



HAND TOOLS

Leading the way...

AASKAY

An IATF 16949: 2016 Company

Leading the way



“ Our vision is to attain a competitive advantage by supplying premium quality products with flawless service and in this regard to build a strong brand name in international & domestic markets. ”

Late Mr. P. P. Gupta, founder

Aarkay Forge is serving the hand tool industry with dedication, workmanship and expertise since 1992.

Aarkay Forge meets the needs of its customers in ways that are safe, reliable and environment friendly. Our business is united by a value system that capitalizes on our resources and a management team that has vast experience and expertise.

At Aarkay hand tools, the most important part in each stage of production is assurance of quality, which adhere to national and international standards in addition to customer requirements.



Our tools combine a broad range of properties that makes them practical and adaptable. As long as suitable tools is chosen AARKAY tools are efficient, safe and produced from high quality steel. the production of the tools is done according to IATF 16949 : 2016, ISO 9001 : 2016, ISO 14001: 2015, BS OH SAS 18001: 2007

Aarkay' strategy is simple. We offer more value to our customers through a more efficient delivery mechanism. to achieve this, we develop a seamless partnership with our clients yielding greater productivity.

The strategy in itself is not unique, what is unique is how we deliver it.



...We specialise in your challenge



AARKAY is recognized for its dedication towards quality.

The hand tools that are quietly making their mark in both international and domestic markets are a product of this sprawling 100,000 Sq Ft. area in Faridabad, a reputed industrial hub in northern Indian state of Haryana.

The manufacturing area is equipped with most modern infrastructure and facilities, is the floor where some world class hand tools are manufactured. Aarkay Forge is all about Hand Tools.



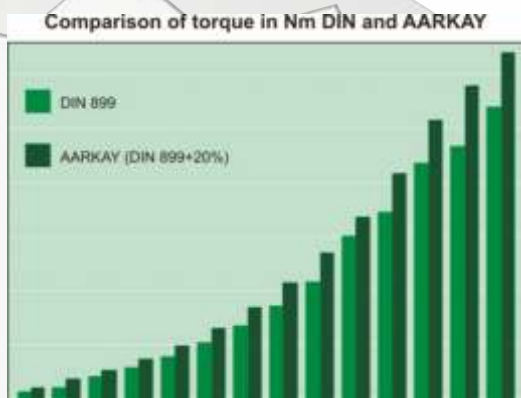
We are team-oriented with involvement by all.
We are accountable for results, and we deliver.
We have high integrity and respect for others.

Like we said, our hand tools ride on the best of infrastructure and is driven by its own quality standards. Our manufacturing process includes:

- Continuous Heat Treatment Shaker Hearth furnace, which has controlled atmosphere having Gas Fired hardening chamber that ensures no burning, scaling or decarb layer, a huge advantage over conventional oil fired furnaces.
- Conveyor based tempering furnace that is all electrical, which ensures even grain structure for the tools. All forgings are done by induction heating, which keeps the environment in the forge shop hygienic and free from pollution and smoke.



- Machining for various required sizes and specifications is done on CNC/SPM/VMC Lathe / Milling / Thread Rolling and Drilling machines. The three profilator machines, equipped to profile different sections take care of the different shapes from round to hex to square etc.
- Complete in-house testing facilities for hardness, computerized torque, plating thickness, load test, endurance test and salt spray life.
- The visual appeal of our tools is enhanced because these tools are shot blasted, belt grinded and vibro polished before being plated. The plating and phosphating plant is spacious with clean working environment





...We guarantee superior service & best quality



Quality of products and services is assured through the rigorous implementation, effective monitoring and continuous update of Aarkay's fully certified quality system. The system forms the cornerstone of our continuous improvement programme. Our stringent, uncompromising quality standards come into play at the very beginning of our manufacturing process. All the steel used in our manufacturing is chrome vanadium. These are sourced from reputed steel rolling mills in the country. They are then put through series of tests to ensure best quality.

We inspect our tools that leaves our plant at each stage of production and therefore all products come with a complete warranty to you.



