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# METRIC, SAE AND WHITWORTH SIZES : COMPARATIVE CHART

| SAE | MM |
|---|---|
| 1/4 | 6.35 |
| 5/16 | 7.94 |
| 11/32 | 8.73 |
| 3/8 | 9.52 |
| 13/32 | 10.32 |
| 7/16 | 11.11 |
| 1/2 | 12.70 |
| 9/16 | 14.2 |
| 19/32 | 15.08 |
| 5/8 | 15.88 |
| 11/16 | 17.46 |
| 3/4 | 19.05 |
| 25/32 | 19.84 |
| 13/16 | 20.64 |
| 7/8 | 22.22 |
| 15/16 | 23.81 |

| SAE | MM |
|---|---|
| 1 | 25.40 |
| 1.1/16 | 26.99 |
| 1.1/8 | 28.57 |
| 1.3/16 | 30.16 |
| 1.1/4 | 31.75 |
| 1.5/16 | 33.34 |
| 1.3/8 | 34.92 |
| 1.7/16 | 36.51 |
| 1.1/2 | 38.10 |
| 1.9/16 | 39.69 |
| 1.5/8 | 41.28 |
| 1.11/16 | 42.86 |
| 1.3/4 | 44.86 |
| 1.3/16 | 44.45 |
| 1.7/8 | 46.04 |
| 2 | 47.72 |

| WW | MM |
|---|---|
| 1/16 | 6.50 |
| 3/32 | 7.54 |
| 1/8 | 8.54 |
| 3/16 | 11.30 |
| 1/4 | 13.33 |
| 5/16 | 15.24 |
| 3/8 | 18.03 |
| 7/16 | 20.83 |
| 1/2 | 23.37 |
| 9/16 | 25.65 |
| 5/8 | 27.94 |
| 3/4 | 30.48 |
| 13/16 | 33.00 |
| 7/8 | 35.30 |
| 15/16 | 37.59 |
| 1 | 40.13 |
| 1.1/8 | 42.42 |
| 1.1/4 | 47.24 |
| 1.3/8 | 52.07 |
| 1.1/2 | 56.39 |
| 1.5/8 | 61.21 |
| 1.3/4 | 65.53 |
| | 70.10 |

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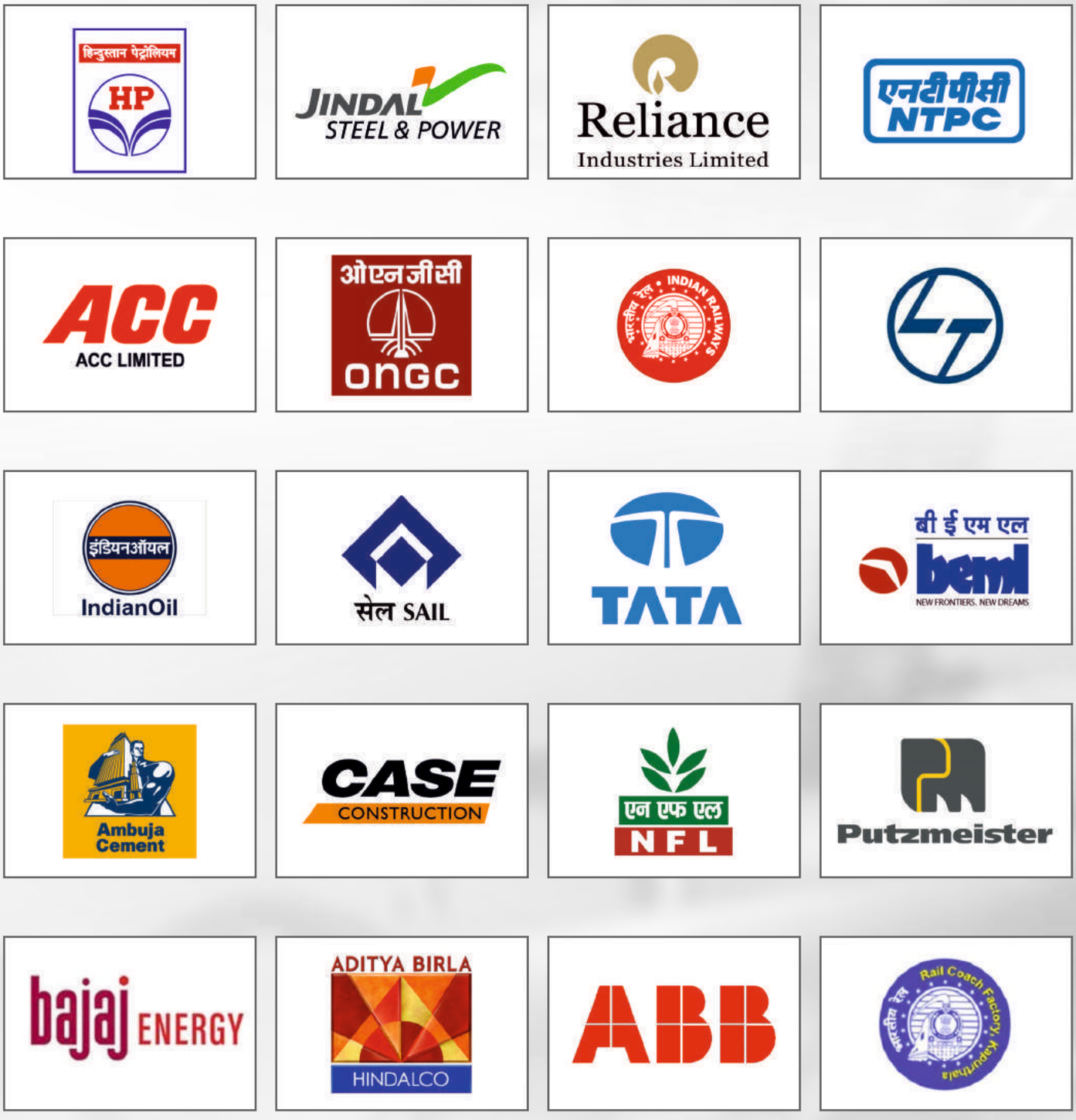
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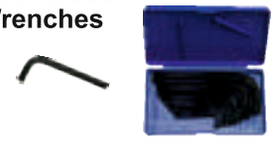

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# 12 Double Open End Spanners

Chrome Vanadium Steel, Chrome Plated,
Fully Hardened & Tempered
**Generally Conforming To IS 2028-2004**

**HSN-8204**

| Metric (mm) | Size | | Inner Packing | Std. Pkg Master Carton |
|---|---|---|---|---|
| | English (ww) | Layman (सूत) | | |
| 6x7 | | - | 10 | 600 |
| 8x9 | | - | 10 | 600 |
| 8x10 | | - | 10 | 500 |
| 10x11 | 1/8x3/16 | 1 1/2x2 | 10 | 500 |
| 10x12 | | - | 10 | 400 |
| 12x13 | 3/16x1/4 | 2x2 1/2 | 10 | 400 |
| 12x14 | | - | 10 | 250 |
| 14x15 | 1/4x5/16 | 2 1/2x3 | 10 | 250 |
| - | - | 1/2X9/16 SAE | 10 | 250 |
| 13x17 | | - | 10 | 200 |
| 14x17 | | | 10 | 200 |
| 16x17 | 5/16x3/8 | 3x3 1/2 | 10 | 200 |
| - | 5/16x7/16 | 3x4 | 10 | 160 |
| 17x19 | - | - | 10 | 160 |
| 18x19 | 3/8X7/16 | 3 1/2x4 | 10 | 160 |
| 19x22 | | - | 10 | 120 |
| 20x22 | 7/16x1/2 | 4x4 1/2 | 10 | 120 |
| 21x23 | - | - | 10 | 100 |
| 22x24 | - | - | 10 | 100 |
| - | 7/16x9/16 | 4x5 | 10 | 100 |
| 24x26 | 1/2x9/16 | 4 1/2x5 | 5 | 75 |
| 24x27 | | - | 5 | 75 |
| 25x28 | 9/16x5/8 | 5x5 1/2 | 5 | 60 |
| 27x30 | 9/16x11/16 | 5x6 | 5 | 50 |
| 27x32 | | | 5 | 50 |
| 30x32 | 5/8x3/4 | 5 1/2x7 | 5 | 50 |

**HSN-8204**

| Heavy Duty Sizes - DIN 895 | | | | |
|---|---|---|---|---|
| 30X36 | - | - | 5 | 30 |
| 32X36 | 3/4X7/8 | - | 5 | 30 |
| 34X36 | - | - | 5 | 30 |
| 34X38 | - | - | 5 | 30 |
| 36X38 | - | - | 5 | 24 |
| 36X41 | 7/8X1 | - | 2 | 24 |
| 41X46 | 1X1.1/8 | - | 2 | 20 |
| - | 7/8x1.1/8 (Spl. Size) | - | 2 | 20 |
| 46X50 | 1.1/8x1.1/4 | - | 2 | 16 |
| 50X55 | | - | 2 | 12 |
| - | 1.1/8x1.3/8 | - | 2 | 12 |
| 55X60 | - | - | 2 | 10 |
| 60X65 | - | - | 2 | 10 |
| 70X75 | - | - | 2 | 4 |

| SETS | | |
|---|---|---|
| Set No. | Contents of Sets (mm) | Std. Pkg. Master Carton |
| 12/4 M | 10x11, 12x13 14x15, 16x17 | 60 |
| 12/60 M | 6x7, 8x9, 10x11 12x13, 14x15, 16x17 | 48 |
| 12/6 M | 6x7, 8x9, 10x11, 14x15, 16x17, 18x19 | 60 |
| 12/7 M | 6x7, 8x9, 10x11, 12x13, 14x15 16x17, 18x19 | 48 |
| 12/70 M | 8x9, 10x11, 12x13, 14x15 16x17, 18x19, 20x22 | 48 |
| 12/8 M | 6x7, 8x9, 10x11, 12x13, 14x15 16x17, 18x19, 20x22 | 36 |
| 12/10 M | 6x7, 8x9, 10x11, 12x13, 14x15 16x17, 18x19, 20x22, 21x23 24x27 | 15 |
| 12/1010 M | 8x9, 10x11, 12x13, 14x15 16x17, 18x19, 20x22, 21x23 24x27, 30x32 | 15 |
| 12/100 M | 6x7, 8x9, 10x11, 12x13, 14x15 16x17, 18x19, 20x22, 24x27 30x32 | 15 |
| 12/12 M | 6x7, 8x9, 10x11, 12x13, 14x15 16x17, 18x19, 20x22, 21x23 24x26, 25x28, 27x32 | 12 |
| 12/121 M | 6x7, 8x9, 10x11, 12x13, 14x15 16x17, 18x19, 20x22, 21x23 24x27, 25x28, 30x32 | 15 |
| 12/6 W | 1/8x3/16, 3/16x1/4, 1/4x5/16 5/16x3/8, 3/8x7/16, 7/16x1/2 | 36 |
| 12/9 W | 1/8x3/16, 3/16x1/4, 1/4x5/16 5/16x3/8, 3/8x7/16, 1/2x9x/16, 7/16x1/2, 9/16x5/8, 5/8x3/4 | 12 |

# 13 Bihexagon Ring Spanners Shallow Offset

Chrome Vanadium Steel, Chrome Plated, Polished (Rings), Fully Hardened & Tempered

