

PROFESSIONAL TOOLS



- NON-SPARKING TOOLS
- TITANIUM TOOLS
- INSULATION TOOLS
- STAINLESS CORROSION RESISTANT TOOLS
- JUMBO TOOLS



WE THE CRAFTSMEN **DO** SAFETY FIRST



MARINE TOOLS



WEDO TOOLS GMBH

Ludwig-Richter-Str.6,D-42329 Wuppertal, Germany

Tel: 0049-202-44895980

Fax: 0049-202-44895982

Email: info@wedotools.de

wedotools@wedotools.com



WEDO TOOLS GmbH is located in Wuppertal, a city in the center of Ruhr Industrial Base, which is an important economic and industrial zone in Western Germany, being developed since 19th century. As an international professional enterprise, WEDO TOOLS specializes in design, research, manufacturing, processing, and marketing of hardware tools. Our products are one-time die-forged by large friction pressing machines, completely in accordance with Germany DIN standards and China GB standards. Based on a scientific management system, state-of-art and unique design, advanced production technology, and a well-developed quality assurance system, we provide high-quality products and services for our customers. WEDO TOOLS has been highly praised by our old and new customers because of user-friendly design concept, excellent quality, and well-developed after-sales services.

WEDO TOOLS develops six series of products, including aluminum bronze alloy tools, beryllium copper alloy tools, titanium tools, insulated tools, stainless steel tools, and special steel tools. Currently, our products have been exported to more than 100 countries and regions all over the world. In order to further improve customers' satisfaction, WEDO has established service centers in Germany, Russia, Korea, The United States, United Arab Emirates, and China, supplying safe and innovative hand tools and in-time after-sale services to end users.

We sincerely invite people all over the world to share the pleasure of tools.



[WEDO Factory]



[Products Show]



[Semi-finished Warehouse]



[Precision Forging Workshop]



CONTENT



01-06



06-16



15-18



18-24



25-27



28-34



35-39



39-44



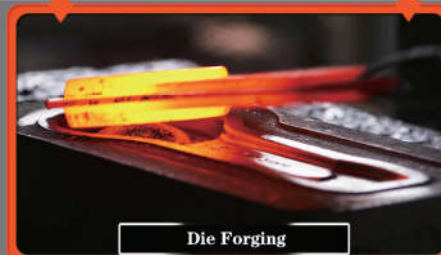
45-76



Raw Material



Casting



Die Forging



Machining



Delivery



Packing



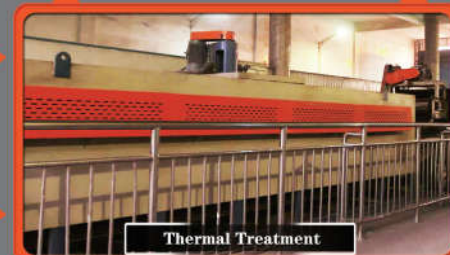
Surface Treatment



Non-Sparking Tools

Steel Tools

Polishing



Thermal Treatment

WE THE CRAFTSMEN DO SAFETY FIRST



12.7mm(1/2") SQ. Drive



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
590213	10	38.5	0.08
590214	11	38.5	0.08
590215	12	38.5	0.08
590216	13	38.5	0.08
590217	14	38.5	0.08
590218	17	38.5	0.10
590219	19	38.5	0.11
590220	21	38.5	0.11
590221	22	38.5	0.14
590222	23	38.5	0.17
590223	24	38.5	0.16
590225	27	38.5	0.21
590227	30	38.5	0.26
590228	32	38.5	0.27



25.4mm(1") SQ. Drive



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
590246	17	55	0.58
590247	19	55	0.58
590248	21	55	0.60
590249	22	55	0.65
590250	23	55	0.65
590251	24	55	0.65
590252	26	55	0.65
590253	27	55	0.65
590254	29	60	0.75
590255	30	60	0.75
590256	32	60	0.75
590257	35	60	0.80
590258	36	60	0.90
590259	38	70	0.96
590260	41	70	0.94
590261	46	70	1.30
590262	50	75	1.50
590263	55	75	1.68
590264	58	85	2.20
590265	60	85	2.10
590266	63	85	2.27



19.0mm(3/4") SQ. Drive



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
590229	17	50	0.30
590230	19	50	0.31
590231	21	50	0.32
590232	22	50	0.32
590233	23	50	0.32
590234	24	50	0.32
590235	26	53	0.36
590236	27	53	0.35
590237	29	53	0.46
590238	30	53	0.45
590239	32	56	0.19
590240	35	56	0.54
590241	36	56	0.53
590242	38	56	0.75
590243	41	58	0.73
590244	46	60	0.83
590245	50	70	0.95



38.1mm(1-1/2") SQ. Drive



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
590267	46	85	2.29
590268	50	85	2.38
590269	54	90	2.53
590270	55	90	2.48
590271	58	90	2.70
590272	60	95	2.64
590273	63	95	3.16
590274	65	95	3.06
590275	67	95	3.30
590276	70	95	3.20
590277	71	100	3.73
590278	75	100	3.63
590279	77	100	3.88
590280	80	100	3.98
590281	85	110	4.40
590282	90	110	4.70
590283	95	110	5.50
590284	100	115	5.82
590285	105	115	6.40
590286	110	115	6.54
590287	115	125	10.38



TO BE SAFE



58 Pcs 12.7mm(1/2") SQ. Drive



ITEM CODE	Size (mm)	Contents
610101	1/4" 12 Sockets (6 Point)	5,5,5,6,7,8,9,10,11,12,
	1 Ratchet Handle (Reversible)	155mm
	1 Nut Spinner Handle (Hinged)	150
	1 Sliding T Handle	114
	1 Driver Handle	150
	1 Extension Bar	50mm(2")
	1 Extension Bar	150mm(6")
	1 Universal Joint	39.5mm
	1/2" 26 Sockets (12 Point)	8,9,10,11,12,13,14,14.5,15,16,17,17.5,18,19,20,21,22,23,24,25,26,27,28,29,30,32mm
	1 Ratchet Handle (Reversible)	255mm(10-1/2")
	1 Nut Spinner Handle (Hinged)	250mm(15")
	1 Sliding T Handle	250mm(10")
	1 Extension Bar	125mm(3")
	1 Extension Bar	250mm(10")
	1 Universal Joint	75mm(3")
	3/4" 9 Sockets (12 Point)	26,27,29,30,32,35,36,38,41mm
	1 Ratchet Handle(Reversible)	320mm
	1 Extension Bar	200mm(8")



Socket Wrench Set



12pcs 1/4"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610107	8 Sockets (6 Point)	5,5,5,6,7,8,10,12,13mm
	1 Nut Spinner Handle (hinged)	150mm (6")
	1 Ratchet Handle (reversible)	115mm (4-1/2")
	1 Driver Handle	140mm (5-1/2")
	1 Cross Bar	100mm (4")

12pcs 1/4"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610108	12 Sockets (6 Point)	5,5,5,6,7,8,9,10,11,12,13,14,14.5,15,16,17,17.5,18,19,20,21,22,23,24,25,26,27,28,29,30,32mm
	1 Ratchet Handle (Reversible)	115mm(4-1/2")
	1 Nut Spinner Handle (Hinged)	150mm(6")
	1 Sliding T Handle	105mm(4")
	1 Driver Handle	140mm(5-1/2")
	1 Extension Bar	50mm(2")
	1 Extension Bar	150mm(6")
	1 Universal Joint	35mm(1-3/8")
	1 Cross Bar	100mm(4")

18pcs 1/4"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610110	12 Sockets (6 Point)	4,5,5,6,7,8,9,10,12,13,14,mm
	1 Ratchet Handle	115mm (4-1/2")
	1 Nut Spinner Handle (hinged)	150mm (6")
	1 Sliding T Handle	105mm (4")
	1 Driver Handle	150mm (6")
	1 Extension Bar	50mm (2")
	1 Extension Bar	150mm (6")
	1 Universal Joint	40mm(1-9/16")



Socket Wrench Set



17pcs 3/8\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610114	13 Sockets (6 Point)	6,7,8,9,10,11,12,13,14,17,19,21,22mm
	1 Ratchet Handle (Hold Type)	210mm
	1 Extension Bar	75mm(3")
	1 Extension Bar	150mm(6")
	1 Ball Joint	55mm

16pcs 3/8\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610115	12 Sockets (6 Point)	5,5,6,7,8,10,12,13,14,17,19,21,22,24mm
	1 Ratchet Handle (Hold Type)	210mm
	1 Extension Bar	75mm(3")
	1 Extension Bar	150mm(6")
	1 Ball Joint	55mm

17pcs 3/8\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610116	13 Sockets (6 Point)	6,7,8,9,10,12,13,14,17,19,21,22mm
	1 Ratchet Handle (Reversible)	210mm
	1 Extension Bar	75mm(3")
	1 Extension Bar	150mm(6")
	1 Universal Joint	55mm

19pcs 3/8\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610117	13 Sockets (6 Point)	6,7,8,9,10,12,13,14,17,19,21,22mm
	1 Nut Spinner Handle (hinged)	215mm
	1 Ratchet Handle (reversible)	210mm
	1 Sliding T Handle	165mm
	1 Extension Bar	75mm (3")
	1 Extension Bar	150mm (6")
	1 Universal Joint	55mm

22pcs 3/8\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610118	16 Sockets (6 Point)	6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22mm
	1 Ratchet Handle (reversible)	210mm
	1 Nut Spinner Handle (hinged)	215mm
	1 Sliding T Handle	165mm
	1 Extension Bar	75mm (3")
	1 Extension Bar	150mm (6")
	1 Universal Joint	55mm (2")



Socket Wrench Sets



34pcs 1/2\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610120		8,9,10,11,12,13,14,14,5,15,16,17,17,5,18,19,20,21,22,23,24,25,26,27,28,29,30,32mm
	1 Ratchet Handle (reversible)	255mm
	1 Nut Spinner Handle (hinged)	250mm
	1 Sliding T Handle	250mm (10")
	1 Extension Bar	125mm
	1 Extension Bar	250mm (10")
	1 Universal Joint	70.5mm (3/4")
	1 Cross Bar	250mm (10")

13pcs 1/2\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610121	10 Sockets (6 Point)	8,10,11,12,13,14,17,19,22,24mm
	1 Ratchet Handle (reversible)	250mm
	1 Sliding T Handle	250mm
	1 Extension Bar	125mm

17pcs 1/2\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610122	13 Sockets (12 Point)	8,10,11,12,13,14,17,19,21,24,26mm
	1 Nut Spinner Handle (hinged)	250mm
	1 Extension Bar	125mm
	1 Cross Bar	250mm(10")
	1 Universal Joint	75mm(3")

17pcs 1/2\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610123	13 Sockets (12 Point)	10,11,12,13,14,17,19,21,24,26,27,30mm
	1 Ratchet Handle (reversible)	255mm(10-1/2")
	1 Nut Spinner Handle (hinged)	250mm(12")
	1 Extension Bar	125mm(6")
	1 Cross Bar	250mm(10")



Socket Wrench Set

17pcs 1/2\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610124	13 Sockets (6 Point)	8,10,11,12,13,14,17,19,22,24,27,30,32mm
	1 Ratchet Handle (reversible)	255mm(10-1/2")
	1 Nut Spinner Handle (hinged)	250mm(12")
	1 Extension Bar	125mm(6")
	1 Cross Bar	250mm(10")

19pcs 1/2\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610125	15 Sockets (12 Point)	8,10,11,12,13,14,17,19,21,22,24,26,27,30,32mm
	1 Ratchet Handle (reversible)	255mm(10-1/2")
	1 Nut Spinner Handle (hinged)	250mm(15")
	1 Sliding T Handle	250mm(10")
	1 Extension Bar	125mm(6")

24pcs 1/2\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610126	18 Sockets (12 Point)	8,10,11,12,13,14,17,19,21,22,23,24,26,27,29,30,32mm
	1 Ratchet Handle (reversible)	255mm(10-1/2")
	1 Nut Spinner Handle (hinged)	250mm(15")
	1 Sliding T Handle	250mm(10")
	1 Extension Bar	125mm(6")
	1 Extension Bar	250mm(10")
	1 Universal Joint	75mm(3")

19pcs 1/2\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610127	15 Sockets (12 Point)	9,10,12,13,14,15,16,17,18,19,21,23,26,29,32mm
	1 Nut Spinner Handle (hinged)	250mm
	1 Ratchet Handle (reversible)	255mm
	1 Sliding T Handle	250mm
	1 Extension Bar	125mm

22pcs 1/2\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610128	15 Sockets (12 Point)	9,10,12,13,14,15,16,17,18,19,21,23,26,29,32mm
	1 Ratchet Handle (reversible)	255mm(10-1/2")
	1 Nut Spinner Handle (hinged)	250mm(15")
	1 Sliding T Handle	250mm(10")
	1 Offset Handle	250mm(11")
	1 Speeder	400mm(16")
	1 Extension Bar	125mm(6")
	1 Universal Joint	75mm(3")



Socket Wrench Sets

10pcs 1/2\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610129	8 Sockets (12 Point)	10,12,13,14,17,19,22,24mm
	1 Ratchet Handle (reversible)	255mm
	1 Extension Bar	125mm

10pcs 1/2\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610130	8 Sockets (12 Point)	10,12,14,17,19,21,23,26mm
	1 Sliding T Handle	250mm (10")
	1 Extension Bar	125mm (6")

13pcs 1/2\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610131	10 Sockets (12 Point)	10,12,13,14,15,17,19,21,23,26mm
	1 Ratchet Handle (reversible)	255mm
	1 Sliding T Handle	250mm
	1 Extension Bar	125mm

17pcs 1/2\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610132	13 Sockets (12 Point)	10,11,12,13,14,14.5,16,17,17.5,19,21,23,26mm
	1 Nut Spinner Handle (hinged)	250mm(15")
	1 Universal Joint	75mm(3")
	1 Extension Bar	125mm(6")
	1 Cross Bar	250mm(10")

17pcs 1/2\"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610133	13 Sockets (12 Point)	10,11,12,13,14,15,16,17,18,19,21,23,26mm
	1 Ratchet Handle (reversible)	250mm
	1 Nut Spinner Handle (hinged)	250mm
	1 Extension Bar	125mm
	1 Cross Bar	250mm(10")



Socket Wrench Set

18pcs 1/2"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610141	13 Sockets (6 Point)	8,10,11,12,13,14,17,19,21,24,26,27mm
	1 Ratchet Handle(hold Type)	255mm(10")
	1 Nut Spinner Handle (hinged)	250mm(12")
	1 Extension Bar	125mm(6")
	1 Ball Joint	75mm(2-3/8")
	1 Cross Bar	250mm(3")

17pcs 1/2"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610142	13 Sockets (6 Point)	10,12,13,14,17,19,21,22,24,26,27,30,32mm
	1 Ratchet Handle(hold Type)	255mm(10")
	1 Nut Spinner Handle (hinged)	250mm(12")
	1 Extension Bar	125mm(6")
	1 Ball Joint	75mm(2-3/8")

17pcs 1/2"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610143	13 Sockets (6 Point)	10,12,13,14,17,19,21,22,24,26,27,30,32mm
	1 Ratchet Handle(hold Type)	255mm(10")
	1 Nut Spinner Handle (hinged)	250mm(12")
	1 Extension Bar	125mm(6")
	1 Ball Joint	75mm(2-3/8")



Socket Wrench Set



26pcs 3/4"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610151	20 Sockets (12 Point)	19,21,22,23,24,26,27,29,30,32,35,36,38,41,46,50,54,55,58,60mm
	1 Ratchet Handle (reversible)	320mm
	1 Nut Spinner Handle (hinged)	450mm
	1 Sliding T Handle	400mm
	1 Extension Bar	200mm(8")
	1 Extension Bar	400mm(16")
	1 Universal Joint	110mm

12pcs 3/4"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610152	10 Sockets (12 Point)	24,26,27,29,30,32,35,36,38,41mm
	1 Sliding T Handle	400mm
	1 Extension Bar	200mm (8")



Socket Wrench Sets

12pcs 3/4"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610153	8 Sockets (12 Point)	24,27,30,32,36,41,46,50mm
	1 Ratchet Handle (reversible)	320mm
	1 Sliding T Handle	400mm
	1 Extension Bar	200mm (8")
	1 Extension Bar	400mm (16")

12pcs 3/4"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610154	8 Sockets (12 Point)	26,29,32,35,38,41,46,50mm
	1 Ratchet Handle (reversible)	320mm
	1 Sliding T Handle	400mm
	1 Extension Bar	200mm (8")
	1 Extension Bar	400mm (16")

12pcs 3/4"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610156	8 Sockets (6 Point)	26,29,32,35,38,41,46,50mm
	1 Ratchet Handle	500mm (20")
	1 Sliding T Handle	500mm (20")
	1 Extension Bar	200mm (8")
	1 Extension Bar	400mm (16")

12pcs 1"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610161	8 Sockets (12 Point)	32,36,41,46,50,55,60,65mm
	1 Ratchet Handle	550mm
	1 Sliding T Handle	400mm
	1 Extension Bar	200mm
	1 Extension Bar	400mm(16")

16pcs 1"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610162	12 Sockets (12 Point)	32,36,41,46,50,55,60,65,70,75,80,85mm
	1 Ratchet Handle	550mm(6-1/2")
	1 Sliding T Handle	400mm(3-1/8")
	1 Extension Bar	200mm(6")
	1 Extension Bar	400mm(16")

17pcs 1"Dr Socket Wrench Set

ITEM CODE	Size (mm)	Contents
610163	12 Sockets (12 Point)	35,38,41,46,50,54,58,63,67,71,77,85mm
	1 Ratchet Handle	550mm(6-1/2")
	1 Sliding T Handle	400mm(3-1/8")
	1 Extension Bar	210mm(6")
	1 Extension Bar	400mm(16")



6.35mm(1/4")Socket Wrench(6 Point)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610181	5	25	0.01
610182	5.5	25	0.01
610183	6	25	0.01
610184	7	25	0.01
610185	8	25	0.01
610186	9	25	0.02
610187	10	25	0.02
610188	11	25	0.02
610189	12	25	0.03
610190	13	25	0.03
610191	14	25	0.04



9.5mm(3/8")Socket Wrench(6 Point)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610201	6	28	0.02
610202	7	28	0.02
610203	8	28	0.02
610204	9	28	0.03
610205	10	28	0.03
610206	11	28	0.03
610207	12	28	0.03
610208	13	28	0.03
610209	14	28	0.03
610210	17	30	0.05
610211	19	30	0.06
610212	21	32	0.08
610213	22	32	0.08



