





SPANNERS, SETS

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Production of a Spanner

The forging blank for the spanner is cut from specialised 31CrV3 chrome vanadium steel.



Under carefully controlled conditions, the blank is heated to the correct temperature. It is then forged between precision manufactured dies, which are mounted on a drop forging hammer.



Surplus material is removed by trimming presses.



The 'open ends' are precision broached to the specified sizes.

All sharp edges and burrs are removed from the spanner in various grinding processes. The surface finish is then further improved by a vibro polishing process.

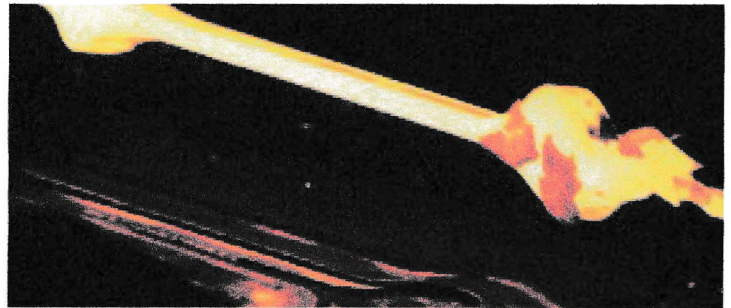


Hardening takes place in a protective gas environment, in which all oxygen has been removed from the atmosphere. This is done to avoid oxidation of the metal. After a carefully controlled water quenching process, the spanner is reheated and tempered to the correct hardness, which ensures optimum torque and durability.



The two-layered nickel/chrome electroplating process provides the spanner with an effective corrosion protective layer, as well as giving it the distinctive GEDORE satin finish.

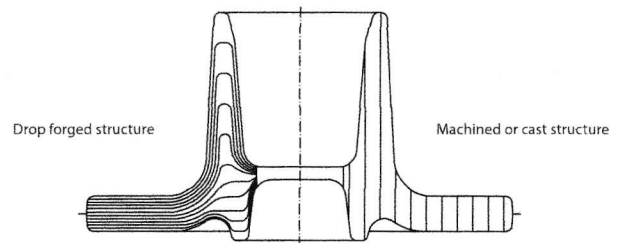
Manufacture of hot forged hand tools



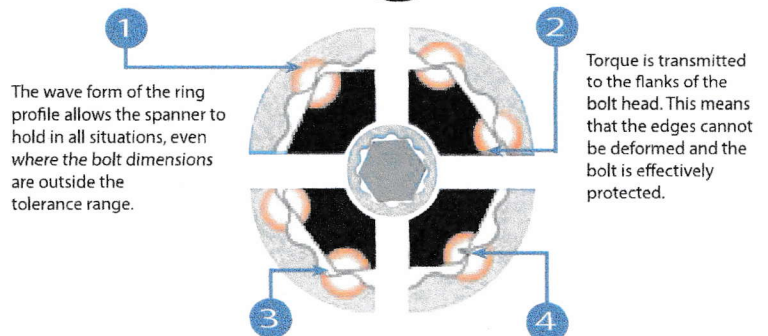
Benefits of using a hot forged process of manufacture

A drop forging process is well suited to produce products such as spanners, pliers and puller yokes. Heated raw material is transformed at high speed in a drop forging die to a product closely resembling its final form. The process facilitates a pore-free product which has a dense and uniform metallurgical grain structure running parallel to the outer form of the product. This characteristic improves the strength, toughness and elasticity, thereby allowing the application of higher levels of stress.

A press forging process is well suited for manufacturing products like sockets. Through the use of forging punches, heated round raw material is transformed into a product with a closer tolerance of the final socket form.



UD PROFILE protects bolt heads



The contact surface area between the spanner and the bolt head is markedly increased due to the wave form. This allows a more even distribution of the contact pressure, which in turn allows the application of a higher torque.

As the torque is transmitted to the flanks of the bolt, even damaged bolt heads may be gripped and turned.