**Generally Conforming To IS 2029-1998**

**HSN-8204**

| Size | | | Inner Packing | Std. Pkg Master Carton |
|---|---|---|---|---|
| Metric (mm) | English (ww) | Layman (सूत) | | |
| 6x7 | — | — | 10 | 300 |
| 8x9 | — | — | 10 | 250 |
| 10x11 | — | — | 10 | 250 |
| — | 1/8x3/16 | 1½x2 | 10 | 250 |
| 12x13 | — | — | 10 | 200 |
| — | 3/16x1/4 | 2x2½ | 10 | 200 |
| 14x15 | — | — | 10 | 150 |
| — | 1/4x5/16 | 2½x3 | 10 | 150 |
| 14x17 | — | — | 10 | 150 |
| — | — | 1/2x9/16 SAE | 10 | 150 |
| 16x17 | — | — | 10 | 120 |
| — | 5/16x3/8 | 3½x4 | 10 | 120 |
| 18x19 | — | — | 10 | 100 |
| — | 3/8X7/16 | 3x3½ | 10 | 100 |
| — | 5/16x7/16 | 3x4 | 10 | 100 |
| 19x22 | — | — | 10 | 80 |
| — | 7/16x1/2 | 4x4½ | 10 | 80 |
| 20x22 | — | | 10 | 80 |
| — | 3/8X7/16 | 3½x4 | 10 | 80 |
| 21x23 | — | — | 10 | 60 |
| 22x24 | — | — | 10 | 60 |
| — | 7/16x9/16 | 4x5 | 5 | 50 |
| 24x26 | — | — | 5 | 50 |
| — | 1/2x9/16 | 4½x5 | 5 | 50 |
| 24x27 | — | — | 5 | 50 |
| 25x28 | — | — | 5 | 40 |
| — | 9/16x5/8 | 5x5½ | 5 | 40 |
| 27x32 | — | — | 5 | 30 |
| — | 9/16x11/16 | 5x6 | 5 | 30 |
| 30x32 | — | — | 5 | 30 |
| — | 5/8x3/4 | 5½x7 | 5 | 30 |

| Sets | | |
|---|---|---|
| Set No. | Contents of Sets (mm) | Std. Pkg. Master Carton |
| 13/4 M | 10x11, 12x13 14x15, 16x17 | 48 |
| 13/6 M | 6x7, 8x9, 10x11 12x13, 14x15, 16x17 | 36 |
| 13/66 M | 6x7, 8x9, 10x11 14x15, 16x17, 18x19 | 36 |
| 13/60 M | 8x9, 10x11, 12x13 14x15, 16x17, 18x19 | 36 |
| 13/7 M | 8x9, 10x11, 12x13 14x15, 16x17, 18x19, 20x22 | 24 |
| 13/8 M | 6x7, 8x9, 10x11, 12x13 14x15, 16x17, 18x19, 20x22 | 24 |
| 13/10 M | 6x7, 8x9, 10x11, 12x13 14x15, 16x17, 18x19 20x22, 24x27, 30x32 | 8 |
| 13/1010 M | 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 21x23, 24x27, 30x32 | 8 |
| 13/12 M | 6x7, 8x9, 10x11, 12x13, 14x15 16x17, 18x19, 20x22, 21x23 24x27, 25x28, 30x32 | 8 |
| 13/6 W | 1/8x3/16, 3/16x1/4, 1/4x5/16 5/16x3/8, 3/8x7/16, 7/16x1/2 | 24 |
| 13/9 W | 1/8x3/16, 3/16x1/4, 1/4x5/16 5/16x3/8, 3/8x7/16, 1/2x9x/16, 7/16x1/2, 9/16x5/8, 5/8x3/4 | 8 |

**HSN-8204**

| Deep Offset Bihexagon Ring Spanners No. 2 | | |
|---|---|---|
| Size | | |
| Metric (mm) | Inner Packing | Std. Pkg. Master Carton |
| 6x7 | 10 | 250 |
| 8x9 | 10 | 200 |
| 8x10 | 10 | 250 |
| 10x11 | 10 | 200 |
| 10x12 | 10 | 200 |
| 12x13 | 10 | 150 |
| 12x14 | 10 | 150 |
| 13x17 | 10 | 120 |
| 14x15 | 10 | 120 |
| 14x17 | 10 | 120 |
| 16x17 | 10 | 100 |
| 17x19 | 10 | 100 |
| 18x19 | 10 | 80 |
| 20x22 | 10 | 60 |
| 21x23 | 10 | 60 |
| 24x27 | 5 | 50 |
| 25x28 | 5 | 40 |
| 30x32 | 5 | 30 |

| Deep Offset Bihexagon Ring Spanners Heavy Duty Size - No. 2 | | | | |
|---|---|---|---|---|
| Size | | | | |
| Metric (mm) | English (ww) | American (Sae) | Inner Packing | Std. Pkg. Master Carton |
| 32x36 | 3/4x7/8 | - | 2 | 20 |
| 34x36 | - | - | 2 | 20 |
| 34x38 | - | - | 2 | 20 |
| 36x38 | - | - | 2 | 16 |
| 36x41 | 7/8x1 | - | 2 | 16 |
| 41x46 | 1x1.1/8 | - | 2 | 12 |
| - | 7/8x1.1/8 Spl Size | - | 2 | 12 |
| 46x50 | 1.1/8x1.1/4 | - | 2 | 8 |
| 50x55 | - | - | 2 | 5 |
| - | 1.1/8x1.3/8 | - | 2 | 5 |
| 55x60 | - | - | 2 | 5 |
| 65x70 | - | - | 2 | 3 |
| 70x75 | - | - | 2 | 3 |
| 75x80 | - | - | 2 | 3 |

## DIN-894 Single Ended Open Jaw Spanners

Selected Steel, Fully Hardened & Tempered

**Generally Conforming To IS 2028-2004**

**HSN-8204**

| Size | | | |
|---|---|---|---|
| Metric (mm) | English (ww) | Inches | Std. Pkg. Master Carton |
| 18 | - | - | - |
| 19 | - | - | - |
| 24 | - | - | - |
| 27 | - | - | - |
| 30 | - | - | 60 |
| 32 | - | - | 60 |
| 34 | - | - | 40 |
| 36 | 13/16 | - | 30 |
| 38 | - | - | 30 |
| 41 | 1 | - | 24 |
| 46 | 1.1/8 | - | 20 |
| 48 | - | - | 20 |
| 50 | 1.1/4 | - | 16 |
| 55 | 1.3/8 | 2" | 15 |
| 60 | 1.1/2 | - | 15 |
| 65 | 1.5/8 | - | 12 |
| 70 | 1.3/4 | - | 7 |
| 75 | 1.7/8 | - | 7 |
| 80 | 2 | - | 5 |
| 85 | - | - | 5 |
| 90 | 2.1/2 BSF | - | 5 |
| 95 | - | - | 4 |
| 100 | 2.3/4 BSF | - | 2 |
| 105 | 3 BSF | - | 2 |

## 17J Combination Open & Box End Wrenches-Jumbo

Selected Steel, Fully Hardened & Tempered

**HSN-8204**

| Size |
|---|
| Metric (mm) |
| 33 |
| 34 |
| 35 |
| 36 |
| 38 |
| 41 |
| 43 |
| 44 |
| 46 |
| 48 |
| 50 |

## 14 Combination Open & Box End Wrenches

Made of Selected Steel, Chrome Plated, Fully Hardened & Tempered

**Generally Conforming To IS 6389-1972**

HSN-8204

New

| Size | | |
|---|---|---|
| Metric (mm) | Inner Packing | Std. Pkg. Master Carton |
| 6 | 10 | 500 |
| 7 | 10 | 500 |
| 8 | 10 | 400 |
| 9 | 10 | 400 |
| 10 | 10 | 250 |
| 11 | 10 | 250 |
| 12 | 10 | 200 |
| 13 | 10 | 200 |
| 14 | 10 | 160 |
| 15 | 10 | 120 |
| 16 | 10 | 120 |
| 17 | 10 | 120 |
| 18 | 10 | 120 |
| 19 | 10 | 120 |
| 20 | 10 | 100 |
| 21 | 10 | 80 |
| 22 | 10 | 80 |
| 23 | 10 | 80 |
| 24 | 10 | 80 |
| 25 | 10 | 60 |
| 26 | 5 | 50 |
| 27 | 5 | 50 |
| 28 | 5 | 40 |
| 29 | 5 | 40 |
| 30 | 5 | 30 |
| 32 | 5 | 30 |

New

| Sets | | |
|---|---|---|
| Set No. | Contents Of Sets (mm) | Std. Pkg. Master Carton |
| 14/08M | 8,9,10,11,13, 14,17, & 19 | 20 |
| 14/012M | 6,7,8,9,10,11,12,13, 14,17,19,& 22 | 15 |
| 14/25M | 6,7,8,9,10,11,12,13,14, 15,16,17,18,19,20 21,22,23,24,25,26,27, 28,30 & 32 | 3 |

## 306 Sledge Type SingleEnded Bihexagon Ring Spanners

Available in Burnished Finish.
**Generally Conforming To IS 4509-1992**
Chrome Vanadium Steel

**HSN-8204**

| Size mm | English (ww) | Std. Pkd. Master Carton |
|---|---|---|
| 24 | - | 80 |
| 27 | - | 60 |
| 30 | - | 30 |
| 32 | 1/2 | 30 |
| 34 | 5/8 | 30 |
| 36 | 11/16 | 30 |
| 38 | 3/4 | 20 |
| 41 | - | 20 |
| 46 | 13/16 | 20 |
| 50 | 7/8 | 16 |
| 55 | 15/16.1 | 12 |
| 60 | 1.1/8 | 10 |
| 65 | 1.1/4 | 8 |
| 70 | 1.3/8 | 6 |
| 75 | 1.1/2 | 4 |
| 80 | 1.5/8 | 4 |
| 85 | 1.3/4 | 4 |
| 90 | 1.7/8 | 2 |
| 95 | 2 | 2 |
| 100 | 2.1/4 | 2 |
| 105 | - | 2 |
| 110 | - | 1 |
| 115 | - | 1 |
| 120 | - | 1 |
| 125 | - | 1 |
| 130 | - | 1 |
| 135 | - | 1 |
| 140 | - | 1 |
| 145 | - | 1 |

## 133 Sledge Type SingleEnded Open Jaw Spanners

Available in Burnished Finish
**Generally Conforming To IS 4509-1992**
Chrome Vanadium Steel

**HSN-8204**

| Size mm | English (ww) | Std. Pkd. Master Carton |
|---|---|---|
| 24 | - | 60 |
| 27 | - | 50 |
| 30 | - | 40 |
| 32 | 1/2 | 40 |
| 34 | 5/8 | 40 |
| 36 | 11/16 | 30 |
| 38 | 3/4 | 20 |
| 41 | - | 20 |
| 46 | 13/16 | 16 |
| 50 | 7/8 | 12 |
| 55 | 15/16.1 | 10 |
| 60 | 1.1/8 | 8 |
| 65 | 1.1/4 | 6 |
| 70 | 1.3/8 | 5 |
| 75 | 1.1/2 | 4 |
| 80 | 1.5/8 | 3 |
| 85 | 1.3/4 | 3 |
| 90 | 1.7/8 | 2 |
| 95 | 2 | 1 |
| 100 | 2.1/4 | 1 |
| 105 | | 1 |
| 110 | | 1 |
| 115 | | 1 |
| 120 | | 1 |
| 125 | | 1 |
| 130 | | 1 |
| 135 | | 1 |
| 140 | | 1 |
| 145 | | 1 |

## 8602 & 8604 Ball Pein & Cross Pein Hammers

Induction Hardened & Tempered
**Generally Conforming To IS 841-1983**

**HSN-8205**

| Size mm | Inner Packing | Std. Pkg. |
|---|---|---|
| 100 gms | 2 | 50 |
| 200 gms | 2 | 45 |
| 300 gms | 2 | 40 |
| 500 gms | 2 | 32 |
| 600 gms | 2 | 20 |
| 800 gms | 2 | 20 |

## 8608 Sledge Hammer Heads Made in Selected Steel

Induction Hardened & Tempered
**Generally Conforming To IS 841-1983**

**HSN-8205**

| Size | Std. Pkg. |
|---|---|
| 1.0Lb (450 gms) | 40 |
| 1.5Lb (675 gms) | 30 |
| 2.0Lb (900 gms) | 20 |
| 3.0Lb (1350 gms) | 15 |
| 4.0Lb (1800 gms) | 10 |
| 6.0Lb (2700 gms) | 8 |
| 8.0Lb (3600 gms) | 5 |
| 10.0Lb (4500 gms) | 5 |
| 12.0Lb (5400 gms) | 4 |
| 14.0Lb (6300 gms) | 4 |