Angle Socket Wrenches

Standards :

DIN 475.2-899

NFE 74300-74303-74381

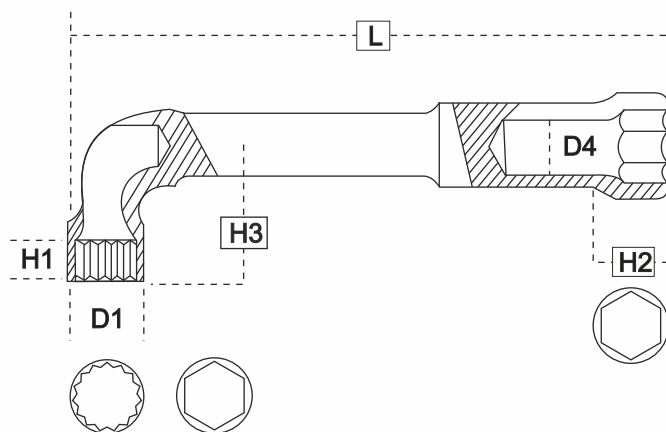


Elbow Milled Angle Wrenches are manufactured from Chrome Vanadium Steel (31CrV3), fully hardened to HRC 40~44. Available in Full Polished Ni Cr Plated finish and Head Polished Matt Chrome Plated Finish.

Available in size : 6mm to 36mm

Code No. 120001

6 point x 12 point; 30 Increments



Size	D1	D4	H1	H2	H3	L	Wt.
6x6	13	6	8	12	26	105	65
7x7	14	6	8	12	26	107	70
8x8	14	6	9	13	27	112	80
9x9	14	6	9	14	27	120	85
10x10	15.5	7	10	14	29	130	105
11x11	16.5	8	10	14	32	136	115
12x12	18.5	8	10	14	34	145	145
13x13	20	9	11	14	36	154	170
14x14	21	9	12	16	38	160	185
15x15	22.5	11	13	17	40	170	215
16x16	24	11	15	19	44	178	240
17x17	25.5	11	15	19	47	187	275
18x18	26.5	13	16	21	50	195	345
19x19	28	13	17	21	50	205	385

Size	D1	D4	H1	H2	H3	L	Wt.
20x20	30	14	17	22	52	212	490
21x21	32	15	18	24	55	225	550
22x22	32	15	18	24	55	225	550
23x23	34	16	20	28	63	248	715
24x24	35.5	17	21	28	65	248	750
25x25	37	17	23	30	67	270	795
26x26	38	17	24	32	67	270	885
27x27	38	19	26	34	68	280	890
28x28	40	19	26	34	70	290	920
29x29	41	20	27	36	74	300	1120
30x30	42	21	27	36	76	310	1220
32x32	45	23	28	36	86	330	1470
34x34	47	23	30	38	92	340	1620
36x36	50	25	32	40	100	355	1755



Angle Socket Wrenches

Code No. 120003

6 point x 6 point with Hole.
Manufactured from Chrome
Vanadium Steel (31 Cr V3). Fully
hardened to HRC 40-44.

Available in full polished Ni Cr plated finish and
Head polished matt Cr plated finish

Size : 6mm to 36mm.

6 point x 12 point; 30 Increments

*** For dimensions refer to chart of 120001.**

These Angle Socket Wrenches are hot upset
forged, giving a unique grain pattern and
upgraded performance.

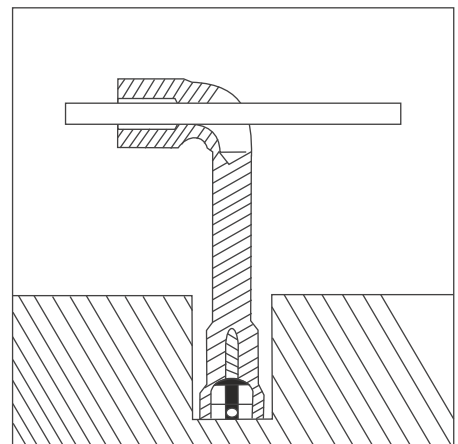
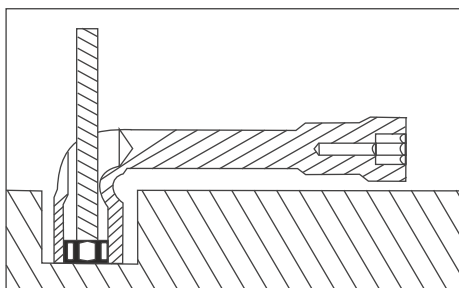


PACKING OPTIONS



Convenient

1. Deep profile grooves and the additional open end to the sockets provide an answer to most problems of accessibility, even with extra-long studs.
2. The angle and through-hole of wrenches are designed to accommodate long threads or a bar for additional torque without affecting tool strength.





