# Технические характеристики

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## Tyre Levers

**TLVR** 

Professional quality straight pattern tyre levers with hook & taper

Forged from Carbon Steel

Nickel plated for protection against corrosion

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



#### **ORDERING INFORMATION**

CAT	ORD		IGTH
NR. NR.	(INCH)	(MM)	
TLVR/16	33180	16	400
TLVR/21	33181	21	530
TLVR/24	33182	24	600



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# Roll Head Pry Bars

**PRY** 

Fully forged from Chrome Steel

Hardened 38-43 HRC & tempered

Specifically designed for heavy prying & fulcrum prying in automotive applications

The tapered end is useful for aligning applications.



#### **ORDERING INFORMATION**

33154

CAT NR.	ORD	LEN		STOCK SIZE			
<u> </u>	NR.	(INCH)	(MM)	(INCH)	(MM)		
PRY/6	33150	6	150	5/16	8		
<b>*</b> PRY/12	33151	12	300	7/16	11		
<b>★</b> PRY/16	33152	16	400	9/16	14		
PRY/20	33153	20	500	11/16	17		
SET		•		•			
PRY/3/ST	33155	3 Pc Set: 12"(300mm), 16" (400mm) & 20" (500mm)					

4 Pc Set: 6"(150mm), 12"(300mm), 16" (400mm) & 20" (500mm)

FORGED CHROME STEEL HARDENED

38-43
HRC





# Cat/Aligning Bars

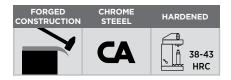
Heavy duty Bars forged from chrome alloy steel

Prying end is on one side with lining up end on the other

Fully hardened body resists any bending

Available with a round section or hexagonal section, in bright zinc plated finish

Sizes 48" & 54" come in powdered coated finish





CAT	ORD	LEN	GTH	STOCK SIZE/ HEX (A/	
NR.	NR.	(INCH)	(MM)	(INCH)	(MM)
ROUND SECTION	N BARS		•		
CAT/16	33169	16	400	5/8	16
<b>★</b> CAT/18	33170	18	450	5/8	16
<b>★</b> CAT/24	33171	24	600	3/4	19
CAT/30	33172	30	750	7/8	22
CAT/36	33173	36	900	7/8	22
CAT/48	33176	48	1200	1	25
CAT/54	33177	54	1350	1	25
HEXAGONAL SE	CTION BAR				
★CAT/H/16/CP	33175	16	400	5/8	16



## Handled Pry Bars

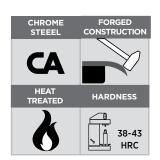
Heavy duty handled pry bars manufactured using square section steel for heavy prying applications

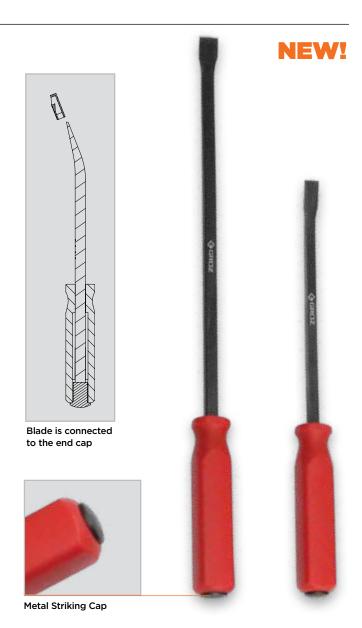
Blades run through the handle and form an end cap to provide a solid striking surface

Metal striking cap allows hammering without any damage to the handle

Black oxide finish for rust resistance

Composite material handle made of LDPE & EVA provides durability, comfort & reduces fatigue.