## 8609 Sledge Hammers with Fiber Glass Handle

Professional Series

HSN-8205

| Size | Master Carton |
|---|---|
| 1.0Lb (450 gms) | 30 |
| 1.5Lb (675 gms) | 25 |
| 2.0Lb (900 gms) | 15 |
| 3.0Lb (1350 gms) | 10 |
| 4.0Lb (1800 gms) | 10 |
| 6.0Lb (2700 gms) | 4 |
| 8.0Lb (3600 gms) | 2 |
| 10.0Lb (4500 gms) | 2 |
| 12.0Lb (5400 gms) | 2 |
| 14.0Lb (6300 gms) | 2 |

## 8610 Soft Faced Mallet Hammers

Generally Conforming To IS 10838-1984

Mallets Are Made From High Impact Cellulose Accetate

HSN-8204

| Dia (mm) | Shelf Carton Pkg. | Master Pkg. |
|---|---|---|
| 25 | 2 | 40 |
| 30 | 2 | 32 |
| 40 | 2 | 10 |
| 50 | 2 | 20 |

## 8610A Soft Faced Plastic Hammers Spares

| Dia (mm) |
|---|
| 25 |
| 30 |
| 40 |
| 50 |

## 128 Claw Hammers with Grip Handle

Generally Conforming To IS 654 -1989

HSN- 8205

| Product Code | Weight (Gms) | Std. Pkg. |
|---|---|---|
| CL-340 | 340 | 2 |
| CL-450 | 450 | 2 |

## 352A Forged Chisels, Octagonal Shape

Selected Steel, Induction Hardened & Tempered

**Generally Conforming To IS 402-1990**

HSN-8205

| Code No. | Dimension Sizes | | Inner Pkg. | Std. Pkg. |
|---|---|---|---|---|
| | Width of Edge (mm) | Length (mm) | | |
| 107 | 10 | 125 | 10 | 200 |
| 117 | 16 | 150 | 10 | 150 |
| 123 | 22 | 200 | 5 | 80 |
| 126 | 25 | 200 | 5 | 50 |
| 127 | 30 | 250 | 5 | 40 |
| 130 | 32 | 300 | 5 | 25 |

## 353A Flat Chisels

Selected Steel, Induction Hardened & Tempered

HSN-8205

| Article | Length (mm) | Cutting Edge (mm) | Inner Pkg. | Std. Pkg. |
|---|---|---|---|---|
| 3531 | 150 | 20 | 10 | 150 |
| 3532 | 200 | 25 | 10 | 100 |
| 3533 | 250 | 25 | 10 | 80 |

## 354 Cutting Chisel

In Selected Steel, Induction Hardened & Temperd

HSN-8205

| Article | Size Length (mm) | Cutting Edge (mm) |
|---|---|---|
| 354 | 100 | 40 |

## D19/J19 12.5mm (1/2") Drive BI-Hex / Hex Sockets

Chrome Vanadium Steel, Chrome Plated
**Generally Conforming To IS 7381-1986**

**HSN-8205**

| Size | |
|---|---|
| Metric (mm) | Std. Pkg. Master Carton |
| 8 | 10 |
| 9 | 10 |
| 10 | 10 |
| 11 | 10 |
| 12 | 10 |
| 13 | 10 |
| 14 | 10 |
| 15 | 10 |
| 16 | 10 |
| 17 | 10 |
| 18 | 10 |
| 19 | 10 |
| 20 | 10 |
| 21 | 10 |
| 22 | 10 |
| 23 | 10 |
| 24 | 10 |
| 25 | 10 |
| 26 | 10 |
| 27 | 5 |
| 28 | 5 |
| 29 | 5 |
| 30 | 5 |
| 32 | 5 |

Note : Imported sockets are available in MM size only.

## 12.5 MM(1/2") Drive Hex & BI-Hex Socket Set

Chrome Vanadium Steel, Chrome Plated & Polished

| Set No. | Contents of Sets (mm) | Std. Pkg. |
|---|---|---|
| D-19/J19RM (INDIAN) (18 Sockets + 1 Attachment) | 10,11,12,13,14,15,16, 17,18,19,20,21,22,23, 24,27,30 & 32mm With Reversible Ratchet 1993QR(I) | 6 |
| D-19/J19 SM (INDIAN) (Indian / Imported Sockets in Steel Box ) (22 Sockets + 6 Attachment) | 8,9,10,11,12,13,14,15, 16,17,18,19,20,21,22, 23,24,26,27,28,30,32mm Accessories 1985, 1987, 1990/5, 1991, 1993QR(I)Reversible Ratchet, 1995 | 4 |
| D-19/J19 TM (IMPORTED) (Imported Mirror Finish in Steel Box ) (19 Sockets + 5 Attachment) | 10,11,12,13,14,15, 16,17,18,19,20,21,22, 23,24,26,27,30,32mm Accessories 1987, 1990/5, 1991, 1993QR(I)Reversible Ratchet, 1995 | 4 |
| D-19SM/J-19 SM (Imported Sockets in Steel Box With Moulding) (22 Sockets + 6 Attachment) | 8,9,10,11,12,13,14,15, 16,17,18,19,20,21,22, 23,24,26,27,28,30,32mm Accessories 1985, 1987, 1990/5, 1991, 1993QR(I) Reversible Ratchet, 1995 | 4 |

## 12.5 MM(1/2") Drive Sockets Attachments (Special Alloy Steel)

**HSN-8207**

| No. | Description | Std. Pkg. Master Carton |
|---|---|---|
| 1981PK(6") | L-Handle (150mm) | 80 |
| 1981K(8") | L-Handle (200mm) | 60 |
| 1981L(10") | L-Handle (250mm) | 40 |
| 1981L(12") | L-Handle (300mm) | 25 |
| 1981L(18") Heavy Duty | L-Handle (450mm) | 20 |

**HSN-8207**

| No. | Description | Std. Pkg. Master Carton |
|---|---|---|
| 1990/3 | Extension 75mm | 145 |
| 1990/5 | Extension 125mm | 120 |
| 1990/7 | Extension 175mm | 80 |
| 1991 | Extension 250mm | 45 |

**HSN-8207**

| No. | Description | Std. Pkg. Master Carton |
|---|---|---|
| 1993QR(I) | Reversible Ratchet Quick Release Heavy Duty | 50 |

**HSN-8207**

| No. | Description | Std. Pkg. Master Carton |
|---|---|---|
| 1985 | Speed Brace 410mm | 20 |
| 1987 | Sliding Bar Handle 290 | 40 |
| 1995 | Universal Joint | 150 |

## New 141 1/4 "Square Drive Socket Set (46 Pcs.)

**HSN-8205**

| Set No. | Contents of Sets (mm) | Std. Pkg. |
|---|---|---|
| JS 46 (34 Sockets + 12 Accessories) | 21-Bit Sockets : SLA 4.5,5,7 PH 1,2,3, HEX3,4,5,6,7,8, T10,15,20,2530,35,40 13-1/4"DR Sockets : 4.5,5,5.5,6,7,8,9,10,11, 12,13,14mm 3-HEX KEY WRENCHES : 1.5,2.0.2.5mm 1-1/4" DR UNIVERSAL JOINT, 1-1/4" X2 EXTENSION BA 1-1/4" X6 FLEXIBLE EXTENSION , 1-1/4" DR SLINDING T BAR 1-1/4" QUICK RATCHET HANDLE , 1-6" SPINNER HANDLE 1-BIT ADAPTOR 1-BLOW CASE | 10 |

## D-32 19mm (3/4") Sq. Drive Bi-Hex & Hex Sockets

Chrome Vanadium Steel, Chrome Plated
Fully Hardened & Tempered
**Generally Conforming To IS 6131-1980 & 7381-1986**

HSN-8205

| Sockets | | |
|---|---|---|
| Metric mm | English (ww) | Std. Pkg. |
| 22 | 1/2 | 100 |
| 24 | 9/16 | 100 |
| 27 | 5/8 | 80 |
| 28 | | 80 |
| 30 | 11/16 | 60 |
| 32 | 3/4 | 60 |
| 34 | - | 60 |
| 36 | 13/16 | 40 |
| 38 | 7/8 | 40 |
| 41 | 1 | 40 |
| 46 | 1.1/8 | 30 |
| 50 | 1.1/4 | 30 |
| 55 | 1.3/8 | 20 |
| 60 | 1.1/2 | 20 |

| Attachments | | |
|---|---|---|
| No. | Description | Std. Pkg. |
| 3281L | L. Handle 450mm | 20 |
| 3287 | Sliding Bar Handle 500mm | 20 |
| 3290 | Extension 215 mm | 30 |
| 3291 | Extension 430 mm | 20 |
| 3295 | Universal Joint | 50 |
| 3293 QR(I) | Reversible Ratchet with Quick Release Heavy Duty | 10 |

## 19mm 3/4" Drive BI-Hex Socket Sets

HSN-8205

| Set No. | Contents of Sets | Std. Pkd. |
|---|---|---|
| D-32 TM-II (with 3293U3) | 22, 24, 27, 30, 32, 36, 38, 41, 46, 50mm **Accessories** 3287, 3290, 3291, 3293U3 | 02 |

## D-45 25mm (1") Sq. Drive Impact Sockets

Generally Conforming To IS 7993-1988

HSN-8205

| Sockets |
|---|
| Metric mm |
| 24 |
| 27 |
| 30 |
| 32 |
| 36 |
| 38 |
| 41 |
| 46 |
| 50 |
| 55 |
| 60 |
| 65 |
| 70 |
| 75 |
| 80 |
| 85 |

| Attachment | |
|---|---|
| No. | Description |
| 4587 | Sliding Bar Handle |
| 4590 | Extension 200mm |
| 4591 | Extension 400mm |

## Convertors

HSN-8205

| Set No. | Contents of Sets |
|---|---|
| No. 1932 | Female 1/2"x Male 3/4" |
| No. 3219 | Female 3/4" Male 1/2" |

## 26TA Tubular Box Spanners

Made from Selected Steel Tubing, Zinc / Chrome Plated
**Generally Conforming To IS 2030-1989**

HSN-8204

| Metric Sizes (mm) | Inner Packing | Std. Pkg. |
|---|---|---|
| 6x7 | 10 | 360 |
| 8x9 | 10 | 360 |
| 9x10 | 10 | 240 |
| 10x11 | 10 | 240 |
| 12x13 | 10 | 160 |
| 14x15 | 10 | 160 |
| 14x17 | 10 | 150 |
| 16x17 | 10 | 150 |
| 17x19 | 10 | 100 |
| 18x19 | 10 | 100 |
| 19x22 | 10 | 80 |
| 20x22 | 10 | 80 |
| 21x23 | 10 | 80 |
| 22x24 | 10 | 60 |
| 24x26 | 5 | 45 |
| 24x27 | 5 | 50 |
| 25x28 | 5 | 50 |
| 27x32 | 5 | 50 |
| 30x32 | 5 | 50 |

## 26TA Tubular Box Spanner Sets

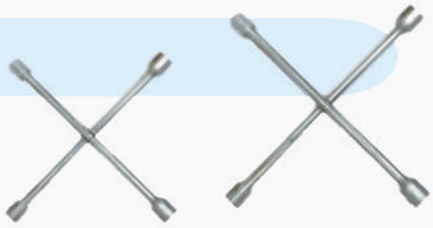
Selected Steel Tubing, Chrome Plated

HSN-8204

| Set No. | Contents of Sets | Std. Pkg. |
|---|---|---|
| 26TA/6M | 6x7, 8x9, x10x11, 12x13, 14x15, 16x17 Tommy Bar 10mm dia x 190mm Along with step of 8mm & 5mm | 24 |
| 26TA/8M | 6x7, 8x9, 10x11, 12x13, 14x15 16x17, 18x19, 20x22mm with Tommy Bar 10mm dia x 190mm Along with steps of 8mm & 5mm | 20 |
| 26TA/12M | 6x7 to 30x32 with Tommy Bar of 10x19 | 10 |