12.5mm(1/2")Socket Wrench(6 Point)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610241	8	38	0.05
610242	9	38	0.05
610243	10	38	0.05
610244	11	38	0.05
610245	12	38	0.05
610246	13	38	0.05
610247	14	38	0.05
610248	15	38	0.05
610249	16	38	0.05
610250	17	38	0.07
610251	18	38	0.08
610252	19	38	0.06
610253	20	38	0.08
610254	21	38	0.08
610255	22	38	0.09
610256	23	38	0.09
610257	24	38	0.10
610258	26	41	0.16
610259	27	43	0.16
610260	28	44	0.18
610261	29	44	0.17
610262	30	44	0.19
610263	32	44	0.20



19mm(3/4")Socket Wrench(6 Point)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610305	24	55	0.30
610306	26	55	0.31
610307	27	55	0.31
610308	29	55	0.35
610309	30	55	0.40
610310	32	60	0.43
610311	35	60	0.47
610312	36	60	0.49
610313	38	65	0.69
610314	41	65	0.67
610315	46	65	0.72
610316	50	70	0.85

WE THE CRAFTSMEN DO SAFETY FIRST



19mm(3/4")Socket Wrench(12Point)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610322	21	55	0.25
610323	22	55	0.25
610324	23	55	0.27
610325	24	55	0.30
610326	26	55	0.30
610327	27	55	0.31
610328	29	55	0.31
610329	30	55	0.40
610330	32	60	0.43
610331	35	60	0.45
610332	36	60	0.49
610333	38	60	0.50
610334	41	65	0.67
610335	46	65	0.72
610336	50	70	0.85
610337	54	70	0.90
610338	55	70	0.95
610339	58	70	1.00
610340	60	70	1.00



19mm(3/4")Socket Wrench(12 Point)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610351	32	60	0.46
610352	35	65	0.53
610353	36	65	0.53
610354	38	70	0.66
610355	41	70	0.66
610356	46	75	0.78
610357	50	75	0.89
610358	54	80	1.05
610359	55	80	1.05
610360	58	85	1.32
610361	60	85	1.32
610362	63	90	1.48
610363	65	90	1.48
610364	67	90	1.63
610365	70	90	1.63
610366	71	95	2.16
610367	75	95	2.16
610368	77	95	2.39
610369	80	95	2.39
610370	85	95	2.39



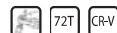
12.7mm(1/2")Drive(12Point)



IMPA CODE	Size (mm)	L (mm)
610376	10	83
610377	11	83
610378	12	83
610379	13	83
610380	14	83
610381	17	83
610382	19	83
610383	21	83
610384	22	83
610385	23	83
610386	24	83
610387	26	83
610388	27	83
610389	29	83
610390	30	83
610391	32	83



Ratchet Handles for Socket Wrenches



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610401	6.3	155	0.18
610403	10	210	0.19
610405	12.5	255	0.21



TO BE SAFE



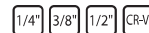
Ratchet Handles for Socket Wrenches



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
610407	3/4"	320	1.49
610409	1"	550	3.22



Sliding T Handles for Socket Wrenches



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610421	6.3	114	0.04
610422	10	165	0.13
610423	12.5	250	0.34



Ratchet Handles for Socket Wrenches



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
610410	1"	180	3.10



Nut Spinner Handles for Socket Wrenches



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610415	6.3*150	150	0.07
610416	10*200	215	0.15
610417	12.5*250	271.5	0.51
610418	12.5*375	386.5	0.56
610419	19	450	1.55



Speeder Handles for Socket Wrenches



IMPA CODE	L (mm)	Weight (mm)
610443	12.5	0.7

WE THE CRAFTSMEN DO SAFETY FIRST



Sliding T Handles for Socket Wrenches

40
CR



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
610424	3/4"	400	1.28
610425	1"	400	1.65



Offset Handles for Socket Wrenches

3/4" 1/2" CR-V



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610436	12.5	250	0.41
610437	20	330	0.85



Extensin Bars for Socket Wrenches

40
CR



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
610456	3/4"	200	0.91
610458	1"	200	1.48



Extensin Driver Handles for Socket Wrenches

1/4" CR-V



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610446	6.3	150	0.83



Extensin Bars for Socket Wrenches

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



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610448	6.3	50	0.02
610449	6.3	150	0.07
610450	10	75	0.07
610451	10	150	0.13
610454	12.5	250	0.20
610455	12.5	300	0.39



Universal Joints for Socket Wrenches

40
CR



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
610468	3/4"	110	0.60
610469	1"	125	1.30

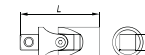


TO BE SAFE



Universal Joints for Socket Wrenches

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



IMPA CODE	Size (")	L (mm)	Weight(kg)
610465	1/4"	39.5	0.03
610466	3/8"	55	0.06
610467	1/2"	75	0.15



Socket Adapters for Socket Wrenches

40
CR



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
610477	3/4"x1"	60	0.34
610478	1"x3/4"	70	0.81
610479	1"x1-1/2"	85	1.17



Double Open End Wrenches Sets (Double Head 15°Angle)

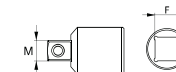


IMPA CODE	Square Drive (mm)
610501	6*7,8*9,10*12,11*13,12*14,14*17
610502	8*9,10*12,12*14,14*17,17*19,21*23
610503	8*9,10*12,12*14,14*17,19*21,23*26
610504	6*7,8*10,11*13,12*14,17*19,22*24



Socket Adapter for Socket Wrenches

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



IMPA CODE	Size (mm) F*M	Weight (kg)
610471	6.3*10	0.90
610472	10*6.3	0.95
610473	10*12.5	0.94
610474	12.5*10	0.90
610475	12.5*20	0.90
610476	20*12.5	0.92



12 Point Double Offset Wrench sets, 45° Double Offset



IMPA CODE	Contents & Opening (mm)	Quantity
610516	10*12,12*14,14*17,17*19,19*21,23*26	6'S
610517	8*10,11*13,12*14,14*17,19*22,24*27	6'S
610518	10*12,12*14,14*17,17*19,19*21,23*26	6'S
610519	8*10,11*13,12*14,14*17,19*22,24*27	6'S
610520	10*12,14*17,19*21	3'S
610521	8*9,10*12,11*13,14*17,19*21,22*24,23*26,24*27	8'S



Double Open End Wrench Sets



IMPA CODE	Size	Contents (mm)
610510	6ps	8*9,10*12,12*14,14*17,17*19,21*23
610511	6ps	8*9,10*12,12*14,14*17,19*21,23*26
610512	6ps	6*7,8*9,10*12,11*13,12*14,14*17
610513	6ps	6*7,8*10,11*13,12*14,17*19,22*24

WE THE CRAFTSMEN DO SAFETY FIRST



Open & 12 Point Box Wrench Sets(15° Angle Open End: 12 Point Opening Box End)



IMPA CODE	Contents & Opening (mm)	Quantity
610531	8,10,12,13,14,17,19,21,22,24	10'S
610532	10,11,12,13,14,17	6'S
610533	6,7,8,9,10,11,12,13,14,17,19	11'S
610534	8,10,12,13,14,17,19,22,24,27,30,32	12'S
610535	8,9,10,11,12,13,14,17,19,22,24,27,30,32	14'S
610536	6,7,8,9,10,11,12,13,14,17,19,22,24,27,30,32	16'S
610537	7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24	18'S
610538	6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,32	26'S



Double Open End Wrenches(15°Angle)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610584	32*35	320	0.79
610585	32*36	320	0.79
610586	32*41	350	0.85
610587	35*41	350	0.85
610588	36*41	350	0.85
610589	41*46	380	1.21
610590	41*50	420	1.25
610591	46*50	420	1.25
610592	50*54	460	1.80
610593	50*55	460	1.80
610594	50*58	500	2.65
610595	50*60	500	2.65
610596	54*58	500	2.65
610597	55*60	600	2.65



Double Open End Wrenches(15°Angle)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610549	12*13	181	0.07
610550	14*15	189	0.11
610551	5.5*7	126	0.02
610552	6*7	126	0.02
610555	8*9	145	0.04
610556	8*10	145	0.04
610559	10*11	163	0.06
610560	10*12	163	0.06
610564	11*13	181	0.07
610565	12*14	181	0.07
610567	14*17	189	0.11
610568	17*19	180	0.15
610570	19*21	243	0.20
610571	19*22	243	0.20
610572	19*24	220	0.25
610573	21*23	238	0.20
610575	22*24	265	0.22
610576	23*26	287	0.40
610577	24*27	287	0.40
610581	27*30	298	0.49
610583	30*32	311	0.56



Double Open End Wrenches(15°Angle)



IMPA CODE	Opening (mm)	Overall Length (mm)
610553	6*8	105
610554	7*8	105
610557	8*11	120
610558	9*10	120
610561	10*13	140
610562	10*14	140
610563	11*12	140
610566	13*17	165



TO BE SAFE



Double Open End Wrenches(15°Angle)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610610	14	140	0.09
610611	17	160	0.10
610612	19	170	0.12
610613	21	195	0.16
610614	22	195	0.16
610615	23	220	0.18
610616	24	220	0.18
610617	26	220	0.18
610618	27	240	0.27
610619	29	260	0.30
610620	30	260	0.30
610621	32	275	0.38
610622	35	310	0.50
610623	36	310	0.50
610624	38	345	0.58
610625	41	345	0.58
610626	46	375	0.90
610627	50	410	1.15
610628	54	450	1.40
610629	55	450	1.40
610630	58	490	2.00
610631	60	490	2.00
610632	63	530	2.80
610633	65	530	2.80
610634	67	570	3.05
610635	70	570	3.05
610636	71	610	3.50
610637	75	610	3.50
610638	77	645	4.60
610639	80	645	4.60
610640	85	690	5.20
610641	90	850	6.10
610642	95	850	6.10
610643	100	1000	7.70
610644	105	1000	7.70
610645	110	1000	9.00
610646	115	1000	9.00
610647	120	1000	9.50



12 Point Single End Wrenches(40°Bent)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610651	10	119	0.06
610652	11	151	0.08
610653	12	151	0.08
610654	13	151	0.09
610655	14	151	0.09
610656	17	174	0.15
610657	19	207	0.22
610658	21	207	0.22
610659	22	207	0.22
610660	23	250	0.33
610661	24	250	0.33
610662	26	250	0.33
610663	27	250	0.33
610664	29	295	0.52
610665	30	295	0.52
610666	32	295	0.55
610667	35	307	0.60
610668	36	307	0.60
610669	38	340	0.78
610670	41	340	0.78
610671	46	370	1.05
610672	50	400	1.58
610673	54	430	2.13
610674	55	430	2.13
610675	58	450	2.43
610676	60	450	2.43
610677	63	470	2.52
610678	65	470	2.52
610679	67	490	3.48
610680	70	490	3.48
610681	71	510	3.80
610682	75	510	3.80
610683	77	530	4.20
610684	80	530	4.20
610685	18	207	0.22



WE THE CRAFTSMEN DO SAFETY FIRST



12 Point Double End Wrenches
(Both Heads 40°Bent)



Open & 12 Point Box Wrenches(15° Angle Open
End-12 Point Opening Box End)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610701	10*11	195	0.10
610702	10*12	195	0.10
610704	11*13	210	0.12
610705	12*14	210	0.12
610707	14*17	238	0.15
610708	17*19	259	0.20
610710	19*21	278	0.27
610711	19*22	278	0.27
610712	19*24	320	0.30
610713	21*23	300	0.31
610714	21*26	340	0.45
610715	22*24	327	0.38
610716	23*26	340	0.40
610717	24*27	370	0.47
610718	24*30	350	0.50
610719	26*32	370	0.65
610720	27*30	380	0.45
610724	12*13	210	0.12
610725	14*15	238	0.15
610726	6*7	164	0.05
610727	8*9	180	0.08
610728	8*10	180	0.08
610729	10*11	195	0.10
610730	10*12	195	0.10
610732	11*13	210	0.12
610733	12*14	210	0.12
610735	14*17	238	0.15
610736	17*19	258	0.20
610737	17*21	278	0.27
610738	19*21	278	0.27
610739	19*22	278	0.27
610740	19*24	320	0.30
610741	21*23	300	0.31
610742	21*26	340	0.45
610743	22*24	327	0.38
610744	23*26	340	0.45
610745	24*27	370	0.47
610746	24*30	350	0.50
610747	26*29	350	0.50
610748	26*32	370	0.65
610749	27*30	380	0.45
610750	29*32	370	0.65
610751	30*32	415	0.62
610752	32*35	430	0.95
610753	32*36	430	0.95
610754	35*41	470	1.20
610755	36*41	470	1.20

IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610761	6	127.5	0.03
610762	7	128	0.03
610763	8	142	0.04
610764	9	151	0.04
610765	10	161	0.05
610766	11	168	0.06
610767	12	172	0.07
610768	13	180	0.07
610769	14	192	0.10
610770	16	210	0.12
610771	17	226	0.15
610772	19	250	0.18
610773	21	275	0.26
610774	22	295	0.31
610775	23	305	0.28
610776	24	315	0.43
610777	26	325	0.37
610778	27	337	0.48
610779	30	355	0.48
610780	32	376	0.51
610781	35	360	0.55
610782	36	360	0.55
610783	41	430	1.36
610784	43	480	1.81
610785	45	480	1.81
610786	46	480	1.81
610787	50	520	2.02
610788	54	560	2.58
610789	55	560	2.58
610790	58	595	3.10
610791	60	595	3.10
610792	15	200	0.10
610793	18	238	0.16
610794	20	262	0.17
610795	25	325	0.37
610796	28	333	0.48
610797	29	350	0.51
610801	1/4"	102	0.16
610802	5/16"	114	0.18
610803	3/8"	129.5	0.28
610804	7/16"	142.5	0.26
610805	1/2"	154	0.29
610806	9/16"	170	0.33
610807	5/8"	186	0.50
610808	11/16"	206	0.63
610809	3/4"	222	0.74
610810	13/16"	263	1.81
610811	7/8"	276.5	1.81
610812	15/16"	285	2.02
610813	1"	321	2.02
610814	1-1/16"	358	2.58
610815	1-1/8"	379	3.10
610816	1-1/4"	413	3.10



TO BE SAFE



Open & 12 Point Box Wrenches(15° Angle Open
End-12 Point Opening Box End)

40 CR DIN 3113



Open & 12 Point Box Wrenches(15° Angle Open
End-12 Point Opening Box End)

72T 5° CR-V



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
610817	1-11/16"	480	0.02
610818	1-3/4"	480	0.03
610819	1-7/8"	520	0.04
610820	2"	520	0.05
610821	2-1/8"	560	0.06
610822	2-1/4"	595	0.07
610823	2-3/8"	595	0.10

IMPA CODE	Size (mm)	Pcs/set
610845	10-14	4's(10,12,13,14)
610846	8-17	6's(8,10,12,13,14,17)



Open & 12 Point Box Wrenches(15° Angle Open
End-12 Point Opening Box End)

72T 5° CR-V



6 Point T-Type Wrenches Handles Fixed/Not
Removable)

CR-V



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610831	8	132	0.06
610832	9	132	0.06
610833	10	149	0.08
610834	11	167	0.11
610835	12	185	0.14
610836	13	185	0.14
610837	14	202	0.16
610838	15	202	0.16
610839	17	220	0.22
610840	19	238	0.28

IMPA CODE	Size (mm)	Weight (kg)
610852	7	0.26
610853	8	0.25
610854	9	0.25
610855	10	0.26
610856	11	0.26
610857	12	0.28
610858	13	0.28
610859	14	0.30
610860	17	0.37
610861	19	0.39

6 Point Y-Type Wrenches 3 Different Opening
Selected Alloy Steel

CR-V



IMPA CODE	Size (mm)	Weight (kg)
610971	8*10*12	0.26
610972	10*12*14	0.32
610974	12*14*17	0.50
610976	14*17*19	0.70



12 Point & Spud End Wrench(60° Offset)

40 CR



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
611003	17	310	0.19
611004	19	330	0.22
611005	21	350	0.28
611006	22	350	0.28
611007	23	370	0.34
611008	24	370	0.34
611009	26	400	0.43
611010	27	400	0.43
611011	30	430	0.60
611012	32	430	0.58
611013	35	460	0.83
611014	36	460	0.83
611015	41	490	1.07
611016	46	520	1.45
611017	50	540	1.78
611018	54	560	2.10
611019	55	560	2.10
611020	58	610	2.50
611021	60	610	2.50
611022	29	430	0.60
611023	34	460	0.83
611024	38	490	1.07
611043	42	520	1.45
611044	43	520	1.45
611045	44	520	1.45
611046	48	540	1.78
611047	65	630	2.70



Wrenches,Single Head Ratchet 12 Point

40 CR



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
611026	10	235	0.19
611027	12	235	0.19
611028	13	235	0.19
611029	14	235	0.19
611030	17	270	0.28
611031	19	312	0.43
611032	21	312	0.43
611033	22	312	0.43
611034	24	355	0.63
611035	26	355	0.63
611036	27	355	0.63
611037	30	395	0.88
611038	32	395	0.88
611039	35	435	1.31
611040	36	435	1.31
611041	41	455	1.75
611042	46	500	2.13



One Head Ratchet Socket Wrench

40 CR



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
611051	10*12	235	0.20
611052	10*13	235	0.20
611053	10*14	235	0.20
611054	12*14	235	0.20
611055	13*17	270	0.30
611056	14*17	270	0.30
611057	17*19	312	0.45
611058	17*21	312	0.45
611059	19*22	312	0.45
611060	19*24	355	0.67
611061	21*26	355	0.67
611062	21*27	355	0.67
611063	22*24	355	0.67
611065	24*27	355	0.67
611066	24*30	395	0.92
611067	26*32	395	0.92
611068	27*30	395	0.92
611069	30*32	395	0.92



6 Point L-Type Wrenches(Offset Wrenches)

CR-V



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
610941	6	102	0.04
610942	7	106	0.04
610943	8	114	0.07
610944	9	122	0.08
610945	10	129	0.10
610946	11	136	0.13
610947	12	144	0.15
610948	13	152	0.18
610949	14	160	0.20
610950	17	187	0.31
610951	19	204	0.45
610952	21	221	0.53
610953	22	230	0.59
610954	23	240	0.61
610955	24	250	0.64
610956	26	270	0.94
610957	27	280	1.02
610958	30	310	1.31
610959	32	330	1.57
610960	35	360	1.75
610961	36	370	1.83

Striking Wrenches 12 Point Ring(Slogging
Wrenches 12 Point Ring)

40 CR

DIN 7444



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
611101	30	185	0.45
611102	32	185	0.45
611103	35	205	0.55
611104	36	205	0.55
611105	41	225	0.71
611106	46	235	0.90
611107	50	250	1.20
611108	54	265	1.36
611109	55	265	1.36
611110	58	274	1.50
611111	60	274	1.50
611112	63	298	1.90
611113	65	298	1.90
611114	67	320	2.30
611115	70	320	2.30
611116	71	326	2.85
611117	75	326	2.85
611118	77	350	3.40
611119	80	350	3.40
611120	85	355	4.10
611121	90	380	5.20
611122	95	410	6.70
611123	100	410	6.70
611124	105	445	8.64
611125	110	445	8.64
611126	115	480	10.40
611127	120	480	10.40
611128	125	520	11.90
611129	130	520	11.90
611130	135	520	12.28
611131	145	560	13.65

