, LCV's		HCV, Trucks (9-24 ton), Buses	
BOX QTY	1		1		1	
						
CAT NR.	★JACK/BT/20W		JACK/BT/32W		JACK/BT/50W	
CAPACITY	20 TON	18144 KG	32 TON	29030 KG	50 TON	45359 KG
LIFT RANGE	240-450 mm	9-7/16 to 17-11/16 inch	260-420 mm	10-5/16 to 16-9/16 inch	280-450 mm	11 to 17-11/16 inch
APPLICATION	HCV, Trucks (24-40 TON)		Trailers, Dumpers (40-60 TON)		Dumpers (60-120 TON)	
BOX QTY	1		1		1	

★ Best Seller



Construction
Heavy duty steel body for ultimate stability and rigidity

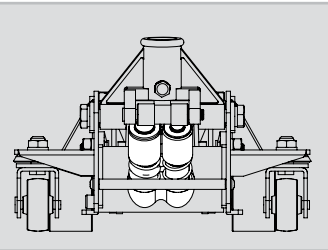
Large, swivelling saddle for convenient positioning. Rubber cushioning on saddle prevents damage to vehicle lift points

Nylon wheels for easy manoeuvrability and positioning

Safety
Universal joint release mechanism for safe and controlled lowering of the jack

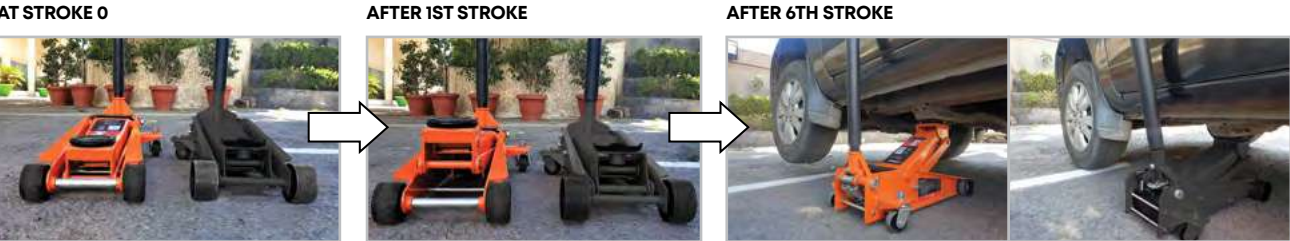
Built-in safety valve protects against overloading of jack @ 120% of rated capacity

Hydraulic oil by-pass system protects ram from being over extended



Quick Start Dual Pump Technology At each stroke before reaching the jacking point, the GROZ Quick Start Hydraulic Floor Jack moves up 3 times more than the standard jack

Comparing the GROZ quick start hydraulic floor jack with a standard floor jack in the market



After the 1st stroke, The GROZ Quick Start Hydraulic Floor Jack moves up 3 times more than the standard jack

In 6 strokes, the GROZ Hydraulic Floor Jack reaches lifting point whereas the standard Floor Jack is still way behind

ORDERING INFORMATION

CAT NR.	DIMENSIONS		BOX QTY.
	(INCH)	(MM)	
JACK/FL/3D	27x 13-1/2x 6-1/8	682x344x155	1



Quick START
3X FASTER
Fast lifting design for quick jumpstart to reach 'lifting point'

Rubber cushion on saddle prevents marring

Cushion on handle prevents damage



SCAN TO WATCH



Professional quality screwdrivers

Chrome Vanadium Construction
For higher torque & wear resistance

Shaft extends into the handle, ensuring full transfer of force

Torque Maximiser Grip
Multi-component injection moulded

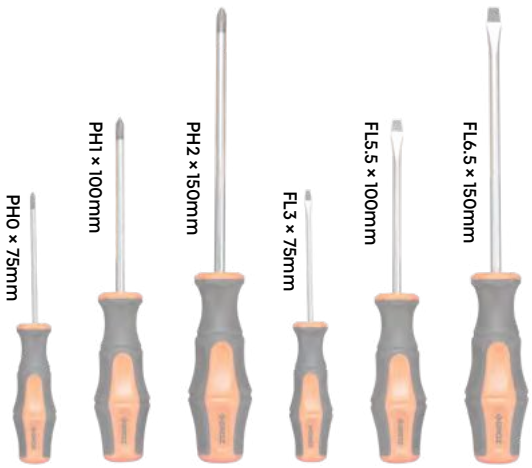
hexagonal grip is non-slip & does not roll away

Magnetised Tip
Accurately hardened tip ensures long lasting durability

Black oxide finish for enhanced corrosion resistance

ORDERING INFORMATION

CAT NR.	TYPE	SIZE		SHAFT LENGTH		BOX QTY.
		(MM)	(INCH)	(MM)	(INCH)	
SCDR/R/FL3/75	—	3	1/8	75	3	10
SCDR/R/FL3/100		3	1/8	100	4	10
SCDR/R/FL4/100		4	5/32	100	4	10
SCDR/R/FL5.5/100		5.5	7/32	100	4	10
SCDR/R/FL5.5/150		5.5	7/32	150	6	10
SCDR/R/FL6.5/38		6.5	1/4	38	1-1/2	10
SCDR/R/FL6.5/100		6.5	1/4	100	4	10
SCDR/R/FL6.5/150		6.5	1/4	150	6	10
SCDR/R/FL6.5/200		6.5	1/4	200	8	10
SCDR/R/FL8/150		8	5/16	150	6	10
SCDR/R/FL8/200		8	5/16	200	8	10
SCDR/R/PH0/75	+	PH0		75	3	10
SCDR/R/PH1/75		PH1		75	3	10
SCDR/R/PH1/100		PH1		100	4	10
SCDR/R/PH2/38		PH2		38	1-1/2	10
SCDR/R/PH2/100		PH2		100	4	10
SCDR/R/PH2/150		PH2		150	6	10
SCDR/R/PH2/200		PH2		200	8	10
SCDR/R/PH3/150		PH3		150	6	10
SCDR/R/PZ1/75		PZ1		75	3	10
SCDR/R/PZ2/100		PZ2		100	4	10
SCDR/R/PZ3/150		PZ3		150	6	10
SCDR/R/T10/100	*	T10		100	4	10
SCDR/R/T15/100		T15		100	4	10
SCDR/R/T20/100		T20		100	4	10
SCDR/R/T25/100		T25		100	4	10
SCDR/R/T30/100		T30		100	4	10
SET						
SCDR/R/6/ST	Flat: 3x75 mm, 5.5 x 100 mm, 6.5 x 150 mm; Phillips: PH0 x 75 mm, PH1 x 100 mm, PH2 x 150 mm;					5



Phillips screwdrivers
Slotted screwdrivers

SCDR/R/6/ST

45

7 pc Insulation Screwdrivers Set

SCDR-VDE



Certified to IEC 60900

Individually forged from Chrome Vanadium Steel, blades are fully hardened & tempered for increased durability & strength

Magnetized tip to hold screws

Bi-material ergonomic handle is impact and abrasion resistant

1000V SAFE
Each tool is tested for dielectric strength under a 10000 volt load to guarantee safe working upto 1000 Volts

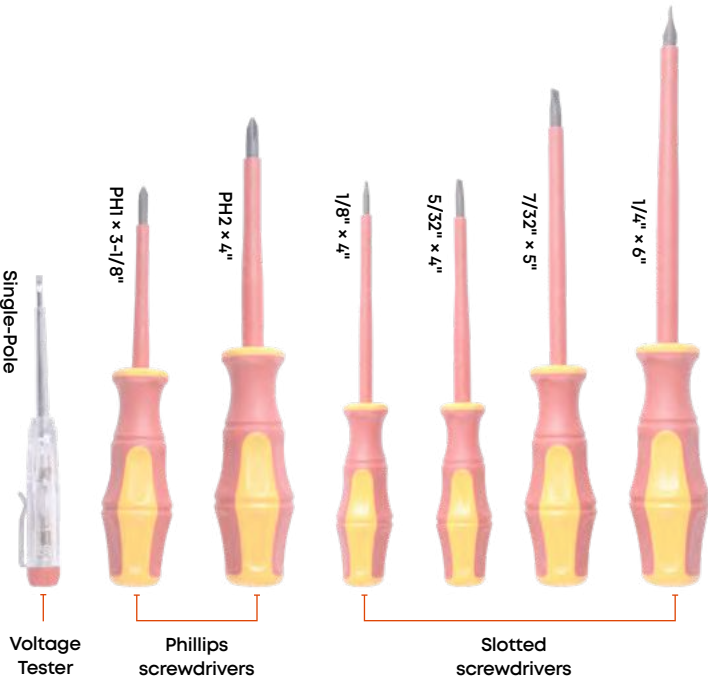
Ideal choice for electricians for use on terminal blocks, control cabinets, switches, relays, sockets etc.



SET INCLUDES				
TYPE	SIZE		SHAFT LENGTH	
	(MM)	(INCH)	(MM)	INCH
SLOTTED				
	6.5	1/4	150	6
	5.5	7/32	125	5
	4	5/32	100	4
	3	1/8	100	4
PHILIPS				
	PH1		80	3-1/8
	PH2		100	4
VOLTAGE TESTER				
110V - 230V Single Pole Voltage Tester				

ORDERING INFORMATION

CAT NR.	BOX QTY.
SCDR/VDE/7/ST	5
VT/110-250	20



SCDR/VDE/7/ST

46

Hexagon Key Sets

ALN

Hexagonal keys are most widely used in automotive workshops, garages & in several industrial applications

GROZ offers a wide range of hex key sets for use by mechanic's and technicians worldwide

These are available in two material types:

S2 STEEL:

Superior S2 steel construction. Hardened and tempered with corrosion resistant bright nickel plating

Hardness: 50-52 HRC



ALN/HX-BL/7L/GRZ
Box Qty: 10

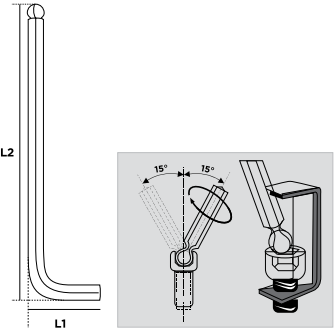
7 Hex Keys With Ball End - Long - Metric

Chamfered hex end for convenience in usage

Ball end permits easy access in tight, hard to reach spaces - upto 30° angle in recess from the screw head



HEX (MM)	L1 (MM)	L2 (MM)
2.5	20	86
3.0	22	91
4.0	27	103
5.0	32	118
6.0	37	139
8.0	43	155
10.0	49	177



ALN/HX-BL/7L/SAE/GRZ
Box Qty: 10

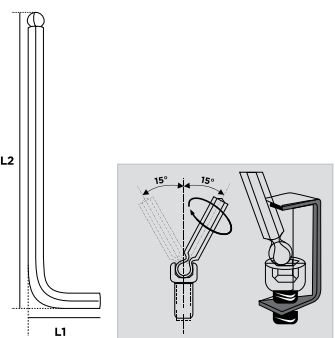
7 Hex Keys with Ball End - Long - SAE

Chamfered hex end for convenience in usage

Ball end permits easy access in tight, hard to reach spaces - upto 30° angle in recess from the screw head