## 29 Cross Rim Wrenches - Selected Carbon Steel, Chrome Plated Induction Hardened & Tempered

**Generally Conforming To IS 12521-1988**



**HSN-8204**

| Description | Std. Pkg. |
|---|---|
| **29UM** Four Way Size (17mm x 19mm) & (18mm x 21mm) | 12 |

## 27 Heavy Duty Wheel Wrenches

Selected Steel, Chrome Plated,
Fully Hardened & Tempered

**HSN-8204**

| Size mm | Length (mm) | Std. Pkg. |
|---|---|---|
| 24x27 (Telco) | 400 | 10 |
| 27x27 (Tata) | 400 | 10 |
| 27x30 (Tata) | 400 | 10 |
| 27x32 (Tata) | 400 | 10 |
| 27x33 (Tata/Layland) | 400 | 10 |
| 30x32 (Tata) | 400 | 10 |
| 32x32 (Tata) | 400 | 10 |
| 30x30 | 400 | 10 |
| 33x33 (Ashok Layland) | 400 | 10 |

| Size (mm) | Length (mm) | Prices | Std. Pkg. |
|---|---|---|---|
| 32x32 | 550 | 1125 | 8 |
| 33x33 | 550 | 1125 | 8 |

## Tommy Bars to be used for Heavy Duty Wrenches

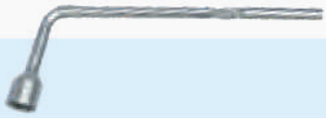
**HSN-8204**

(Made Out of Selected Carbon Steel), Fully Hardened.

| Size (mm) |
|---|
| 19x400 |
| 19x750 |

## 25 S Wheel Spanners Hexagon Head

Selected Steel, Chrome Plated,
**Generally Conforming To IS 11874-1987**



**HSN-8204**

| No. | Size | Length (mm) | Std. Pkg. |
|---|---|---|---|
| 25 (Indica) | 18 mm | 250 | 30 |
| 25 M (Maruti) with Hole | 19-3/4 SAE | 275 | 30 |
| 25B Bajaj | 19-3/4 SAE | 290 | 30 |
| 25 Mahindra | 20.9 mm | 310 | 30 |
| 25 (Inova / Toyota) with Hole | 21 mm | 275 | 30 |

## 125 Solid Box Wheel Wrenches (For Tractors)

Selected Steel, Chrome Plated,
Fully Hardened & Tempered

**HSN-8204**

| Size mm | Length (mm) | Std. Pkg. |
|---|---|---|
| 19X22 | 250 | 20 |
| 24x27 | 250 | 20 |
| 24x26 | 250 | 20 |
| 22x24 | 250 | 20 |
| 27x32 | 250 | 20 |
| 27x33 | 250 | 20 |
| 30x32 | 250 | 20 |
| 32x32 | 250 | 20 |

## 92 All Steel Bench Vices

- The Body of The Bench Vices are Made of Fabricated Steel
- Bench Vices Are Hardened & Tempered Jaws Are Made of Carbon Steel

**HSN-8205**

| Artical No. | Sizes | | Weigth |
|---|---|---|---|
| | In Inch | In mm | |
| 923 | 3 | 75 | 3 KG |
| 924 | 4 | 100 | 5 KG |
| 925 | 5 | 125 | 11 KG |
| 926 | 6 | 150 | 13 KG |
| 928 | 8 | 200 | 17 KG |

## 42A Allen Head Wrenches

CRV Steel, Burnished Finish, Ful y Hardened & Tempered, **Generally Conforming To IS 3082-1988**

Heavy Duty

HSN-8204

| MM | SAE | Inner Packing |
|---|---|---|
| 1.5 | 1/16 | 50 |
| 2 | 5/64 | 50 |
| 2.5 | 3/32 | 50 |
| 3 | 1/8 | 50 |
| 4 | 5/32 | 20 |
| 5 | 3/16 | 20 |
| 6 | 7/32 | 20 |
| 7 | 1/4 | 10 |
| 8 | 5/16 | 10 |
| 9 | - | 10 |
| 10 | 3/8 | 10 |
| 12 | 1/2 | 10 |
| 14 | 9/16 | 10 |
| 17 | 5/8 | 5 |
| 19 | 3/4 | 5 |
| 22 | - | 1 |
| - | 7/8* | 1 |
| - | 1* | 1 |
| 24 | - | 1 |
| 27 | - | 1 |
| 30 | - | 1 |
| 32 | - | 1 |
| 36 | - | 1 |

## 42A Allen Head Wrench Sets

**CRV Steel Burnished Finish**

SAE Sizes

| Set No. | Contents of sets SAE | Std. Pkg. Master carton |
|---|---|---|
| 42/7A (In Polybags) | 5/64, 3/32, 1/8, 5/32, 3/16, 7/32 & 1/4 | 72 |
| 42/8A (In Polybags) | 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32 & 1/4 | 72 |
| 42/9A (In Polybags) | 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8 | 60 |
| 42/10A (In Box) | 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, & 3/8 | 60 |
| **mm Sizes** | | |
| 42/8M (In Blister) | 2, 2.5, 3, 4, 5, 6, 8, 10 | 60 |
| 42/9M (In Box) | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 | 60 |

## 91 Adjustable Wrenches

Standard Pattern Selected Steel
**Generally Conforming To IS 6149-1984**

HSN-8204

B-Burnished With Rounded Head, C-Chrome Plated With Polished Heads

| Size | Capacity (mm) | Std. Pkg. Master Carton |
|---|---|---|
| 150 MM 6" | 19 | 100 |
| 200 MM 8" | 26 | 60 |
| 250 MM 10" | 30 | 36 |
| 300 MM 12" | 35 | 24 |
| 375 MM 15" | 43 | 15 |
| 450 MM 18" | 55 | 10 |
| 600 MM 24" | 62 | 6 |

## 228 Heavy Duty Pipe Wrenches Aluminium Alloy

Generally Conforming To IS 4003 (Part-II)-1986

HSN-8205

| Size (Inches) | Std. Pkg. Master Carton |
|---|---|
| 250 MM 10" | 36 |
| 300 MM 12" | 24 |
| 350 MM 14" | 20 |
| 450 MM 18" | 12 |
| 600 MM 24" | 8 |

## 210 Chain Pipe Wrenches

**Generally Conforming To IS 4123-1982**

HSN-8204

| Size (mm) |
|---|
| 210 (2") |
| 210 (3") |
| 210 (4") |
| 210 (6") |
| 210 (8") |
| 210 (12") |
| 210 (14") |

## 210A Hollow Chain Pipe Wrench

Generally Conforming To IS 4123-1982

HSN-8204

| Size (mm) |
|---|
| 210A (3") |

## 225 Pipe Wrenches, Stillson Pattern

Selected Carbon Steel, Handles Red Japanned
**Generally Conforming To IS 4003 (Part-I) 1978**

HSN-8204

| Size (Inches) | Capacity (mm) | Inner Packing | Std. Pkg. Master Carton |
|---|---|---|---|
| 200 MM 8" | 27 | 6 | 60 |
| 250 MM 10" | 35 | 6 | 36 |
| 300 MM 12" | 44 | 6 | 24 |
| 350 MM 14" | 48 | 4 | 20 |
| 450 MM 18" | 60 | 4 | 12 |
| 600 MM 24" | 76 | 2 | 8 |
| 900 MM 36" | 100 | 1 | 4 |
| 1200 MM 48" | 145 | 1 | 2 |

## 227 Heavy Duty Pipe Wrenches

**Generally Conforming To IS 4003 (Part-II) 1986**
Made From Alloy Steel.

HSN-8204

| Size (Inches) | Max. Gripping Capacity (mm) | Std. Pkg. Master Carton |
|---|---|---|
| 200 MM 8" | - | - |
| 250 MM 10" | - | 15 |
| 300 MM 12" | - | 12 |
| 350 MM 14" | 63 | 10 |
| 450 MM 18" | 75 | 8 |
| 600 MM 24" | 90 | 4 |
| 900 MM 36" | 140 | 2 |
| 1200 MM 48" | 165 | 1 |

## 137 Vice Grip Pliers Drop Forged Jaws

Carbon Steel, Chrome Plated
**Generally Conforming To IS 10372-1982**

HSN-8203

| Size (Inches) |
|---|
| 250 MM 10" |

## 80 Slip Joint Pliers

Chrome Vanadium Steel
**Generally Conforming To IS 13323-1992**

HSN-8203

| Size | Std. Pkg. Master Carton |
|---|---|
| 806 | 100 |
| 808 | 60 |

## 145 Water Pump Plier

Selected Steel **Generally Conforming To IS 6118-191**
Chrome Plated With Polished Head

HSN-8203

| Size (Inches) | Capacity (mm) | Inner Pkg. | Std. Pkg. Master Carton |
|---|---|---|---|
| 250 | 40 | 6 | 60 |

## 83 Diagonal Cutting Plier

Hardened Tempered Selected Steel
**Generally Conforming To IS 4378-1990**

HSN-8203

| No. Packing | Size (mm) | Inner Packing | Std. Pkg. Master Carton |
|---|---|---|---|
| 836 | 150 (6") | 10 | 100 |

## 146 Box Joint Water Pump Plier

Chrome Vanadium Steel
**Generally Conforming To IS 6118-1991**

5 pcs Free in each Carton of 70 Pcs (65+5Free)

HSN-8203

| Size | Inner Pkg. | Std. Pkg. Master Carton |
|---|---|---|
| 250 MM | 12 | 70 |

## 85 Wire Striper

Induction Hardened & Tempered
**Generally Conforming To IS 5087-1969**

HSN-8203

| No. Packing | Inner Packing | Std. Pkg. Master Carton |
|---|---|---|
| 855 | 80 | 120 |

## 87 Circlip Pliers

Induction Hardened & Tempered
Chrome Vanadium Steel
**Generally Conforming To IS 7989-1976 (INT), 7990-1976 (EXT)**

**HSN-8203**

| Product Code | Size | Specification | Inner Pkg. | Std. Pkg. |
|---|---|---|---|---|
| 87 IB | 175 MM 7" | Internal Bent | 6 | 72 |
| 87 IS | 175 MM 7" | Internal Straight | 6 | 72 |
| 87 EB | 175 MM 7" | External Bent | 6 | 72 |
| 87 ES | 175 MM 7" | External Straight | 6 | 72 |

## 818A Combination Side Cutting Plier

Selected steel with blue sleeves

**HSN-8203**

| No. Packing | Size (mm) | Inner Packing | Std. Pkg. Master Carton |
|---|---|---|---|
| 818A | 200 (8") | 12 | 72 |

## 81 Combination Side Cutting Pliers

Selected Steel,
**Generally Conforming To IS 2615/1998/3650-1981**

**HSN-8203**

| No. | Size (mm) | Inner Packing | Std. Pkg. Master Carton |
|---|---|---|---|
| 816 | 150 (6") | 10 | 80 |
| 817 | 175 (7") | 6 | 60 |
| 818 | 200 (8") CV steel | 6 | 60 |
| 810 | 250 (10") | 2 | 40 |

## 81PS COMBINATION PLIER-HEAVY DUTY-PROFESSIONAL SERIES

Blister Packing

HARDENED AND TEMPERED
GENERALLY CONFORMING IS IS 3650-1981

**HSN-8203**

| Size | Price Per Pc. |
|---|---|
| 200mm(8) | 315 |

## 05 Bolt Cutters

Induction hardened & tempered Chrome Vanadium Steel
**Suitable for cutting metal upto 25HRC (Hardness)**
**Generally Conforming To IS 5200-1998**

**HSN-8203**

| Item No. | Length MM | Weigth |
|---|---|---|
| 512 | 300 (12") | 0.75 kg |
| 514 | 350 (14") | 1.00 kg |
| 518 | 450 (18") | 1.50 kg |
| 524 | 600 (24") | 2.40 kg |
| 530 | 750 (30") | 4.00 kg |
| 536 | 900 (36") | 5.5 kg |
| 542 | 1050 (42") | 8.0 kg |