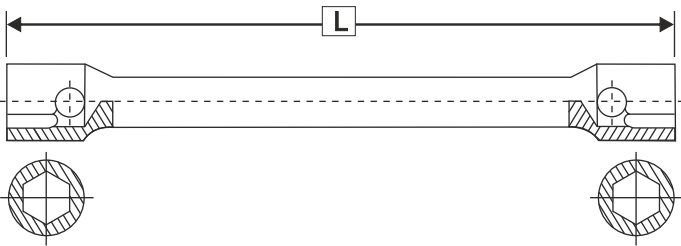
Wheel Nut Wrenches

Heavy Duty Wheel Nut Wrenches

Code No. - 270001

Torque as per DIN 899

Hot forged from Chrome vanadium Steel, hardened. Available in Zinc/Nickle Chrome/Black finish.



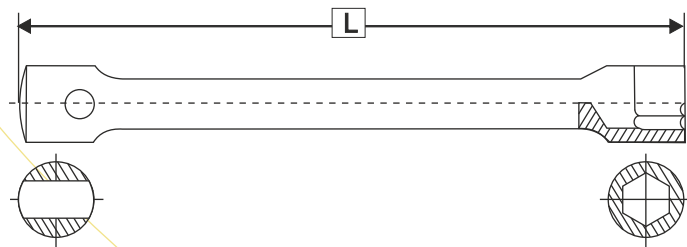
Size	Size SAE	L	Wt.
19x22	-	400	880
22x24	-	315	625
24x26	-	250	1500
24x27	15/16x1.3/16	250/400	1500/2000
27x27	1.1/16x1.1/16	400	2000
27x30	1.1/16x1.3/16	400	2000
27x32	1.1/16x1.1/4	400	2000
27x33	1.1/16x1.5/16	250/400	1500/2000
30x30	1.3/16x1.3/16	400	2000
30x32	1.3/16x1.1/4	400	2000
30x33	1.1/4x1.5/16	400	2000
32x32	1.1/4x1.1/4	400	2000
32x33	1.1/4x1.5/16	400	2000
21sqx38Hex		400	2300
21sqx41Hex		400	2300

Heavy Duty Wheel Nut Wrenches (Single Ended)

Code No. - 270002

As per DIN 3112

Hot forged from Chrome vanadium Steel, hardened. Available in Zinc/Nickle Chrome/Black finish.



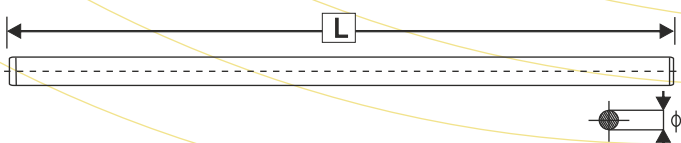
Size	L	Wt.
19	225	360
22	225	360
24	300	765
27	300	780
30	300	850
32	300	850

Tommy Bars

Code No. - 270003

As per DIN 900

Manufactured from Chrome Vanadium Steel, hardened. Available in Zinc/Nickle Chrome/Black finish.



Size	L	Wt.
Ø 14 with notching	450	520
Ø 18 with notching	400	790
Ø 19 with notching	400	1000
Ø 20 with notching	500	1200
Ø 22 with notching	750	2200
Ø 22 with notching	630	2670