Striking Wrenches Single Open End(Slogging
Wrenches 12 Point Ring)

40 CR

DIN 133



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
611141	30	190	0.50
611142	32	190	0.54
611143	35	210	0.70
611144	36	210	0.70
611145	41	230	0.90
611146	46	250	1.20
611147	50	275	1.60
611148	54	305	2.00
611149	55	305	2.00
611150	58	315	2.20
611151	60	315	2.20
611152	63	335	3.10
611153	65	335	3.10
611154	67	370	4.00
611155	70	370	4.00
611156	71	375	4.50
611157	75	375	4.50
611158	77	400	5.50
611159	80	400	5.50
611160	85	400	5.50
611161	90	445	8.00
611162	95	485	11.50
611163	100	485	11.50
611164	105	512	14.00
611165	110	512	14.00
611166	115	530	16.30
611167	120	530	16.30
611168	125	560	18.50
611169	130	560	18.50
611170	135	630	24.00
611171	145	630	24.00



Hook Wrench,Adjustable

40 CR



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
611201	45-90	250	0.39
611202	95-165	310	0.58

WE THE CRAFTSMEN DO SAFETY FIRST



Hook Spanner Wrenches

40
CR



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
611206	12-14	116	0.01
611207	16-18	116	0.02
611208	25-28	139	0.03
611209	30-32	140	0.06
611210	34-36	170	0.09
611211	40-42	176	0.10
611212	45-50	209	0.15
611213	52-55	212	0.16
611214	58-62	244	0.21
611215	68-75	250	0.25
611216	80-90	284	0.37
611217	95-100	288	0.41
611218	110-115	337	0.70
611219	120-130	343	0.75
611220	135-145	388	1.05



Value Wheel Wrenches(Claw Type)

40
CR



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
611231	2"-7"	460	0.23
611233	8"-15"	660	1.55
611234	16"-20"	915	1.96



Allen Hexagon Wrenches



IMPA CODE	Size (mm)	L (mm)
611242	1.5	46.5
611243	2	52
611245	2.5	58.5
611246	3	66
611247	4	74
611248	5	85
611249	6	96
611250	7	102
611251	8	108
611252	9	114
611253	10	122
611254	12	137
611255	14	154
611256	16	168
611257	17	177
611258	19	199
611259	21	211
611260	22	187
611261	23	192
611262	24	192
611263	26	213
611264	27	213
611265	32	286
611266	36	328
611267	1/8"	59.5
611268	5/32"	65.8
611269	3/16"	72.2
611270	7/32"	78.5
611271	1/4"	84.9
611272	5/16"	97.6
611273	3/8"	110.3
611274	7/16"	123
611275	1/2"	135.7
611276	9/16"	148.4
611277	3.5	69.5
611278	4.5	80
611279	5.5	91



TO BE SAFE



Allen Hexagon Wrenches Sets

CR-V
6150



IMPA CODE	Size (")	Weight (kg)
611282	1/16";5/64";3/32";7/64";1/8";9/64";5/32";3/16";7/32";1/4";5/16";3/8"	0.67



Allen Hexagon Wrenches Sets

CR-V
6150



IMPA CODE	Size (mm)	Weight (kg)
611281	1.5,2,2.5,3,4,5,6,8,10	0.67



Pipe Wrenches(Straight Heavy Duty)

CrMo



IMPA CODE	Size (inch)	L (mm)	Opening Capacity (mm)	Weight(kg)
611301	6"	150	20	0.23
611302	8"	200	25	0.40
611303	10"	250	30	0.70
611304	12"	300	40	0.96
611305	14"	350	50	1.31
611306	18"	450	60	2.08
611307	24"	600	75	3.33
611308	36"	900	85	5.75
611309	48"	1200	100	10.00



Pipe Wrenches(45°)

45°
CR-V



IMPA CODE	Size (inch)	L (mm)	Opening Capacity (mm)	Weight(kg)
611311	1"	330	40	0.79
611312	1.5"	415	55	1.34
611313	2"	535	67	2.38

WE THE CRAFTSMEN DO SAFETY FIRST



Pipe Wrenches(S-Type 45°)



Speed Wrenches, Adjustable



IMPA CODE	Size	L (mm)	Opening Capacity (mm)	Weight(kg)
611315	0.5"	235	25	0.40
611316	1"	330	40	0.79
611317	1.5"	420	55	1.34
611318	2"	535	67	2.38
611319	3"	652	103	4.17

IMPA CODE	Length (mm)	Maximum Open (mm)
611327	200	24
311329	300	35



Motor Wrenches



Adjustable Wrenches(Heavy Duty)



IMPA CODE	Size (mm)	L (mm)	Opening Capacity (mm)	Weight(kg)
611321	230	230	62	0.50
611322	280	280	78	0.83

IMPA CODE	Size (mm)	L (mm)	Opening Capacity (mm)	Weight(kg)
611331	100	108	13	0.05
611332	150	158	19.3	0.13
611333	200	208	24	0.255
611334	250	258	29	0.42
611335	300	308	34	0.74
611336	375	385	45	1.22
611337	450	462	55	1.75
611338	600	612	62	2.93

<http://www.wedotools.de>



TO BE SAFE



12pcs 3/4"Dr Socket Wrench Set



Torque Wrench



IMPA CODE	Size (inch)	L (mm)	Opening Capacity (mm)	Weight(kg)
611341	1"	320	40	0.74
611342	1.5"	425	55	1.28
611343	2"	560	67	2.25
611344	3"	630	103	2.97
611345	4"	735	121	5.17



Chain Pipe Wrench



IMPA CODE	Size	L (mm)
611371	12-50	300
611372	14-89	300
611373	17-120	375
611374	25-170	600



Extra chain For Pipe Wrench



IMPA CODE	Size	L (mm)
611381	12-50	300
611382	14-89	300
611383	17-120	375
611384	25-170	600

IMPA CODE	Sq.Drive	Capacity min-max. N.m-cm
611401	9.5	6.0-30
611402	9.5	10-60
611403	12.7	20-100
611404	12.7	25-125
611405	12.7	40-200
611406	19	65-335
611407	19	80-400
611408	19	100-500
611409	19	160-800
611410	25.4	160-800
611411	25.4	200-1000



Torque Wrench, Dial Type



IMPA CODE	Size(mm)	Capacity min-max. N.m
611416	1/4"	0-6
611417	1/4"	0-12
611418	3/8"	0-24
611419	3/8"	0-70
611420	1/2"	0-140
611421	1/2"	0-240
611422	3/4"	0-480
611423	3/4"	0-480

<http://www.wedotools.de>



Torquo Wrench(Preset Type)



IMPA CODE	Size (mm)	L (mm)	Capacity min.-max. (N.M)	Precision (%)	DiviSionValue (N.m)	Arm of Force (mm)	Opening(mm)	Weight(kg)
611428	9.5 (3/8")	225	5-25	± 4	0.25	165	8-32	0.28
611429	9.5 (3/8")	307	10-50	± 4	0.5	240	8-32	0.55
611430	12.5 (1/2")	420	20-100	± 4	1	350	12-36	0.85
611431	12.5 (1/2")	395	40-200	± 4	1	395	12-36	0.65



Combination Pliers(Slip Joint)



IMPA CODE	Size (inch)	Weight (kg)
611601	6"	0.27
611602	8"	0.38



Thin Bent Nose Pliers



IMPA CODE	Size (inch)	Weight (kg)
611612	8"	0.38



Long Nose Straight Pliers



IMPA CODE	Size (inch)	Weight (kg)
611616	6"	0.23
611617	8"	0.35



Water Pump Plires(Channel Locks)



IMPA CODE	Size (mm)	L (mm)	Opening Capacity (mm)	Weight (kg)
611626	250	240	33	0.37
611627	300	300	42	0.54



Heavy Water Pump Pliers(Five Adjustment)



IMPA CODE	Size (mm)	L (mm)	Opening Capacity (mm)	Weight (kg)
611629	200	200	25	0.23
611630	250	250	45	0.4
611631	300	315	54	0.63
611632	400	418	95	1.13



Gripping Pliers For Plastic Pipe



IMPA CODE	Capacity Diam (mm)	Length (mm)
611635	63.5-116	225



Vise Grip Combination Pliers(Mole Grip Wrenches)



IMPA CODE	Size (inch)	L (mm)	Opening Capacity (mm)	Weight (kg)
611641	5"	140	20	0.17
611642	7"	185	35	0.39
611644	10"	225	40	0.62



Side Cutting Pliers(Non-Insulated Handle)



IMPA CODE	Size (inch)	Weight (kg)
611651	6"	0.27
611652	7"	0.30
611653	8"	0.38



Side Cutting Pliers(Insulated Handle)

AC 1000V
IEC 60900:2004



IMPA CODE	Size (inch)	Weight (kg)
611657	6"	0.25
611658	7"	0.30
611659	8"	0.37



Side Cutting Pliers With Spring
(Plastic Covered Handle)

40 CR HRC 58-63



IMPA CODE	Length (mm)
611666	150
611667	175
611668	200



Side Cutting & Reamer Pliers

40 CR HRC 58-63



IMPA CODE	Opening (mm)
611671	150
611673	200



Mini Combination Pliers



IMPA CODE	Length (mm)
611675	115



Round Nose Pliers

40 CR HRC 58-63



IMPA CODE	Size (inch)	Weight (kg)
611682	6"	0.25



Mini Long Round Nose Pliers



IMPA CODE	Length (mm)
611684	115



Long Needle Nose Pliers



IMPA CODE	Length (mm)
611686	125
611687	150



Insulated Round Nose Pliers

AC 1000V
IEC 60900:2004



IMPA CODE	Size (inch)	Weight (kg)
611689	6"	0.23



Bent Nose Pliers



IMPA CODE	Size (inch)	Weight (kg)
611691	6"	0.19



Long Nose & Side Cutting Pliers



IMPA CODE	Size (inch)	Weight (kg)
611695	6"	0.19
611696	8"	0.25



Flat Nose Pliers(Plastic Covered Handle)

AC 1000V
IEC 60900:2004



IMPA CODE	Size (inch)	Weight (kg)
611706	6"	0.19



Mini Long Flat Nose Pliers



IMPA CODE	Length (mm)
611709	125



Mini Diagonal Cutting Pliers



IMPA CODE	Length (mm)
611721	115



Cable Shoe Pliers



IMPA CODE	Plier, Cable Shoe (mm)
611730	1.5-8.0



Insulated Diagonal Insulation Strippers

AC 1000V
IEC 60900:2004



IMPA CODE	Size (inch)	Weight (kg)
611723	6"	0.25



Insulated Diagonal Cutters



专利号: ZL 2017 3 0667984.3



IMPA CODE	Length (mm)
611727	160
611728	180



Cable Shoe Clamping Tool Kits



IMPA CODE	Plier, Cable Shoe (mm)
611732	1.5-8.0



Hydraulic Cable Shoe Pliers



IMPA CODE	Applicable Cable Shoe Size	Max.pressure
611734	10-120	10t



Wire Strippers



IMPA CODE	Size (inch)	Weight (kg)
611741	6"	0.25



Insulated Wire Strippers

AC 1000V
IEC 60900:2004



IMPA CODE	Size (inch)	Weight (kg)
611742	6"	0.25



Electricians' Pliers



IMPA CODE	Length (mm)
611743	160
611744	160



Electronics Wire Strippers(Opening Spring)



IMPA CODE	Stripping Capacities	Length (mm)
611749	0.1-0.8	170



Bulldog End Cutting Pliers



IMPA CODE	Size (inch)	Weight (kg)
611751	6"	0.20
611753	8"	0.33



Flat Nose Japanese Type Pliers



IMPA CODE	Length (mm)
611756	150
611757	180



Hand Snips, Straight Edge



IMPA CODE	Length (mm)
611771	200
611772	250
611774	300



External Ring Pliers(Bent Nose)



IMPA CODE	Size (inch)	Opening (mm)
611812	5"	10-25
611813	7"	19-40
611814	9"	32-80



Tweezers



IMPA CODE	Tip Style	Grip Style
611791	Sharp	Smooth
611792	Rounded	Serrated
611793	Curved	Smooth



Internal Ring Pliers(Straight Nose)



IMPA CODE	Size (inch)	Opening (mm)
611822	5"	10-25
611823	7"	19-40
611824	9"	32-80



External Ring Pliers(Straight Nose)



IMPA CODE	Size (inch)	Opening (mm)
611802	5"	10-25
611803	7"	19-40
611804	9"	32-80



Internal Ring Pliers(Bent Nose)



IMPA CODE	Size (inch)	Opening (mm)
611832	5"	10-25
611833	7"	19-40
611834	9"	32-80



Cloth Scissors



IMPA CODE	Overall Length (mm)
611841	210
611843	240
611845	270



Electrician Knives



IMPA CODE	Type	L (mm)
611851	Straight Blade	205.0



Bolt Cutters,Straight Edge(Complete Cutter)

T8A



IMPA CODE	Size (mm)	Cutting Dia. (mm)	Weight (kg)
611860	300	4	0.84
611861	350	5	1.08
611862	450	6	1.58
611863	600	8	2.69
611864	750	10	4.02
611865	900	12	6.00
611866	1050	14	8.60



Wire Rope Cutters(Complete)



IMPA CODE	Size (inch)	Cutting Dia. (mm)	Weight (kg)
611901	24"	12	2.71
611902	36"	14	6.00
611903	36"	14	6.00
611904	42"	18	8.35



Spare Jaw For Cable Cutters



IMPA CODE	Size (mm)
611920	450
611921	750
911922	1050



Portable Midget Cutters



IMPA CODE	Size (mm)
611936	200





Packing Hooks



IMPA CODE	Size
612004	Packing Hook Set, Complete



Copper & Brass Tube Cutters



IMPA CODE	Size
612035	1/8"-1-1/4" (3-32mm)
612036	1/4"-2" (6-50mm)
612037	1/4"-2-1/2" (6-64mm)



Single Wheel Pipe Cutters



IMPA CODE	Size	Diameter (mm)
612020	2"	12-50
612021	3"	25-75
612022	4"	50-120



Heavy Duty Slotted Screwdrivers (Insulated Handle)



IMPA CODE	Size (mm)	D (mm)	L (mm)
612264	7"125	1	230
612265	8"150	1.2	260



Cutting & Flaring Tool Sets



IMPA CODE	Bore Hole Diameter
612030	6,8,10,12,16,19mm



Heavy Duty Phillips Screwdrivers (Insulated Handle)



IMPA CODE	Size (mm)	D (mm)	L (mm)
612272	PH0*75	3	158
612273	PH1*75	4.5	185
612274	PH2*125	6	220
612275	PH3*150	8	269



Internal Ring Pliers (Straight Nose)



IMPA CODE	Size (mm)	Pc/Box
612287	-8 x 200	6
612288	-8 x 250	6
612290	-5 x 75	12
612291	-6 x 100	12



Phillips Screwdrivers (Plastic Handle And Square Blade)



IMPA CODE	Size (mm)	Pc/Box
612295	PH1 x 75	12
612296	PH2 x 100	12
612297	PH3 x 200	6



Slotted Screwdriver (Plastic Handle)



IMPA CODE	Size (mm)	Pc/Box
612324	-6 x 38	12



Stubby Screwdrivers (Wood Or Plastic Handle)



IMPA CODE	Size	Blade Length (mm)
612325	(+) No.1, plastic handle	38
612326	(+) No.2, plastic handle	38



Hexagon Nut Drivers



IMPA CODE	Opening (mm)	Overall Length (mm)
612367	5	200
612368	5.5	200
612369	6	200
612370	7	245
612392	8	245
612371	9	245
612372	10	245



Screwdriver Sets, Watch Makers



IMPA CODE	Type	Size (mm)	Pcs
612412	Slotted & Phillips	#1, #0, 1.4, 2.2, 4.3	6



Ball Pein Hammers(Handled)



IMPA CODE	Size (lb)	L (mm)
612501	1/4	320
612502	1/2	320
612503	3/4	320
612504	1	320
612506	1.5	320
612507	2	340
612508	2.5	340
612509	3	340



Bell Face-Hand Hammers With Nail Puller, Handled



IMPA CODE	Size (lb)	L (mm)
612606	12 oz	320
612607	16 oz	320
612608	20 oz	340



Blacksmiths'Sledge Hammers Double Face with Handle



IMPA CODE	Size (lb)
612521	2
612522	3
612523	4
612524	5
612525	6
612526	8
612527	10
612528	12
612529	14
612530	15
612531	16
612532	18
612533	20
612534	22



Chipping Hammers Handle



IMPA CODE	Size (g)	Pc/Box
612611	200	72
612612	500	36



Testing Hammer Handled



IMPA CODE	Weight (kg)
612603	0.33



Combination Hammers, Handled



IMPA CODE	Nos.
612616	30mm
612617	35mm



Carpenter Hammers(Tubular Steel&Cushion Grip)



IMPA CODE	Size (lb)	L (mm)
612621	16 oz	320
612622	20 oz	340



Plastic Hammers, Handled And Replaceable Tips



IMPA CODE	No.	Head Diam (mm)
612751	1/2	53
612752	3/4	55
612753	1	61
612754	1-1/2	71



Copper Hammers(Handled)



IMPA CODE	Size (id)	L (mm)	Weight (kg)
612641	1/2	310	0.45
612642	1	310	0.45
612643	1-1/2	320	0.91
612644	2	320	0.91
612645	3	360	1.40
612646	4	380	1.80
612647	5	400	2.25



Wood Mallet Hammers, Handled



IMPA CODE	Head Diam (mm)
612761	45
612762	55
612763	65
612764	75



Brass Hammers(Handled)



IMPA CODE	Size (id)	L (mm)	Weight (kg)
612691	1/2	280	0.23
612692	1	300	0.45
612693	1-1/2	320	0.68
612694	2	320	0.91
612695	3	360	1.40
612696	4	380	1.80
612697	5	400	2.25



Plastic Hammers, Handled and Replaceable Tips



IMPA CODE	No.	Head Diam (mm)
612721	1/2	30
612722	1	35



Glass Cutters



IMPA CODE	Size (mm)
612803	3-12



Claw And Chisel End Bars



IMPA CODE	Length (mm)
612851	300
612855	450
612858	600
612859	750
612860	900



Carpenters'Pincers(Plastic Coated Handle)