HEX (INCH)	L1 (INCH)	L2 (INCH)
3/32	5/8	2-1/64
1/8	45/64	2-13/64
5/32	53/64	2-33/64
3/16	15/16	2-3/4
1/4	1-1/16	3-3/16
5/16	1-17/64	3-47/64
3/8	1-11/32	4-1/4



ALN/HX-BL/9EL/GRZ
Box Qty: 10

9 Hex Keys with Ball End - Extra Long - Metric

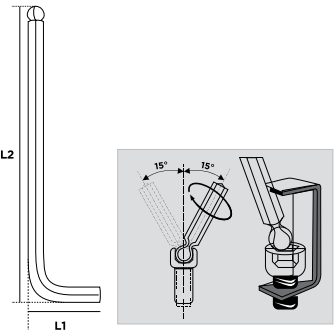
Chamfered hex end for convenience in usage

Ball end permits easy access in tight, hard to reach spaces - upto 30° angle in recess from the screw head

Extra long arm for easy access in confined spaces



HEX (MM)	L1 (MM)	L2 (MM)
1.5	15	91
2.0	17	101
2.5	20	113
3.0	22	127
4.0	27	142
5.0	32	163
6.0	37	184
8.0	43	205
10.0	49	233



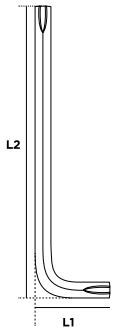
ALN/TX-TX/9L/GRZ
Box Qty: 10

9 Torx Star Keys - Long

Compatible with standard
TORX fixing systems



TORX	L1	L2
	(MM)	(MM)
T10	18	86
T15	20	90
T20	20.5	94
T25	20.5	100
T27	21	105
T30	24	114
T40	26.5	123.5
T45	29.5	132.5
T50	32.5	151

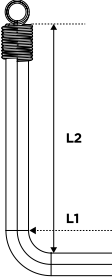


ALN/HX-HX/10/SAE/GRZ
Box Qty: 10

10 Hexagonal Keys - SAE



HEX	L1	L2
(INCH)	(INCH)	(INCH)
1/16	35/64	1-49/64
5/64	19/32	1-57/64
3/32	5/8	2-1/64
1/8	45/64	2-13/64
5/32	53/64	2-33/64
3/16	15/16	2-3/4
7/32	1-1/32	2-61/64
1/4	1-1/16	3-3/16
5/16	1-17/64	3-47/64
3/8	1-11/32	4-1/4



CHROME VANADIUM:

Hardened & tempered with corrosion resistant black oxide finish

Hardness: 50-52 HRC

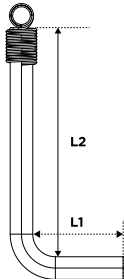


ALN/HX-HX/8/GRZ
Box Qty: 10

8 Hexagonal Keys - Metric



HEX	L1	L2
(MM)	(MM)	(MM)
1.5	14	45
2	15	48
2.5	16	51
3	18	56
4	21	64
5	24	70
5.5	26	75
6	27	81



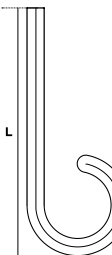
ALN/HX-HX/7/GRZ
Box Qty: 10

7 Hexagonal Keys - Metric

Chamfered end
for convenience
in usage



HEX	LENGTH
(MM)	(MM)
2.5 mm	55
3 mm	60
4 mm	65
5 mm	70
6 mm	80
8 mm	85
10 mm	90

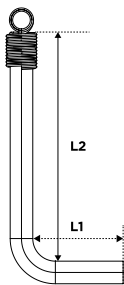


ALN/HX-HX/10/GRZ
Box Qty: 10

10 Hexagonal Keys - Metric



HEX	L1	L2
(MM)	(MM)	(MM)
1.5 mm	14	45
2 mm	15	48
2.5 mm	16	51
3 mm	18	56
4 mm	21	64
5 mm	24	70
5.5 mm	26	75
6 mm	27	81
8 mm	32	95
10 mm	34	108

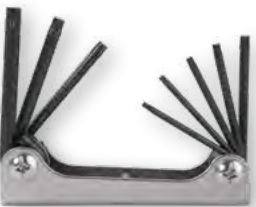


ALN/TX-TX/8/GRZ
Box Qty: 10

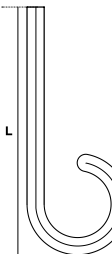
8 Tamper Torx Star Keys

Chamfered end
for convenience
in usage

Compatible with
standard TORX
fixing systems



TAMPER TORX	LENGTH (MM)
T9	58
T10	62
T15	70
T20	72
T25	79
T27	88
T30	91
T40	95





Designed for high torque applications with outstanding performance & durability

72 teeth, strong gear ratcheting ring with 5° arc for smooth movement

Ratcheting mechanism for increased working speed, eliminating the need to remove the spanner after each turn

Narrow and thin head, combined with fine gear tooth design makes the Ratcheting Spanner suitable for working in tight and hard to access areas

Reversible lever to change direction

15° offset at ring end for easy access to fasteners and higher leverage

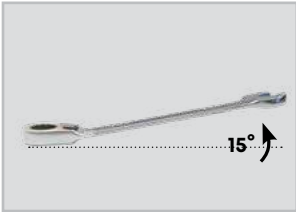
Chrome plated for corrosion protection with ultra premium finish for scratch proof surface



72 Teeth with 5° action arc: Provide extreme high torque for professional users



Reversible Lever: Makes it easy to switch direction



Higher Accessibility: Offset at the ring end with 15° angle for easier access & higher leverage

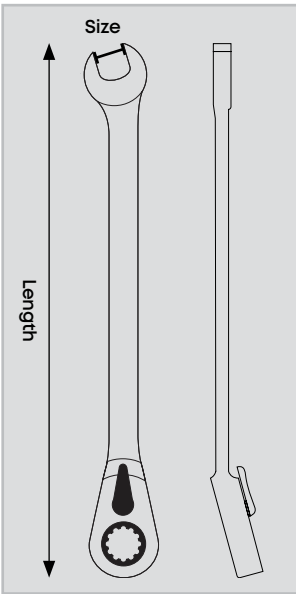


ORDERING INFORMATION

CAT NR.	SIZE (MM)	LENGTH (INCH)	LENGTH (MM)	WEIGHT (GMS)	BOX QTY.
CSP/RRT/8/UG	8	5-1/2	140	40	5
CSP/RRT/10/UG	10	6-5/16	160	55	5
CSP/RRT/12/UG	12	6-11/16	170	80	5
CSP/RRT/13/UG	13	7-3/32	180	95	5
CSP/RRT/14/UG	14	7-1/2	190	110	5
CSP/RRT/17/UG	17	9	225	180	5
CSP/RRT/19/UG	19	9-5/8	245	235	5
SET					
CSS/RRT/7ST/UG	7 pc set: 8, 10, 12, 13, 14, 17, 19 mm				1



CSS/RRT/7ST/UG



Ring spanners have an elliptical pattern & are cold stamped from chrome vanadium (31CrV3) steel

Conforms to DIN 838

Spanners feature super drive broach reducing corner rounding & applying more torque

Fully heat treated to 42-48 HRC for increased work life

Rust proof matte finish

Size laser etched on both ends for easy identification

Available as loose or in sets in metric sizes



DIN 838

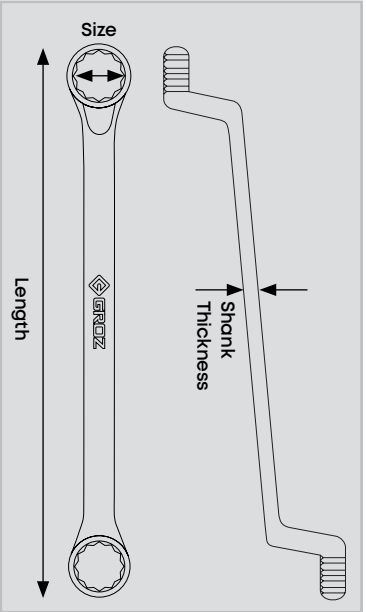


RSS/SF/12/ST

ORDERING INFORMATION

CAT NR.	SIZE	LENGTH		SHANK THICKNESS	WEIGHT	BOX QTY.
	(MM)	(INCH)	(MM)	(MM)	(GMS)	
★ RSP/SF/6-7/S	6 x 7	6 - 7/8	175	4.4	55	10
★ RSP/SF/8-9/S	8 x 9	7 - 9/32	185	4.5	70	10
★ RSP/SF/10-11/S	10 x 11	7 - 13/16	198	5.2	90	10
★ RSP/SF/12-13/S	12 x 13	8 - 7/16	215	5.4	115	10
★ RSP/SF/14-15/S	14 x 15	9	228	5.6	150	10
★ RSP/SF/16-17/S	16 x 17	9 - 11/16	246	6.2	190	10
★ RSP/SF/18-19/S	18 x 19	10 - 9/16	268	6.4	235	10
★ RSP/SF/20-22/S	20 x 22	11 - 1/2	292	6.9	315	5
RSP/SF/21-23/S	21 x 23	12 - 13/32	315	7.1	350	5
RSP/SF/24-27/S	24 x 27	13	328	7.6	450	5
RSP/SF/25-28/S	25 x 28	13 - 7/16	342	7.8	500	3
RSP/SF/30-32/S	30 x 32	14 - 9/16	370	8.8	630	2
SETS						
RSS/SF/12/ST	12 pc Metric Set, 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27, 25 x 28, 30 x 32 mm					5

★ Best Seller





DIN 3110

Conforms to DIN 3110

Cold stamped from chrome vanadium 31 CRV3 Steel

Fully heat treated to 44-48 HRC for increased work life

Elliptical pattern spanners

Rust proof matte finish

Size laser etched on both ends for easy identification

Available as loose or in sets in metric sizes



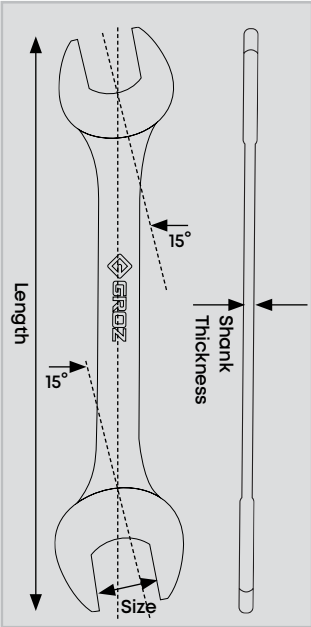
DOSS/SF/12/ST



ORDERING INFORMATION

CAT NR.	SIZE	LENGTH		SHANK THICKNESS	WEIG HT	BOX QTY.
	(MM)	INCH)	(MM)	(MM)	(GMS)	
*DOSP/SF/6-7/S	6 × 7	5	126	2.60	25	10
*DOSP/SF/8-9/S	8 × 9	5 - 19/32	142	2.60	35	10
*DOSP/SF/10-11/S	10 × 11	6 - 3/16	157	3	50	10
*DOSP/SF/12-13/S	12 × 13	6 - 11/16	170	3.3	70	10
*DOSP/SF/14-15/S	14 × 15	7 - 3/8	187	3.6	95	10
*DOSP/SF/16-17/S	16 × 17	8	202	4	120	10
*DOSP/SF/18-19/S	18 × 19	8 - 21/32	220	4	170	10
*DOSP/SF/20-22/S	20 × 22	9 - 1/8	232	4.4	210	10
DOSP/SF/21-23/S	21 × 23	9 - 11/16	246	4.9	250	10
DOSP/SF/24-27/S	24 × 27	10 - 7/16	265	5.3	330	10
DOSP/SF/25-28/S	25 × 28	10 - 27/32	275	5.8	380	10
DOSP/SF/30-32/S	30 × 32	11 - 23/32	298	6.2	480	10
SETS						
DOSS/SF/12/ST	12 pc Metric Set, 6 × 7, 8 × 9, 10 × 11, 12 × 13, 14 × 15, 16 × 17, 18 × 19, 20 × 22, 21 × 23, 24 × 27, 25 × 28, 30 × 32 mm					5