Solid Tubular Box Wrenches

Standard

Code No. - 260002

DIN 896 form A

ISO 2236, ISO 1085

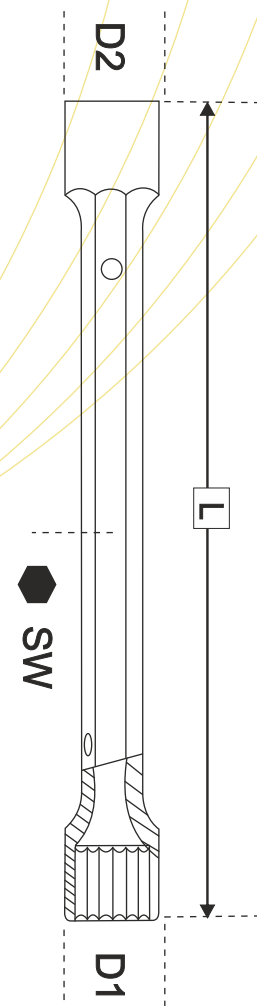
NFE 74.304

Heavy Duty Pattern, Hot forged, Profiled for Hexagon Shank, manufactured from Chrome vanadium Steel (31CrV3), full hardened, Head Polished and Ni Cr Plated.

These are from hexagon shaft holes for turning either with a spanner or a Tommy Bar. The hollow center permits access to the nuts fitted with long bolts.



Size	D1	D2	L	SW	Wt.
6x7	10	11	105	7	32
8x9	12.5	13.5	110	9	50
10x11	15	16	120	11	65
12x13	17.5	19	140	13	125
14x15	20	21.5	145	14	155
16x17	22.5	24	155	16	200
18x19	25.5	26	165	19	280
20x22	28	30	175	20	310
21x23	29	31	185	21	450
22x24	30	32.5	185	22	
24x26	32.5	36.5	195	24	530
24x27	32.5	36.5	195	24	530
25x28	34	37	205	25	540
27x29	36	39	205	25	550
27x30	36	42	205	25	620
30x32	42	44.5	210	30	870
30x34	42	47	220	30	900
32x36	44	50	230	30	970
34x36	47	50	240	30	1080
Tommy Bars					
6-19	* 7.5x165				45
20-32	* 11.8x210				160





Tubular Box Spanners

Standard

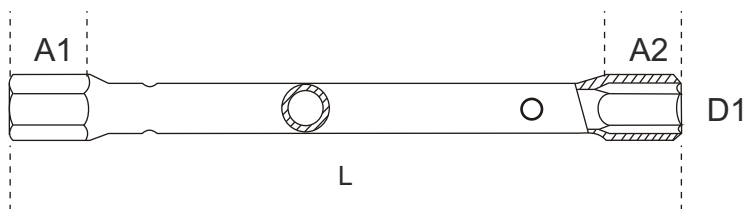
Code No. - 260001

DIN 896 form B

ISO 2236, ISO 1085

Light series, manufactured from ERW Tube, Case hardened, Zinc/Nickle Chrome plated.

Hexagon openings with flared ends to facilitate access to the fasteners. These light though versatile tools are used with Tommy Bars fitted in the transverse holes.



Size	A1	A2	L	Wt.
6x7	6	7	110	40
8x9	6	7	110	47
10x11	7	8	120	80
12x13	9	10	140	100
14x15	10	12	140	105
16x17	12	14	150	125
18x19	14	16	160	185
20x22	14	18	170	255
21x23	18	20	170	255
24x27	18	20	190	340
25x28	18	22	190	340
30x32	22	24	210	400
Graduated Tommy Bar	10x190 with steps of 5mm & 8mm			
Tommy Bars	12x250mm & 14x300mm			



T Handle Spanners

Code No. - 270004

Standards:

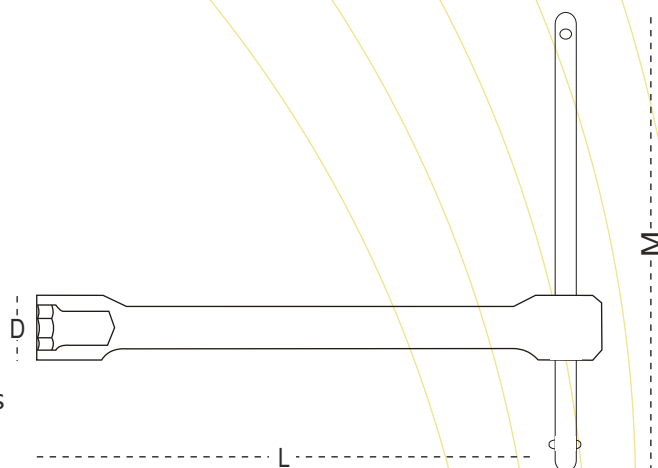
DIN 3112

ISO 2236

NFE 74.303

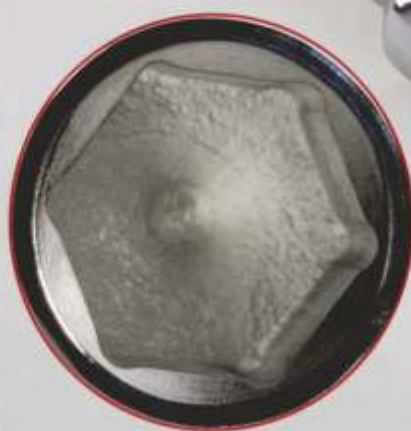
Hot Forged from selected Alloy Steel, fully hardened, Ni. Cr. Plated comes with sliding Tommy Bar as standard.

These T Handles have Ball Catch on the Sliding Bars so that can be stopped in desired position, thus preventing any accidents.



Size	D	L	M
6	9.8	215	140
7	11.4	215	140
8	13	235	140
9	14	235	140
10	15.5	260	165
11	16.5	260	165
12	17.5	260	165
13	19.5	260	165
14	21	260	165
15	22	285	200

Size	D	L	M
16	23.5	285	200
17	24.5	285	200
18	25.5	285	200
19	26.5	310	200
20	28	310	250
21	29.5	310	250
22	31	310	250
24	34	315	300
27	37	315	300
30	41.5	320	330
32	43.5	320	330



Four Way Wheel Nut Wrench

Standards

Code No. - 290001

DIN 3119

ISO 6788

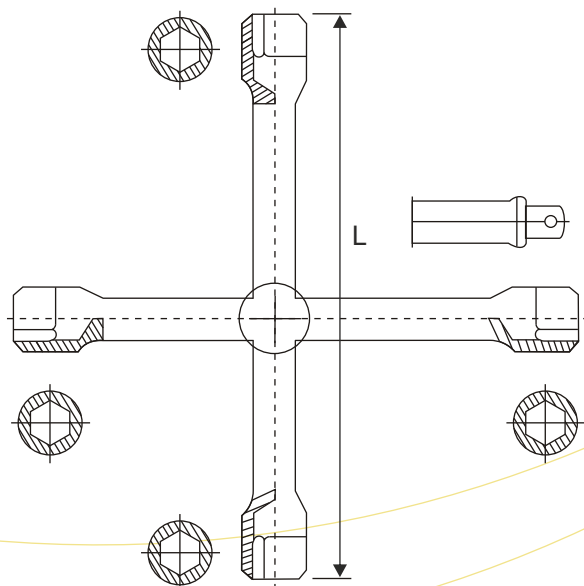
Chrome Vanadium Steel (31Cr V3), hot induction forged, fully hardened, electro welded. Available in Ni Cr plating finish/powder coated.

These are professional tools in every respect. Designed for removing Wheel Nuts on cars, light & heavy vehicles. The range boasts for....models suited to different vehicle categories....Models have 1/2" (12.7mm) or 3/4" sockets which means they will fit any wheel nut on the market worldwide.



- We also produce Four Way Wheel Wrench sockets in flange drive thereby meaning much longer service life of the wrench as well as the wheel nut.
- Four Way Wheel Nut Wrenches are also available with reinforcing.
- Also available in Folding.

Size	L	Wt.
17x3/4x13/16x7/8	Ø 14x360	1100
17x19x21x22/23	Ø 16x380	1300
17x19x21x1/2"	Ø 16x380	1300
17x19x22x13/16	Ø 16x380	1300
17x19x17x19	Ø 16x450	1520
24x27x30x32	Ø 22x625	4150
24x27x32x3/4"	Ø 22x625	4150