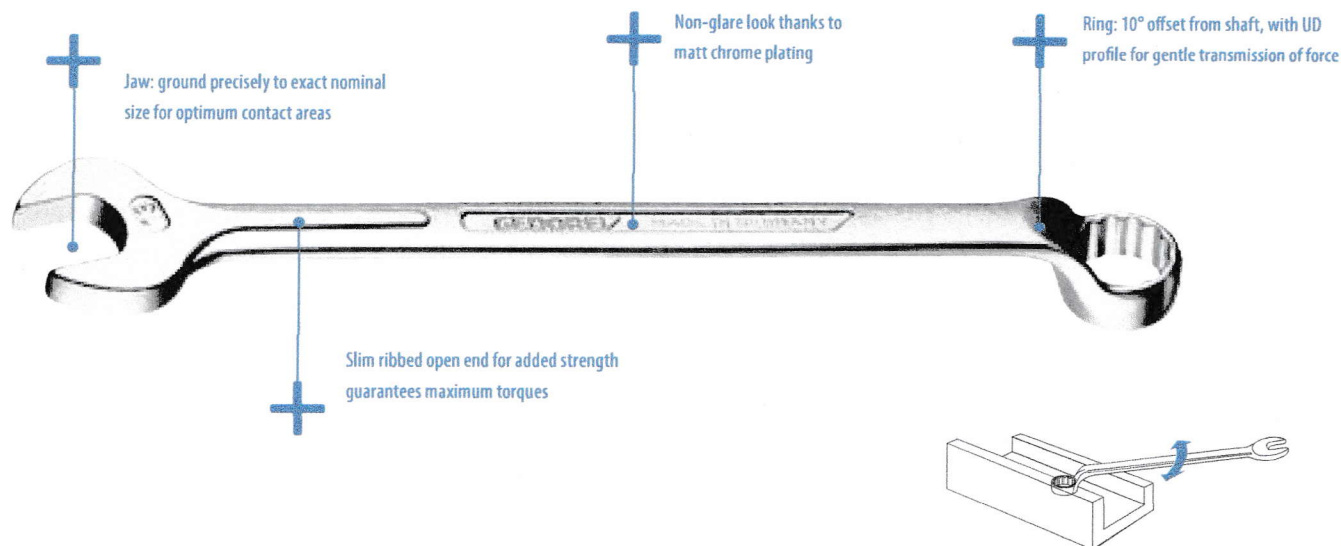


Combination Spanners

NO. 1 B - THE STRONG ALL-ROUNDER

- According to DIN 3113 Form B, ISO 3318, ISO 7738.
- Sizes 5 and 5.5mm with hexagon ring, up from size 6mm with UD profile.
- GEDORE vanadium steel 31CrV3, chrome-plated.
- Carefully forged and professionally machined.
- Overloading indicated by deformation.

- The offset ring ensures a better grip on deep-seated or inset nuts or bolts.
- Top-grade industrial quality for the hardest of continuous use.



1 B (MM) COMBINATION SPANNERS



Code	mm	mm	mm
6000240	5	100	15
6000320	5,5	100	15
600040	6	100	14
600059	7	112	21
600067	8	125	25
600075	9	138	33
600083	10	148	44
600091	11	158	50
600105	12	168	60
600113	13	185	77
600121	14	198	88
600148	15	210	103
600156	16	220	120
600164	17	232	140
600172	18	245	160
600180	19	258	190
600199	20	270	220
600202	21	280	250
600210	22	292	300
600229	23	305	335
600237	24	318	370
600245	25	328	410
600253	26	340	450
600261	27	352	500
600288	28	370	560
600296	29	370	570

Code	mm	mm	mm
600318	30	390	645
600326	32	412	780
002540	33	412	1000
600415	34	412	840
600342	36	460	1160
600350	38 - 1 1/2"	460	1450
002527	41	520	1485
002528	46	560	1900
002529	50	590	2350
002530	55	620	3600
6004070	60	660	3600
6004660	65	710	4500
6004740	70	760	5600
6004820	75	810	6545
6004900	80	860	8800