IMPA CODE	Size (mm)
612832	150
612834	200



Straight Pinch And Chisel End Bars



IMPA CODE	Length (mm)
612865	600
612866	900
612867	1200



Claw And Nail Puller Bars



IMPA CODE	Size (mm)
612841	200
612842	240
612843	260
612844	300
612845	330
612846	360
612847	460



Gooseneck Type Bars



IMPA CODE	Length (mm)
612871	600
612872	900
612873	1200



Cold Chisel



IMPA CODE	Blade Width (mm)	Length (mm)
612903	22	200
612904	22	250
612905	27	200
612907	27	250
612908	22	300



Pin Rivet Punches



IMPA CODE	Point (mm)
613071	3
613072	4
613073	5
613075	6
613076	8



Cape Chisel



IMPA CODE	Blade Width (mm)	Length (mm)
612912	4.8	150



Torque Driver, Preset Type



Center Punch Sets, Combination



IMPA CODE	Length (mm)	Pcs
613066	150	12

IMPA CODE	Head Diam (mm)
613001	3
613002	4
613003	5
613004	6
613005	7
613006	8
613007	9
613008	10
613009	11
613010	12
613011	13
613012	14
613013	15
613014	16
613015	17
613016	18
613017	19
613018	20
613020	22
613022	24
613024	26
613026	28
613028	30
613029	35
613030	40



Chisel & Punch Sets, Combination



IMPA CODE	Length (mm)	Pcs
613088	150	6



Hand Saws



IMPA CODE	Blade Length (mm)
613401	450
613403	500



Letter Or Figure Sets, In Steel Box



• Letter Sets 27 Pieces

IMPA CODE	Size (mm)
613104	3.0
613105	4.0
613106	5.0
613107	6.0
613108	8.0
613109	10.0
613110	12.0
613111	14.0



Letter or Figure Sets, In Steel Box



• Letter Sets 9 Pieces

IMPA CODE	Size (mm)
613119	3.0
613120	4.0
613121	5.0
613122	6.0
613123	8.0
613124	10.0
613125	12.0
613126	14.0



Cast Iron Anvils



IMPA CODE	Overall Length
613168	25kg
613170	35kg
613171	45kg
613176	90kg



Compass Or Keyhole Saws



IMPA CODE	Blade Length (mm)
613416	380*230*150



Hacksaw Frames



IMPA CODE	Size	Blade Length (mm)
613426	35*150	Adjustable, from 250 to 300



Trowel (Heart Type)



IMPA CODE	Length (mm)
613652	150
613654	170
613655	180
613656	190



Butt Chisels



IMPA CODE	Blade Width (mm)
613611	6
613612	8
613613	12
613614	16
613615	18
613616	24
613617	32
613618	38



Putty Knives



IMPA CODE	Length (mm)
613671	25
613673	50
613675	75
613677	100



Square Shovels



IMPA CODE	Length (mm)
613685	970



Electrician's Tool Belts



IMPA CODE	Description
613691	Laser belt for electrician, with 3 tool pockets
613692	Laser belt for electrician, with 4 tool pockets



Hydraulic Pipe Benders(Portable)



IMPA CODE	Capacity (Ton)	Max.storke (mm)	Bending Range (mm)	Bending Formers (in)	Wall Thickness of Pipe(mm)	Volume (mm)	GW (kg)
613711	13T	250	Φ 21.3-Φ 60	1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	2.75-4.50	730*320*200	53
613712	23T	370	Φ 21.3-Φ 108	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"	2.75-6.00	1180*460*230	165



C-Type Screw Clamps



IMPA CODE	Opening (mm)
613716	25
613718	50
613719	75
613720	105
613721	125
613722	150
613723	200
613724	245
613725	285



Hand Vises



IMPA CODE	Opening(mm)	Overall Length(mm)
613751	25	100



Pipe Vises



IMPA CODE	Size	Pc/Box	Opening Capacity (mm)	Weight (kg)
613755	2"	4	10-60	13.5
613756	3"	4	15-90	18.5
613757	4"	2	10-102	17.5



Clamp Base Vises



IMPA CODE	Jaws	
	Width (mm)	Opening (mm)
613766	50	63
613767	60	71
613768	70	72



Parallel Bench Vises, With Swivel Base



IMPA CODE	Jaws	
	Width (mm)	Opening (mm)
613786	100	100
613787	125	125



Drum Pumps Rotary Hand Pumps



IMPA CODE	Contents	Size
614007	Rotary hand pump	1 inch



Drum Pumps Plastic Hand Pumps



IMPA CODE	Contents	Size
614010	Pump, hand, pump	pc



Drum Hooks for 2 Drums



IMPA CODE	Contents	Size
614026	Drum hook, chain, for 2 drum	set



Drum Hooks For 1 Drum



IMPA CODE	Contents	Size
614025	Drum hook, chain, for one drum	pc



Drum Clamp



IMPA CODE	Contents	Max. Jaw Opening
614028	Clamp, drum, Capacity 0.8 ton	pc



Steel Plate Clamp



IMPA CODE	Capacity tons	Max. Jaw Opening (mm)	Weight (kg)
614030	1	0-20	5.8
614031	2	0-30	8.1
614032	3	0-35	11.4
614033	5	0-50	17.4
614034	8	0-60	27.6



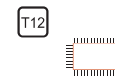
Steel Structure Clamp



IMPA CODE	Capacity tons	Max. Jaw Opening (mm)	Eye ID (mm)	Weight (kg)
614037	1	1-13	23	1.5
614038	2	3-22	30	3.7
614039	3	22-45	36	8.1



Flat Files-Double Cut



IMPA CODE	Size (in)	Tooth Form	Pc / Box	Weight (kg)
614301	6"	Baststd	300	0.06
614302	8"	Baststd	120	0.13
614303	10"	Baststd	80	0.23
614304	12"	Baststd	40	0.38
614305	14"	Baststd	40	0.58
614308	6"	Second cut	300	0.06
614309	8"	Second cut	120	0.13
614310	10"	Second cut	80	0.23
614311	12"	Second cut	40	0.38
614312	14"	Second cut	40	0.58
614315	6"	Smooth	300	0.06
614316	8"	Smooth	120	0.13
614317	10"	Smooth	80	0.23
614318	12"	Smooth	40	0.38



Half Round Files-Double Cut



IMPA CODE	Size (in)	Tooth Form	Pc/Box	Weight (kg)
614328	6"	Baststd	300	0.06
614329	8"	Baststd	120	0.11
614330	10"	Baststd	80	0.21
614331	12"	Baststd	40	0.33
614335	6"	Second cut	300	0.06
614336	8"	Second cut	120	0.11
614337	10"	Second cut	80	0.21
614338	12"	Second cut	40	0.33
614342	6"	Smooth	300	0.06
614343	8"	Smooth	120	0.11
614344	10"	Smooth	80	0.21
614345	12"	Smooth	40	0.33



Round Files-Double Cut

T12



IMPA CODE	Size (in)	Tooth Form	Weight (kg)
614356	6"	Bastrsd	0.03
614357	8"	Bastrsd	0.05
614358	10"	Bastrsd	0.11
614359	12"	Bastrsd	0.20
614363	6"	Second cut	0.03
614364	8"	Second cut	0.05
614365	10"	Second cut	0.11
614366	12"	Second cut	0.20
614370	6"	Smooth	0.03
614371	8"	Smooth	0.05
614372	10"	Smooth	0.11
614373	12"	Smooth	0.20



Square Files-Double Cut

T12



IMPA CODE	Size (in)	Tooth Form	Weight (kg)
614384	6"	Bastrsd	0.03
614385	8"	Bastrsd	0.07
614386	10"	Bastrsd	0.14
614387	12"	Bastrsd	0.25
614391	6"	Second cut	0.03
614392	8"	Second cut	0.07
614393	10"	Second cut	0.14
614394	12"	Second cut	0.25
614401	6"	Smooth	0.03
614402	8"	Smooth	0.07
614403	10"	Smooth	0.14
614404	12"	Smooth	0.25



Triangle Files-Double Cut

T12



IMPA CODE	Size (in)	Tooth Form	Weight (kg)
614415	6"	Bastrsd	0.06
614416	8"	Bastrsd	0.10
614417	10"	Bastrsd	0.20
614418	12"	Bastrsd	0.33
614422	6"	Second cut	0.06
614423	8"	Second cut	0.10
614424	10"	Second cut	0.20
614425	12"	Second cut	0.33
614429	6"	Smooth	0.06
614430	8"	Smooth	0.10
614431	10"	Smooth	0.20
614432	12"	Smooth	0.33



Needle Files Sets



IMPA CODE	Length (mm)
614531	180*5



Hand Grinders



IMPA CODE	Wheel Size (mm)
614601	125*125
614602	150*145



Grind Wheel Dressers



IMPA CODE	Litem
614606	Dresser Grind Wheel
614607	Wheel Extra for Grinding Dresser50s



Disc Sanding Paper



IMPA CODE	Diam 100mm	Grit
614611		40
614612		60
614613		80
614614		100
614615		120
614616		150
614617		180
614618		240
614619		320
614620		400
614621		600
614622		800
614623		1000
614624		1500
614625		2000
	Diam 125mm	
614626		40
614627		60
614628		80
614629		100
614630		120
614631		150
614632		180
614633		240
614634		320
614635		400
614636		600
614637		800
614638		1000
614639		1500
614640		2000
	Diam 150mm	
614641		40
614642		60
614643		80
614644		100
614645		120
614646		150
614647		180
614648		240
614649		320
614650		400
614651		600
614652		800
614653		1000
614654		1500
614655		2000
	Diam 180mm	
614656		40
614657		60
614658		80
614659		100
614660		120
614661		150
614662		180
614663		240
614664		320
614665		400
614666		600
614667		800
614668		1000
614669		1500
614670		2000



Carborundum Oil Stones



IMPA CODE	Size (mm)
614785	100*25*10
614786	130*38*20
614787	200*50*20
614788	200*50*25



Resinoid Offset Grinding Wheels



IMPA CODE	Outer Diam (mm)	Thickness (mm)	Hole Diam (mm)
614801	100	3	16
614803		6	
614806	125	6	22
614808	150	6	22
614811	180	6	22
614815	230	8	22
614816		6	



Silicon Paper Abrasive Watherproof



IMPA CODE	Grit
614766	80
614767	100
614768	120
614769	150
614770	180
614771	220
614772	240
614773	280
614774	320
614775	360
614776	400
614777	500
614778	600
614779	700
614780	800



Link Chain Hand-lever Hoists



IMPA CODE	Capacity tons	Standard Chain mtr	Min Distance Between Hooks (mm)	Weight (kg)
615001	3/4	1.5	303	7
615002	3/2	1.5	365	11
615003	3	1.5	485	20
615004	6	1.5	600	30



Spur-Gear Chain Hoists



IMPA CODE	Capacity in Tons	Minimum Distance Between Hooks (mm)	Required Hand Powder	Weight (kg)
615006	1/2	270	231	11.25
615007	1	317	309	11.50
615008	1-1/2	399	320	17.40
615009	2	414	360	22.20
615010	3	465	340	26.20
615011	5	636	414	37.70
615012	10	798	414	72.00
615014	20	809	828	160.0



Non-Spark Chain Hoists(Beryllium Copper Alloy)



IMPA CODE	Capacity in Tons	Weight (kg)
615021	1/2	10.20
615022	1	13.60
615023	2	22.00
615024	3	23.60
615025	5	36.00



Trolleys



Plain Trolley		
IMPA CODE	Capacity ton	Fit Beam Size (mm)
		Width Min
615032	1	68-100
615033	2	94-124
615034	3	100-140
615035	5	124-180



Gear & Wheel Pullers(2-Arm)

CR-V



IMPA CODE	Maximum Spread (mm)	Scope (mm)	Opening Capacity	Weight (kg)
615050	75	44	80	0.44
615051	100	60	125	0.75
615052	150	105	155	1.71
615053	200	180	215	4.00
615054	250	215	190	4.33
615055	300	205	280	9.00



Gear & Wheel Pullers 3-arm

CR-V



IMPA CODE	Maximum Spread (mm)	Scope (mm)	Opening Capacity	Weight (kg)
615070	150	95	170	2.5
615071	200	190	225	5.67
615072	300	215	265	12.5
615073	400	275	330	13.75
615074	500	265	505	18.50



Hydraulic Pump for Bearing Puller



IMPA CODE	Capacity Tons	Max. Stroke (mm)	Max. Spread (mm)	Weight (kg)
615085	10	60	250	11
615086	20	70	350	19
615087	50	60	500	45



Hydraulic Pumps For Bearing Puller



IMPA CODE	Capacity up to	Max required pressure
615095	1000/700	700kgf/cm2
615097	3200/2700	



Portable Hydraulic Jacks



IMPA CODE	(T)
615111	2
615112	3
615113	5
615114	8
615115	10
615116	16



Ratchet Type Journal Jacks



IMPA CODE	Capacity tons	Height		Weight (g)
		Closed	Extended	
615120	3.2	520	930	2105
615122	5	550	1100	2500
615123	10	600	1180	2800
615124	16	620	1200	3200
615125	20	650	1270	3250
615127	25	650	1270	2750
615129	32	750	1450	3900
615130	50	970	1850	4520
615132	100	1280	2330	4520



Hydraulic Jacks



IMPA CODE	(T)	(MM)
615136	10	150
615138	20	150
615140	30	150
615141	50	100
615142	50	150



Hydraulic Pump For Hydraulic Jack



IMPA CODE	(ML)
615157	1000/700
615158	3200/2700
615159	1000/700
615160	600/350



Pipe Cleaners (Plumber's Snake Wire Pipe Cleaners)



IMPA CODE	Size (m)
615201	5



Hand Riveter Tools



IMPA CODE	Size	Capacity rivet diam (mm)
615230	9.5"	2,4,3,2,4,0,4,8



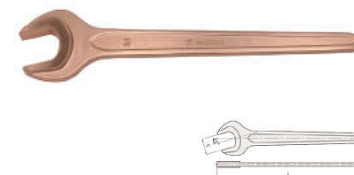
Non-Spark Single Open End Wrenches (Special Aluminum Bronze)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615401	8	95	0.035
615402	10	100	0.045
615403	12	110	0.060
615404	14	140	0.085
615405	17	160	0.095
615406	21	195	0.147
615407	23	220	0.165
615408	26	240	0.255
615409	29	260	0.285
615410	32	275	0.365
615411	35	310	0.475
615412	38	345	0.550
615413	41	345	0.555
615414	46	375	0.860
615415	50	410	0.950
615416	54	450	1.190
615417	58	490	1.690
615418	63	530	1.980



Non-Spark Single Open End Wrenches (Beryllium Copper Alloy)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615421	10	100	0.050
615422	12	110	0.065
615423	14	140	0.095
615424	17	160	0.105
615425	19	170	0.130
615426	21	195	0.165
615427	23	220	0.185
615428	26	240	0.280
615429	29	260	0.315
615430	32	275	0.400
615431	35	310	0.525
615432	38	345	0.610
615433	41	345	0.615
615434	46	375	0.950
615435	50	410	1.080
615436	58	490	1.940
615437	67	530	2.230



Aluminium Bronze Non-sparking Tools

Item No. begins with "AL"



● Non-sparking Properties:

1. Appropriate for operation with ethylene concentration 7.8%.
2. Standard code GBEx II C, Hardness HRC20-30, tensile strength σ_b 75-85kgf/mm²;
3. Adopt 4.0 die forging technology, Germany DIN standard, high density, good toughness and long lifetime.

● Application Scope:

Appropriate for all kinds of flammable and explosive environments such as Oil Refinery, Petrochemical Industry, Coal Mine, Oil Field, Natural Gas Chemical Industry, Gunpowder Industry, Chemical-fiber Industry, Paint Industry, Fertilizer Industry, Pharmaceutical Industry, etc. It can efficiently avoid spark arising and explosion while striking, friction and hammering.



Beryllium Copper Non-sparking Tools

Item No. begins with "BE"



● Non-sparking Properties:

1. Appropriate for operation with hydrogen concentration below 21%.
2. Standard code GBEx II C, Hardness HRC30-40, tensile strength σ_b 105-120kgf/mm²;
3. Adopt 4.0 die forging technology, Germany DIN standard, high density, high toughness, long lifetime and anti-magnetic.

● Application Scope:

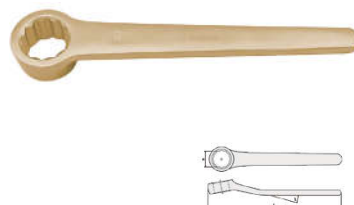
Appropriate for all kinds of flammable and explosive environments such as Oil Refinery, Petrochemical Industry, Coal Mine, Oil Field, Natural Gas Chemical Industry, Gunpowder Industry, Chemical-fiber Industry, Paint Industry, Fertilizer Industry, Pharmaceutical Industry, etc. they will not cause any spark when they strike, rub or fall down.