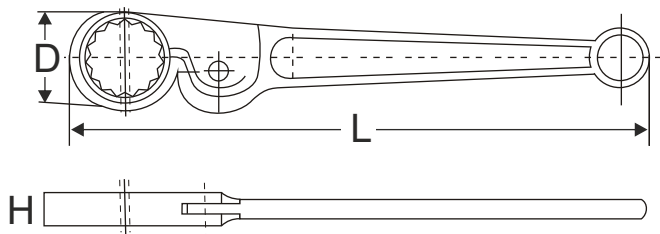
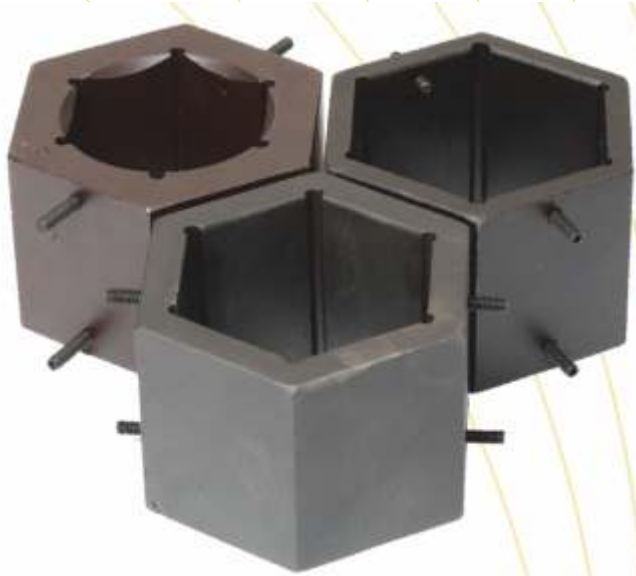
Ratchet Spanners

Code No. - 330001

Free Wheel Ratchet - complete with female double Hexagon Insert, manufactured from Chrome Vanadium Steel, fully hardened and Zinc plated.

These Free Wheel Ratchets work on the basis of friction with advantages of :

1. Stand extremely high loads, much higher than a normal ratchet.
2. Practically no wear & tear.
3. Also can be on narrow places (no dead motion).



Size	L	D	H	Wt.
24	340	50	17	630
30	350	58	17	690
36	650	85	31	3110
46	680	85	31	3200
60	720	97	31	3380
80	960	118	38	6400



Tow Hooks

Code No. - 450001

We at AARKAY Forge are fully equipped to manufacture customised

- Drop Forged Towing Hooks.
- Welded Towing Hooks.

With any thread type in any desired finish.

Our Tow Hooks are guaranteed to perform as per international quality standards.

We are equipped with :

- Automatic Welding Machine
- Load Testing
- Endurance Test
- X Ray Fluorescence Machine to check plating thickness.





L - Shape Wrenches

Code No. - 250001

Hot Forged, manufactured from Chrome Vanadium Steel/ ERW Tube. Available in Zinc/Nickle Chrome finish, with /without Chisel End.



Size	L	Wt.
19	Ø 14x275	400
21	Ø 14x260	400
24	Ø 16x260	500
27x22	Ø 20x250	1375
21 with jackhole	Ø 14x255	455
Jack Hook	Ø 9x300	165
17 Tubular	Ø 22x220	380
19 Tubular	Ø 20x260	310

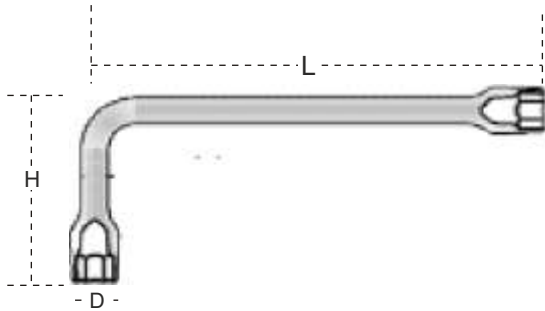




L - Shape Spanners

Code No. - 250002

Chrome Vanadium 31Cr V3 Steel. Nickle and Chrome plated. Long model, thin wall, 6 point conic ends of same gauge.



Size	D	L	H
8	12.5	220	85
9	15.3	220	85
10	15.3	220	85
11	16.3	220	85
12	18.5	235	90
13	19.5	235	90
14	19.5	250	95
15	22.0	250	95
16	22.0	250	95
17	25.0	250	95
18	25.0	250	95
19	27.5	250	95



Nut Drivers



Code No. - 210001

Standards:

DIN 3125

ISO 2236

NFE 74.303

Hot Forged from Carbon Steel, fully hardened for High Strength. Available with or without the Handles.