1B (AF) SIZES

➤10



1 B (AF)

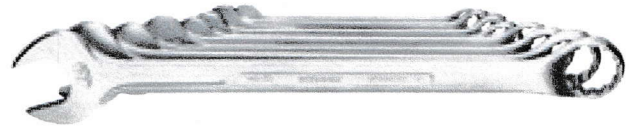
COMBINATION SPANNERS

inch

Code	○"AF	mm	mm	Code	○"AF	mm	mm
600512	1/4"	100	14	600679	1.1/8"	370	570
600520	5/16"	125	25	600881	1.3/16"	370	570
600539	3/8"	148	45	600687	1.1/4"	412	780
600547	7/16"	158	50	600695	1.5/16"	412	790
600555	1/2"	185	80	600709	1.3/8"	460	1150
600563	9/16"	198	97	600717	1.7/16"	460	1160
600571	5/8"	220	120	600725	1.1/2"	460	1170
600598	11/16"	245	174	6007330	1.5/8"	520	1500
600601	3/4"	258	185	6007410	1.3/4"	550	1900
600628	13/16"	280	250	6007760	1.7/8"	550	1900
600636	7/8"	292	300	6007840	2"	580	2400
600644	15/16"	318	370	6007920	2.1/16"	580	3200
600652	1"	340	450	6008060	2.3/16"	620	3600
600660	1.1/16"	352	500	6008140	2.1/4"	620	4000
				6008220	2.3/8"	660	4400
				6008300	2.7/16"	660	4800

1 B (MM) / 1 B (AF)

COMBINATION SPANNER SETS



Code	mm	○"AF	Contents	kg
601152	1B-04M		10 13 17 19	0.50
601160	1B-06M		10 11 13 14 17 19	0.67
601187	1B-08M		10 12 13 14 17 19 22 24	1.38
601200	1B-10M		10 11 12 13 14 15 16 17 18 19	2.100
601217	1B-12M		10 11 12 13 14 17 19 22 24 27 30 32	3.260
601268	1B-17M		6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	1.910
601268TR	1B-17M	WITH TOOL ROLL	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	2.270
601438	1B-18M		6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 24	2.390
601292	1B-TOP 20M	20 MOST POPULAR SIZES	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 24 27 30	3.373
601276	1B-26M		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	6.740
601276TR	1B-26M	WITH TOOL ROLL	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	6.740
601179	1B-13A		1/4" 5/16" 3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8" 15/16" 1"	2.285
601209	1B-017A		1/4" 5/16" 3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8" 15/16" 1" 1.1/16" 1.1/8" 1.3/16" 1.1/4"	4.765

SLOGGING SPANNERS

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1425/41/1B FOAM ASSORTMENTS

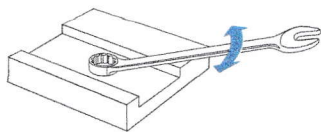
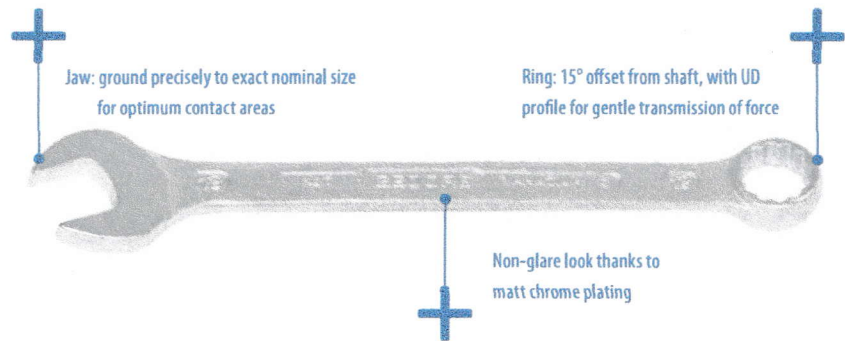
>134





NO. 7 - SLIM LINE

- According to DIN 3113 Form A, ISO 3318, ISO 7738.
- Gedore vanadium steel 31CrV3, chrome-plated.
- Carefully forged and professionally machined.
- Slim jaw and jaw walls make this spanner lighter overall.
- Overloading indicated by deformation.
- Secure grip.
- Non-glare look thanks to matt chrome-plating.
- Designed for universal use.