* Best Seller



Forged Chrome Vanadium steel, fully hardened & tempered

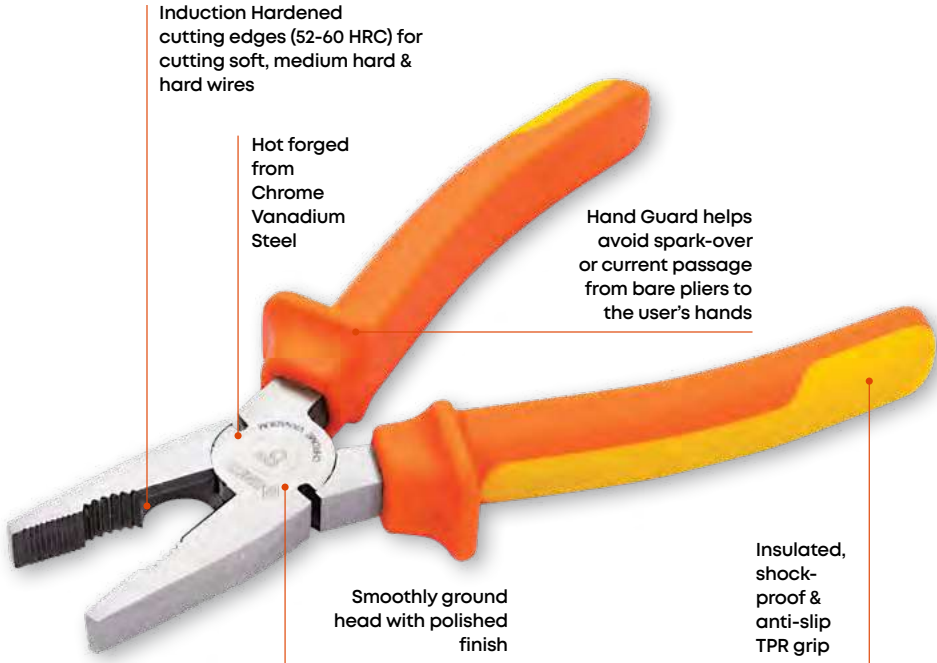
1000V Safe

Tested in accordance with VDE standards & insulated to 1000V AC for live wire working

Heavily insulated, dual colour, ergonomically designed TPR grip is shock-proof & anti-slip making these pliers safest in use

Available in the following types

- a. Combination Pliers**
Most suitable for gripping, bending, straightening, crushing, pulling, stripping insulation, cutting wires etc
- b. Long Nose Pliers**
Most suitable for cutting & gripping wires
- c. Side Cutting Pliers**
Most suitable for cutting wires



Combination Pliers



Long Nose Pliers



Side Cutting Pliers

ORDERING INFORMATION

CAT NR.	LENGTH		BOX QTY.
	(INCH)	(MM)	
COMBINATION PLIERS			
CPL/CV/6	6	150	72
CPL/CV/7	7	175	72
★ CPL/CV/8	8	200	54
LONG NOSE PLIERS			
★ LNP/CV/6	6	150	72
LNP/CV/7	7	175	72
★ LNP/CV/8	8	200	72
SIDE CUTTING PLIERS			
★ SCP/CV/6	6	150	72
SCP/CV/7	7	175	72

* Best Seller

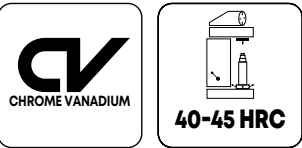
FOR USE WITH



51

Circlip Pliers

CLP-CV



Precise & solid contact tips prevent circlip damage

Soft cushion grip for comfort in use

Fully hardened & tempered

ORDERING INFORMATION

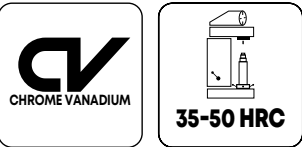
CAT NR.	DESCRIPTION	LENGTH		BOX QTY.
		(INCH)	(MM)	
CLP/ST/E/150	External Straight	6	150	54
CLP/ST/E/175	External Straight	7	175	54
CLP/ST/I/150	Internal Straight	6	150	54
CLP/ST/I/175	Internal Straight	7	175	54
CLP/BND/E/150	External Bent	6	150	54
CLP/BND/E/175	External Bent	7	175	54
CLP/BND/I/150	Internal Bent	6	150	54
CLP/BND/I/175	Internal Bent	7	175	54



52

Water Pump Pliers

WPP-CV



Fully hardened & tempered jaws clamp automatically on pipes & nuts

Ergonomic cushion grip for convenience in use

Serrated jaws set at 45° from the handles. Lower jaw can be moved to 7 position by sliding along a tracking section under the upper jaw.

Used for turning & holding nuts & bolts, gripping irregular shaped objects, holding pipes, objects with large diameter etc

Corrosion resistant black oxide finish

ORDERING INFORMATION

CAT NR.	LENGTH		BOX QTY.
	(INCH)	(MM)	
WPP/BJ/7/CV	7	175	10
★ WPP/BJ/10/CV	10	250	10
★ WPP/BJ/12/CV	12	300	8
WPP/BJ/16/CV	16	400	5

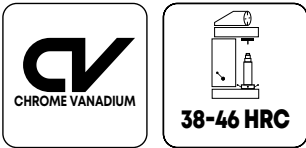
★ Best Seller



53

Adjustable Wrenches

AWR



Adjustable Wrench is a spanner with a jaw of adjustable width. This allows the same wrench to be used with varying sizes of nuts & bolts unlike conventional fixed spanners

The same wrench can be used with both metric & imperial fasteners

Forged from Chrome Vanadium Steel, accurately hardened & tempered

Precision ground jaws for secure grip on fasteners

Ergonomic handle for comfortable grip reducing user fatigue



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

ORDERING INFORMATION

CAT NR.	LENGTH		OPENING		TORQUE (KGF-M)	BOX QTY.
	(INCH)	(MM)	(INCH)	(MM)		
◆ AWR/CV/6	6	150	3/4	19	148	12
AWR/CV/8	8	200	15/16	24	148	10
★ AWR/CV/10	10	250	1	27	245	10
★ AWR/CV/12	12	300	1-5/16	34	392	10

★ Best Seller ◆ New



54

Retra Knife

KNV-R6

KNV-R7

SK2

6-3/4"

OVERALL LENGTH

0.02"

BLADE THICKNESS

Heavy duty Retractable knife for continuous, non-stop usage

Rugged Zinc alloy body for prolonged tool life

SK 2 steel blades are accurately hardened & have superior edge retention to handle tough cutting jobs with ease

Each blade can be used twice. When blunt, simply pull out blade, invert it & re-install. Knife is ready to use again

- Quick Blade change:
1. Simply press quick release button to slide out used blade
 2. Load new blade with a squeeze of the lever

In-built storage compartment that can store up to 6 spare blades (included) gives convenient access to new blades

Ergonomic TPR handle with thumb groove for improved grip & ease of use

Suitable for cutting plastic, rubber, wood, gaskets, cardboard, fibre etc.

Blades available as spares as a pack of 12



KNV/R/6
(Heavy Duty)

QUICK BLADE CHANGE



Squeeze lever to load blade Quick release button to slide out used blade Squeeze lever again to load new blade



KNV/R/7
(Professional)

Easy access slider blade storage holds up to 5 blades for fast and easy blade change



SCAN TO WATCH

ORDERING INFORMATION

CAT NR.	DESCRIPTION	BOX QTY.
KNV/R/6	Knife	6
KNV/R/7	Knife	6
BLD/KNV/5/ST	Spare blade, pack of 10	10

55

Retractable Utility Knife

KNV-5

KNV-10

SK2

6-3/4"

OVERALL LENGTH

0.02"

BLADE THICKNESS

GROZ Retractable knife for fatigue free non-stop usage

SK2 Steel blades with triple cutting edge makes the blades 50% sharper compared to regular blades

Interlock nose secures the blade firmly making it safe in use

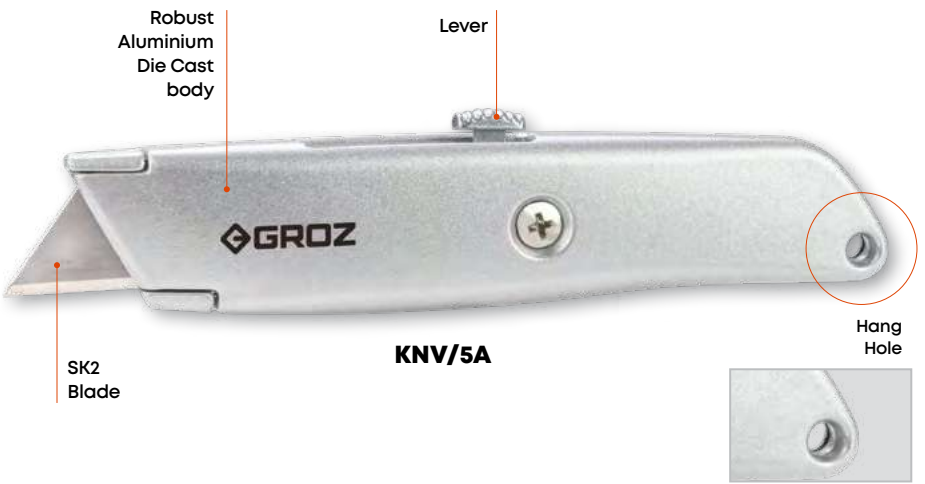
In-built blade storage compartment for 5 blades

Available in two variants

KNV/5A
Lightweight, yet robust Aluminium Die Cast body

KNV/10
(Heavy Duty)
Rugged Zinc alloy body for prolonged life

Bottom edge of knife can be used for light hammering jobs; on paper boards, cardboards after cutting



KNV/5A



KNV/10
(Heavy Duty)



Press the lever down & push forward to load blade Open screw to reach blade storage compartment Quick & convenient blade interchange Total 5 blades: 4 blades come as spare inside the knife, with 1 blade in use

ORDERING INFORMATION

CAT NR.	DESCRIPTION	BOX QTY.
KNV/5A	Knife	30
KNV/10	Knife	30
BLD/KNV/5/ST	Set of 10 Spare Blades	120

56

Snap Off Knife

KNV-S

SK2

↑

—

↓

45/64"

BLADE WIDTH

- Rugged die cast aluminum body
- Retractable blade for variable depth of cut
- Auto locking slider for secure hold
- Removable blade snapper for removing worn out blades
- Easy access blade change
- Textured finish for positive slip-resistant grip



Hang Hole

ORDERING INFORMATION

CAT NR.	DESCRIPTION	BOX QTY.
KNV/S/1	Knife	6
BLD/KNV/S/1/ST	Set of 10 Spare Blades	10