Heavy Duty Screw Driver for Hexagonal Headed Nut, bolt and screws. The blade is with recess in shank to accommodate long users.

* Dimensions are for Nut Driver blade only without handle.

Size	D	L1	L2
3	6.9	110	135
4	7.6	110	135
5	8.2	110	135
6	9.4	110	135
7	11	125	150
8	12.2	125	150
9	13.5	125	150
10	14.7	125	150
11	16	140	165
12	17.2	140	165
13	18.5	140	165
14	19.7	140	165

Tyre Lever

Code No. - 390001

Manufactured from special Alloy Steel both in round and flat, Hot Forged, Precision Hardened and Tempered, Ni Cr./Zinc Plated.

Flat Tyre Lever has a double T section Profile for ultimate resistance.

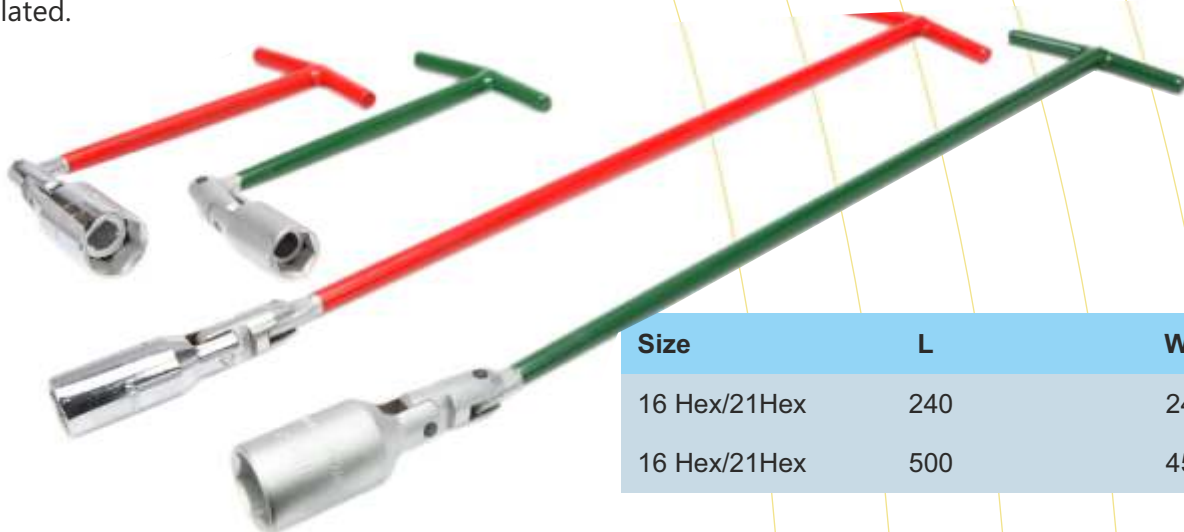
Size	L
12"	300
16"	400
20"	500
24"	600
30"	750



Swivel Socket

Code No. - 110001

Spark Plug Swivel Socket with PVC coated T Handle manufactured from Carbon Steel, Polished, Nickle Chrome Plated.



Size	L	Wt.
16 Hex/21Hex	240	245
16 Hex/21Hex	500	450

Spark Plug Spanners

Code No. - 210001 (Tubular Box Spanner)

Manufactured from ERW Tube, Zinc plated with/without Rubber Bush.



Size	L
16	140,160,280
21	140,160,280
30	240
13x19	with Screw Driver Blade
16x21	Welded Glow Spark Plug with fix handle

Socket Extensions

Code No. - 130001

Manufactured from Chrome Vanadium Steel, hardened and Nickle Chrome Plated.

Available in 3/8", 1/2" & 3/4" Sq. Drive.

Extension	L (mm)
Sliding T Handle	75, 125, 250 300



We can also make different customised tools as per your requirement.



CONDITIONS

1. Due to continuous development work on our tools, designs and specifications are subject to alteration without notice.
2. Weights and dimensions given in this Catalogue are for guideline only. There may be a little variation in actual weights and dimensions.
3. All dimensions are in millimeter (mm) and weights (wts.) in grams.

CERTIFICATIONS





AAR KAY

An IATF 16949: 2016 Company

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