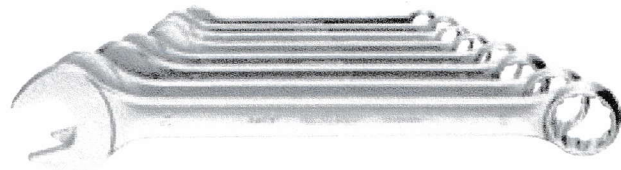
7 (MM) COMBINATION SPANNERS



with same size each end

Code	Ø mm	l mm	W mm	Code	Ø mm	l mm	W mm
608955	6	100	12	609080	19	230	150
608963	7	110	15	609196	20	240	220
608971	8	120	20	609218	21	250	250
608998	9	130	32	609099	22	260	215
609005	10	140	34	609226	23	270	335
609013	11	150	45	609102	24	280	295
609021	12	160	50	609234	25	290	410
609048	13	170	65	609242	26	300	450
609056	14	180	73	609110	27	310	400
609064	15	190	90	609250	28	320	440
609161	16	200	120	609269	29	330	500
609072	17	210	105	609129	30	340	544
609188	18	220	165	609137	32	380	624

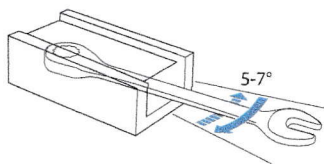
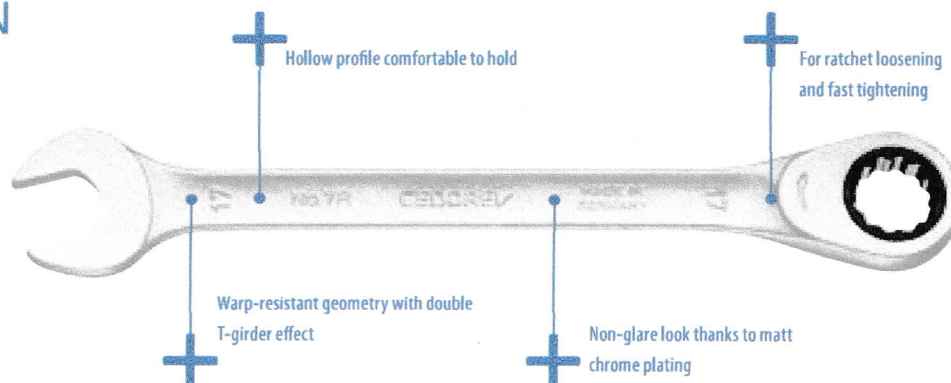
7 (MM) COMBINATION SPANNER SETS



Code	Ø mm	Contents	W mm
609358	7-17M	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	1.65
609579	7-21 M	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 24 27 30 32	3.70
609374	7-26 M	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	5.11

THE REVOLUTION

- With same size each end.
- UD profile.
- High torque transfer.
- Gedore vanadium steel 31CrV3.
- Non-glare look thanks to matt chrome-plating, locking insert and pawl manganese-phosphated.
- Hot forged.
- Jaw: ground precisely to exact nominal size for optimum contact areas.



7R COMBINATION RATCHET SPANNERS



Code	mm	°	mm	mm
2297051	8	7	140	32
2297078	9	7	150	42
2297086	10	7	160	54
2297094	11	7	164	63
2297108	12	7	170	69
2297116	13	7	180	88
2297124	14	7	190	101
2297132	15	7	200	125
2297140	16	6	212	137
2297159	17	6	225	160

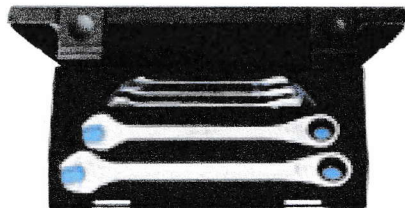
Code	mm	°	mm	mm
2297167	18	6	237	197
2297175	19	6	250	202
2219433	21	6	274	262
2297191	22	6	292	319
2297205	24	6	325	520
2297213	27	6	359	590
2297221	30	5	399	780
2297248	32	5	424	920
2219549	34	5	449	1010
2219557	36	5	480	1208

7R-005 COMBINATION RATCHET SPANNER SET



5 pieces

- Most used sizes combined in a set.
- Flat pattern.
- UD profile.
- High torque transfer.
- In plastic case.
- Dimensions: 275 x 150 x 42mm.