Slide the lever to retract the blade



In-built blade snap-off tool for blunt blades

57

Spring Calipers & Dividers

ID

OD

DD

- Designed for taking comparative measurements & transferring the dimensions to a Micrometer, Vernier Calliper, precision rule
- Dividers are used for marking out circles on steel or transferring measurements from master templates
- Calipers & dividers have a spring joint for precision settings. Adjustments are made by opening & closing of legs via an adjusting nut
- Divider points are hardened 50-55 HRC for increased wear resistance



ORDERING INFORMATION

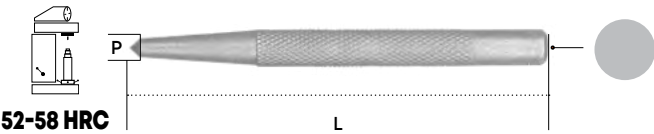
CAT NR.	CAT NR.	CAT NR.	SIZE (L)		BOX QTY.
INSIDE CALIPERS	OUTSIDE CALIPERS	SPRING DIVIDERS	(MM)	(INCH)	
ID/EC/4	OD/EC/4	DD/EC/4	100	4	10
ID/EC/6	OD/EC/6	DD/EC/6	150	6	10
ID/EC/8	OD/EC/8	DD/EC/8	200	8	5
ID/EC/10	OD/EC/10	DD/EC/10	250	10	5
ID/EC/12	OD/EC/12	DD/EC/12	300	12	5

58

Centre Punches Round Head

CP

- Carbon steel single piece construction with knurled round shank and round striking head
- Rust inhibiting black oxide finish
- Accurately hardened and tempered so that the point will withstand continuous use and the striking end will not splinter
- Ideal for clearly marking metal in work layout & making indentations in a work piece before drilling to ensure correct location of drill points
- Working tip centred and ground to the correct angle (90° included angle) for increased efficiency in marking



ORDERING INFORMATION

CAT NR.	POINT SIZE		BODY DIAMETER		OVERALL LENGTH (L)		BOX QTY.
	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
★ CP/5-64	5/64	2	5/16	8	4	100	20
★ CP/5-32	5/32	4	3/8	10	4	100	20
★ CP/1-4	1/4	6	7/16	11	5	125	25

★ Best Seller

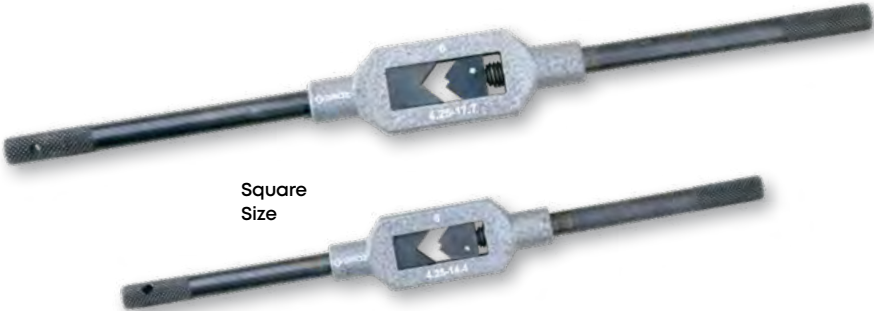


59

Tap & Reamer Wrenches

ARWR

- Extra heavy duty, industrial quality tap wrenches
- Straight handle design of these tap wrenches provides greater leverage, particularly useful when working with large diameter taps.
- Nr. 0, 5 & 6 have a forged body
- Nr. 00, 7 & 8 have die cast body



ORDERING INFORMATION

CAT NR.	LENGTH		JAW HOLDING CAPACITY				BOX QTY.
			SQUARE SIZE		TAP SIZE		
	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
ARWR/SG/0	8	200	3/32-1/2	2.5-12	1/8-3/8	M1-M12	20
ARWR/SG/00	5.11/32	133	5/64-9/32	2-7.35	1/8-1/4	M1-M6	20
ARWR/SG/5	10.8	270	11/64-9/16	4.25-14.4	3/16-5/8	M4-M16	10
ARWR/SG/6	14.8	370	11/64-11/16	4.25-17.7	3/16-7/8	M4-M20	10
ARWR/SG/7	19.6	490	1/4-29/32	6.8-23.35	1/4-1.1/8	M6-M30	10
ARWR/SG/8	29.6	740	3/8-1.13/32	9.2-36.0	1/2-1.3/4	M9-M45	5



60

Super Cut
Hi-Tension Hacksaw

HF40



Rugged aluminum die cast handle & tubular steel frame

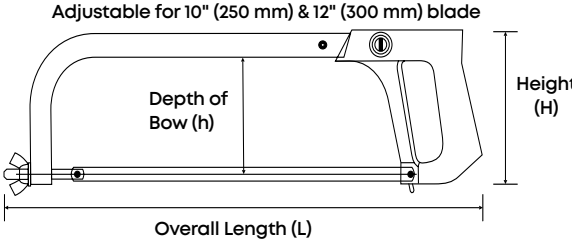
Blade can be tensioned to achieve 30,000 PSI, giving a super fast cutting action
Blade can be mounted at 45° for flush cutting jobs

Storage space in the frame for spare blades
Comes complete with 12" (300 mm) Bi-metal blade



ORDERING INFORMATION

CAT NR.	OVERALL LENGTH (L)		HEIGHT (H)		DEPTH OF BOW (H)		BOX QTY.
	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
HF/40/BL	16-23/32	425	6-1/2	165	4	100	20



61

Hacksaw Frame
Professional

HF12



Rugged heavy duty industrial quality hacksaw frame designed for the professional with guarded grip design

Strong aluminium die cast handle for comfort & control

Easy to use blade tensioning device to set the blade correctly

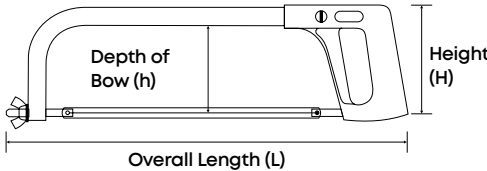
Supplied complete with 12" chrome alloy steel blade



HF/12/RB

ORDERING INFORMATION

CAT NR.	DETAILS	OVERALL LENGTH (L)		HEIGHT (H)		DEPTH OF BOW (H)		BOX QTY.
		(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
HF/12/RB	Black frame with red handle	17-5/16	440	5-1/8	130	4	103	10



62

Handyman's
Hacksaw

HF15



Rectangular section of the tubular bow ensures perfect combination of rigidity and balance

Aluminium die cast handle, unbreakable in normal use provides comfortable grip and directs pressure in the correct line of thrust for maximum efficiency

Blade can also be set for sawing at 90°. Storage compartment in the tubular

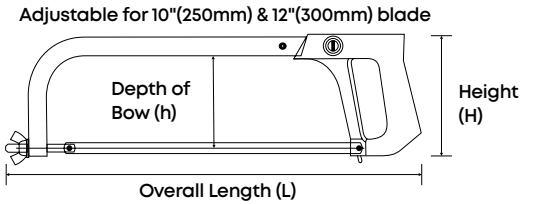
bow for storing spare blades

Lightweight design makes it very useful for overhead cutting or use from a ladder or scaffolding.



ORDERING INFORMATION

CAT NR.	OVERALL LENGTH (L)		HEIGHT (H)		DEPTH OF BOW (h)		BOX QTY.
	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
HF/15/BS	17	430	5.1/8	130	4.15/64	106	12



63

2 Jaw
Hand Riveter

FH-10

Manufactured from high strength structural steel

Heat treated internal parts for increased wear resistance

Easy Maintenance
Jaws can be cleaned without tool disassembly

Ergonomically designed longer handle with PVC dip coated non-slip grip

Attractive powder coated finish

Includes 4 nose pieces & a nose piece wrench



Convenient change of nose pieces with wrench



Nose body designed to fit into smaller applications



4 nose pieces for a range of rivets sizes:
3/32" (2.4 mm)
1/8" (3.2 mm)
5/32" (4.0 mm)
3/16" (4.8 mm)

50%
STRONGER



ORDERING INFORMATION

CAT NR.	BOX QTY.
RT/FH-10	5

SG iron construction with a tensile strength of over 60,000 PSI

Handle is designed to bend before the frame is overstressed

Steel main screw has ACME threads for smooth operation

Swivelling pad adopts the correct

angle and applies even pressure on the work piece

Textured powder coated finish with spindle in black oxide finish for increased resistance to corrosion

Useful for a variety of metal and woodworking applications



ORDERING INFORMATION

CAT NR.	CAPACITY (C)		THROAT DEPTH (D)		FRAME PROOF LOAD (KGS)	BOX QTY.
	(INCH)	(MM)	(INCH)	(MM)		
GCL/13D/50	2	50	1.5/8	42	363	20
GCL/13D/75	3	75	1.11/16	44	455	20
* GCL/13D/100	4	100	2.11/32	59	545	20
* GCL/13D/150	6	150	3	75	635	15
GCL/13D/200	8	200	3.1/8	80	775	8
GCL/13D/250	10	250	3.1/2	90	1000	8
GCL/13D/300	12	300	4	100	1135	8

* Best Seller

All steel construction

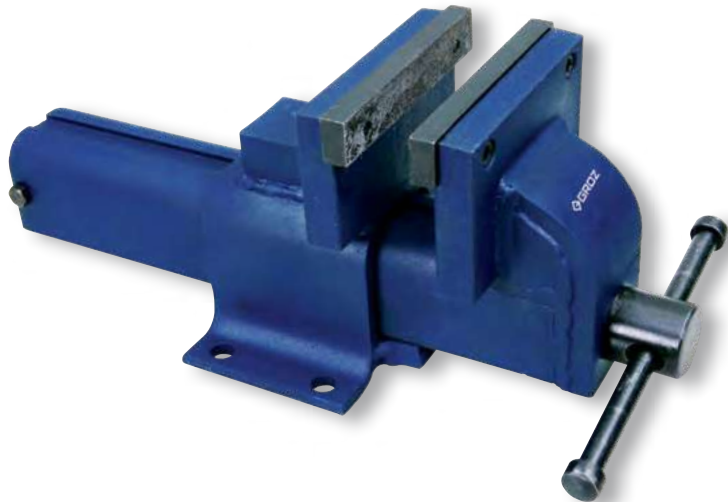
Fixed base with an integrated anvil for shaping and beating

Extra heavy-duty sliding jaw and large diameter screw

Forged tommy bar & steel main screw helps in effective transmission of pressure on the work piece

Hardened Jaws 50 ± 5 HRC

Safety stopper prevents slide from fall during usage



ORDERING INFORMATION

CAT NR.	JAW WIDTH		JAW OPENING		THROAT DEPTH		NET WT. (KGS)	BOX QTY.
	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)		
EBV/F/4	4	100	4.3/4	120	3.5/32	80	6.30	4
* EBV/F/6	6	150	6	150	3.5/8	90	18.00	1
* EBV/F/8	8	200	8	200	4.3/8	110	37.50	1

* Best Seller

Truly versatile multi-purpose vice, ideal for use both by mechanic's and professionals alike

SG iron movable jaw and slide accurately machined for smooth and reliable clamping

Jaws hardened 50±5 HRC for increased resistance to wear

Knurling on jaws ensures firm grip on the work piece

Integrated 360° swivel base with four point bench mounting for convenient usage in confined spaces or in applications where the angle of the vice has to be changed frequently

Rotating jaw head allows the selection of either a standard parallel serrated jaw or pipe jaws with an integral V-jaw assembly depending on the work in hand

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

Jaw head can be pivoted 180° either sides and locked in position giving the user complete flexibility to adjust vice to any required working angle with ease



Knurling on jaw Hardened to 50 ±5 HRC

NEW!