## 05A Spare Jaws of Bolt Cutter

**HSN-8203**

| Item No. |
|---|
| 512A |
| 514A |
| 518A |
| 524A |
| 530A |
| 536A |
| 542A |

## 84 Long Nose Pliers

**Generally Conforming To IS 5658-1990**

**HSN-8203**

| No. Packing | Size (mm) | Inner Packing | Std. Pkg. Master Carton |
|---|---|---|---|
| 846 | 165 (61/2") | 10 | 100 |
| 848 | 200 (8") | 10 | 80 |

## 358 Cobbler Pincer

**Induction Hardened & Tempered In Selected Steel**

**HSN-8203**

| Article | Size Length (mm) | Std. Pkg |
|---|---|---|
| 358 | 200- (8") | 36 |

## 603 Line Tester

Screw Driver With Green/Yellow Neon Bulb With Plated Metal Clip Blades From Selected Steel, Chrome Plated & Insulated.
**Generally Conforming To IS 5579-1985 (Grade-2)**

**HSN-8205**

| No. | Handle Size (mm) | Blade Size (mm) | Tip Size (mm) | Inner Packing | Std. Pkg. |
|---|---|---|---|---|---|
| 603 | 13x60 | 3.6x60 | 0.4x3.6 | 10 | 250 |

## 73 Screw Drivers Electrician Patterns

Blades from Selected Steel, Chrome Plated
**Generally Conforming To IS 844-1979**

**HSN-8205**

| No | Blade Size (mm) | Handle Size (mm) | Tips Size (mm) | Inner Packing | Std. Pkg. |
|---|---|---|---|---|---|
| 732 | 3X50 | 18X75 | 0.5X3 | 10 | 400 |
| 733 | 3X75 | 18X75 | 0.5X3 | 10 | 300 |
| 734 | 4X100 | 18X75 | 0.6X4 | 10 | 200 |
| 735 | 4X125 | 18X75 | 0.6X4 | 10 | 250 |
| 736 | 5X150 | 22X90 | 0.6X5 | 10 | 150 |
| 738 | 5X200 | 22X90 | 0.8X5 | 10 | 100 |
| 7310 | 5X250 | 22X90 | 0.8X5 | 10 | 100 |
| 7312 | 5X300 | 22X90 | 0.8X5 | 10 | 100 |

## 70 Reversible 2 in 1 Screw Drivers

(In Amery Colour) Blades From Selected Steel, Chrome Plated.
**Generally Conforming To IS 844-1979**

**HSN-8205**

| No | Blade Size (mm) | Tip Size (mm) | Inner Pkg. | Std. Pkg. |
|---|---|---|---|---|
| 700 | 6x100 | 0.8x6.0 (Philips No. 2) | 10 | 120 |
| 701 | 6x150 | 0.8x6.0 (Philips No. 2) | 10 | 120 |
| 702 | 6x200 | 0.8x6.0 (Philips No. 2) | 10 | 80 |
| 703 | 6x250 | 0.8x6.0 (Philips No. 2) | 10 | 80 |
| 704 | 6x300 | 0.8x6.0 (Philips No. 2) | 10 | 80 |

## 78 Screw Driver Kit

Screw Driver Kit (With Neon Bulb, With Eight Blades Consisting Extra Rod)
**Generally Conforming To IS 844-1979**

**HSN-8205**

| Item | Inner Packing | Std. Pkg. |
|---|---|---|
| Screw Driver Kit | 5 | 50 |

## 71 In Green Handle

Reversible 2 in 1 Screw Drivers,
Blades From Selected Steel, Chrome Plated.
**Generally Conforming To IS 844-1979**

**HSN-8205**

| No | Blade Size (mm) | Tip Size (mm) | Inner Packing | Std. Pkg. |
|---|---|---|---|---|
| 710 | 6x100 | 0.8x6.0 (Philips No. 2) | 10 | 120 |
| 711 | 6x150 | 0.8x6.0 (Philips No. 2) | 10 | 120 |
| 712 | 6x200 | 0.8x6.0 (Philips No. 2) | 10 | 80 |
| 713 | 6x250 | 0.8x6.0 (Philips No. 2) | 10 | 80 |
| 714 | 6x300 | 0.8x6.0 (Philips No. 2) | 10 | 80 |

## 72 Screw Driver Engineers Patterns

Blades From Selected Steel, Chrome Plated.
**Generally Conforming To IS 844-1979**

**HSN-8205**

| No. | Blade Size (mm) | Handle Size (mm) | Tips Size (mm) | Inner Pkg. | Std. Pkg. |
|---|---|---|---|---|---|
| 723 | 5x75 | 18x75 | 0.6x5 | 10 | 160 |
| 724 | 6x100 | 22x90 | 0.6x6 | 10 | 160 |
| 725 | 6x125 | 22x90 | 0.8x6 | 10 | 150 |
| 7266 | 6x150 | 22x90 | 0.8x6 | 10 | 150 |
| 7288 | 6x200 | 22x90 | 0.8x6 | 10 | 100 |
| 7212 | 6x300 | 22x90 | 0.8x6 | 10 | 80 |
| 726 | 8x150 | 26x110 | 1.0x8 | 10 | 120 |
| 728 | 8x200 | 26x110 | 1.2x8 | 10 | 100 |
| 7210 | 8x250 | 29x110 | 1.2x8 | 10 | 80 |
| 7212 A | 8x300 | 29x110 | 1.2x8 | 10 | 100 |

## 135 Screw Drivers (Unbreakable)
**Slotted Head - Striking**

HSN- 8205

| Product No. | Blade Size Dia x Length (mm) | Tip Dimension mm | Std. Pkg. in a Box | Std. Pkg. in Carton |
|---|---|---|---|---|
| 1316 | 8x150 | 8.0x1.2 | 10 Pcs. | 200 Pcs. |
| 1318 | 8x200 | 8.0x1.2 | 10 Pcs. | 200 Pcs. |
| 1310 | 8x250 | 8.0x1.2 | 10 Pcs. | 200 Pcs. |
| 1312 | 8x300 | 8.0x1.2 | 10 Pcs. | 200 Pcs. |

## 138 Voltage Alert Tester

HSN- 8206

| Item |
|---|
| Voltage Alert Tester |

## 147 Two in One Stubby Screw Driver

HSN- 8205

| Product No. | Blade Length mm | Tip Dimen. mm | Std. Pkg. |
|---|---|---|---|
| 147 | 30 | 2 Phillips 6.0 x 0.8 | 10 |

## 131 Grease Gun (Push Type)

HSN- 8205

| Product Code | Size (OZ) | Capacity (gms) | Std. Pkg. |
|---|---|---|---|
| 126A | 4 | 280 | 25 |
| 126B | 8 | 450 | 25 |

## 140 Precision Screw Driver Sets
**(For Mobile & Laptop)**

Induction Hardened & Tempered Chrome Vanadium Steel

New

HSN-8205

| Content | Inner Pkg. | Std. Pkg. |
|---|---|---|
| **Consisting 30 Extra Blades** (PH000-2, Flat 1.5-4mm Torx T4-T10, Poker Round 1.5-4mm Poker Triangle 2.0-2.3mm) | 10 | 100 |

## 90 Oil Can Pump

HSN-8413

| Product Code | Size (Pint) | Inner Packing | Std. Pkg. |
|---|---|---|---|
| 901 | 1/4 | 6 | 54 |
| 902 | 1/2 | 6 | 54 |
| 903 | 3/4 | 6 | 36 |
| 904 | 1 | 6 | 36 |

## 93 Grease Gun with Fixed Spout

HSN-8205

| Product Code | Piston Size (Inch) | Capacity | | Std. Packing |
|---|---|---|---|---|
| | | OZ | GMS | |
| 931 (In Gray colour) | 1/2 | 15 | 420 | 15 |
| 932 (In Black colour) | 5/8 | 15 | 420 | 15 |

## 97 Bucket Grease Gun With Trolley

Use Full For Cleaning Greasing Of Trucks & Machinery Pump Has Steel Construction With Cast Head And Solid Steel Pump Chamber. High Pressure Hand Operated Portable Pump Comes Complete With 2.2 Meter Of High Pressure House Fitted With Accessories.

*No Replacement if semisolid / dusted grease is used

**HSN-8413**

| Model No. | Capacity |
|---|---|
| 970 | 3 kg |
| 971 | 5 kg |
| 972 | 10 kg |
| 973 | 15 kg |
| 974 | 20 kg |

## 97A Repairing Kit

**HSN-8413**

| Model No. | Contents |
|---|---|
| Repairing kit | Seal Bush, Seal Plate, Stopper Plunger, O Ring, Backup Washer, Plunger Rod, Seal Plunger |

## 116 Rotary Barrel Pump

**HSN-8203**

| Item Code | Size | Pcs. per Carton |
|---|---|---|
| 116 | 90mm | 6 |

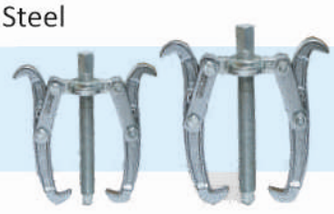
## 105 Home Tool Kit

**HSN 8204**

| Contents of Tool Kit | Pkg. |
|---|---|
| De Spanner 6x7-20x22 (Item Code : 12/8M)<br>Pipe Wrench 12" (Item Code : 225/12),<br>Screw Driver Kit (Item Code : 78)<br>Combination Plier (Item Code : 818A),<br>Adjustable Wrench 12" (Item Code : 91/12)<br>Hammer 200gm (Item Code : 8602/200)<br>Chisel 10x125mm (Item Code : 352A/107)<br>Allen key Set (Item Code : 42/9M)<br>Pouch | 01 |

## 98 Bearing Pullar 2 legs (Chrome Plated)

Chrome Vanadium Steel

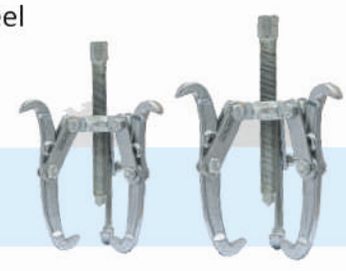


**HSN-8205**

| Product Code | Sizes |
|---|---|
| 983 | 3"- 75mm |
| 984 | 4"- 100mm |
| 986 | 6"- 150mm |
| 988 | 8"- 200mm |

## 99 Bearing Pullar 3 legs (Chrome Plated)

Chrome Vanadium Steel



**HSN-8205**

| Product Code | Sizes |
|---|---|
| 993 | 3"- 75mm |
| 994 | 4"- 100mm |
| 996 | 6"- 150mm |
| 998 | 8"- 250mm |
| 9910 | 10"- 250mm |
| 9912 | 12"-300mm |

## 106 Centre Punches

Generally Conforming to IS 7177-1999

HSN-8203

| Item code | Length (mm) | Shelf Carton Pkg. |
|---|---|---|
| 4" | 100 | 10 |
| 5" | 125 | 10 |
| 6" | 150 | 10 |

## 122 Centre Punch Professional Series

*Generally Conforming to IS 6087-1971

HSN- 8203

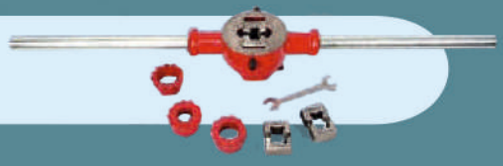
| Item Code | Sizes | Shelf Carton Packing |
|---|---|---|
| 122A | 5"x3/8"x1/8" | 10 |
| 122B | 6"x1/2"x1/4" | 10 |

## 112 Ratchet Die Sets

HSN-8205

| Item Code | | Spare Chaser |
|---|---|---|
| 112A | 1/2, 3/4, 1 | 1090 |
| 112B | 1-1/4, 1-1/2, 2 | 2062 |