Non-Spark Double Open End Wrenches
(Special Aluminum Bronze)



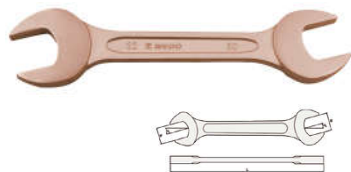
IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615441	8*9	100	0.031
615442	10*12	120	0.055
615443	12*14	130	0.069
615444	14*17	150	0.110
615445	17*19	170	0.135
615446	17*21	173	0.165
615447	19*21	182	0.190
615448	21*23	200	0.235
615449	21*26	205	0.245
615450	23*26	220	0.302
615451	26*32	243	0.420
615452	32*35	300	0.795
615453	35*41	330	1.200
615454	41*46	355	1.530
615455	41*50	370	1.800

Non-Spark 12 Point Single End Offset Wrenches
(Special Aluminum Bronze)



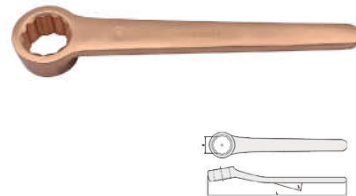
IMPA CODE	Size (mm)
615480	17
615481	21
615482	26
615483	32
615484	35
615485	41
615486	46
615487	50

Non-Spark Double Open End Wrenches
(Beryllium Copper Alloy)



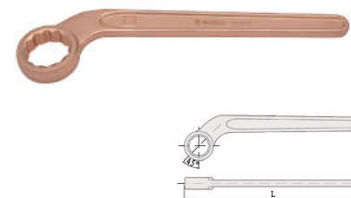
IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615460	8*10	100	0.034
615461	9*10	110	0.048
615462	10*12	120	0.060
615463	12*14	130	0.075
615464	14*17	150	0.120
615465	17*19	170	0.150
615466	17*21	173	0.185
615467	19*21	182	0.210
615468	21*23	200	0.270
615469	21*26	205	0.275
615470	23*26	220	0.330
615471	26*29	243	0.460
615472	26*32	243	0.465
615473	29*32	265	0.610
615474	32*35	300	0.875
615475	35*41	330	1.340
615476	41*46	355	1.690

Non Spark Wrenches, Single Box Offset
Beryllium Copper



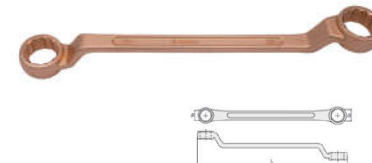
IMPA CODE	Size (mm)
615490	17
615491	19
615492	21
615493	23
615494	26
615495	32
615496	35
615497	41
615498	46
615499	50

Non-Spark 12 Point Single End Angle Wrenches
(Beryllium Copper Alloy)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615501	17	174	0.145
615502	19	207	0.190
615503	21	207	0.175
615504	23	250	0.290
615505	26	250	0.270
615506	32	295	0.410
615507	35	307	0.575
615508	41	340	0.720
615509	46	370	1.100
615510	50	400	1.255

Non-Spark 12 Point Double End Wrenches
(Beryllium Copper Alloy)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615526	12*14	160	0.151
615527	14*17	220	0.180
615528	17*19	250	0.205
615529	17*21	250	0.260
615530	19*21	280	0.275
615531	21*26	320	0.410
615532	23*26	340	0.465
615533	26*32	370	0.570
615534	32*35	405	1.020

Non-Spark 12 Point Double End Wrenches
(Special Aluminum Bronze)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615513	10*12	140	0.078
615514	10*13	160	0.105
615515	12*14	160	0.140
615516	14*17	220	0.180
615517	17*19	250	0.205
615518	17*21	250	0.260
615519	19*21	280	0.275
615520	21*26	320	0.410
615521	26*32	370	0.570
615522	32*35	405	1.025
615523	35*41	445	1.460

Non-Spark Combination Open & Spud Wrenches
(Special Aluminum Bronze)



IMPA CODE	Size (mm)
615536	17
615537	21
615538	26
615539	32
615540	35
615541	41

WE THE CRAFTSMEN DO SAFETY FIRST



Non-Spark Combination Open & Spud Wrenches
(Beryllium Copper Alloy)



IMPA CODE	Size (mm)
615544	17
615545	21
615546	26
615547	32
615548	35
615549	41



Non-Spark Combination Ring & Spud Wrenches
(Beryllium Copper Alloy)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615558	17	310	0.20
615559	21	350	0.32
615560	26	400	0.49
615561	32	430	0.66
615562	35	460	0.89
615563	41	490	1.09



Non-Spark Combination Ring & Spud Wrenches
(Special Aluminum Bronze)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615551	17	310	0.180
615552	21	350	0.285
615553	26	400	0.445
615554	32	430	0.600
615555	35	460	0.790
615556	41	490	0.980



Non-Spark T-Type 12-Point Box Wrenches
(Special Aluminum Bronze)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615566	19	180	0.48
615567	24	200	0.86
615568	30	200	1.21
615569	36	200	1.80



TO BE SAFE



Non-Spark T-Type 12-Point Box Wrenches
(Beryllium Copper Alloy)



IMPA CODE	Size (mm)
615571	17
615572	19
615573	24
615574	26
615575	30



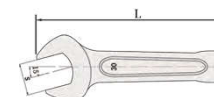
Non-spark Striking 12point Ring Wrenches



Special Aluminum Bronze		Beryllium Copper Alloy	
IMPA CODE	Opening (mm)	IMPA CODE	Opening (mm)
615591	32	615602	27
615593	41	615603	30
615594	46	615604	32
615595	50	615606	36
		615607	41
		615608	46
		615609	50
		615610	55



Non-Spark Striking Single Open End Wrenches
(Beryllium Copper Alloy)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615580	30	190	0.39
615581	32	190	0.46
615582	35	210	0.72
615583	36	210	0.73
615584	41	230	0.86
615585	46	230	1.10



Non-Spark Concrete Chisels(Special Aluminum Bronze)



Special Aluminum Bronze	
IMPA CODE	For Hose Size
615612	40
615613	65

Non-Spark Adjustable Wrenches
(Beryllium Copper Alloy)



IMPA CODE	Size (mm)	Weight (kg)
615622	18*150	0.135
615623	24*200	0.281
615624	30*250	0.440
615625	36*300	0.720
615626	46*375	1.410

Non-Spark Ratchet Wrenches for Sochet
(Special Aluminum Bronze)



IMPA CODE	Size (mm)
615630	17
615631	26
615632	32
615633	35
615634	41
615635	50
615636	58
615637	63

Non-Spark Straight Pipe Wrenches
(Beryllium Copper Alloy)



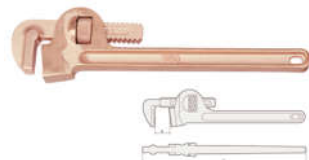
IMPA CODE	Size (mm)
615640	17
615641	19
615642	21
615643	22
615644	24
615645	26
615646	27
615647	30
615648	32
615649	35
615650	36

Non-Spark Straight Pipe Wrenches
(Special Aluminum Bronze)



IMPA CODE	Size (mm)	Weight (kg)
615651	25*200	0.345
615652	30*250	0.50
615653	40*300	0.68
615654	50*350	1.00
615655	60*450	1.625
615656	75*600	2.96
615657	125*900	5.19

Non-Spark Straight Pipe Wrenches
(Beryllium Copper Alloy)



IMPA CODE	Size (mm)	Weight (kg)
615659	25*200	0.38
615660	30*250	0.58
615661	40*300	0.75
615662	50*350	1.1
615663	60*450	1.785
615664	75*600	3.255
615665	125*900	6.035

Non-Spark Hexagon Allen Wrenches
(Beryllium Copper Alloy)



IMPA CODE	Size (inch)	L (mm)	H	Weight(kg)
615690	2.5	38	13	0.008
615691	3	59	25	0.008
615692	4	65	30	0.01
615693	5	79	32	0.016
615694	6	85	37	0.025
615695	8	92	44	0.05
615696	10	110	45	0.082

Non-Spark Socket Wrench Sets
(Special Aluminum Bronze)



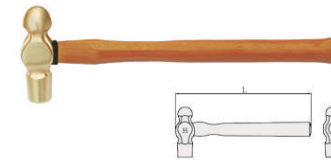
IMPA CODE	Size (mm)
615671	10,11,12,14,17,19,22,24,27,30,32

Non-Spark Socket Wrench Sets
(Beryllium Copper Alloy)



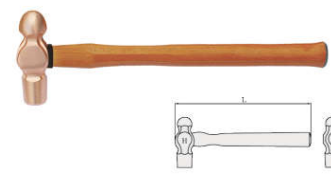
IMPA CODE	Size (mm)
615672	8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,26,27,28,30,32,13/16",125mm,250mm

Non-Spark Ball Pein Hammers
(Special Aluminum Bronze)



IMPA CODE	Head Weight (g)	L (mm)	Weight(kg)
615701	230	300	0.32
615702	230	300	0.32
615703	340	300	0.43
615704	450	325	0.56
615705	680	365	0.91
615706	910	365	1.02
615707	1130	400	1.39

Non-Spark Ball Pein Hammers
(Beryllium Copper Alloy)



IMPA CODE	Head Weight (g)	L (mm)	Weight(kg)
615710	230	300	0.32
615711	230	300	0.32
615712	340	300	0.43
615713	450	325	0.56
615714	680	365	0.91
615715	910	365	1.02
615716	1130	400	1.39

Non-Spark Testing Hammers
(Special Aluminum Bronze)



IMPA CODE	Head Weight (g)	L (mm)	Weight(kg)
615720	150	280	0.206
615722	250	280	0.345

Non-Spark Testing Hammers
(Beryllium Copper Alloy)



IMPA CODE	Head Weight (g)	L (mm)	Weight(kg)
615725	150	280	0.206
615727	250	280	0.345

Non-Spark Double Face Hammers
(Special Aluminum Bronze)



IMPA CODE	Head Weight (g)	L (mm)	Weight(kg)
615730	1400	400	1.4
615731	1800	400	1.8
615732	2200	400	2.2
615733	2700	700	2.7
615734	3600	700	3.6
615735	4500	900	4.5
615736	5400	900	5.4
615737	6400	900	6.4
615738	9100	900	9.1

Non-Spark Double Face Hammers
(Beryllium Copper Alloy)



IMPA CODE	Head Weight (g)	L (mm)	Weight(kg)
615740	1400	400	1.4
615741	1800	400	1.8
615742	2200	400	2.2
615743	2700	700	2.7
615744	3600	700	3.6
615745	4500	900	4.5
615746	5400	900	5.4
615747	6400	900	6.4

Non-Spark Chipping Hammers
(Special Aluminum Bronze)



IMPA CODE	Head Weight (g)	L (mm)	Weight(kg)
615751	150	280	0.205
615752	300	280	0.453

Non-Spark Chipping Hammers
(Beryllium Copper Alloy)



IMPA CODE	Head Weight (g)	L (mm)	Weight(kg)
615755	150	280	0.205
615756	300	280	0.370

Non-Spark Claw Hammer(Special Aluminum Bronze)



IMPA CODE	Head Weight (g)	L (mm)	Weight(kg)
615770	450	300	0.652

Non-Spark Claw Hammers(Beryllium Copper Alloy)



IMPA CODE	Head Weight (g)	L (mm)	Weight(kg)
615775	450	300	0.625
615776	680	330	0.953

Non-Spark Cold Chisels(Special Aluminum Bronze)



IMPA CODE	Size (g)	L (mm)	Weight(kg)
615807	25'300	300	1.002



Non-Spark Cold Chisels(Beryllium Copper Alloy)



IMPA CODE	Size (g)	L (mm)	Weight(kg)
615809	20*200	200	0.473



Non-Spark Cold Chisels(Special Aluminum Bronze)



IMPA CODE	Size (mm)
615801	10*150
615802	15*150
615803	17*180
615804	21*200
615805	23*200
615806	25*215



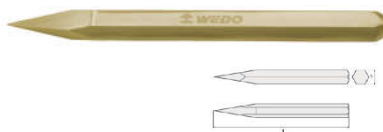
Non-Spark Cold Chisels(Beryllium Copper Alloy)



IMPA CODE	Size (mm)
615810	27*200
615811	27*250
615812	27*300



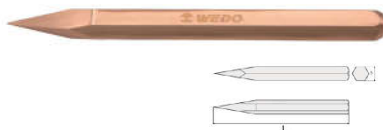
Non-Spark Concrete Chisels(Special Aluminum Bronze)



IMPA CODE	Size (mm)
615814	20*200
615815	20*250
615816	25*250



Non-Spark Concrete Chisels(Beryllium Copper Alloy)



IMPA CODE	Size (mm)
615818	20*200
615819	25*200
615820	25*250
615821	30*300



Non-Spark Caulking Chisels(Straight,Special Aluminum Bronze)



IMPA CODE	Size (mm)
615824	25*150
615825	25*170
615826	25*200



Non-Spark Caulking Chisels(Bent,Beryllium Copper Alloy)



IMPA CODE	Size (mm)
615827	17*170
615828	17*200



Non-Spark Caulking Chisels With Handle (Beryllium Copper Alloy)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615840	40*200	200	0.1



Non-Spark Caulking Chisels With Handle (Beryllium Copper Alloy)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615841	75*200	200	0.1



Non-Spark Deck Scrapers(Special Aluminum Bronze)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615843	50*902	902	0.63



Non-Spark Deck Scrapers(Beryllium Copper Alloy)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615844	50*902	902	0.68



Non-Spark Angle Scrapers(Special Aluminum Bronze)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615846	200*300	440	0.38



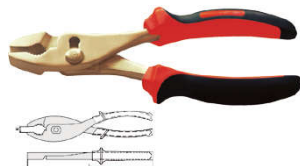
Non-Spark Angle Scrapers(Beryllium Copper Alloy)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615848	20*300	440	0.42



Non-Spark Combination Pliers Slip Joint
(Special Aluminum Bronze)



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
615861	6"	150	0.195
615862	8"	200	0.350



Non-Spark Combination Pliers Slip Joint
(Beryllium Copper Alloy)



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
615863	6"	150	0.213
615864	8"	200	0.38



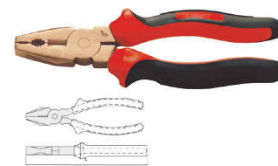
Pipe Wrenches(Straight Heavy Duty)



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
615867	6"	150	0.165
615868	10"	200	0.5



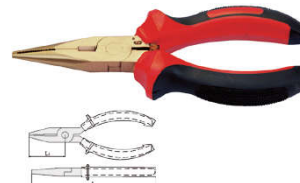
Non-Spark Side Cutting Pliers
(Beryllium Copper Alloy)



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
615870	6"	150	0.180
615871	7"	175	0.355
615872	8"	465	0.465



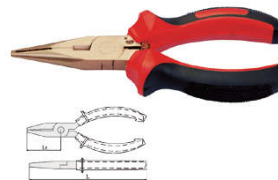
Non-Spark Diagonal Cutting Pliers
(Special Aluminum Bronze)



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
615875	6"	150	0.17



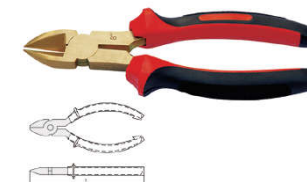
Non-Spark Radio Pliers (Beryllium Copper Alloy)



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
615876	6"	150	0.19



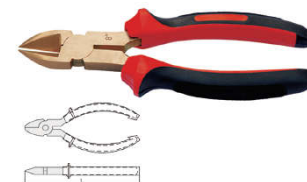
Non-Spark Diagonal Cutting Pliers
(Special Aluminum Bronze)



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
615880	6"	150	0.225



Non-Spark Diagonal Cutting Pliers
(Beryllium Copper Alloy)



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
615881	6"	150	0.25



Non-Spark Water Pump Pliers
(Special Aluminum Bronze)



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
615885	10"	250	0.31

Non-Spark Water Pump Pliers
(Beryllium Copper Alloy)



IMPA CODE	Size (inch)	L (mm)	Weight(kg)
615886	10"	250	0.33

Non-Spark Slotted Screwdrivers, Plastic Handle
(Special Aluminum Bronze)



IMPA CODE	L1 (in)	L (mm)	H	Weight (kg)
615901	2	134	1	0.04
615902	3	180	1	0.065
615903	4	215	1.1	0.08
615904	5	240	1.1	0.095
615905	6	277	1.2	0.135
616906	8	327	1.2	0.155
615907	10	377	1.4	0.19
615908	12	427	1.6	0.23

Non-Spark Slotted Screwdrivers, Plastic Handle
(Beryllium Copper Alloy)



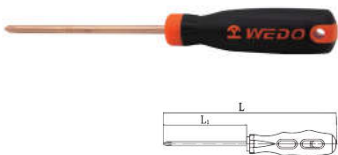
IMPA CODE	L1 (in)	L (mm)	H	Weight (kg)
615910	2	134	1	0.043
615912	4	215	1.1	0.085
615913	5	240	1.1	0.1
615914	6	277	1.2	0.165
615915	10	377	1.4	0.2
615916	12	427	1.6	0.245

Non-Spark Screwdrivers, Phillips, Plastic Handle
(Special Aluminum Bronze)



IMPA CODE	Size	L1 (mm)	L1(in)	L(mm)	Φ(mm)	Weight (kg)
615920	1	75	3	159	4	0.063
615921	1	100	4	205	5	0.07
615922	2	150	6	265	6	0.105
615923	3	200	8	327	8	0.155

Non-Spark Screwdrivers, Phillips, Plastic Handle
(Beryllium Copper Alloy)



IMPA CODE	Size	L1 (mm)	L1(in)	L(mm)	Φ(mm)	Weight (kg)
615925	1	75	3	159	4	0.07
615926	1	100	4	205	5	0.075
615927	2	150	6	265	6	0.11
615928	3	200	8	327	8	0.165

Non-Spark Drum Opening Spanners
(Special Aluminum Bronze)



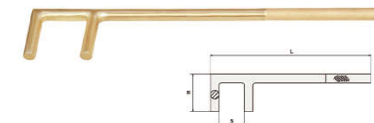
IMPA CODE	L (mm)	C (mm)	K1 (mm)	k2 (mm)	Weight (kg)
615936	520	19	40	73	1.1

Non-Spark Drum Opening Spanners
(Beryllium Copper Alloy)



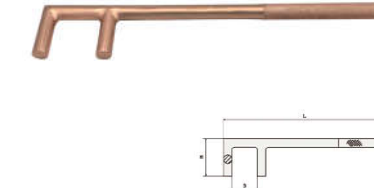
IMPA CODE	L (mm)	C (mm)	K1 (mm)	k2 (mm)	Weight (kg)
615937	520	19	40	73	1.12

Non-Spark Value Wheel Wrenches F Type
(Special Aluminum Bronze)



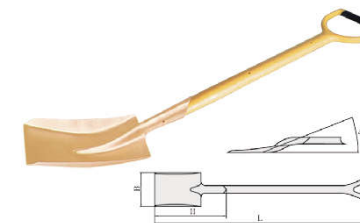
IMPA CODE	Size S*L (mm)
615940	30*300
615941	40*500
615942	50*700
615943	60*1000

Non-Spark Value Wheel Wrenches F Type
(Beryllium Copper Alloy)



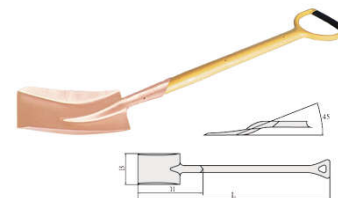
IMPA CODE	Size S*L (mm)
615945	30*250
615946	50*300
615947	65*500

Non-Spark Square Shovels (Special Aluminum Bronze)



IMPA CODE	Size S*L (mm)	Weight (kg)
615951	340*175*940	1.29
615952	418*240*990	1.65

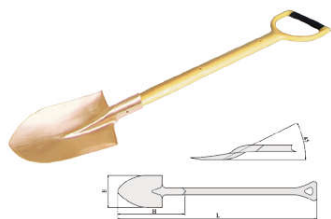
Non-Spark Square Shovels (Beryllium Copper Alloy)



IMPA CODE	Size S*L (mm)	Weight (kg)
615954	340*175*940	1.41
615955	418*240*990	1.80



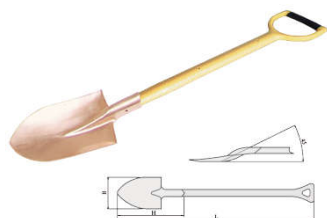
Non-spark Round Shovels (Special Aluminum Bronze)



IMPA CODE	Size S*L (mm)	Weight (kg)
615958	420*240*990	1.42



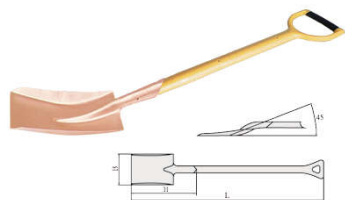
Non-spark Round Shovels (Beryllium Copper Alloy)