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



Integrated 360° swivel base



Rotating jaw head

ORDERING INFORMATION

CAT NR.	ORD NR.	JAW WIDTH		JAW OPENING		THROAT DEPTH		NET WEIGHT		BOX QTY.
		(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	(KG)	(LB)	
BV/MP/125	35477	5	125	5	125	2-3/4	70	15.50	34	1

67

Mechanic's Vices / Bench Vices

BV



20,000 PSI

Manufactured from high quality grey iron castings with excellent shock absorbing capacity

Hardened jaws 45 ± 5 HRC

Unbreakable SG Iron nut
Perfect alignment of main screw & nut reduces wear giving long trouble free service

Smooth one finger operation



ORDERING INFORMATION

CAT NR.	JAW WIDTH		JAW OPENING		THROAT DEPTH		NET WT. (KG)	BOX QTY.
	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)		
BV/F/75	3	75	4	100	2	50	5.50	4
* BV/F/100	4	100	5	125	2.5/32	55	9.70	3
BV/F/125	5	125	6	150	2.3/4	70	14.70	2
* BV/F/150	6	150	7	175	3.5/32	80	18.20	1
BV/F/200	8	200	8	200	4	100	30.40	1

* Best Seller

68

Tool Makers Steel Vice Super Precision

TMV-23

Manufactured from selected tool steel, these solid one piece vices are fully hardened (55-60 HRC) and tempered to ensure stability and durability

All vice surfaces are precision ground

Rapid positioning notches allow the vice to be locked in any position by means of an allen key provided with the vice

Vee grooves in the sliding jaw for holding of round jobs

Ideal for jobs that require highest standard of accuracy in tool manufacturing, engraving & jig boring applications



ORDERING INFORMATION

CAT NR.	JAW WIDTH	JAW OPENING	JAW DEPTH	BOX QTY.
	(MM)	(MM)	(MM)	
TMV/23	75	110	35	1

69

Milling Machine Vices Super Precision

MMV-SP

Most popular vice for milling, jig boring, grinding & shaping jobs

Manufactured from close grained high tensile seasoned cast iron with rust & scratch proof polychromatic finish

Vice jaws designed to hold work piece squarely which improves efficiency and life of jaws and reduces strain on vice body

360° swivel base allows the vice to be set at any angle along the vertical axis

High tensile grade 10.8 fasteners for greater strength and rigidity



ORDERING INFORMATION

CAT NR.	JAW WIDTH	JAW OPENING	JAW DEPTH	BOX QTY.
	(MM)	(MM)	(MM)	
MMV/SP/100	100	100	38	1
MMV/SP/150	150	150	45	1



Milling Machine Vice being used to hold a job for milling operation

70

Angular Machine Vices Super Precision

AMV-SP

Angular machine vices are ideal for applications where in the work piece requires machining at an angle

Manufactured from close grained high tensile seasoned cast iron with fully hardened and ground tool steel jaws

High tensile grade 10.8 fasteners for strength and rigidity

Relief in clamp seat ensures complete surface contact



ORDERING INFORMATION

CAT NR.	JAW WIDTH	JAW OPENING	JAW DEPTH	BOX QTY.
	(MM)	(MM)	(MM)	
AMV/SP/100	100	100	38	1
AMV/SP/150	150	150	45	1
◆ AMV/SP/200	200	200	59	1

◆ New

71

3 Way Tilting Vices
Super Precision

TLT-SP

Tilting vices provide for 3 axis setting of the work piece in special milling, drilling, grinding, shaping and jig boring applications

Manufactured from close grained hi-tensile seasoned cast iron with fully hardened and ground tool steel jaws; vices have a premium polychromatic finish

High tensile grade 10.8 fasteners for strength and rigidity to these vices

Relief in clamp seat ensures complete surface contact



A combination of settings along the 3 scales



ORDERING INFORMATION

CAT NR.	JAW WIDTH	JAW OPENING	JAW DEPTH	BOX QTY.
	(MM)	(MM)	(MM)	
TLT/SP/100	100	100	38	1
TLT/SP/150	150	150	45	1

72

Sine Vices
Super Precision

SNV

Manufactured from selected tool steel, these solid Sine Vices are fully hardened (55-60 HRC) and tempered, mounted onto a precision hinged bottom plate. All the surfaces are precisely ground for extreme accuracy

A minute angle step of 0.2"/5 mm allows very small angles to be set with ease using standard gauge blocks



Screw Type

Screwless Type

ORDERING INFORMATION

CAT NR.	JAW WIDTH		JAW OPENING		JAW DEPTH		CENTRE TO CENTRE DISTANCE		BOX QTY.
	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
SCREWLESS TYPE									
SNV/6	2.3/4		3.3/4		1-9/16		6		1
SCREW TYPE									
SNV/7	2.3/4		3		1-9/16		7		1



73

Quick Change
Modular Vice

MMV-MOD

Most popular vice for use on CNC & VMC machines, in machine shops, industrial manufacturing environment & workshops

Manufactured from case hardened steel, fully hardened & tempered

Jaws manufactured from single piece steel with a pull down angle for precise & safe clamping. Vee groove in jaws to hold round jobs securely

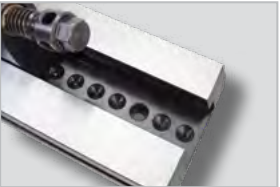
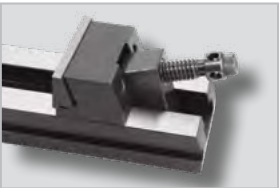
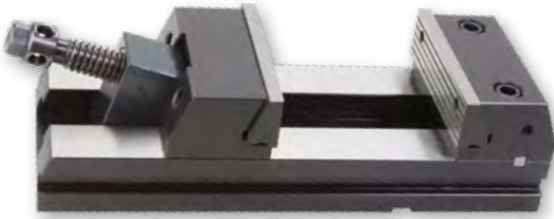
Modularity
All vice parts & accessories are modular and will interchange with perfect alignment

Highest Accuracy
Fully ground surface with accuracies controlled to ± 0.02 mm

Quick Clamping
Lift the lever to the desired position and clamp workpiece with a simple push

Space Saving Design
Vices can be matched side by side with minimum set-up time

Jaw Holes for Special Applications
4 extra tapped holes over the jaws for special stack type jaw application



ORDERING INFORMATION

CAT NR.	JAW WIDTH		JAW OPENING		JAW DEPTH		NET WEIGHT	BOX QTY.
	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	(KG)	
MMV/MOD/150	6	150	8	200	2-1/4	56	27	1

74

Universal Vice
Super Precision

The Universal Vice allows the work piece to be set at any desired angle

Low height construction makes these useful on even the most complicated grinding jobs

One fixed horizontal axis which allows the work piece to be rotated at any angle

Fully graduated 360° swivel base

The third angular slide with a moving axis allows for any setting in the 3D plane

Manufactured from hi-tensile seasoned cast iron with fully hardened and ground tool steel jaws

All steel handle allows for stress free operation. It is assembled on the spindle crank with a spring loaded mechanism providing positive grip

Milled slot in the vice base allows for accurate location on the machine table

"Hold Down" slots allow for secure clamping of the vice on the work table



ORDERING INFORMATION

CAT NR.	BOX QTY.
UV/SP/100	1

SPECIFICATIONS

JAW WIDTH	4" (100 mm)
JAW OPENING	4" (80 mm)
JAW DEPTH	1-1/4" (32 mm)
NET WEIGHT	13.4 kg



PROFESSIONAL
QUALITY
SOCKETS

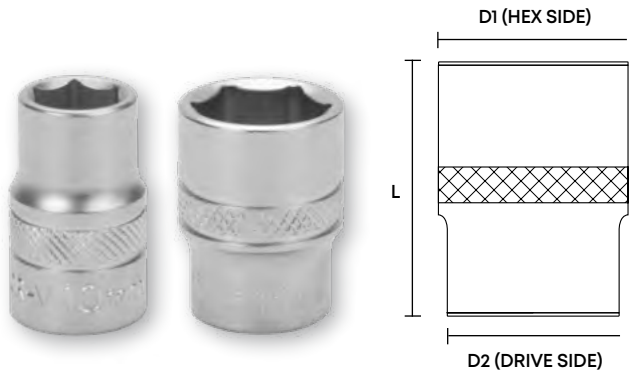
Designed & manufactured
to the highest standards
for use in industrial &
automotive workshops

75

Hand
Sockets

SKT

3/8" DRIVE

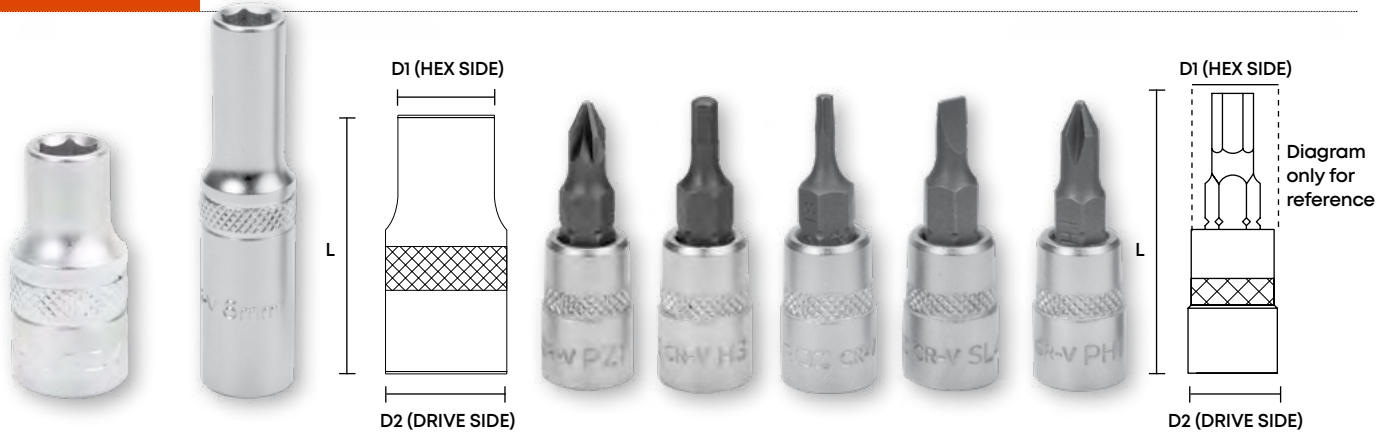


ORDERING INFORMATION

CAT NR.	SIZE (MM)	L (MM)	D1 (MM)	D2 (MM)	BOX QTY.
HEX SOCKETS					
SKT/H/3-8/6/UG	6	28	10.20	16.9	15
SKT/H/3-8/7/UG	7	28	10.60	16.9	15
★ SKT/H/3-8/8/UG	8	28	11.80	16.9	15
SKT/H/3-8/9/UG	9	28	13.20	16.9	15
★ SKT/H/3-8/10/UG	10	28	14.50	16.9	15
SKT/H/3-8/11/UG	11	28	15.70	16.9	15
★ SKT/H/3-8/12/UG	12	28	16.90	16	15
★ SKT/H/3-8/13/UG	13	28	17.90	16.5	15
★ SKT/H/3-8/14/UG	14	28	19.70	17	15
SKT/H/3-8/15/UG	15	28	20.90	18	12
SKT/H/3-8/16/UG	16	30	21.90	19	12
★ SKT/H/3-8/17/UG	17	30	23.45	20	10
SKT/H/3-8/18/UG	18	30	24.65	21	10
★ SKT/H/3-8/19/UG	19	30	25.85	23	10
SKT/H/3-8/20/UG	20	32	27.15	24	8
SKT/H/3-8/21/UG	21	32	27.85	25	8
SKT/H/3-8/22/UG	22	32	29.65	26	6