## 113 Pipe Die Sets



HSN-8205

| Item Code | Size |
|---|---|
| 113A | 1/2, 3/4, 1 |
| 113B | 1-1/4, 1-1/2,2 |

## 107 Feeler Gauge (26 Blades in mm)

Made From Stainless Steel

HSN-9017

| Item Code | Size | Length | No. of Blade |
|---|---|---|---|
| 4" | 0.03mm - 1.0mm | 4" | 26 |
| 6" | 0.03mm - 1.0mm | 6" | 26 |
| 12" | 0.03mm - 1.0mm | 12" | 26 |
| 1MTR. | 0.03mm - 1.0mm | 1 mtr. | 26 |

## 110 Jack Planes - Smooth Base

HSN-8205

| Size | Master Carton Packing |
|---|---|
| 4 (9") | 4 |
| 5 (14") | 5 |
| 6 (18") | 6 |

## 111 Jack Planes - Blade

HSN-8466

| Size mm | Shelf Carton Packing |
|---|---|
| 50 | 10 |

## 114 Block Planes

HSN-8205

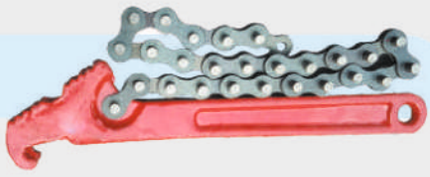
| Product Code | Size | Master Carton Packing |
|---|---|---|
| 102 | 5" | 10 |
| 110 | 7" | 10 |

## 115 Oil Filter Belt Type Wrench

HSN-8204

| Size |
|---|
| 8" |

## 117 Oil Filter Chain Wrench (Forged)



HSN-8204

| Size |
|---|
| 8" |

## 119 Strap Wrench (Aluminium Handle)

HSN-8204

| Size |
|---|
| 12" |

## 121 Oil Filter Wrenches

**No Replacement / Warranty**

HSN- 8204

| Description | Master Carton |
|---|---|
| MARUTI | 72 |
| SANTRO | 72 |
| TATA | 60 |
| SUMO | 60 |

## 108 Mesh Cutters

Fully Hardened And Tempered
Made From Selected Steel

New

HSN-8203

| Item code | Length (mm) | Carton Pkg. |
|---|---|---|
| 108 A | 200 | 60 |
| 108 B | 250 | 50 |

## 118 Aviation Cutters

*Generally Conforming to IS 6087-1971

HSN- 8203

| Description | Length (mm) |
|---|---|
| Straight Nose ATC. | 250 |

## 120 Tin Cutters
Heavy Duty With Spring

Improved

Generally Conforming to IS 6087-1971

HSN-8203

| Item Code | Size |
|---|---|
| 8" | 8-200mm |
| 10" | 10-25mm |
| 12" | 12-300mm |
| 14" | 14-350mm |

## 126 Cable Cutters

HSN- 8203

| Product Code | Size mm | Max. Cut. Cap. (OD with PVC Sleeve in mm) | Std. Pkg. |
|---|---|---|---|
| CT 06 | 150 | 9 | 5 |
| CT 08 | 200 | 10 | 5 |
| CT 10 | 250 | 15 | 5 |
| CT 18 | 450 | 22 | 2 |
| CT 24 | 600 | 26 | 1 |

## 129 PVC Plastic Pipe Cutters

HSN- 8203

| Product Code | Size mm | Std. Pkg. |
|---|---|---|
| PVC 42 | Ø42.0MM | 2 |

## 130 Snap of Cutters
(With 2 Extra Blades)

HSN- 8204

| Product Code | Blade Width mm | Std. Pkg. |
|---|---|---|
| SN-1 | 18 | 10 |

## 94 Hacksaw Frames Fixed

- Strong steel frame 6mm thick
- Plastic handle for comfortable grip with high carbon blade.

HSN-8202

| Product Code | Size (Pint) | Std. Packing |
|---|---|---|
| 941 | 6" | 80 |
| 942 | 12" | 20 |

## 139 Step Drills

HSN- 8204

| Sizes |
|---|
| 4-20mm |
| 4-32mm |

## 127 Spirit Levels
(1.0mm Accuracy with Magnet)

HSN- 8203

| Product Code | Description | Size mm | Std. Pkg. |
|---|---|---|---|
| SL-12 | Spirit Level | 300 | 5 |
| SL-12 (Heavy Duty) | Spirit Level | 300 | 5 |
| SL-18 | Spirit Level | 450 | 2 |
| SL-24 | Spirit Level | 600 | 2 |
| SL-36 | Spirit Level | 900 | 2 |

## 96 Metal Tool Boxes (5 Ties)

- Steel sheet, strong hinges
- Robust carrying handle

HSN-7310

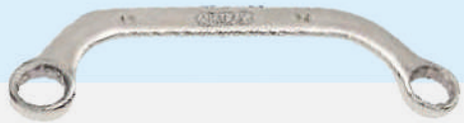
| Product Code | Size (Pint) | Std. Packing |
|---|---|---|
| 9617 | 18”X8”X6” | 2 |
| 9618 | 18"X8"X8" | 2 |
| 9621 | 21"X8"X8 | 2 |

## 104 Tool Trolleys

HSN 9403

| Item Code | Size | Drawer | Std. Pkg. |
|---|---|---|---|
| 104 A | 950x675x500 | 5 | 1 |
| 104 B | 1070x675x500 | 7 | 1 |

## 132 C-Type Half Moon (Ring Spanner)



**HSN- 8204**

| Size mm | Master Carton |
|---|---|
| 8x10 | 500 |
| 10x11 | 300 |
| 11x13 | 300 |
| 12x13 | 300 |
| 14x15 | 200 |
| 14x17 | 150 |
| 16x17 | 150 |
| 17x19 | 150 |
| 18x19 | 120 |
| 19X22 | 100 |
| 20x22 | 100 |
| 21x23 | 100 |

## 134 Flare Nut Wrenches

**Chrome Vanadium Steel**
**Dull Matt. Chrome Plate**

**HSN- 8204**

| Size mm | Master Carton | Inner Box |
|---|---|---|
| 8x10 (In HEX) | 500 | 10 |
| 10x11 (In HEX) | 300 | 10 |
| 10X12 (In HEX) | 300 | 10 |
| 11x13 (In Bi-HEX) | 300 | 10 |
| 12x14 (In Bi-HEX) | 250 | 10 |
| 14x17 (In Bi-HEX) | 150 | 10 |
| 17x19 (In Bi-HEX) | 100 | 10 |
| 19x22 (In Bi-HEX) | 100 | 10 |
| 24x27 (in Bi-HEX) | 60 | 5 |
| 30X32 (in Bi-HEX) | 50 | 5 |

## 151 Revolving Punch Plier

New

**HSN- 8203**

| Size | Shelf Packing |
|---|---|
| 200mm | 5 |

## 143 S-Type (Ring Spanner)

**HSN- 8204**

| Size mm | Master Carton |
|---|---|
| 10x11 | 400 |
| 12x13 | 300 |
| 14x15 | 200 |
| 16x17 | 150 |
| 17x19 | 100 |
| 18x19 | 30 |

## 19T T Type Socket Spanners

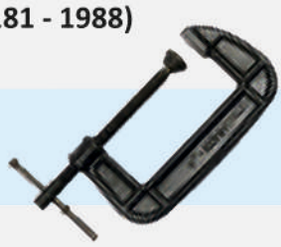
(Chrome Plated With Sleeves)

**HSN-8204**

| Item No | Length mm | Master Carton |
|---|---|---|
| T 8 | 8X250 | 100 |
| T 9 | 9X250 | 100 |
| T 10 | 10X250 | 100 |
| T 11 | 11X250 | 80 |
| T 12 | 12X250 | 80 |
| T 13 | 13X250 | 80 |
| T 14 | 14X250 | 70 |

## 95 C-Clamps

**Drop Forged (As Per IS 9181 - 1988)**



**HSN-8205**

| Product Code | Max. Opening (mm) | Std. Packing |
|---|---|---|
| 952 | 55 | 30 |
| 953 | 80 | 25 |
| 954 | 105 | 20 |
| 956 | 155 | 10 |
| 958 | 205 | 8 |
| 9510 | 255 | 5 |
| 9512 | 305 | 5 |

## 150 Hand Riveter

New

HSN- 8205

| Size Rivet Dia. | Shelf Packing |
|---|---|
| 2.4mm<br>3.2mm<br>4.0mm<br>4.8mm | 5 |

## 149 Hydraulic Bottle Jacks

New

HSN- 8425

| Product Code | Capacity | Min. Height | Lifting Height | Adjust Height |
|---|---|---|---|---|
| JT-2T | 2 Ton | 158 | 90 | 60 |
| JT-3T | 3Ton | 165 | 110 | 50 |
| JT-5T | 5 Ton | 175 | 110 | 60 |
| JT-8T | 8 Ton | 200 | 125 | 60 |
| JT-10T | 10 Ton | 200 | 125 | 60 |
| JT-20T | 20 Ton | 235 | 145 | 60 |
| JT-50T | 50 Ton | 285 | 180 | |

## 142 Philips Double Head Screw Driver Bits

Chrome Vanadium Steel

New

HSN- 8205

| Product No. | Size | Std. Packing |
|---|---|---|
| JSDB-65 | 65mm | 100 |
| JSDB-100 | 100mm | 100 |
| JSDB-150 | 150mm | 100 |

## 148 Torx Head Screw Driver Bits (Single Head)

New

HSN- 8205

| Product Code | Dia | Length | Size | Std. Packing |
|---|---|---|---|---|
| JTSB-20 | 10mm | 30mm | 20mm | 50 |
| JTSB-25 | 10mm | 30mm | 25mm | 50 |
| JTSB-30 | 10mm | 30mm | 30mm | 50 |
| JTSB-40 | 10mm | 30mm | 40mm | 50 |
| JTSB-45 | 10mm | 30mm | 45mm | 50 |
| JTSB-50 | 10mm | 30mm | 50mm | 50 |
| JTSB-55 | 10mm | 30mm | 55mm | 50 |
| JTSDB-20 | 10mm | 75mm | 20mm | 50 |
| JTSDB-25 | 10mm | 75mm | 25mm | 50 |
| JTSDB-30 | 10mm | 75mm | 30mm | 50 |
| JTSDB-40 | 10mm | 75mm | 40mm | 50 |
| JTSDB-45 | 10mm | 75mm | 45mm | 50 |
| JTSDB-50 | 10mm | 75mm | 50mm | 50 |
| JTSDB-55 | 10mm | 75mm | 55mm | 50 |