IMPA CODE	Size S*L (mm)	Weight (kg)
615959	420*240*990	1.56



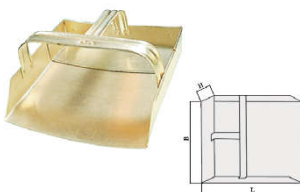
Non-spark Fibreglass Square Shovels



IMPA CODE	Contents
615961	shovel,square,fibreglass, non-spark290x445mm overall length 1040mm



Non-spark Dust Pan



IMPA CODE	Size S*L (mm)
615966	150*130



Non-spark Dust Pan



IMPA CODE	Size S*L (mm)
615967	200*200



Non-spark Putty Knives (Special Aluminum Bronze)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615970	75*200	200	0.17



Non-spark Putty Knives (Beryllium Copper Alloy)



IMPA CODE	Size (mm)
615971	40*200
615972	75*200



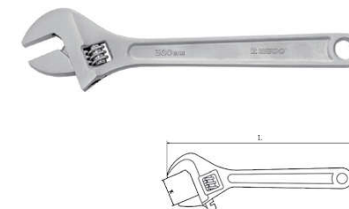
Non-spark Heavy Duty Knives (Beryllium Copper Alloy)



IMPA CODE	Size (mm)	L (mm)	Weight(kg)
615975	145*250	250	0.1



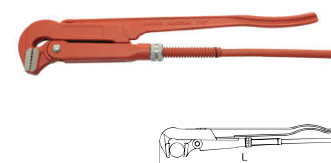
Adjustable Wrenches



IMPA CODE	Size (mm)	Ocerall Length (mm)
616101	100	108
616102	150	158
616103	200	208
616104	250	258
616105	300	308
616106	375	385
616107	450	462
616108	600	612
616109	750	750



Universal Pipe Wrench

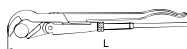


IMPA CODE	Size (inch)	L (mm)	K _{max} (mm)
616111	1"	320	40
616112	1.5"	425	55
616113	2"	560	67
616114	3"	630	103
616115	4"	735	21



Corner Pipe Wrench

45° CRW



IMPA CODE	Size (inch)	L (mm)	Kmax (mm)
616120	1"	330	40
616121	2"	535	67
616122	3"	652	103



Open & 12 Point Box Wrenches (PU Type)

CR-V



IMPA CODE	Opening (mm)	Overall Length (mm)
616129	6	127.5
616130	7	128
616131	8	142
616132	9	151
616133	10	161
616134	11	168
616135	12	172
616136	13	180
616137	14	192
616138	15	200
616139	16	210
616140	17	226
616141	18	238
616142	19	250
616143	20	262
616144	21	275
616145	22	295
616146	23	305
616147	24	315
616148	25	325
616149	26	325
616150	27	337
616151	28	333
616152	29	350
616153	30	355
616154	32	376
616155	36	360



Stainless Steel Single Open End Wrenches



IMPA CODE	Opening (mm)	Length (mm)
616001	8	95
616002	10	100
616003	12	110
616004	13	140
616005	14	140
616006	17	160
616007	19	170
616008	22	195
616009	24	220
616010	27	240
616011	30	260
616012	32	275
616013	34	290
616014	36	310
616015	41	345
616016	46	375
616017	50	410
616018	55	450
616019	60	490
616020	65	530
616021	70	570
616022	75	610



S.Steel 12 Point Single End offset Wrenches



IMPA CODE	Opening (mm)	Length (mm)
616055	22	190
616056	24	215
616057	27	230
616058	30	255
616059	32	265
616060	36	295
616061	41	330
616062	46	365
616063	50	400
616064	55	445



Stainless Steel Double Open End Wrenches



IMPA CODE	Opening (mm)	Length (mm)
616025	5.5*7	90
616026	6*7	92
616027	8*10	100
616028	10*11	115
616029	10*12	120
616030	12*13	128
616031	12*14	130
616032	14*17	150
616033	17*19	170
616034	19*21	173
616035	19*21	182
616036	19*22	185
616037	19*24	190
616038	20*22	195
616039	21*23	200
616040	21*26	205
616041	22*24	210
616042	23*26	220
616043	24*27	230
616044	24*30	233
616045	26*32	243
616046	27*30	250
616047	30*32	265
616048	30*36	270
616049	32*36	300
616050	34*36	300
616051	36*38	330
616052	36*41	330
616053	38*40	330
616054	41*46	360



S.Steel 12 Point Single End Angle Wrenches



IMPA CODE	Opening (mm)	Length (mm)
616065	10	119
616066	13	151
616067	14	151
616068	17	174
616069	19	207
616070	22	207
616071	24	250
616072	27	250
616073	30	295
616074	32	295
616075	34	307
616076	36	307
616077	38	340
616078	41	340
616079	46	370
616080	50	400
616081	55	430



S.Steel Striking 12 Point Ring Wrenches



IMPA CODE	Opening (mm)	Length (mm)
616085	24	165
616086	27	175
616087	30	185
616088	32	185
616089	34	200
616090	36	205
616091	38	215
616092	41	225
616093	46	235
616094	50	250
616095	55	265
616096	60	274
616097	65	298
616098	70	320



S.Steel Open & 12 Point Box Wrenches



IMPA CODE	Opening (mm)	Overall Length (mm)
616401	8	120
616402	9	135
616403	10	135
616404	11	150
616405	12	150
616406	13	175
616407	14	175
616408	17	195
616409	19	215
616410	20	215
616411	21	245
616412	22	245
616413	23	265
616414	24	265
616415	26	290
616416	27	290
616417	30	320
616418	32	340
616419	34	360
616420	36	360
616421	38	430
616422	41	430
616423	46	480
616424	50	520
616425	55	560
616426	60	595
616427	65	595
616428	70	630



S.Steel 12 Point Double End Wrenches



IMPA CODE	Opening (mm)	Opening Length (mm)
616431	5.5*7	115
616432	6*7	115
616433	8*10	130
616434	10*11	140
616435	10*12	140
616436	12*13	160
616437	12*14	160
616438	14*17	220
616439	17*19	250
616440	17*22	250
616441	19*22	280
616442	19*24	310
616443	21*23	285
616444	21*26	320
616445	22*24	310
616446	24*27	340
616447	24*30	350
614448	26*32	370
614449	27*30	360
614450	30*32	380
614451	30*36	395
614452	32*36	405
614453	34*36	420
614454	36*41	445



S.Steel Combination Ring & Spud



IMPA CODE	Opening (mm)	Length (mm)
616455	14	270
616456	17	310
616457	19	330
616458	22	350
616459	24	370
616460	27	400
616461	30	430
616462	32	430
616463	36	460
616464	41	490
616465	46	520



S.Steel Adjustable Wrenches



IMPA CODE	Length (mm)	Max Jaw Opening (mm)
616466	100	13
616467	150	18
616468	200	24
616469	250	30
616470	300	36
616471	375	46
616472	450	55
616473	600	65



S.Steel Straight Pipe Wrenches



IMPA CODE	Length (mm)	Max Jaw Opening (mm)
616475	200	25
616476	250	30
616477	300	40
616478	350	50
616479	450	60
616480	600	75
616481	900	125
616482	1200	150



S.Steel Hook Spanner Wrenches



IMPA CODE	Circle Diam (mm)	Overall Length (mm)
616485	34 to 36	170
616486	40 to 42	176
616487	45 to 50	209
616488	52 to 55	212
616489	58 to 62	244
616490	68 to 75	250
616491	80 to 90	284
616492	95 to 100	288
616493	110 to 115	337



S.Steel Allen Hexagon Wrenches



IMPA CODE	Across Flat (mm)	L (mm)	H(mm)
616801	1.5	59	25
616802	2	59	25
616803	2.5	59	25
616804	3	59	25
616805	4	65	30
616806	5	79	32
616807	6	85	37
616808	7	88	43
616809	8	92	44
616810	9	97	44
616811	10	110	45
616812	11	119	48
616813	12	130	52
616814	13	140	54
616815	14	150	58
616816	15	156	60
616817	16	162	63
616818	17	168	65
616819	18	173	69
616820	19	177	72



Stainless Steel Side Cutting Pliers



IMPA CODE	Length (mm)	Weight (gm)
616821	150	180
616822	175	355
616823	200	465



Stainless Steel Combination Pliers, Slip Joint



IMPA CODE	Length (mm)	Max Slip Opening (mm)
616824	150	8
616825	200	13



Stainless Steel Diagonal Cutting Pliers



IMPA CODE	Length (mm)	Weight (gm)
616826	150	245
616827	200	410



Stainless Steel Long Nose Side Cutting Pliers
Plastic Cover Handle



IMPA CODE	Length (mm)	Weight (gm)
616828	150	245
616829	200	410



Stainless Steel Water Pump Pliers



IMPA CODE	Waer Pump Pliers, Stainless Steel Opening Max. 32 mm	Pr.
616830		



Stainless Steel Socket Wrenches



9.5mm (3/8") Drive 12 point

IMPA CODE	Opening (mm)	Overall Length (mm)
616831	5	28
616832	5.5	28
616833	6	28
616834	7	28
616835	8	28
616836	9	28
616837	10	32
616838	11	32
616839	12	32
616840	13	32
616841	14	32
616842	16	32
616843	17	32
616844	19	32

12.7mm (1/2") Drive 12 point

IMPA CODE	Opening (mm)	Overall Length (mm)
616845	6	40
616846	7	40
616847	8	40
616848	9	40
616849	10	40
616850	11	40
616851	12	40
616852	13	40
616853	14	40
616854	16	40
616855	17	40
616856	19	42
616857	20	42
616858	21	43
616859	22	43
616860	23	43
616861	24	43
616862	26	43
616863	27	46
616864	30	46
616865	32	46



Pliers Bacho



IMPA CODE	length (mm)	Bahco type no
616213	167	2628g-160
616214	187	2628g-180
616215	207	2628g-200



Round Nose Plier



IMPA CODE	Size (mm)
616221	152



Snipe Nose Plier(60°Offset)



IMPA CODE	Size (mm)
616227	150
616228	200



Side Cutting Nipper



IMPA CODE	Size (mm)
616231	150



Bulldog End Cut Nipper



IMPA CODE	Size (mm)
616236	150
616237	200



Bolt Cutter



IMPA CODE	Size (mm)
616251	450
616252	600
616253	750
616254	900
616255	1050



Cable Cutter



IMPA CODE	Size (mm)
616261	600



Round Blade Slot Head Screwdriver



IMPA CODE	Size (mm)
616301	6*38
616302	5*75
616303	5*100
616304	5*125
616305	6*125
616306	6*150



Round Blade Cross Head Screwdriver



IMPA CODE	Size (mm)
616310	PH0*75
616311	PH1*75
616312	PH2*100
616313	PH2*150
616314	PH3*200



Square Blade Slot Head Screwdriver



IMPA CODE	Size (mm)
616316	3*100
616317	5*150
616318	6*150
616319	6*200
616320	8*200



Ridgid tools
Adjustable Wrenches



IMPA CODE	No	length		Jaw Open	
		inch	mm	inch	mm
616501	704	4	100	1/2	10
616502	706	6	150	3/4	20
616503	708	8	200	7/8	25
616504	710	10	250	1-1/8	30
616505	712	12	300	1-5/16	35
616506	715	15	375	1-11/16	40
616508	718	18	450	2-1/16	50
616510	724	24	600	2-7/16	60



Adjustable Wrench (Black)



IMPA CODE	Size (mm)	Overall Length (mm)
616511	100	108
616512	150	150
616513	200	208
616514	250	258
616515	300	308
616516	375	385
616518	450	462



Aluminum Handle Straight Pipe Wrench

CrMo



IMPA CODE	Size (mm)	L (mm)	Opening Capacity (mm)	Weight(kg)
616542	250	275	40	0.50
616543	350	369	48	0.90
616544	450	465	60	1.42
616545	600	623	75.5	2.33
616546	900	900	102	4.15
616547	1200	1200	140	8.00



Straight Pipe Wrenches



IMPA CODE	Overall length in/mm	Jaw Opening in/mm
616530	6/150	3/4/20
616531	8/200	1/25
616532	10/250	1-1/2/40
616533	12/300	2/50
616534	14/350	2/50
616535	18/45	2-1/2/65
616536	24/600	3/80
616537	36/900	5/125
616538	48/1200	6/150
616539	60/1500	8/200



Wrench,Pipe

CrMo



IMPA CODE	Size (mm)	L (mm)	Opening Capacity (mm)	Weight(kg)
616551	200	200	26.75	0.40
616552	250	260	33.5	0.81
616553	300	300	42.5	1.28
616554	350	350	48	1.63
616555	450	450	60	2.66
616556	600	600	75.5	4.30
616557	900	900	102	9.50



Heavy-Duty Chain Wrenches



IMPA CODE	Size (mm)
616570	300
616571	375
616572	600



Strap Wrenches



IMPA CODE	Size (mm)
616576	300



Basin Wrenches



IMPA CODE	Shank Length
616590	10"
616591	10-17"
616592	10-17"



Pipe Cutters



IMPA CODE	No	Capacity	Weight lbs/kgs
616663	1-a	1/8-1-1/4	6-1/2/3
616664	2-a	1/8-2	7-1/4/3.2
616668	3-s	1-3	15/6.8
616669	4-s	2-4	18/8.2
616670	6-s	4-6	24/10.1
616672	42-a	3/4-2	7/3.1
616673	42-s	2-1/2-4	20/9.0



Midge Tubing Cutter



IMPA CODE	Size
616751	1/8-5/8(3-16)
616752	1/8-1-1/8(4-28)



Tubing Cutter



IMPA CODE	Size
616754	1/8-1-1/8"



Flaring Tools



IMPA CODE	Size
616773	1/8-3/4"
616775	1/2-1"
616776	3/16-3/4"
616777	1/2-1"
616778	4-16



Hickey Type Heavy Wall Conduit Benders



IMPA CODE	No	Capacity (mm)	Weight kgs
616798	b-1711	12,19	1.3
616799	b-1712	25,32	3.5



Tube Benders (Ridgid)



IMPA CODE	No	Tube diam o.d
616780	403	3/16
616781	404	1/4
616782	405	5/16
616783	406	3/8
616785	407	1/2
616786	406m	6m
616787	408m	8m
616788	410m	10m
616789	412m	12m



Lever Type Hand Grease Gun

CR-V



IMPA CODE	Size
617702	400cc
617703	600cc

WEDO 304 420

STAINLESS STEEL TOOLS



STAINLESS TOOLS

304

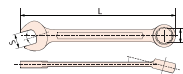
- * WEAK MAGNETIC
- * CORROSION RESISTANT
- * HIGH TEMPERATURE RESISTANCE OF 800°C
- * GOOD PROCESSABILITY, HIGH TOUGHNESS
- * FOOD GRADE

420

- * STRONG MAGNETIC
- * ACERTAIN DEGREE OF CORROSION RESISTANT
- * HIGH HARDNESS OF HRC40-45



Stainless Wrench, Combination

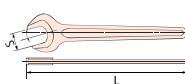


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Size mm	L mm	Weight g
ST8101-6	6	105	18
ST8101-7	7	120	40
ST8101-8	8	120	40
ST8101-9	9	135	45
ST8101-10	10	135	45
ST8101-11	11	150	65
ST8101-12	12	150	65
ST8101-13	13	175	90
ST8101-14	14	175	90
ST8101-15	15	195	140
ST8101-16	16	195	140
ST8101-17	17	195	140
ST8101-18	18	215	180
ST8101-19	19	215	180
ST8101-20	20	215	180
ST8101-21	21	245	280
ST8101-22	22	245	280
ST8101-23	23	265	320
ST8101-24	24	265	320
ST8101-25	25	265	320
ST8101-26	26	290	430
ST8101-27	27	290	430
ST8101-30	30	320	530
ST8101-32	32	340	780
ST8101-34	34	360	960
ST8101-36	36	360	960
ST8101-38	38	430	1300
ST8101-41	41	430	1300
ST8101-46	46	480	1760
ST8101-50	50	520	2020
ST8101-55	55	560	2000
ST8101-60	60	595	2920
ST8101-65	65	595	3440



Stainless Wrench, Single Open End

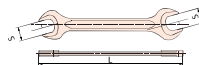


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	Weight g
ST8103-8	8	95	40
ST8103-10	10	105	50
ST8103-12	12	125	65
ST8103-14	14	140	95
ST8103-17	17	160	105
ST8103-19	19	170	130
ST8103-22	22	195	170
ST8103-24	24	220	190
ST8103-27	27	240	285
ST8103-30	30	260	320
ST8103-32	32	275	400
ST8103-34	34	290	455
ST8103-36	36	310	530
ST8103-41	41	345	615
ST8103-46	46	375	950



Stainless Wrench, Double Open End

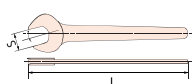


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Size mm	L mm	Weight g
ST8102-0607	6*7	92	25
ST8102-0709	7*9	96	28
ST8102-0810	8*10	100	34
ST8102-0911	9*11	110	50
ST8102-1012	10*12	120	60
ST8102-1214	12*14	130	75
ST8102-1417	14*17	150	120
ST8102-1719	17*19	170	150
ST8102-1922	19*22	185	220
ST8102-2224	22*24	210	312
ST8102-2427	24*27	230	345
ST8102-2528	25*28	236	365
ST8102-2730	27*30	250	485
ST8102-3032	30*32	265	610
ST8102-3234	32*34	270	815
ST8102-3236	32*36	300	885
ST8102-3436	34*36	300	885
ST8102-3638	36*38	330	1350
ST8102-3641	36*41	330	1350
ST8102-4146	41*46	360	1690



Stainless Wrench, Single Open End

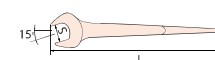


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	Weight g
ST8103A-8	8	95	40
ST8103A-10	10	105	50
ST8103A-12	12	125	65
ST8103A-14	14	140	95
ST8103A-17	17	160	105
ST8103A-19	19	170	130
ST8103A-22	22	195	170
ST8103A-24	24	220	210
ST8103A-27	27	240	300
ST8103A-30	30	260	380
ST8103A-32	32	260	450



Stainless Wrench, Construction With Pin

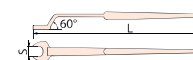


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	Weight g
ST8104A-17	17	320	210
ST8104A-19	19	350	320
ST8104A-22	22	350	430
ST8104A-24	24	370	480
ST8104A-27	27	370	640
ST8104A-30	30	400	800
ST8104A-32	32	400	800
ST8104A-36	36	430	950
ST8104A-41	41	470	1270
ST8104A-46	46	500	1600