★ Best Seller

1/4" DRIVE



ORDERING INFORMATION

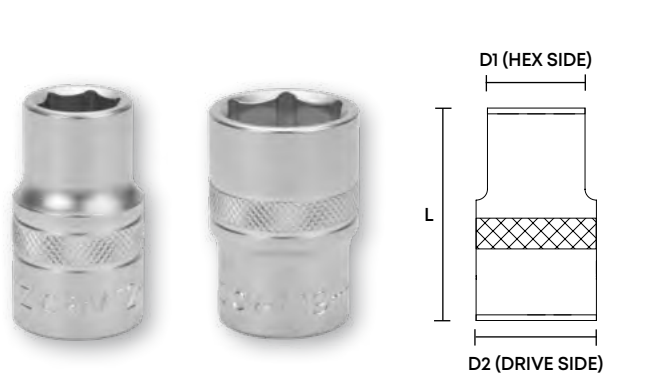
CAT NR.	SIZE (MM)	L (MM)	D1 (MM)	D2 (MM)	BOX QTY.
HEX SOCKETS					
SKT/H/1-4/4/UG	4	25	6.80	4	10
SKT/H/1-4/4.5/UG	4.5	25	7.10	4.5	10
SKT/H/1-4/5/UG	5	25	8.00	5	10
SKT/H/1-4/5.5/UG	5.5	25	8.30	5.5	10
SKT/H/1-4/6/UG	6	25	9.30	6	10
SKT/H/1-4/7/UG	7	25	10.50	7	10
SKT/H/1-4/8/UG	8	25	11.85	8	10
SKT/H/1-4/9/UG	9	25	12.85	9	10
SKT/H/1-4/10/UG	10	25	13.85	10	10
SKT/H/1-4/11/UG	11	25	15.85	11	10
SKT/H/1-4/12/UG	12	25	16.85	12	10
SKT/H/1-4/13/UG	13	25	17.85	13	10
SKT/H/1-4/14/UG	14	25	19.65	14	10
HEX SOCKETS - DEEP					
SKT/H/1-4/5D/UG	5	50	8.0	11.9	10
SKT/H/1-4/6D/UG	6	50	9.3	11.9	10
SKT/H/1-4/7D/UG	7	50	10.5	11.9	10
SKT/H/1-4/8D/UG	8	50	11.9	11.9	10
SKT/H/1-4/9D/UG	9	50	13.2	13.2	10
SKT/H/1-4/10D/UG	10	50	14.6	14.6	10
SKT/H/1-4/11D/UG	11	50	15.9	15.9	10
SKT/H/1-4/12D/UG	12	50	17	17	10
SKT/H/1-4/13D/UG	13	50	18	18	10
POZI BIT SOCKETS					
SKT/1-4/PZ1/UG	PZ1	37	6.35	12	10
SKT/1-4/PZ2/UG	PZ2	37	6.35	12	10
SKT/1-4/PZ3/UG	PZ3	37	6.35	12	10

ORDERING INFORMATION

CAT NR.	SIZE (MM)	L (MM)	D1 (MM)	D2 (MM)	BOX QTY.
HEX BIT SOCKETS					
SKT/1-4/H3/UG	H3	37	3	12	10
SKT/1-4/H4/UG	H4	37	4	12	10
SKT/1-4/H5/UG	H5	37	5	12	10
SKT/1-4/H6/UG	H6	37	6	12	10
SKT/1-4/H7/UG	H7	37	7	12	10
SKT/1-4/H8/UG	H8	37	8	12	10
SKT/1-4/H10/UG	H10	37	10	12	10
TORX BIT SOCKETS					
SKT/1-4/T8/UG	T8	37	2.25	12	10
SKT/1-4/T10/UG	T10	37	2.70	12	10
SKT/1-4/T15/UG	T15	37	3.25	12	10
SKT/1-4/T20/UG	T20	37	3.80	12	10
SKT/1-4/T25/UG	T25	37	4.40	12	10
SKT/1-4/T27/UG	T27	37	5.0	12	10
SKT/1-4/T30/UG	T30	37	5.50	12	10
SKT/1-4/T40/UG	T40	37	6.60	12	10
SLOTTED BIT SOCKETS					
SKT/1-4/S4/UG	4	37	4	12	10
SKT/1-4/S5.5/UG	5.5	37	5.5	12	10
SKT/1-4/S7/UG	7	37	7	12	10
PHILIPS BIT SOCKETS					
SKT/1-4/PH1/UG	PH1	37	6.35	12	10
SKT/1-4/PH2/UG	PH2	37	6.35	12	10
SKT/1-4/PH3/UG	PH3	37	6.35	12	10

Hand Sockets
(continued)

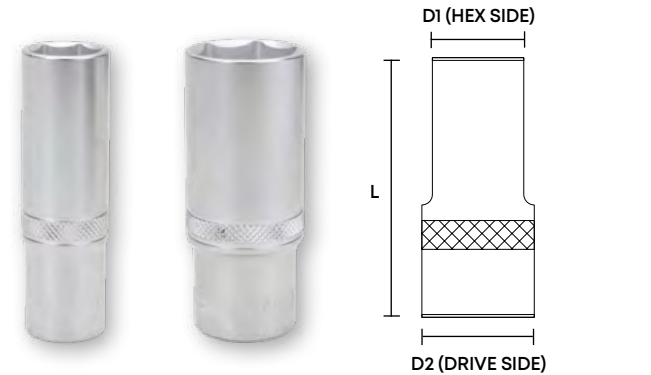
1/2" DRIVE



ORDERING INFORMATION

CAT NR.	SIZE (MM)	L (MM)	D1 (MM)	D2 (MM)	BOX QTY.
HEX SOCKETS					
*SKT/H/1-2/8/UG	8	38	13.20	21.80	15
SKT/H/1-2/9/UG	9	38	13.90	21.80	15
*SKT/H/1-2/10/UG	10	38	15.00	21.80	15
SKT/H/1-2/11/UG	11	38	16.30	21.80	15
*SKT/H/1-2/12/UG	12	38	17.60	21.80	15
*SKT/H/1-2/13/UG	13	38	18.80	21.80	15
*SKT/H/1-2/14/UG	14	38	20.40	21.80	15
SKT/H/1-2/15/UG	15	38	21.65	20.70	12
SKT/H/1-2/16/UG	16	38	22.90	21.50	12
*SKT/H/1-2/17/UG	17	38	23.90	22.00	10
SKT/H/1-2/18/UG	18	38	25.45	23.00	10
*SKT/H/1-2/19/UG	19	38	25.85	23.00	10
SKT/H/1-2/20/UG	20	38	27.85	24.00	8
*SKT/H/1-2/21/UG	21	38	27.85	25.00	6
SKT/H/1-2/22/UG	22	40	29.85	26.00	6
SKT/H/1-2/23/UG	23	40	31.65	27.00	6
*SKT/H/1-2/24/UG	24	42	31.85	28.00	6
SKT/H/1-2/25/UG	25	42	33.85	30.00	6
SKT/H/1-2/26/UG	26	42	35.45	30.00	4
*SKT/H/1-2/27/UG	27	43	35.85	30.00	4
SKT/H/1-2/28/UG	28	43	37.85	32.00	4
SKT/H/1-2/29/UG	29	43	37.85	32.00	4
*SKT/H/1-2/30/UG	30	46	39.85	34.00	4
*SKT/H/1-2/32/UG	32	46	41.85	36.00	4
SKT/H/1-2/33/UG	33	46	43.85	38.00	2
SKT/H/1-2/36/UG	36	46	47.85	38.00	2

* Best Seller

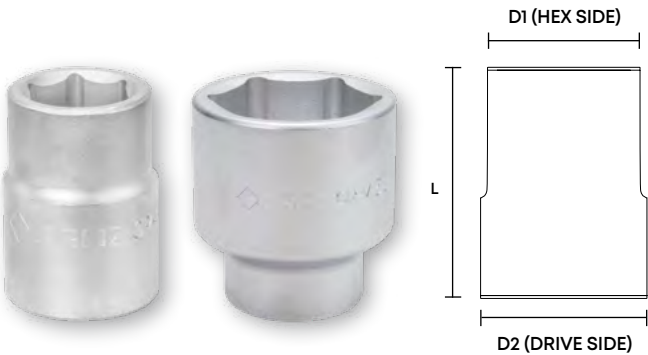


ORDERING INFORMATION

CAT NR.	SIZE (MM)	L (MM)	D1 (MM)	D2 (MM)	BOX QTY.
HEX SOCKETS					
*SKT/H/1-2/10D/UG	10	77	15	21.95	15
SKT/H/1-2/11D/UG	11	77	16.30	21.95	15
*SKT/H/1-2/12D/UG	12	77	17.60	21.95	15
*SKT/H/1-2/13D/UG	13	77	18.80	21.95	15
*SKT/H/1-2/14D/UG	14	77	20.40	21.95	15
SKT/H/1-2/15D/UG	15	77	21.60	20.70	12
SKT/H/1-2/16D/UG	16	77	22.85	21.50	12
*SKT/H/1-2/17D/UG	17	77	23.85	22.00	10
SKT/H/1-2/18D/UG	18	77	25.40	23.00	10
*SKT/H/1-2/19D/UG	19	77	25.85	23.00	10
SKT/H/1-2/20D/UG	20	77	27.85	24.00	8
SKT/H/1-2/21D/UG	21	77	27.85	25.00	8
SKT/H/1-2/22D/UG	22	77	29.85	26.00	6
SKT/H/1-2/23D/UG	23	77	31.60	27.00	6
SKT/H/1-2/24D/UG	24	77	31.85	28.00	6
SKT/H/1-2/26D/UG	26	77	35.40	30.00	6
SKT/H/1-2/27D/UG	27	77	35.85	30.00	6
SKT/H/1-2/28D/UG	28	77	37.85	32.00	4
SKT/H/1-2/29D/UG	29	77	37.85	32.00	4
SKT/H/1-2/30D/UG	30	77	39.85	34.00	4
SKT/H/1-2/32D/UG	32	77	41.85	36.00	4