## Tool Kit No. KT - 101 For Electrician

HSN 8206
LIST PRICE : 47500/-

| Description | Pcs. |
|---|---|
| 'JHALANI' Bi Hexagon Ring Spanner 6x7 - 30x32mm (Item Code : 13/12M) | 12 |
| 'JHALANI' Double Open End Spanner 6x7 - 30x32mm (Item Code : 12/121 M) | 12 |
| 'JHALANI' Pipe Wrench 250mm (Item Code : 225/10) | 1 |
| 'JHALANI' Side Cutting Plier 165 mm (Item Code : 836) | 1 |
| 'JHALANI' Combination Plier 210 mm (Item Code : 818CA) | 1 |
| 'JHALANI' Adjustable Wrench 250 mm (Item Code : 91/10") | 1 |
| 'JHALANI' Ball Pein Hammer 500 Gms (Item Code : 8602/500) | 1 |
| 'JHALANI' Flat Screw Drivers Insulated 4x100 (734) 4x125 (735) & 5x150 (736) & 5x200 mm (738) | 4 |
| 'JHALANI' Flat Screw Drivers 6x150(7266), 6x125 (725), 6x200 (7288) & 6x300mm (7212) | 4 |
| 'JHALANI' Screw Driver Philips Pattern 6x100 (700) & 6x150 mm (701) | 2 |
| 'JHALANI' 12.5 Square Drive Bi Hexagon Sockets 8-24, 26-28, 30, 32 mm (Item Code : D19) | 22 |
| 'JHALANI' Reversible Ratchet (Item Code : 1993QRi) | 1 |
| 'JHALANI' Extension Bar 250 mm (Item Code : 1991) | 1 |
| 'JHALANI' Sliding T-Handle 300 mm (Item Code : 1987) | 1 |
| 'JHALANI' Speed Brace 400 mm (Item Code : 1985) | 1 |
| 'JHALANI' L-Handle 300 mm (Item Code : 1981L/12) | 1 |
| 'JHALANI' Universal Joint 75 mm (Item Code : 1995) | 1 |
| 'JHALANI' Water Pump Plier 250 mm (Item Code : 146) | 1 |
| 'JHALANI' Allen Key 1.5-10 mm (Item Code : 42/9M) | 9 |
| 'JHALANI' C-Clamp 50 mm (Item Code : 952) | 1 |
| 'JHALANI' Centre Punches 150 mm (Item Code : 106/6") | 1 |
| 'JHALANI' Octagonal Chisel 200 mm (Item Code : 3531) | 1 |
| 'JHALANI' Hacksaw Frame 300 mm (Item Code : 942) | 1 |
| 'JHALANI' Pincer 200 mm (Item Code : 358) | 1 |
| 'JHALANI' Wire Striper 125 mm (Item Code : 855) | 1 |
| 'JHALANI' Oil Can (Item Code : 902) | 1 |
| 'JHALANI' Feeler Gauge Set of 26 Blades (in mm) (Item Code : 107/6") | 1 |
| 'JHALANI' Tool Box | 1 |
| Hacksaw Blade 300 mm | 10 |
| Half Round File with Handle 250 mm | 1 |
| Flat File Bastard with Handle 250 mm | 1 |
| Torque Wrench WT-100 | 1 |
| Measuring Tape Steel 3 Mtrs. | 1 |
| Stainless Steel Scale 300 mm | 1 |
| Wire Brush | 1 |
| Scissor | 1 |
| Drill Machine 10 mm | 1 |
| Locks | 2 |

**Total Number of Contents including Locks & Metal Box : 106 Nos.**

## Tool Kit No. KT - 102 For Submersible Pump

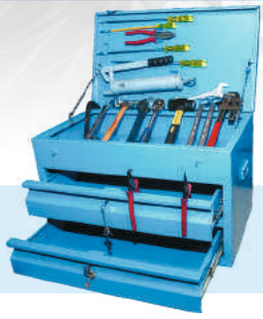
HSN 8206
LIST PRICE : 21000/-

| Description | Pcs. |
|---|---|
| 'JHALANI' Bi Hexagon Ring Spanner 6x7 - 20x22 mm (Item Code : 13/8M) | 8 |
| 'JHALANI' Double Open End Spanner 6x7 - 20x22 mm (Item Code : 12/8M) | 8 |
| 'JHALANI' Pipe Wrench 450 mm & 350 mm (Item Code : 225/14,225/12) | 2 |
| 'JHALANI' Combination Plier 210 mm (Item Code : 818CA) | 1 |
| 'JHALANI' Long Nose Plier 165 mm (Item Code : 846) | 1 |
| 'JHALANI' Adjustable Wrench 300 mm (Item Code : 91/12) | |
| 'JHALANI' Flat Screw Drivers 6x200 (7288) 8x250 (7210) & 8x300mm (7212A) | 3 |
| 'JHALANI' Ball Pein Hammer 800 gms (Item Code : 8602/800) | 1 |
| 'JHALANI' Cold Chisel 150 & 300 mm (Item Code : 352A/117, 352A/130) | 2 |
| 'JHALANI' Grease Gun (Item Code : 932) | 1 |
| 'JHALANI' Hacksaw Frame 300 mm (Item Code : 942) | 1 |
| Flat File Bastard with Handle 250 mm | 1 |
| Half Round File with Handle 250 mm | 1 |
| Measuring Tape Steel 3 Mtrs. | 1 |
| Wire Brush | 1 |
| Tuflon Tape | 5 |
| Locks | 1 |
| Tools Box | 1 |

**Total Number of Contents including Locks & Metal Box : 40 Nos.**

## Tool Kit No. KT - 103 For Mechanics

HSN 8206
LIST PRICE : 52500/-



| Description | Pcs. |
|---|---|
| ' JHALANI ' Bi Hexagon Ring Spanner 6x7 - 30x32mm (Item Code : 13/12M) | 12 |
| ' JHALANI ' Double Open End Spanner 6x7 - 30x32mm (Item Code : 12/121M) | 12 |
| ' JHALANI ' Pipe Wrench 250 mm & 300 mm (Item Code : 225/10, 225/12) | 2 |
| ' JHALANI ' Grip Locking Plier 250 mm (Item Code : 137) | 1 |
| ' JHALANI ' Circlip Plier Internal Straight 175 mm (Item Code : 87IS) | 1 |
| ' JHALANI ' Circlip Plier External Straight 175 mm (Item Code : 87ES) | 1 |
| ' JHALANI ' Side Cutting Plier 165 mm (Item Code : 836) | 1 |
| ' JHALANI ' Combination Plier 210 mm(Item Code : 818CA) | 1 |
| ' JHALANI ' Long Nose Plier 165 mm (Item Code : 846) | 1 |
| ' JHALANI ' Ball Pein Hammer 500 & 800 Gms (Item Code : 8602/500, 8602/800) | 2 |
| ' JHALANI ' Screw Driver Philips Pattern 6x150 (701) & 6x250 mm (703) | 2 |
| ' JHALANI ' Flat Screw Drivers 6x150(7260), 6x125(725), 8x150(726) 8x200 (728), 8x250 (7210) & 8x300mm (7212A) | 6 |
| ' JHALANI ' Flat Screw Drivers Insulated 5x150(736) & 5x200 (738) | 2 |
| ' JHALANI ' Adjustable Wrench 200 & 300 mm (Item Code : 91/8, 91/12) | 2 |
| ' JHALANI ' 12.5 Square Drive Bi Hexagon Sockets 10-24, 26-28, 30, 32 mm (Item Code : D19) | 20 |
| ' JHALANI ' Reversible Ratchet (Item Code : 1993QRi) | 1 |
| ' JHALANI ' Extension Bar 125 & 250 mm (Item Code : 1990/5, 1991) | 2 |
| ' JHALANI' Sliding T-Handle 300 mm (Item Code : 1987) | 1 |
| ' JHALANI ' Speed Brace 400 mm (Item Code : 1985) | 1 |
| ' JHALANI ' Universal Joint 75 mm (Item Code : 1995) | 1 |
| ' JHALANI ' L-Handle 300 mm (Item Code : 1981L/12) | 1 |
| ' JHALANI ' Allen Kay 1.5-10 mm (Item Code : 42/9M) | 9 |
| ' JHALANI ' C-Clamp 100 mm (Item Code : 954) | 1 |
| ' JHALANI ' Centre Punches 125 & 150 mm (Item Code : 106/5", 106/6") | 2 |
| ' JHALANI ' Octagonal Chisel 150 & 200 mm (Item Code : 3531, 3532) | 2 |
| ' JHALANI ' Hacksaw Frame 300 mm (Item Code : 942) | 1 |
| ' JHALANI ' Oil Can (Item Code : 902 ) | 1 |
| ' JHALANI ' Mallet Hammer (30M) (Item Code : 8610/30) | 1 |
| ' JHALANI ' Feeler Gauge Set of 26 Blades (In mm) (Item Code : 107/6") | 1 |
| JHALANI ' Tool Box | 1 |
| Hacksaw Blade 300 mm | 10 |
| Half Round File with Handle 250mm | 1 |
| Flat File Bastard With Handle 250mm | 1 |
| Torque Wrench WT - 160 | 1 |
| Measuring Tape Steel 3 Mtrs. | 1 |
| Wire Brush | 1 |
| Stainless Steel Scale 300mm | 1 |
| Insulation Tape | 1 |
| Tourch | 1 |
| Scissor | 1 |
| Lock | 2 |

**Total Number of Contents including Locks & Metal Box : 113 Nos.**

## Tool Kit No. KT - 104 For Garage Maintenance

HSN 8206
LIST PRICE : 42000/-

| Description | Pcs. |
|---|---|
| ' JHALANI ' Bi Hexagon Ring Spanner 6x7 - 30x32mm (Item Code : 13/12M) | 12 |
| ' JHALANI ' Double Open End Spanner 6x7 - 30x32mm Item Code : 12/121M) | 12 |
| ' JHALANI ' Circlip Plier Internal Straight 175 mm (Item Code : 87IS) | 1 |
| ' JHALANI ' Circlip Plier External Straight 175 mm (Item Code : 87ES) | 1 |
| ' JHALANI ' Grip Locking Plier 250 mm (Item Code :137) | 1 |
| ' JHALANI ' Side Cutting Plier 165 mm (Item Code : 836) | 1 |
| ' JHALANI ' Combination Plier 210 mm(Item Code : 818CA | 1 |
| ' JHALANI ' Long Nose Plier 165 mm (Item Code : 846) | 1 |
| ' JHALANI ' Water Pump Box Joint Type Plier 250 mm (Item Code : 146) | 1 |
| ' JHALANI ' Adjustable Wrench 300 mm (Item Code : 91/12) | 1 |
| ' JHALANI ' Ball Pein Hammer 500 & 800 Gms (Item Code : 8602/500, 8602/800) | 2 |
| ' JHALANI ' Flat Screw Drivers 6x200 (7288), 8x200 (728) & 8x250 mm(7210) | 3 |
| ' JHALANI ' 12.5 Square Drive Bi Hexagon Sockets 10-24, 26-28, 30, 32 mm (Item Code : D19) | 20 |
| ' JHALANI ' Reversible Ratchet (Item Code : 1993QRI) | 1 |
| ' JHALANI ' Extension Bar 125 & 250 mm (Item Code : 1990/5, 1991) | 2 |
| ' JHALANI ' Sliding T-Handle 300 mm (Item Code : 1987) | 1 |
| ' JHALANI' Speed Brace 400 mm (Item Code : 1985) | 1 |
| ' JHALANI' Universal Joint 75 mm (Item Code : 1995) | 1 |
| ' JHALANI' Centre Punches 150 mm (Item Code : 106/6") | 1 |
| ' JHALANI ' Octagonal Chisel 200 mm (Item Code : 352A/123) | 1 |
| ' JHALANI ' Mallet Hammer 40MM (Item Code : 8610/40) | 1 |
| ' JHALANI ' Mallet Hammer 25MM (Item Code : 8610/25) | 1 |
| ' JHALANI ' Allen Key ( Short Pattern ) 1.5 to 10 mm (Item Code : 42/9M) | 9 |
| ' JHALANI' Oil Can (Item Code : 902) | 1 |
| ' JHALANI' Feeler Gauge Set of 26 Blades (in mm) (Item Code : 107/6") | 1 |
| ' JHALANI' Tool Box | 1 |
| Flat File Bastard with Handle 250 mm | 1 |
| Half Round File with Handle 250 mm | 1 |
| Wire Brush | 1 |
| Torque Wrench WT-50 | 1 |
| Locks | 2 |

**Total Number of Contents including Locks & Metal Box : 85 Nos.**

JHALANI

An ISO 9001 : 2015 Certified Company

# NON SPARKING TOOLS

## TECHNICAL DETAIL BERYLLIUM COPPER / ALUMINIUM BRONZE

| ITEMS | BERYLLIUM COPPER | ALUMINIUM BRONZE |
|---|---|---|
| **COMPOSITION** | Be : 1.8-2.3% | Al : 10-12% |
| - | Co+Ni : Over 0.2% | Ni : 4-6% |
| - | Co+Ni+Fe : Below 1.2% | Fe+Mn : Below 5.8% |
| - | Cu+Be+Co+Ni+Fe : Over 99.0% | Cu+AL+Ni+Fe+Mn : Over 99% |
| **HARDNESS BRINELL** | 283-365 | 229-291 |
| **EXTENSIBILITY** | 1.0% | 5% |
| **BREAKING** | 1117N/m m2 - 1326N/m m2 | 728N/mm2-989N m m2 |
| **ELEASTICITY LIMIT** | 840-880 | 450-550 |
| **ELEC RESISTANCE** | 8-6 | 8+12 |
| **DILATATION COEFICIENT** | 0.000012% | 0.000015% |
| **DENSITY WEIGHT** | 8.60 | 8.10 |
| **MAGNETIC** | 0 | 1.2 |