CAT.	ORD	LEN	GTH	SEC.	TION				
NR.	NR.	(INCH)	(MM)	(INCH)	(MM)				
HPR/8	33120	8	200	1/4	6				
★HPR/12	33121	12	300	7/16	11				
★HPR/18	33122	18	450	7/16	11				
★HPR/24	33123	24	600	1/2	13				
HPR/32	33124	32	800	1/2	13				
HPR/36	33125	36	900	5/8	16				
SETS									
HPR/3/ST	33130	3 Pc Set: 12" (30	00 mm), 18" (450	mm) & 24" (600 mr	n)				
HPR/4/ST	33131	4 Pc Set: 8" (200 mm), 12" (300 mm), 18" ( 450 mm) & 24" (600 mm)							
HPR/4A/ST	33132	4 Pc Set: 12" (300 mm), 18" (450 mm), 24" (600 mm) & 32" (800 mm)							
HPR/6/ST	33133	•	6 Pc Set: 8" (200 mm), 12" (300 mm), 18" (450 mm), 24" (600 mm), 32" (800 mm) & 36" (900 mm)						



# Screw Extractor Set

Manufactured from Chrome Molybdenum Steel

5 pc Screw Extractor Set with drill sizes: 1, 2, 3, 4 & 5 mm

Ideal for removing broken stubs, pipes, screws & bolts

Comes complete in a plastic box





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# Oil Filter Wrench

Plated steel body

Designed to remove engine oil filters upto 4" (100 mm) diameter

Comfortable vinyl grip

Ideal for use in automotive applications



#### **ORDERING INFORMATION**

CAT NR.	ORD NR.
SCE/5	09355

### **ORDERING INFORMATION**

_	CAT	ORD	STRAPI	LENGTH	FOR FILTER
	NR.	NR.	(INCH)	(MM)	DIA.
	OFW/S/8	62000	20	510	Upto 4" (100 mm)

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# **Piston Ring Compressors**

**PRC** 

Made from high grade spring steel

Self locking ratchet pawl prevents premature release

Friction proof edge allows smooth & accurate piston fitting operation

Tension band eliminates bottom flare

Ratchet key included



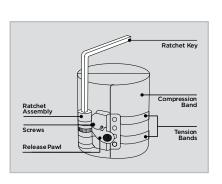


Large



X-Large

CAT	ORD	SIZE	MAX. RI	NG DIA.	MIN. RII	NG DIA.	HEI	SHT
NR.	NR.		(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)
PRC/1-2/53-125-75	62010	Small	5	125	2-1/2	53	3	75
PRC/1-2/60-175-100	62011	Large	7	175	2-3/8	60	4	100
PRC/1-2/60-175-150	62012	X-Large	7	175	2-3/8	60	6	150





# **Gear Pullers**

BPL

Pullers with 2 or 3 jaw options for external & internal pulling of gears, bearings etc.

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









CAT NR.	ORD NR.			SPRI RAN		SAFE WORKING LOAD	
		(INCH)	(MM)	(INCH)	(MM)	(TON)	
2 JAW		,	`			•	
BPL/2J/3	36020	3	75	1 - 7/16	37-75	2	
★BPL/2J/4	36021	4	100	2 - 4	50-100	4	
★BPL/2J/6	36022	6	150	3 - 6	75-150	6	
BPL/2J/8	36023	8	200	4 - 8	100-200	10	
3 JAW		•					
BPL/3J/3	36030	3	75	1 - 7/16	37-75	3	
<b>★</b> BPL/3J/4	36031	4	100	2 - 4	50-100	6	
<b>★</b> BPL/3J/6	36032	6	150	3 - 6	75-150	9	
BPL/3J/8	36033	8	200	4 - 8	100-200	15	





3 Jaw Puller used for removing tyre hub





# **Quick Change Ratcheting Gear Pullers**

**BPL-RT** 

Quick & convenient to use Gear Puller upto **5X quick** than traditional pullers.

#### Speed:

Quick & convenient conversion from 2 to 3 jaw configurations. 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

#### 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























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

CAT	ORD	MAX. REACH		SPR	EAD	SAFE WORKING LOAD	
NR.	NR.	(INCH)	CH) (MM) (INCH		(MM)	(TON)	
BPL/RT/2T	36040	3.1	80	2.0 - 3.1	50 - 80	2	
<b>★</b> BPL/RT/5T	36041	6.0	150	3.9 - 6.0	100 - 150	5	
BPL/RT/7T	36042	8.6	218	4.9 - 8.6	125 - 218	7	





## **Hydraulic Bottle Jacks**

JACK/BT

The GROZ Hydraulic Bottle Jacks come with a "Load Limiting Device" a unique safety feature to make sure that the jack is not accidentally used beyond the rated capacity.

#### Leak-Proof Performance:

Welded construction ensures leak proof performance

#### **Higher Stability:**

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

#### Increased Durability:

Due to internally machined oil passages, smooth bearing surfaces and close tolerances.