* Best Seller

3/4" DRIVE

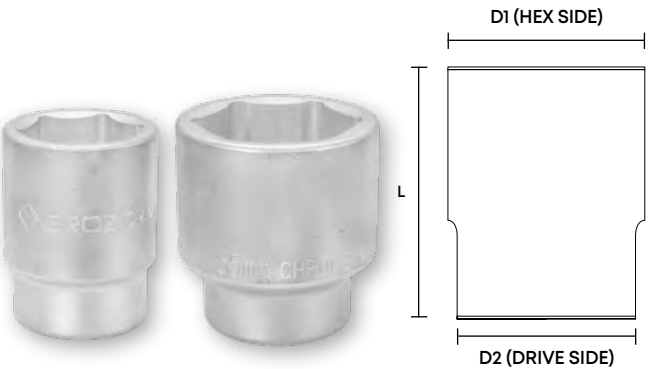


ORDERING INFORMATION

CAT NR.	SIZE (MM)	L (MM)	D1 (MM)	D2 (MM)	BOX QTY.
HEX SOCKETS					
SKT/H/3-4/22/MT	22	50	33	36	6
SKT/H/3-4/24/MT	24	50	35	36	6
*SKT/H/3-4/27/MT	27	52	38	36	6
SKT/H/3-4/28/MT	28	52	38	38	6
*SKT/H/3-4/30/MT	30	54	42	38	4
*SKT/H/3-4/32/MT	32	56	44	38	4
*SKT/H/3-4/36/MT	36	58	50	42	4
SKT/H/3-4/38/MT	38	62	52	45	4
SKT/H/3-4/41/MT	41	64	56	45	4
SKT/H/3-4/46/MT	46	68	62	48	4
SKT/H/3-4/50/MT	50	72	68	48	2

* Best Seller

1" DRIVE



ORDERING INFORMATION

CAT NR.	SIZE (MM)	L (MM)	D1 (MM)	D2 (MM)	BOX QTY.
HEX SOCKETS					
SKT/H/O-1/36/MT	36	65	51	45	4
SKT/H/O-1/41/MT	41	70	57	45	4
SKT/H/O-1/46/MT	46	75	65	50	4
SKT/H/O-1/50/MT	50	75	70	55	2
SKT/H/O-1/55/MT	55	80	76	57	2
SKT/H/O-1/60/MT	60	84	82	57	2
SKT/H/O-1/65/MT	65	87	88	57	1
SKT/H/O-1/70/MT	70	93	94	68	1
SKT/H/O-1/75/MT	75	97	100	68	1
SKT/H/O-1/80/MT	80	103	105	68	1

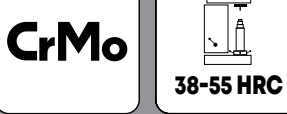
Socket Merchandiser

Heavy duty steel construction in premium powder coated finish

CAT NR.	CONTENTS	BOX QTY.
SKT/H/1-2/UG/ST50	49 Hex Sockets of following sizes: 7 pcs: 10 mm 7 pcs: 13 mm 7 pcs: 17 mm 6 pcs: 19 mm 5 pcs: 22 mm 5 pcs: 24 mm 4 pcs: 27 mm 4 pcs: 30 mm 4 pcs: 32 mm	1



IMPACT SOCKETS



New range of impact sockets from GROZ are designed to withstand high levels of torque & impact applications

Chrome Molybdenum Construction
Forged from high quality Chrome Molybdenum Steel, precision machined & heat treated to provide the best combination of hardness, tensile strength & torque

Specially designed chamfered openings make engagement with the impact tools much easier, thereby saving time and effort

Pin hole in the impact sockets facilitates use with impact tools having pin and ring retaining mechanism

Black Oxide Finish
For enhanced corrosion protection and easy identification from regular sockets

Marking & Branding
Branding & size laser etched on each individual socket ensuring quick and convenient identification

76

Impact Sockets Hex

1/2" DRIVE



ORDERING INFORMATION

CAT NR.	SIZE (MM)	L (MM)	D1 (MM)	D2 (MM)	BOX QTY.
HEX SOCKETS					
★ ISKT/H/1-2/10	10	38	16.7	25	15
ISKT/H/1-2/11	11	38	18.0	25	15
★ ISKT/H/1-2/12	12	38	19.0	25	15
ISKT/H/1-2/13	13	38	20.2	25	15
ISKT/H/1-2/14	14	38	21.5	25	15
ISKT/H/1-2/15	15	38	23.0	25	12
ISKT/H/1-2/16	16	38	24.5	25	12
★ ISKT/H/1-2/17	17	38	26.0	25	10
ISKT/H/1-2/18	18	38	27.0	25	10
★ ISKT/H/1-2/19	19	38	28.0	25	10
★ ISKT/H/1-2/21	21	38	30.0	25	8
ISKT/H/1-2/24	24	38	34.0	30	6
ISKT/H/1-2/27	27	42	40.0	30	6
HEX SOCKETS - DEEP					
ISKT/H/1-2/14D	14	78	22	25	15
ISKT/H/1-2/17D	17	78	26	30	10
ISKT/H/1-2/18D	18	78	27	30	10
ISKT/H/1-2/19D	19	78	28	30	10
ISKT/H/1-2/20D	20	78	29	30	8
ISKT/H/1-2/21D	21	78	30	30	8
ISKT/H/1-2/23D	23	78	33.8	30	6
ISKT/H/1-2/24D	24	78	33.8	30	6

★ Best Seller

3/4" DRIVE

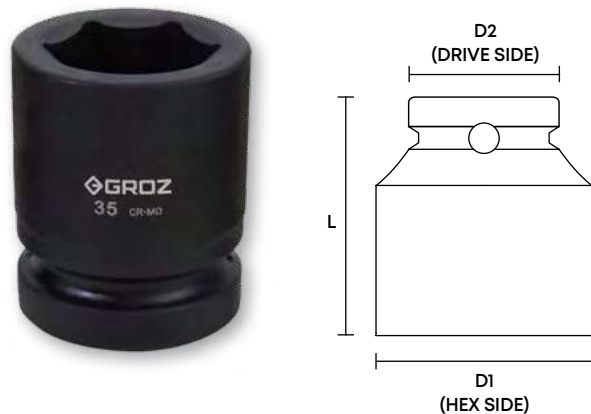


ORDERING INFORMATION

CAT NR.	SIZE (MM)	L (MM)	D1 (MM)	D2 (MM)	BOX QTY.
HEX SOCKETS					
ISKT/H/3-4/17	17	51	30.0	44	10
ISKT/H/3-4/19	19	51	32.5	44	8
ISKT/H/3-4/21	21	51	35.0	44	6
ISKT/H/3-4/22	22	51	36.0	44	6
ISKT/H/3-4/24	24	51	38.5	44	6
ISKT/H/3-4/27	27	53	42.5	44	6
ISKT/H/3-4/28	28	53	44	44	6
★ ISKT/H/3-4/29	29	53	45.0	44	4
ISKT/H/3-4/30	30	53	46.0	44	4
★ ISKT/H/3-4/33	33	57	50.0	44	4
ISKT/H/3-4/35	35	57	52.0	44	4
ISKT/H/3-4/36	36	57	53.0	44	4
ISKT/H/3-4/38	38	57	56.0	44	4
ISKT/H/3-4/41	41	58	59.0	44	4
ISKT/H/3-4/46	46	62	66.0	44	2
HEX SOCKETS - DEEP					
ISKT/H/3-4/24D	24	90	38	44	4
ISKT/H/3-4/27D	27	90	41	44	4
ISKT/H/3-4/28D	28	90	44	44	4

★ Best Seller

1" DRIVE



ORDERING INFORMATION

CAT NR.	SIZE (MM)	L (MM)	D1 (MM)	D2 (MM)	BOX QTY.
HEX SOCKETS					
ISKT/H/0-1/19	19	58	35.0	54	8
ISKT/H/0-1/22	22	58	39.0	54	6
ISKT/H/0-1/24	24	58	41.5	54	6
ISKT/H/0-1/26	26	60	44.0	54	6
ISKT/H/0-1/27	27	60	45.0	54	6
★ ISKT/H/0-1/29	29	62	45.0	54	4
ISKT/H/0-1/30	30	62	49.0	54	4
★ ISKT/H/0-1/32	32	62	51.5	54	4
★ ISKT/H/0-1/33	33	62	52.5	54	4
ISKT/H/0-1/35	35	66	55.0	54	4
ISKT/H/0-1/36	36	66	56.5	54	4
ISKT/H/0-1/38	38	66	59.0	54	4
ISKT/H/0-1/41	41	68	62.5	54	4
ISKT/H/0-1/46	46	72	69.0	54	4
ISKT/H/0-1/50	50	76	74.0	54	2
ISKT/H/0-1/55	55	84	80.0	54	2
ISKT/H/0-1/60	60	88	86.5	54	1
ISKT/H/0-1/65	65	92	92.5	54	1
HEX SOCKETS - DEEP					
ISKT/H/0-1/27D	27	90	46	54	4
ISKT/H/0-1/30D	30	90	49	54	2
ISKT/H/0-1/32D	32	90	52	54	2
ISKT/H/0-1/33D	33	90	54	54	2

★ Best Seller

77

Socket Accessories

SLIDING T BARS

Manufactured from high quality Chrome Vanadium steel for strength & durability

Time & effort saving tool, provides right leverage for tightening nuts & bolts easily



ORDERING INFORMATION

CAT NR.	DRIVE	LENGTH		BOX QTY.
	(INCH)	(INCH)	(MM)	
SLTB/1-4/UG	1/4	4-1/2	115	10
SLTB/3-8/UG	3/8	6-1/2	165	10
SLTB/1-2/UG	1/2	10	250	5
SLTB/3-4/MT	3/4	18	450	1
SLTB/0-1/MT	1	22	550	1

EXTENSION BARS

Manufactured from high quality Chrome Vanadium steel for strength & durability

Corrosion resistant chrome plated finish

Used along with a socket to reach into confined spaces



ORDERING INFORMATION

CAT NR.	DRIVE	LENGTH		BOX QTY.
	(INCH)	(INCH)	(MM)	
DRXB/1-4/2/UG	1/4	2	50	10
DRXB/1-4/4/UG	1/4	4	100	10
DRXB/1-4/6/UG	1/4	6	150	10
DRXB/3-8/3/UG	3/8	3	75	5
DRXB/3-8/6/UG	3/8	6	150	5
DRXB/1-2/5/UG	1/2	5	125	5
DRXB/1-2/10/UG	1/2	10	250	5
DRXB/3-4/4/MT	3/4	4	100	10
DRXB/3-4/8/MT	3/4	8	200	5
DRXB/0-1/8/MT	1	8	200	5
DRXB/0-1/16/MT	1	16	400	2

UNIVERSAL JOINT

Manufactured from Chrome Vanadium for higher strength & durability

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



ORDERING INFORMATION

CAT NR.	DRIVE (INCH)	BOX QTY.
UVJ/1-4/UG	1/4	10
UVJ/3-8/UG	3/8	5
UVJ/1-2/UG	1/2	5
UVJ/3-4/UG	3/4	5

ADAPTOR

For using a combination of square drive sockets in one application



ORDERING INFORMATION

CAT NR.	SIZE	BOX QTY.
SADP/1-4F/3-8M/UG	1/4" (F) to 3/8" (M)	5
SADP/3-8F/1-4M/UG	3/8" (F) to 1/4" (M)	5
SADP/3-8F/1-2M/UG	3/8" (F) to 1/2" (M)	5
SADP/1-2F/3-8M/UG	1/2" (F) to 3/8" (M)	5
SADP/1-2F/3-4M/UG	1/2" (F) to 3/4" (M)	5
SADP/3-4F/1-2M/UG	3/4" (F) to 1/2" (M)	5
SADP/3-4F/0-1M/UG	3/4" (F) to 1" (M)	2
SADP/0-1F/3-4M/UG	1" (F) to 3/4" (M)	2