Stainless Wrench, Construction Offset Type With Pin

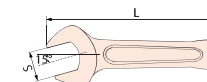


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	Weight g
ST8105-17	17	320	210
ST8105-19	19	350	320
ST8105-22	22	350	430
ST8105-24	24	370	480
ST8105-27	27	370	640
ST8105-30	30	400	800
ST8105-32	32	400	800
ST8105-36	36	430	950
ST8105-41	41	470	1270
ST8105-46	46	500	1600



Stainless Wrench, Striking Open

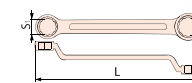
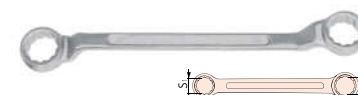


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	Weight g
ST8106-17	17	125	130
ST8106-19	19	125	150
ST8106-22	22	135	195
ST8106-24	24	150	245
ST8106-27	27	175	335
ST8106-30	30	190	435
ST8106-32	32	190	515
ST8106-36	36	210	800
ST8106-41	41	230	955
ST8106-46	46	250	1225
ST8106-50	50	275	1560
ST8106-55	55	305	1850
ST8106-60	60	315	2190
ST8106-65	65	335	3060



Stainless Wrench, Double Box Offset

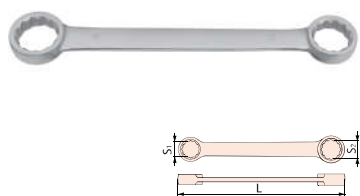


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Size mm	L mm	Weight g
ST8107-0507	5,5*7	115	22
ST8107-0607	6*7	115	25
ST8107-0709	7*9	130	40
ST8107-0810	8*10	130	45
ST8107-0911	9*11	140	55
ST8107-1011	10*11	140	65
ST8107-1012	10*12	140	65
ST8107-1213	12*13	160	80
ST8107-1214	12*14	160	80
ST8107-1417	14*17	220	205
ST8107-1618	16*18	220	220
ST8107-1719	17*19	250	225
ST8107-1722	17*22	250	290
ST8107-1819	18*19	250	295
ST8107-1922	19*22	280	270
ST8107-1924	19*24	310	310
ST8107-2123	21*23	285	285
ST8107-2126	21*26	320	410
ST8107-2224	22*24	310	310
ST8107-2427	24*27	340	400
ST8107-2430	24*30	350	450
ST8107-2528	25*28	350	550
ST8107-2632	26*32	370	600
ST8107-2730	27*30	360	520
ST8107-3032	30*32	380	630
ST8107-3036	30*36	405	1145
ST8107-3234	32*34	400	1080
ST8107-3236	32*36	405	1145
ST8107-3436	34*36	420	1165
ST8107-3641	36*41	445	1600



Stainless Wrench, Double Flat Box

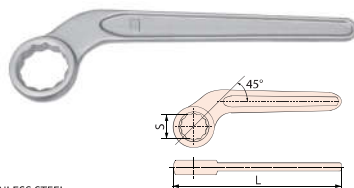


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S1*S2 mm	L mm	$\frac{W}{B}$
ST8108-0810	8*10	115	32
ST8108-0911	9*11	125	37
ST8108-1012	10*12	140	55
ST8108-1214	12*14	145	70
ST8108-1417	14*17	165	100
ST8108-1719	17*19	185	132
ST8108-1922	19*22	200	180
ST8108-2224	22*24	220	240
ST8108-2427	24*27	255	320
ST8108-2730	27*30	280	385
ST8108-3032	30*32	295	465
ST8108-3036	30*36	330	600
ST8108-3641	36*41	365	935



Stainless Wrench, Single Bent Box

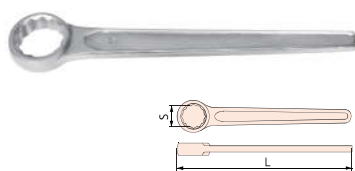


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	$\frac{W}{B}$
ST8110-10	10	119	45
ST8110-12	12	151	50
ST8110-14	14	151	60
ST8110-16	16	174	90
ST8110-17	17	174	90
ST8110-19	19	207	195
ST8110-22	22	207	180
ST8110-24	24	250	300
ST8110-27	27	250	270
ST8110-30	30	295	420
ST8110-32	32	295	420
ST8110-34	34	307	600
ST8110-36	36	307	600
ST8110-38	38	340	830
ST8110-41	41	340	810
ST8110-46	46	370	930
ST8110-50	50	400	1300
ST8110-55	55	430	1650
ST8110-60	60	450	2100
ST8110-65	65	470	2360



Stainless Wrench, Single Box

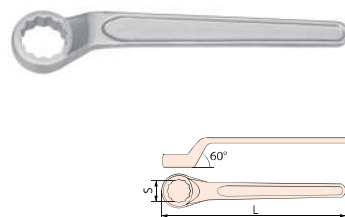


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	$\frac{W}{B}$
ST8109-8	8	110	40
ST8109-10	10	120	50
ST8109-12	12	130	65
ST8109-14	14	140	90
ST8109-17	17	155	105
ST8109-19	19	170	130
ST8109-22	22	190	175
ST8109-24	24	215	220
ST8109-27	27	230	270
ST8109-30	30	255	370
ST8109-32	32	265	425
ST8109-36	36	295	550
ST8109-41	41	330	825
ST8109-46	46	365	1120
ST8109-50	50	400	1270
ST8109-55	55	445	1590
ST8109-60	60	474	1850
ST8109-65	65	510	2060



Stainless Wrench, Single Box Offset

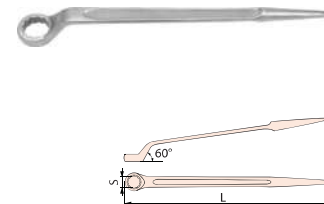


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	$\frac{W}{B}$
ST8111-22	22	190	185
ST8111-24	24	215	235
ST8111-27	27	230	270
ST8111-30	30	255	430
ST8111-32	32	265	450
ST8111-36	36	295	610
ST8111-41	41	330	855
ST8111-46	46	365	1000



Stainless Wrench, Construction

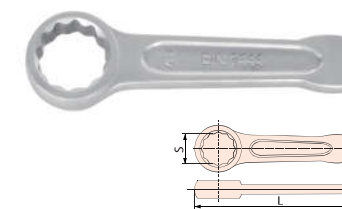


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	$\frac{W}{B}$
ST8112-14	14	270	145
ST8112-17	17	310	200
ST8112-19	19	330	250
ST8112-22	22	350	320
ST8112-24	24	370	400
ST8112-27	27	400	500
ST8112-30	30	430	730
ST8112-32	32	430	700
ST8112-36	36	460	900
ST8112-41	41	490	1090
ST8112-46	46	520	1560



Stainless Wrench, Striking Box

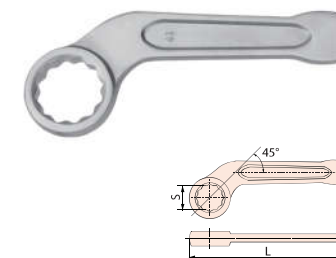


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	$\frac{W}{B}$
ST8113-17	17	145	210
ST8113-19	19	145	210
ST8113-22	22	155	235
ST8113-24	24	165	235
ST8113-27	27	175	350
ST8113-30	30	185	475
ST8113-32	32	185	490
ST8113-34	34	200	540
ST8113-36	36	205	580
ST8113-38	38	215	680
ST8113-41	41	225	755
ST8113-46	46	235	990
ST8113-50	50	250	1145
ST8113-55	55	265	1440
ST8113-60	60	274	1620
ST8113-65	65	298	1995
ST8113-70	70	320	2435
ST8113-75	75	326	3010
ST8113-80	80	350	3600



Stainless Wrench, Striking Box Bent



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	$\frac{W}{B}$
ST8114-24	24	160	280
ST8114-27	27	175	370
ST8114-30	30	190	525
ST8114-32	32	190	500
ST8114-36	36	210	630
ST8114-41	41	225	750
ST8114-46	46	240	1160
ST8114-50	50	255	1240
ST8114-55	55	270	1450
ST8114-60	60	285	1820
ST8114-65	65	300	2645
ST8114-70	70	320	2960



Stainless Wrench, Adjustable

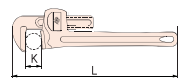


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	K mm	$\frac{W}{B}$
ST8115-1002	100	13	40
ST8115-1004	150	18	145
ST8115-1006	200	24	265
ST8115-1008	250	30	410
ST8115-1010	300	36	650
ST8115-1012	375	46	1410
ST8115-1014	450	55	2070
ST8115-1016	600	60	4705



Stainless Wrench, Pipe

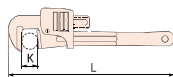


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	K _{max} mm	$\frac{K}{L}$
ST8116-1002	200	25	380
ST8116-1004	250	30	580
ST8116-1006	300	40	750
ST8116-1008	350	50	1100



Stainless Wrench, Pipe (British Type)

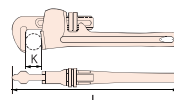


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	$\frac{K}{L}$
ST8116A-1002	250	500
ST8116A-1004	300	700
ST8116A-1006	350	1000
ST8116A-1008	450	1650
ST8116A-1010	600	2710
ST8116A-1012	900	4950



Stainless Wrench, Pipe (American Type)



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	K _{max} mm	$\frac{K}{L}$
ST8117-1002	200	25	420
ST8117-1004	250	30	735
ST8117-1006	300	40	1050
ST8117-1008	350	50	1315

Aluminium Handle

ITEM CODE	L mm	K _{max} mm	$\frac{K}{L}$
ST8117-1010	450	60	1500
ST8117-1012	600	75	2300
ST8117-1014	900	85	3700
ST8117-1016	1200	110	8000



Stainless Chain Wrench

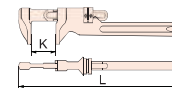


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	D mm	$\frac{D}{L}$
ST8117A-1002	600	100	2000
ST8117A-1004	600	200	2500
ST8117A-1006	900	300	4500
ST8117A-1008	900	400	5200



Stainless Wrench, Monkey

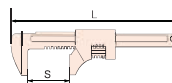


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	K _{max} mm	$\frac{K}{L}$
ST8118-1002	240	45	510
ST8118-1004	254	48	615
ST8118-1006	305	58	910
ST8118-1008	350	65	1220
ST8118-1010	380	70	1465



Stainless Motor Wrench



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	$\frac{S}{L}$
ST8119-62	62	250	575
ST8119-78	78	280	860
ST8119-82	82	375	1430



Stainless Wrench T Ball Hex Key

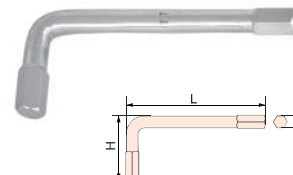


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	$\frac{S}{L}$
ST8120A-1002	3	95
ST8120A-1004	4	75
ST8120A-1006	5	85
ST8120A-1008	6	100
ST8120A-1010	7	115
ST8120A-1012	8	125
ST8120A-1014	9	135
ST8120A-1016	10	150



Stainless Wrench, Hex Key



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	$\frac{S}{L}$
ST8120-1.5	1.5	59	8
ST8120-2	2	59	8
ST8120-2.5	2.5	59	8
ST8120-3	3	59	8
ST8120-4	4	65	10
ST8120-5	5	79	16
ST8120-6	6	85	25
ST8120-7	7	88	34
ST8120-8	8	92	50
ST8120-9	9	97	61
ST8120-10	10	110	82
ST8120-11	11	119	100
ST8120-12	12	130	145
ST8120-13	13	140	180
ST8120-14	14	150	211
ST8120-15	15	156	260
ST8120-16	16	162	300
ST8120-17	17	168	370
ST8120-18	18	173	450
ST8120-19	19	177	490
ST8120-21	21	184	652
ST8120-22	22	186	675
ST8120-24	24	192	825
ST8120-25	25	200	925
ST8120-26	26	206	1025
ST8120-27	27	213	1220
ST8120-28	28	222	1350
ST8120-30	30	240	1615
ST8120-32	32	266	2065
ST8120-36	36	294	2905
ST8120-41	41	320	4120



Stainless Formed T Hex Key

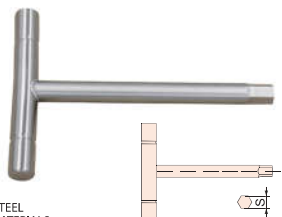


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	$\frac{S}{L}$
ST8120B-1002	3	55
ST8120B-1004	4	75
ST8120B-1006	5	85
ST8120B-1008	6	100
ST8120B-1010	7	115
ST8120B-1012	8	125
ST8120B-1014	9	135
ST8120B-1016	10	150



Stainless Wrench T Hex Key

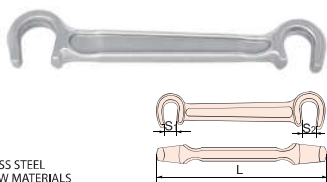


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	Wt g
ST8120C-1002	1,5	50
ST8120C-1004	2	55
ST8120C-1006	2,5	60
ST8120C-1008	3	80
ST8120C-1010	4	100
ST8120C-1012	5	120
ST8120C-1014	6	180
ST8120C-1016	8	220
ST8120C-1018	10	250



Stainless Valve Wrench,C Type

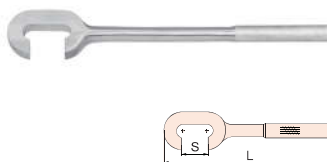


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	S1 mm	S2 mm	Wt g
ST8121-1002	200	14,5	18,5	370
ST8121-1004	250	17,5	25,5	635



Stainless Valve Wrench,C Type

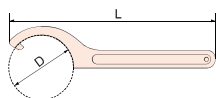


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	S mm	Wt g
ST8122-1002	450	40	1205



Stainless Wrench,Hook

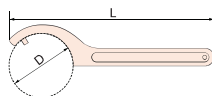


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	D mm	L mm	Wt g
ST8123-1002	30-32	136	60
ST8123-1004	34-36	170	90
ST8123-1006	40-42	170	100
ST8123-1008	45-50	206	150
ST8123-1010	52-55	206	160
ST8123-1012	58-62	242	210
ST8123-1014	68-75	242	250
ST8123-1016	80-90	280	370
ST8123-1018	95-100	280	410
ST8123-1020	110-115	334	700
ST8123-1022	120-130	334	750
ST8123-1024	135-145	383	1050



Stainless Hook Wrench With Pin

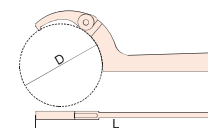


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	D mm	L mm	Wt g
ST8124-1002	30-32	136	63
ST8124-1004	34-36	171	95
ST8124-1006	40-42	171	105
ST8124-1008	45-50	207	160
ST8124-1010	52-55	207	170
ST8124-1012	58-62	243	225
ST8124-1014	68-75	243	265
ST8124-1016	80-90	281	375
ST8124-1018	95-100	281	415
ST8124-1020	110-115	333	770



Stainless Hook Wrench,Adjustable

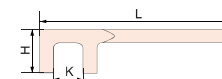


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	D mm	L mm	Wt g
ST8124B-1002	20-35	165	115
ST8124B-1004	35-60	190	150
ST8124B-1006	60-90	280	350
ST8124B-1008	90-155	330	650
ST8124B-1010	155-230	400	1150



Stainless Valve Wrench

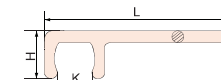


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	K mm	L mm	Wt g
ST8125-30	30	200	280
ST8125-35	35	250	360
ST8125-40	40	300	470
ST8125-45	45	350	520
ST8125-50	50	400	800
ST8125-55	55	450	940
ST8125-60	60	500	1180
ST8125-65	65	550	1320
ST8125-70	70	600	1500
ST8125-75	75	650	1600
ST8125-80	80	700	1700
ST8125-85	85	750	2250
ST8125-90	90	800	2450
ST8125-95	95	850	2550
ST8125-100	100	900	2650



Stainless Valve Wrench

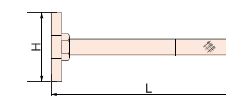


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	K mm	L mm	H mm	Wt g
ST8126-30	30	200	46	265
ST8126-35	35	250	52	375
ST8126-40	40	300	54	450
ST8126-45	45	350	60	585
ST8126-50	50	400	68	740
ST8126-55	55	450	74	830
ST8126-60	60	500	80	1200
ST8126-65	65	550	85	1280
ST8126-70	70	600	88	1380
ST8126-75	75	650	95	1650
ST8126-80	80	700	100	1870
ST8126-85	85	750	100	2090
ST8126-90	90	800	107	2310
ST8126-95	95	900	112	2980
ST8126-100	100	1000	117	3330



Stainless Wrench,Bung

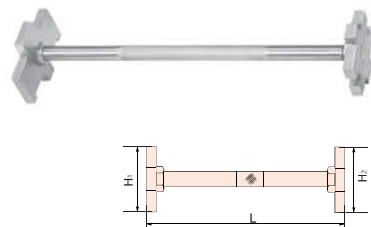


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	H mm	Wt g
ST8127-1002	300	70	630



Stainless Wrench, Bung

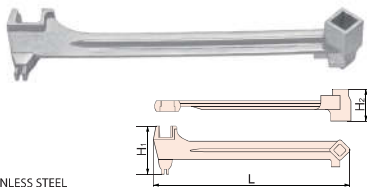


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	H1 mm	H2 mm	W g
ST8128-1002	350	70	95	1165



Stainless Wrench, Bung

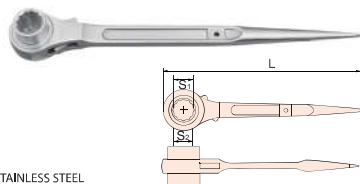


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	H1 mm	H2 mm	W g
ST8129-1002	385	93	61	1250



Stainless Ratchet Wrench



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S1 mm	S2 mm	L mm	W g
ST8130-1417	14	17	280	410
ST8130-1719	17	19	310	450
ST8130-1922	19	22	345	530
ST8130-2224	22	24	365	680
ST8130-2427	24	27	380	860
ST8130-2730	27	30	400	990
ST8130-3032	30	32	400	1025
ST8130-3236	32	36	450	1450
ST8130-3641	36	41	495	1860



Stainless Cabinet Key



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S1*S2*S3 mm	W g
ST8131-1002	8*9*10	290
ST8131-1004	10*12*14	320
ST8131-1006	11*13*15	350
ST8131-1008	12*14*17	385
ST8131-1010	14*17*19	425



Stainless Cabinet Key

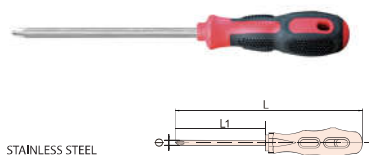


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S1*S2*S3*S4 mm	L mm	W g
ST8132-1002	17*19*21*23	350	1250
ST8132-1004	17*19*22*24	350	1250