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

Powder coated 2 piece lifting lever rod with pressed ends for convenient opening & closing of pressure release valve

#### Stronger Grip:

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

100% factory tested

50% safety overload factor

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









#### **VARIANTS**











CAT	ORD	ORD LIFT RANGE		CAPACITY		IDEAL FOR USE WITH	
NR.	NR. (MM) (INCH) (TON)		(KG)				
◆JACK/BT/2W	61710	175 - 339	7 to 13-11/32	2	1815	Passenger Cars, Taxi's etc.	
JACK/BT/4W	61711	190 - 368	7 7/16 to 14-13/16	4	3629	Passenger Cars, Taxi, Pick-Up Trucks, SUV's, MUV's, Vans, LCV's, Mini Trucks	
*JACK/BT/12W	61714	230 - 465	9-1/16 to 18-5/16	12	10886	HCV, Trucks (9-24 ton), Buses	
<b>★</b> JACK/BT/20W	61715	240 - 450	9-7/16 to 17-11/16	20	18144	HCV, Trucks (24 - 40 ton)	
JACK/BT/32W	61716	260 - 420	10-5/16 to 16-9/16	32	29030	Trailers, Dumpers (40 - 60 ton), RV's	
JACK/BT/50W	61717	280 - 450	11 to 17-11/16	50	45359	Dumpers (60 - 120 tons)	





PRINT

#### DOUBLE PUSH LOCK INDEXING PRY BAR

### **Product Brief**

#### **Unmatched Access**

Double Push Lock Mechanism with head indexable through 180° & 11 locking positions

#### **Robust Construction**

Forged from Chrome Molybdenum steel, the indexing head & gear are wear resistant and ideal for high strength applications

#### Versatile & Adjustable Access

Push button indexing head allows user to easily change the head position, maximizing the leverage point to get the job done

Double push lock safety feature prevents accidental unlocking of head

#### Meets & exceeds ASME specifications

### **Industrial Manganese Phosphate Finish**

To help protect against corrosion hence making these pry bars more durable

Ideal for engine re-positioning and placement, aligning steel components, removing bearing from housing, re-positioning of intricate parts in heavy equipment etc.





CAT NR.	ORD NR.	SIZE	SIZE
		(INCH)	(MM)
IPRY/8	33190	8	200
IPRY/16	33191	16	420
IPRY/24	33192	24	600
IPRY/33	33193	33	830

#### **EXTENDED REACH PIN PUNCHES**

#### **Product Brief**

Forged from high quality Chrome Steel with square shank

Accurately hardened and tempered so that the Pin will withstand continuous use

Working ends are accurately ground with rust resistant Black Oxide Finish

Composite material handle made of LDPE & EVA for safety, comfort & reduced fatigue.

Punch Body extends through the handle and connects with the end cap to provide a solid striking surface

Metal striking cap allows hammering without any damage to the handle

16" (400 mm) length allows increased access for hard to reach areas thus increasing leverage











CAT NR.	ORD NR.	PIN DIAMETER (D)	STOCK SIZE	STOCK SIZE	OVERALL LENGTH	OVERALL LENGTH
		(INCH) / (MM)	(INCH)	(MM)	(INCH)	(MM)
HPP/1-4	33145	1/4 (INCH) / 6 (MM)	7/16	11	16	400
HPP/5-16	33146	5/16 (INCH) / 8 (MM)	7/16	11	16	400
HPP/3-8	33147	3/8 (INCH) / 10 (MM)	7/16	11	16	400
HPP/3/ST	33148	Set of above Extended Reach Pin Punches				

#### **HOOK AND PICK SETS**

#### **Product Brief**

Heat-treated tool steel shaft hardened upto 50-58 HRC for varied applications

Lightweight aluminum handle makes the product versatile and easy to carry

Knurled grip helps prevent slipping in wet or oily hands.