HEX SPARK PLUG SOCKET

Designed for insertion & removal of spark plugs



ORDERING INFORMATION

CAT NR.	DRIVE (INCH)	HEX SIZE (MM)	BOX QTY.
SKT/1-2/SP/16/UG	1/2	16	5
SKT/1-2/SP/21/UG	1/2	21	5

FLEX HANDLE / POWER BARS

Bars manufactured from high quality hardened & tempered Chrome Vanadium steel for strength & durability

Hinged joint head and spring-loaded ball bearing joint for secure socket retention

Chrome Molybdenum Square Drive. Replaceable on 3/4" & 1" sizes



ORDERING INFORMATION

CAT NR.	DRIVE	LENGTH		DRIVE TYPE	BOX QTY.
	(INCH)	(INCH)	(MM)		
DFH/3-8/9/MT	3/8	9	225	Fixed	5
DFH/1-2/15/MT	1/2	15	375	Fixed	5
DFH/3-4/20/MT	3/4	20	500	Replaceable	5
DFH/0-1/26/MT	1	26	650	Replaceable	5

SPEEDER HANDLE

Chrome Vanadium construction with ultra premium finish

Ideal for rapid removal or insertion of fasteners, especially in repetitive work

Provides extra leverage with greater strength than ratchets



ORDERING INFORMATION

CAT NR.	DRIVE (INCH)	BOX QTY.
SPDH/1-2/UG	1/2	5

L HANDLE

Manufactured from high quality Chrome Vanadium steel for strength & durability

Hardened & tempered with corrosion resistant chrome plated finish

Spring loaded ball bearing holds sockets securely

Fixed L Handle for applications requiring rigid set-up



ORDERING INFORMATION

CAT NR.	DRIVE (INCH)	LENGTH (INCH)	LENGTH (MM)	BOX QTY.
LDH/1-2/UG	1/2	5	125	5

FLEXIBLE EXTENSION

Manufactured from high quality Chrome Vanadium steel for strength & durability

Hardened & tempered with corrosion resistant chrome plated finish

Flexible Extension with compressed spring for use in confined spaces



ORDERING INFORMATION

CAT NR.	DRIVE (INCH)	BOX QTY.
FLEX/1-4/G	1/4	10

SPINNER HANDLE

Manufactured from high quality Chrome Vanadium steel for strength & durability

Fit on a socket & spin it for rapid installation of longer bolts

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



ORDERING INFORMATION

CAT NR.	DRIVE (INCH)	BOX QTY.
DRSH/1-4/UG	1/4	10

78 Socket Sets in Blow Moulded Cases

KIT-SKT

1/4" DRIVE

HEX SOCKET SET
KIT/SKT/H/1-4/19/UG

19
PIECE



DESCRIPTION	BOX QTY.
13 pcs Hex Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm	10
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	

HEX SOCKET SET
KIT/SKT/H/1-4/42/UG

42
PIECE



DESCRIPTION	BOX QTY.
13 pcs Hex Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm	10
6 pcs Hex Bit Sockets: 3, 4, 5, 6, 7, 8 mm	
3 pcs Slotted Bit Sockets: 4, 5.5, 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 Bars: 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	

HEX SOCKET SET
KIT/HSK/1-4/46

46
PIECE



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

NEW!

1/2" DRIVE

HEX SOCKET SET
KIT/SKT/H/1-2/13/UG

13
PIECE



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

HEX SOCKET SET
KIT/SKT/H/1-2/27/UG

27
PIECE



DESCRIPTION	BOX QTY.
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	5
2 pcs Extension Bars: 125 & 250 mm (5" & 10")	
1 pc Universal Joint	
1 pc Sliding T Bar	
1 pc Ratchet Handle	

HEX SOCKET SET
KIT/HSK/1-2/25

25
PIECE



DESCRIPTION	BOX QTY.
18 pcs 1/2" Hex Sockets: 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30 & 32 mm	5
2 pcs 1/2" Spark Plug Sockets: 16 & 21 mm	
2 pcs 1/2" Extension Bar: 5" & 10" (125 & 250 mm)	
1 pc 1/2" Sliding T Bar	
1 pc 1/2" Universal Joint	
1 pc 1/2" Ratchet Handle	

NEW!

79 Hand Socket Sets On Rails

1/4" DRIVE

HEX SOCKET SET
KIT/SKT/H/1-4/9LH/UG



9
PIECE



DESCRIPTION	BOX QTY.
8 pcs Hex Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 10 mm 1 pc Ratchet Handle	5

3/8" DRIVE

HEX SOCKET SET
KIT/SKT/H/3-8/8L/UG



8
PIECE



DESCRIPTION	BOX QTY.
8 pcs Sockets: 6, 8, 10, 12, 13, 14, 17, 19 mm	5

1/2" DRIVE

HEX SOCKET SET
KIT/SKT/H/1-2/9L/UG



9
PIECE



DESCRIPTION	BOX QTY.
9 pcs Sockets: 8, 9, 10, 12, 13, 14, 17, 19, 22 mm	5

1/2" DRIVE

BIT SOCKET SET
KIT/BIT-SKT/SPL/1-2/6/UG



6
PIECE



DESCRIPTION	BOX QTY.
Spline Bit Sockets: 55mm length: M6, M8, M10 100mm length: M8, M10, M12;	5

TORX BIT SOCKET SET
KIT/BIT-SKT/TX/1-2/9/UG



9
PIECE



DESCRIPTION	BOX QTY.
Torx Bit Socket: T20, T25, T27, T30, T40, T45, T50, T55, T60	5

HEX BIT SOCKET SET
KIT/BIT-SKT/H/1-2/8/UG



8
PIECE



DESCRIPTION	BOX QTY.
8 pcs Hex Bit Sockets: 5, 6, 7, 8, 10, 12, 14, 17 mm	5

HEX SOCKET SET
KIT/SKT/H/1-4/13L/UG



13
PIECE



DESCRIPTION	BOX QTY.
13 pcs Hex Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm	5

HEX SOCKET SET
KIT/SKT/H/3-8/9LH/UG



9
PIECE



DESCRIPTION	BOX QTY.
8 pcs Sockets: 6, 8, 10, 12, 13, 14, 17, 19 mm 1 pc Ratchet Handle	5

HEX SOCKET SET
KIT/SKT/H/1-2/11LH/UG



11
PIECE



DESCRIPTION	BOX QTY.
10 pcs Sockets: 8, 9, 10, 12, 13, 14, 17, 19, 22, 24 mm 1 pc Ratchet Handle	5

80 Hand Socket Sets in Metal Cases KIT-SKT

3/4" DRIVE

HEX SOCKET SET
KIT/SKT/H/3-4/14/MT



14
PIECE

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

1" DRIVE

HEX SOCKET SET
KIT/SKT/H/0-1/14/MT



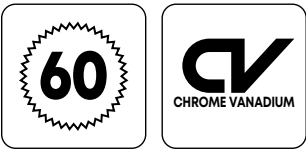
14
PIECE

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

81

Slim Line Ratchet Handles

RTD-SL



Chrome Vanadium Construction:
Forged from high quality chrome vanadium steel, precisely hardened for increased durability

Unique Patented Design:
30% slimmer & lighter than normal pear head ratchet, provides higher torque & extended service life

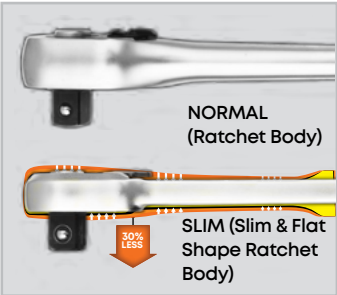


Unique Patented Design
Gourd shaped head is 30% narrower than regular oval shaped ratchets making these most suitable for use in tight & hard to reach areas

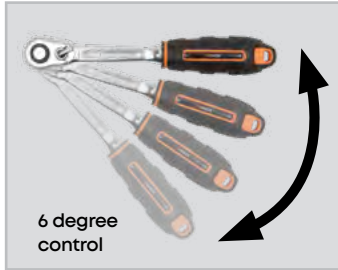


Slim Line Ratchet
More than 9 Teeth Bite of Gear is designed to transfer extremely high torque and extend the service life

Normal Type Ratchet
Only 3 teeth bite, unable to transfer the torque powerfully and efficiently



Ratchet body is 30% slimmer than regular ratchet handles. This reduces the weight of the ratchet handles & provides high torque



60 Teeth With 6 Degree Control
Provides extremely high torque for professional users



Quick Release
Simply push the release button with one thumb for replacing sockets quickly and efficiently



Reversible Lever Switch
Reversible lever switch makes it easy to switch direction of use

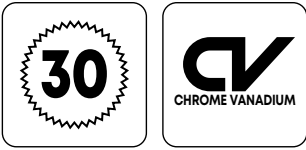
ORDERING INFORMATION

CAT NR.	DRIVE	LENGTH		TORQUE		BOX QTY.
	(INCH)	(INCH)	(MM)	(NM)	(FT-LB)	
RTD/SL/1-4/UG	1/4	5.70	145	80	59	5
RTD/SL/3-8/UG	3/8	7.81	199	270	199	5
RTD/SL/1-2/UG	1/2	10.03	255	670	494	5

82

Push Through Ratchet Handle

RTD-PT



Works with any standard 1/2" square drive socket

Unique push-through ratchet rotates in only one direction. To reverse, simply remove socket, push square drive out of the other side of the head & re-attach socket on the other side

Anti slip, ergonomic soft grip handle

Square Drive available as spare. No need to discard complete Ratchet Handle once the drive wears out



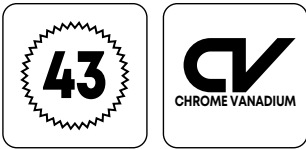
ORDERING INFORMATION

CAT NR.	DRIVE	LENGTH		TORQUE		BOX QTY.
	(INCH)	(INCH)	(MM)	(NM)	(FT-LB)	
RTD/PT/1-2/UG	1/2	11	280	512	377	5

83

Round Head Ratchet Handle

RTD-RH



Chrome Vanadium construction for higher strength & durability

Classic round head ratchet mechanism for reliable performance

Spring loaded ball attaches onto sockets, preventing them from being dropped

Durable, corrosion resistant chrome plated finish

Knurled handle for non-slip grip



ORDERING INFORMATION

CAT NR.	DRIVE	LENGTH		NUMBER OF TEETH	TORQUE		BOX QTY.
	(INCH)	(INCH)	(MM)		(NM)	(FT-LB)	
RTD/RH/3-4/MT	3/4	19.6	500	43	1412	1041	1

84

Pear Head Ratchet Handle

RTD-PH


Forged from high quality chrome vanadium steel for higher strength & durability

Classic pear head design for strength, durability & high performance

2 piece construction with detachable head for convenient storage

Spring loaded ball attaches onto sockets preventing them from being dropped



ORDERING INFORMATION

CAT NR.	DRIVE	LENGTH		TORQUE		BOX QTY.
	(INCH)	(INCH)	(MM)	(NM)	(FT-LB)	
RTD/PH/3-4/MT	3/4	19-11/16	500	2000	1475	1
RTD/PH/0-1/MT	1	26-3/8	670	2515	1855	1