Stainless Phillips Screwdriver



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L1 inch	size	L1 mm	L mm	Φ mm	W g
ST8202-1002	2	0	50	134	3	35
ST8202-1004	3	1	75	159	4	70
ST8202-1006	4	1	100	205	5	75
ST8202-1008	5	2	125	240	6	100
ST8202-1010	6	2	150	265	6	110
ST8202-1012	8	3	200	327	8	165
ST8202-1014	10	3	250	377	8	185
ST8202-1016	12	4	300	427	9	245
ST8202-1018	14	4	350	477	9	270
ST8202-1020	16	4	400	550	9	295
ST8202-1022	18	4	450	600	9	320



Stainless Slotted Screwdriver



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L1 inch	L1 mm	L mm	H mm	B mm	W g
ST8201-1002	2	50	134	0.5	3	35
ST8201-1004	2	50	134	1.0	4.5	43
ST8201-1006	3	75	159	0.6	3	35
ST8201-1008	3	75	159	0.8	4	45
ST8201-1010	3	75	180	1.0	5	70
ST8201-1012	4	100	184	0.8	4	45
ST8201-1014	4	100	205	1.0	5	75
ST8201-1016	4	100	215	1.1	6	85
ST8201-1018	5	125	240	1.1	6	100
ST8201-1020	6	150	265	1.1	6	110
ST8201-1022	6	150	265	1.2	7	125
ST8201-1024	6	150	277	1.2	8	140
ST8201-1026	8	200	327	1.2	8	165
ST8201-1028	10	250	377	1.6	9	185
ST8201-1030	10	250	377	1.8	11	260
ST8201-1032	12	300	427	1.6	10	245
ST8201-1034	12	300	427	1.8	11	290
ST8201-1036	14	350	477	1.8	11	320
ST8201-1038	16	400	550	2.0	12	450



Stainless Slotted Screwdriver



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L1 mm	B mm	L mm	W g
ST8203-1002	50	3	155	255
ST8203-1004	75	4	180	270
ST8203-1006	100	5	205	325
ST8203-1008	150	6	255	340
ST8203-1010	200	8	305	390
ST8203-1012	250	9	370	555
ST8203-1014	300	10	420	650



Stainless Phillips Screwdriver



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L1 mm	size	L mm	W g
ST8204-1002	50	0	155	255
ST8204-1004	75	1	180	270
ST8204-1006	100	1	205	325
ST8204-1008	150	2	255	340
ST8204-1010	200	3	305	390
ST8204-1012	250	3	370	555
ST8204-1014	300	4	420	650



Stainless Stubby Screwdriver



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L1 mm	B mm	L mm	W g
ST8205-1002	38	3	85	140
ST8205-1004	38	3	85	160
ST8205-1006	38	5	85	180
ST8205-1008	38	6	85	190
ST8205-1010	38	8	85	200



Stainless Pliers, Lineman



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L inch	L mm	W g
ST8301-1002	6	150	180
ST8301-1004	7	175	355
ST8301-1006	8	200	465
ST8301-1008	10	250	550



Stainless Pliers, Adjustable Combination



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L inch	L mm	K mm	QT g
ST8302-1002	6	150	8	213
ST8302-1004	8	200	13	380



Stainless Pliers, Slip Joint



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L inch	L mm	Kmax mm	QT g
ST8305-1002	10	250	32	365



Stainless Pliers, Diagonal Cutting



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L inch	L mm	QT g
ST8303-1002	6	150	245
ST8303-1004	8	200	410



Stainless Bolt Chipper



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L inch	L mm	QT g
ST8306-1002	8	200	225



Stainless Pliers, Snipe Nose



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L inch	L mm	L _i mm	QT g
ST8304-1002	6	150	54	190
ST8304-1004	8	200	74	335



Stainless Locking Pliers



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Size inch	L mm	D mm	QT g
ST8307-1002	10	225	40	480



Stainless Tweezers, Flat Nose



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	QT g
ST8308-1002	150	30
ST8308-1004	200	50



Stainless Pincers



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	QT g
ST8313-1002	180	280



Stainless Pliers, Lineman



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	QT g
ST8311-1002	150	250
ST8311-1004	180	370
ST8311-1006	200	420



Stainless Pliers, Adjustable Combination



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	QT g
ST8314-1002	200	280



Stainless Pliers, Snipe Nose



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	QT g
ST8312-1002	165	185
ST8312-1004	178	210
ST8312-1006	200	230



Stainless Pliers, Diagonal Cutting




- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	QT g
ST8315-1002	190	310

Stainless Pliers, Slip Joint




- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	 g
ST8317-1002	165	220
ST8317-1004	250	435
ST8317-1006	300	700

Stainless Hammer, Cross Pein Engineers'




- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	H g	L mm	 g
ST8403-1002	500	310	500
ST8403-1004	1000	340	1000
ST8403-1006	1500	400	1500
ST8403-1008	2000	400	2000

Stainless Hammer, Ball Pein




- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	H g	L mm	 g
ST8401-1002	340	280	340
ST8401-1004	450	280	450
ST8401-1006	680	310	680
ST8401-1008	910	340	910
ST8401-1010	1130	350	1130
ST8401-1012	1400	400	1400

Stainless Hammer, Testing




- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	H g	L mm	 g
ST8404-1002	150	280	270
ST8404-1004	250	280	345

Hammer, Cutoff (Japan Type)




- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	H g	L mm	 g
ST8402-1002	250	280	400
ST8402-1004	300	280	460

Stainless Hammer, Scaling




- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	H g	L mm	 g
ST8405-1002	150	280	270
ST8405-1004	300	280	420

Stainless Hammer, Claw




- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	H g	L mm	 g
ST8406-1002	230	280	405
ST8406-1004	450	300	652
ST8406-1006	680	330	953

Stainless Hammer, Sledge




- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Size g	L mm	 g
ST8407-1002	450	310	450
ST8407-1004	1000	400	1000
ST8407-1006	1400	400	1400
ST8407-1008	1500	400	1500
ST8407-1010	1800	400	1800
ST8407-1012	2000	400	2000
ST8407-1014	2200	400	2200
ST8407-1016	2500	700	2500
ST8407-1018	2700	700	2700

Stainless Hammer, Sledge (German Type)




- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	H g	L mm	 g
ST8408-1002	500	310	500
ST8408-1004	1000	350	1000
ST8408-1006	1500	400	1500
ST8408-1008	2000	400	2000

Stainless Shovel, Square



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	B mm	 g
ST8409-1002	1400	175	1800
ST8409-1004	1450	240	2200

Stainless Shovel, Round Point




- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	B mm	 g
ST8410-1002	1450	240	1553

Stainless Hammer



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Size g	L mm	 g
ST8411-1002	250	300	320



Stainless Club Hammer



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Size lb	L mm	Weight g
ST8412-1002	2	340	1000
ST8412-1004	4	400	2000



Stainless Nylon Hammer



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Size g	L mm	Weight g
ST8413-1002	800	340	1500
ST8413-1004	1000	400	2000



Stainless Nylon Hammer



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Size g	Weight g
ST8413A-1002	150	350
ST8413A-1004	250	500
ST8413A-1006	350	700
ST8413A-1008	500	900



Stainless Universal Joint



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	C inch	L mm	Weight g
ST8504-1002	1/2	80	186
ST8504-1004	3/4	110	530
ST8504-1006	1	132	1000



Stainless Sliding T Handle



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	C inch	L mm	H mm	Φ mm	Weight g
ST8505-1002	1/2	250	39	13	340
ST8505-1004	3/4	350	54	19	1070
ST8505-1006	3/4	400	56	21	1335
ST8505-1008	1	400	62	21	1620



Stainless Hinged Handle



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	C inch	L mm	L' mm	Weight g
ST8506-1002	3/8	190	175	245
ST8506-1004	1/2	250	230	440
ST8506-1006	1/2	320	300	565
ST8506-1008	1/2	400	380	645
ST8506-1010	3/4	286	260	635
ST8506-1012	1	304	270	910



Stainless Socket(1/2")



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	Weight g
ST8501-6	6	40	75
ST8501-7	7	40	77
ST8501-8	8	40	77
ST8501-9	9	40	78
ST8501-10	10	40	78
ST8501-11	11	40	79
ST8501-12	12	40	79
ST8501-13	13	40	80
ST8501-14	14	40	80
ST8501-15	15	40	94
ST8501-16	16	40	94
ST8501-17	17	40	94
ST8501-18	18	42	94
ST8501-19	19	42	110
ST8501-20	20	42	120
ST8501-21	21	43	125
ST8501-22	22	43	130
ST8501-23	23	43	150
ST8501-24	24	43	165
ST8501-25	25	43	180
ST8501-26	26	43	200
ST8501-27	27	46	215
ST8501-28	28	46	225
ST8501-29	29	46	235
ST8501-30	30	46	250
ST8501-32	32	46	295



Stainless Socket(3/8")



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	Weight g
ST8502-5	5	28	35
ST8502-5.5	5.5	28	35
ST8502-6	6	28	35
ST8502-7	7	28	35
ST8502-8	8	28	35
ST8502-9	9	28	35
ST8502-10	10	32	50
ST8502-11	11	32	50
ST8502-12	12	32	50
ST8502-13	13	32	50
ST8502-14	14	32	50
ST8502-15	15	32	53
ST8502-16	16	32	58
ST8502-17	17	32	63
ST8502-19	19	32	68
ST8502-20	20	32	77



Stainless Socket(3/4")



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	Weight g
ST8503-17	17	50	245
ST8503-19	19	50	245
ST8503-21	21	55	265
ST8503-22	22	55	265
ST8503-24	24	55	305
ST8503-26	26	55	305
ST8503-27	27	55	310
ST8503-29	29	55	335
ST8503-30	30	60	350
ST8503-32	32	60	465
ST8503-34	34	60	480
ST8503-35	35	60	500
ST8503-36	36	60	510
ST8503-38	38	60	550
ST8503-41	41	65	660
ST8503-46	46	65	760
ST8503-50	50	70	900



Stainless Ratchet Wrench

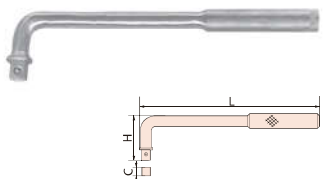


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	C inch	L mm	H mm	Weight g
ST8507-1002	3/8	200	30	290
ST8507-1004	1/2	245	43	690
ST8507-1006	3/4	320	57	1570
ST8507-1008	1	550	67	3470



Stainless Offset Handle

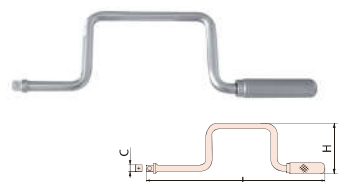


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	C inch	L mm	Weight g
ST8508-1002	3/8	200	300
ST8508-1004	1/2	230	400
ST8508-1006	3/4	280	750



Stainless Speed Handle



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	C inch	L mm	Weight g
ST8509-1002	3/8	300	450
ST8509-1004	1/2	390	770



Stainless Flex Socket Wrench

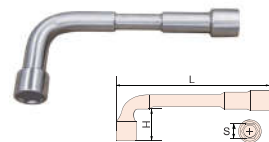


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S1*S2 mm	L mm	Weight g
ST8510-1002	8*9	200	100
ST8510-1004	10*11	210	120
ST8510-1006	12*13	230	170
ST8510-1008	14*15	240	200
ST8510-1010	16*17	250	280
ST8510-1012	18*19	270	390
ST8510-1014	20*22	290	470
ST8510-1016	21*23	290	480
ST8510-1018	24*27	330	760



Stainless Wrench, Socket L-Type

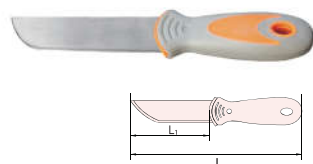


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	S mm	L mm	Weight g
ST8514-6	6	102	60
ST8514-8	8	114	95
ST8514-10	10	129	135
ST8514-12	12	144	180
ST8514-14	14	160	245
ST8514-17	17	187	365
ST8514-19	19	204	525
ST8514-22	22	230	700



Stainless Knife, Common

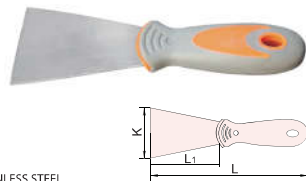


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L1 mm	L mm	Weight g
ST8601-1002	80	190	75
ST8601-1004	137	250	95



Stainless Knife, Putty

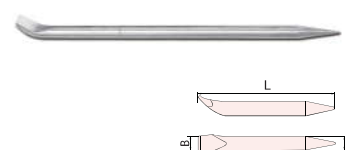


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	K mm	L1 mm	L mm	Weight g
ST8602-1002	25	90	200	75
ST8602-1004	40	90	200	95
ST8602-1006	50	90	200	105
ST8602-1008	65	90	200	115



Stainless Bar, Pinch

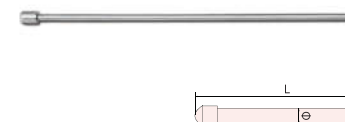


- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	Φ mm	B mm	Weight g
ST8603-1002	500	15	15	672
ST8603-1004	500	18	18	1020
ST8603-1006	500	20	20	1148
ST8603-1008	500	24	24	1800
ST8603-1010	600	25	25	2132
ST8603-1012	800	25	25	3120
ST8603-1014	1000	30	30	5193



Stainless Hearing Needle



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	Φ mm	Weight g
ST8606-1002	250	6	85
ST8606-1004	300	8	150
ST8606-1006	400	7	160
ST8606-1008	500	10	335
ST8606-1010	1000	10	650
ST8606-1012	800	10	525
ST8606-1014	500	8	220



Stainless 1/2" Dr Socket Set-13pcs



ITEM CODE	SPECIFICATION
ST8511	Socket 8mm, 10mm, 11mm, 12mm, 14mm, 17mm, 19mm, 22mm, 24mm, 27mm Ratchet Wrench 245mm Hinged Handle 250mm Socket Case



Stainless 1/2" Dr Socket Set-17pcs



ITEM CODE	SPECIFICATION
ST8512	Socket 10mm, 11mm, 12mm, 14mm, 17mm, 19mm, 22mm, 24mm, 27mm, 30mm, 32mm Ratchet Wrench 245mm Sliding T-Handle 250mm Speed Handle 400mm Driver Extension 125mm, 250mm Socket Case



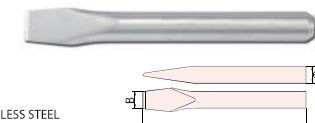
Stainless 1/2" Dr Socket Set-24pcs



ITEM CODE	SPECIFICATION
ST8513	Socket 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 27mm, 30mm, 32mm Ratchet Wrench 245mm Sliding T-Handle 250mm Speed Handle 400mm Driver Extension 125mm, 250mm Universal Joint 80mm



Stainless Chisel, Flat



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	Φ mm	B mm	Weight g
ST8604-1002	160	14	14	175
ST8604-1004	160	16	16	231
ST8604-1006	160	18	18	295
ST8604-1008	200	18	18	382
ST8604-1010	200	20	20	473
ST8604-1012	250	24	24	822
ST8604-1014	300	24	24	1025
ST8604-1016	300	25	25	1302
ST8604-1018	400	25	25	1502
ST8604-1020	500	25	25	1903
ST8604-1022	500	30	30	2730



Stainless Wedge, Flange



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	B mm	H mm	Weight g
ST8605-1002	80	13	6	75
ST8605-1004	100	50	10	201
ST8605-1006	135	50	18	497
ST8605-1008	150	40	8	200
ST8605-1010	150	25	8	122
ST8605-1012	150	25	13	205
ST8605-1014	150	50	13	400
ST8605-1016	180	32	13	305
ST8605-1018	180	50	19	700
ST8605-1020	200	20	30	490
ST8605-1022	200	30	30	740
ST8605-1024	200	40	40	1315
ST8605-1026	200	50	12	500
ST8605-1028	230	40	20	751
ST8605-1030	250	40	30	1230
ST8605-1032	300	50	40	2460



Stainless Bucket



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Size L	H mm	Weight g
ST8608-1002	10	250	1200
ST8608-1004	15	280	1550



Stainless Bucket



Stainless Oil Funnel



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Φ mm	H mm	Weight g
ST8609-1002	160	130	260
ST8609-1004	160	150	280

- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Size L	H mm	Weight g
ST8607-1002	15	280	2000



Stainless Bucket



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Size L	H mm	Weight g
ST8610-1002	10	300	1680



Stainless Oil Dipper



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Φ mm	L mm	Weight g
ST8611-1002	85	350	163



Stainless Portable Oil Pump



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Φ mm	H mm	Weight g
ST8612-1002	165	1100	2315



Stainless Dustpan



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	B mm	H mm	Weight g
ST8613-1002	150	130	20	130
ST8613-1004	200	200	50	335
ST8613-1006	270	250	50	635



Stainless Manual Portable Oil Pump



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	Weight g
ST8614-1002	1350	3500



Stainless Releasing Static Device



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	kg
ST8615-1002	1000	2000



Stainless C Clamps



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	K mm	kg
ST8616-1002	50	900
ST8616-1004	75	1100
ST8616-1006	100	1400
ST8616-1008	150	2000
ST8616-1010	200	2700
ST8616-1012	250	3500
ST8616-1014	300	4300



Stainless Hacksaw



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	kg
ST8617-1002	500	800



Stainless Sliding Bar Clamp



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Size mm	kg
ST8618-1002	50*150	450
ST8618-1004	50*200	480
ST8618-1006	80*250	930
ST8618-1008	80*300	1035
ST8618-1010	80*400	1155
ST8618-1012	80*500	1300
ST8618-1014	120*600	2550
ST8618-1016	120*800	3000



Stainless Heavy Duty Bench Vise



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	Size mm	kg
ST8620-1002	75	6,2
ST8620-1004	100	7
ST8620-1006	150	19,5
ST8620-1008	200	29,5
ST8620-1010	250	44,5



Stainless Pry Bar(Wrecking Bar)



- STAINLESS STEEL
- BEST RAW MATERIALS
- RUST-PROOF & CORROSION RESISTANT
- EXTREMELY STRONG & DURABLE

ITEM CODE	L mm	kg
ST8619-1002	450	970
ST8619-1004	500	1100
ST8619-1006	600	1250
ST8619-1008	700	1500
ST8619-1010	750	1650
ST8619-1012	800	1700
ST8619-1014	900	1900

STAINLESS STEEL TOOLS

PROFESSIONAL TOOLS MANUFACTURER

**WEDO Stainless steel
Pliers, Lineman**



For soft and hard wire.

Long precision cutting edge.

Clear mark.

Ergonomics, comfortable to hold.

Non-slip design.

Serrated pipe hole for round pieces.

Knurled jaws flat.

Quality raw material.