Available in following variations:

### • Fixed Head Design

Standard Fixed Head Design with Hooks & Picks for General usage

#### • Unique Interchangeable Design

Innovative design with Screw Type Hooks & Picks for Convenient Storage

Hooks and picks are used for the following purposes:

- Separating wires
- Removing fuses
- Removing "O" rings
- Retrieving washers
- Replacing Springs
- Removing Cotter pins
- Access around wiring, hoses, and other engine bay obstacles
- Scribing on Metal/Wooden Surfaces

Consists of the following Hooks and Picks:

- Straight Pick
- 35° Bent/Complex Pick
- 90° Bent Pick
- 180° Hook



CAI NR.	ORD NR.	DESCRIPTION
KIT/HKP/4/ST	03251	Set of 4 Hook and Pick Set consists of Straight Pick, 35 deg Pick, 90 deg Pick and 180 deg Hook with fixed heads
KIT/HKP/5/ST	03252	Set of 5pc consists of 1 body and 3 Picks (Standard, 35 deg, 90 deg) and 180 deg Hook



#### STRAP WRENCH

### **Product Brief**

Aluminium I-beam handle for increases 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



CAT NR.	CAT NR.	ORD NR.	STRAP LENGTH	STRAP LENGTH	STRAP WIDTH	STRAP WIDTH	FOR OBJECTS WITH DIA.
			(INCH)	(MM)	(INCH)	(MM)	
STW/12G	STW/12G	62009	36	914	1-1/16	27	9" (230 mm)
STW/18G	STW/18G	62014	34	864	1-3/4	44	8" (203 mm)

#### **HYDRAULIC FLOOR JACK 3 TON**

#### **Product Brief**

#### Construction

Extra heavy duty steel body for ultimate stability and rigidity

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

Nylon wheels for easy manoeuvrability and positioning

2 piece handle for ease of use and reduced operator fatigue. Protective sleeve on the handle prevents accidental damage to vehicle panels during use

#### 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

#### **Performance - 3X Faster Performance**

Fast lifting design for quick jump start to reach lifting point

WEIGHT	LIFT RANGE
33 KG	5-1/4" - 18-1/4"
(72.6 LBS)	(133 MM - 465 MM)



CAT NR.	ORD NR.	DIMENSIONS	DIMENSIONS
		(INCH)	(MM)
JACK/FL/3D	61750	27 x 13 - 1/2 x 6 - 1/8	682 x 344 x 155

#### **HOOK & PICK TOOL**

#### **Product Brief**

Heat-treated tool steel shaft hardened upto 50-58 HRC for varied applications

Lightweight aluminum body makes the product versatile and easy to carry

Knurled grip helps prevent slipping in wet or oily hands

Integrated 1 piece tool which is both hook & pick

Extended reach hook & pick designed for reaching confined spaces and getting the job done

Hooks and picks are used for the following purposes:

- · Separating wires
- Removing fuses
- Removing "O" rings
- · Retrieving washers
- Replacing Springs
- Removing Cotter pins
- Access around wiring, hoses, and other engine bay obstacles
- Scribing on Metal/Wooden Surfaces

Consists of the following Hook & Pick:

- Double Angle Pick
- 180° Hook



CAT NR.	ORD NR.	DESCRIPTION	LENGTH	LENGTH
			(INCH)	(MM)
HKP/01	03250	Hook & Pick Tool	9-1/2	240

#### **HOOK & PICK SETS EXTENDED REACH**

#### **Product Brief**

Heat-treated tool steel shaft hardened upto 50-58 HRC for varied applications

Lightweight aluminum handle makes the product versatile and easy to carry

Knurled grip helps prevent slipping in wet or oily hands

Extended reach hooks & picks designed for reaching confined spaces and getting the job done

Hooks and picks are used for the following purposes:

- · Separating wires
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- Removing "O" rings
- · Retrieving washers
- Replacing Springs
- Removing Cotter pins
- Access around wiring, hoses, and other engine bay obstacles
- Scribing on Metal/Wooden Surfaces

#### Consists of the following Hooks and Picks:

- Straight Pick
- 35° Bent/Complex Pick
- Combination Pick
- Double Angle Pick
- 90° Bent Pick
- 180° Hook



CAT NR.	ORD NR.	DESCRIPTION

KIT/HKP/4L/ST	03253	Set of 4 Hook and Pick Set consists of Straight Pick, 35deg Pick, 90deg Pick and 180deg Hook
KIT/HKP/6L/ST	03254	Set of 6 Hook and Pick Set consists of Straight Pick, 35deg Pick, 90deg Pick, Combination Pick, Double Angle Pick and 180deg Hook

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