## No.12NS Double Open End Spanners

Made From Aluminum Bronze

**HSN-8205**

| Size |
|---|
| 6x7MM |
| 8x9MM |
| 10x11MM |
| 12x13MM |
| 14x15MM |
| 16x17MM |
| 18x19MM |
| 20x22MM |
| 21x23MM |
| 24x26MM |
| 24X27MM |
| 25x28MM |
| 30x32MM |
| 32x36MM |
| 36x41MM |
| 41x46MM |
| 46x50MM |
| 1/8x3/16 |
| 3/16x14 |
| 1/4x5/16 |
| 5/16x3/8 |
| 3/8x7/16 |
| 7/16x1/2 |
| 1/2x9/16 |
| 9/16x5/8 |
| 5/8x3/4 |
| 5/16x7/16 |
| 7/16x9/16 |

## No.13NS Ring Spanners

Made From Aluminum Bronze

**HSN-8205**

| Size |
|---|
| 6x7MM |
| 8x9MM |
| 10x11MM |
| 12x13MM |
| 14x15MM |
| 16x17MM |
| 18x19MM |
| 20x22MM |
| 21x23MM |
| 24x26MM |
| 24X27MM |
| 25x28MM |
| 30x32MM |
| 32x36MM |
| 36x41MM |
| 41x46MM |
| 46x50MM |
| 1/8x3/16 |
| 3/16x1/4 |
| 1/4x5/16 |
| 5/16x3/8 |
| 3/8x7/16 |
| 7/16x1/2 |
| 1/2x9/16 |
| 9/16x5/8 |
| 5/8x3/4 |
| 5/16x7/16 |
| 7/16x9/16 |

## 12NS Double Open End Spanners Set

Made From Aluminum Bronze

**HSN-8205**

| Set No. | Contents of Sets |
|---|---|
| 12/8MNS | 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 |
| 12/121MNS | 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 |
| 12/9WNS | 1/8'' to 3/4" |

## 13NS Ring Spanners Set

Made From Aluminum Bronze

**HSN-8205**

| Set No. | Contents of Sets |
|---|---|
| 13/8MNS | 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 |
| 13/12MNS | 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 |
| 13/9WNS | 1/8'' to 3/4" |

## 894 NS Single Ended Open Ended Spanners

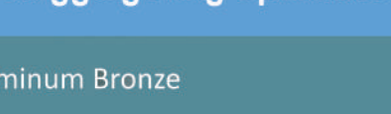
Made From Aluminum Bronze

HSN- 8205

| Size mm |
|---|
| 24mm |
| 27mm |
| 30mm |
| 32mm |
| 34mm |
| 36mm |
| 41mm |
| 46mm |
| 50mm |
| 55mm |
| 60mm |
| 65mm |
| 70mm |
| 75mm |

## 306 NS Slugging Ring Spanners

Made From Aluminum Bronze

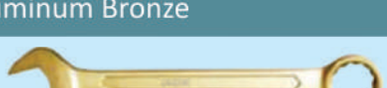


HSN-8205

| Size mm |
|---|
| 24 MM |
| 27 MM |
| 30 MM |
| 32 MM |
| 34 MM |
| 36 MM |
| 38 MM |
| 41 MM |
| 46 MM |
| 50 MM |
| 55 MM |
| 60 MM |
| 65 MM |
| 70 MM |
| 75 MM |
| 80 MM |
| 85 MM |
| 90 MM |
| 95 MM |

## 14 NS Combination Spanners

Made From Aluminum Bronze



HSN- 8205

| Size mm |
|---|
| 6mm |
| 7mm |
| 8mm |
| 9mm |
| 10mm |
| 11mm |
| 12mm |
| 13mm |
| 14mm |
| 15mm |
| 16mm |
| 17mm |
| 18mm |
| 19mm |
| 20mm |
| 21mm |
| 22mm |
| 23mm |
| 24mm |
| 25mm |
| 26mm |
| 27mm |
| 28mm |
| 30mm |
| 32mm |

## 133 NS Slugging Open Spanners

Made From Aluminum Bronze

HSN-8205

| Size mm |
|---|
| 24 MM |
| 27 MM |
| 30 MM |
| 32 MM |
| 36 MM |
| 38 MM |
| 41 MM |
| 46 MM |
| 50 MM |
| 55 MM |
| 60 MM |
| 65 MM |
| 70 MM |
| 75 MM |
| 80 MM |
| 85 MM |
| 90 MM |

## 91 NS Adjustable Spanners

Made From Aluminum Bronze

**HSN-8205**

| Size (Inches) | Size mm |
|---|---|
| 4" | 13x100 MM |
| 6" | 18x150 MM |
| 8" | 24x200 MM |
| 10" | 30x250 MM |
| 12" | 36x300 MM |
| 15" | 46x375 MM |
| 18" | 55x450 MM |

## 225 NS Pipe Wrenches

Made From Aluminum Bronze

**HSN-8205**

| Size (Inches) | Size mm |
|---|---|
| 8" | 25x200 MM |
| 10" | 30x250 MM |
| 12" | 40x300 MM |
| 14" | 50x350 MM |
| 18" | 60x450 MM |
| 24" | 75x600 MM |
| 36" | 125x900 MM |

## D19/ J19 NS 1/2" SQ. DR. ACCESSORIES

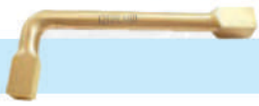
Made From Aluminum Bronze

**HSN-8205**

| No. | Description |
|---|---|
| 1993NS | Reversible Ratchet |
| 1987NS | T Handle |
| 1990/5NS | Extension Bar 125mm |
| 1991NS | Extension Bar 250mm |
| 1985NS | Universal Joint |
| D19/J19TMNS | 1/2" SQ. Socket Set 8mm to 32mm (22 sockets 5 accessories) |

## 42A NS Allen Key (MM/SAE) Size

Made From Aluminum Bronze



**HSN-8205**

| Sizes |
|---|
| 1.5MM |
| 2MM |
| 2.5MM |
| 3MM |
| 4MM |
| 5MM |
| 6MM |
| 8MM |
| 10MM |
| 12MM |
| 14MM |
| 17MM |
| 19MM |
| 22MM |
| 1/16" |
| 5/64" |
| 3/32" |
| 1/8" |
| 5/32" |
| 3/16" |
| 7/32" |
| 1/4" |
| 5/16" |
| 3/8" |
| 1/2" |

## D19/ J19 NS 1/2" SQ. DR. Sockets

Made From Aluminum Bronze

**HSN-8205**

| Size mm |
|---|
| 6mm |
| 7mm |
| 8mm |
| 9mm |
| 10mm |
| 11mm |
| 12mm |
| 13mm |
| 14mm |
| 15mm |
| 16mm |
| 17mm |
| 18mm |
| 19mm |
| 20mm |
| 21mm |
| 22mm |
| 23mm |
| 24mm |
| 25mm |
| 26mm |
| 27mm |
| 28mm |
| 29mm |
| 30mm |
| 32mm |

## 42A NS Allen Key Set

Made From Aluminum Bronze

HSN- 8205

| Set No. | Contents of Sets |
|---|---|
| 42/10W (NS) | 1/16" to 3/8" |
| 42/9M (NS) | 1.5MM to 10MM |

## 81 NS Combination Plier

Made From Aluminum Bronze

HSN- 8205

| No. | Size |
|---|---|
| 816 NS | 6" |
| 817 NS | 7" |
| 818 NS | 8" |

## 83 NS Diagonal Cutting Pliers

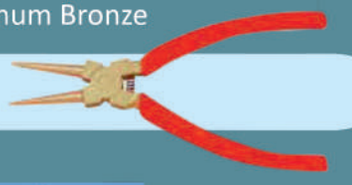
Made From Aluminum Bronze

HSN- 8205

| No. | Size |
|---|---|
| 836 NS | 6" |
| 838 NS | 8" |

## 84 NS Snap Ring (Internal Pliers)

Made From Aluminum Bronze

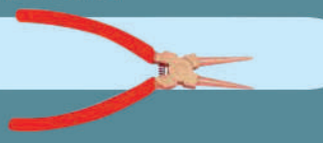


HSN- 8205

| Size |
|---|
| 8" |
| 10" |

## 87 NS Snap Ring (External )Pliers

Made From Aluminum Bronze



HSN- 8205

| Size |
|---|
| 8" |
| 10" |

## 146 NS Pump Pliers 10"

Made From Aluminum Bronze

HSN- 8205

| No. | Size |
|---|---|
| 146 (NS) | 250MM |

## 8602 NS Hammer With Handle (Ball Pein)

Made From Aluminum Bronze

HSN- 8205 Precision Casting

| Size |
|---|
| 230 GMS |
| 340 GMS |
| 450 GMS |
| 680 GMS |
| 910 GMS |

## 8602 NS Sledge Hammer With Handle

Made From Aluminum Bronze

HSN- 8205 Precision Casting

| Size |
|---|
| 1000 GMS |
| 1500 GMS |
| 1800 GMS |
| 2000 GMS |
| 2500 GMS |
| 2700 GMS |
| 3000 GMS |
| 3600 GMS |
| 4000 GMS |
| 4500 GMS |
| 5000 GMS |

## 846NS Long Nose Pliers

Made From Aluminum Bronze

HSN- 8205

| Size |
|---|
| 6" |
| 8" |

## 75 NS Slotted Screw Drivers

Made From Aluminum Bronze

**HSN- 8205**

| No. | Size |
|---|---|
| 754NS | 100x4MM |
| 755NS | 100X5MM |
| 756NS | 100X6MM |
| 7566NS | 150X6MM |
| 758NS | 150X8MM |
| 7588NS | 200X8MM |
| 7510NS | 250X8MM |
| 7512NS | 300X10MM |

## 76 NS Phillips Screw Drivers

Made From Aluminum Bronze

**HSN- 8205** Cold Rolled

| No. | Size |
|---|---|
| 762NS | 50 MM |
| 763NS | 75 MM |
| 764NS | 100 MM |
| 766NS | 150 MM |
| 768NS | 200 MM |
| 7610NS | 250 MM |
| 7612NS | 300 MM |

## 943 NS Hacksaw Blades

Made From Aluminum Bronze

**HSN- 8205** Cold Rolled

| Size |
|---|
| 300 mm |

## 94 NS Hacksaw Frame

Made From Aluminum Bronze

**HSN- 8205** Cold Rolled

| No. | Size |
|---|---|
| 942NS | 500 MM |

## 103 NS Cylinder Key

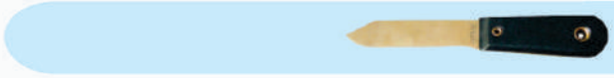
Made From Aluminum Bronze

**HSN- 8205** Drop Forged

| Size |
|---|
| 8 MM |

## 104 NS Common Knife

Made From Aluminum Bronze



**HSN- 8205** Drop Forged

| No. | Size |
|---|---|
| 104/8" | 185 MM |
| 104/10" | 250 MM |

## 105 NS Carbide Drum Opener

Made From Aluminum Bronze

**HSN- 8205** Drop Forged

| Size |
|---|
| 280 MM |

## 106 NS Crate Opener

Made From Aluminum Bronze

**HSN- 8205** Drop Forged

| Size |
|---|
| 230 MM |

## 352A NS Chisel

Made From Aluminum Bronze

**HSN- 8205**

| No. | Size |
|---|---|
| 107NS | 12X150MM |
| 117NS | 19X150MM |
| 123NS | 25X150MM |
| 126NS | 19X200MM |
| 127NS | 19X250MM |
| 130NS | 24X300MM |

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## FULL UNCONDITIONAL DURATION WARRANTY

If the Item is found to have any latent manufacturing defect, please return it to any of our sales depot. or authorised dealer for a free replacement

# FERRETERRO TOOLS LLP


| | | |
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