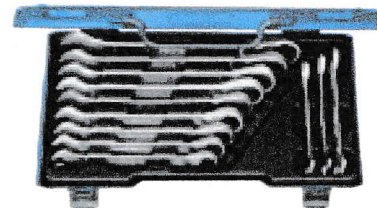
Code	Contents	mm
2297434	7R 8 10 13 17 19	0.930

7R-012 COMBINATION RATCHET SPANNER SET



12 pieces

- Most used sizes combined in a set.
- Flat pattern.
- UD profile.
- High torque transfer.
- In robust sheet-metal case.
- Dimensions: 320 x 210 x 55mm.



Code	Contents	mm
2297442	7R 8 9 10 11 12 13 14 15 16 17 18 19	2.84



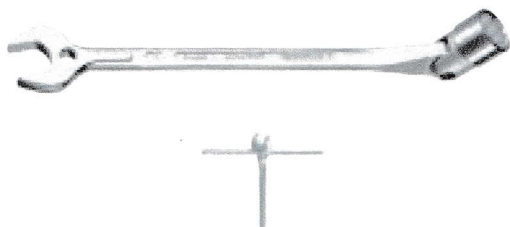
Swivel Head Wrenches

534

COMBINATION SWIVEL HEAD WRENCHS



- › Slim pattern, with free moving socket wrench.
- › With hole for tommy bars 26 D and 26 RS (please order separately).
- › Gedore vanadium steel 31CrV3, heads polished, chrome-plated.



Code	mm	mm	kg
651206	10	177	0.055
651214	11	189	0.065
651222	12	198	0.075
651230	13	208	0.095
651249	14	218	0.110
651257	15	231	0.120
651265	16	244	0.140
651273	17	255	0.170
651516	18	269	0.220
651281	19	283	0.240

Friction Type Ratchet

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CONSTRUCTION RACHETS

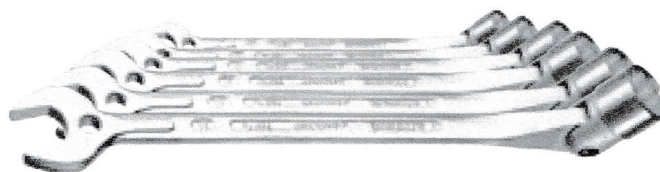
- › Reversible ratchet with two different size heads.
- › Bi-hexagon and 'rat-tail' handle.



Code	mm	mm	kg
1648934	17x19	315	0.50
1382853	19x22	315	0.70
1648926	19x24	365	0.70
031320	22x24	365	0.80
031322	24x27	370	0.80
6262790	24x30	450	1.40
031325	27x30	450	1.40
031170	27x32	450	1.40
031328	30x36	450	1.40
031330	32x36	450	1.60

534

COMBINATION SWIVEL HEAD WRENCH SETS

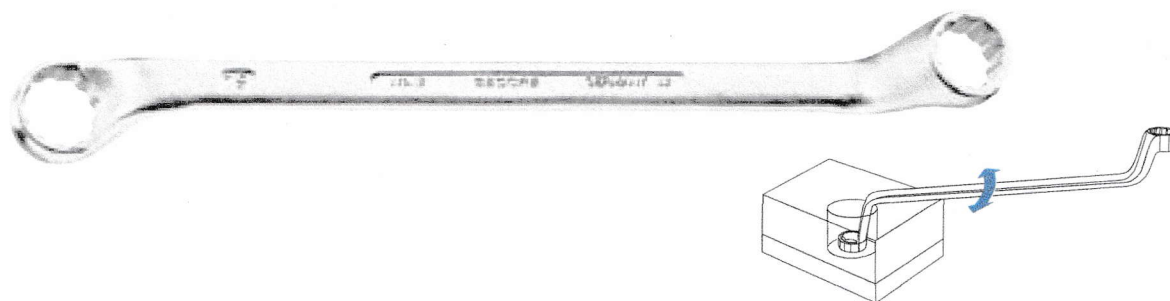


Code	mm	Contents	kg
651389	534-6M	10 12 13 14 17 19	1.00
651397	534-9M	10 11 12 13 14 15 16 17 19	1.41

Double Ended Ring Spanners

NO. 2 - OFFSET

- › Rings: thin walled with deep offset.
- › Chrome VANADIUM steel 31CrV3.
- › Carefully forged and professionally machined.
- › Ring: thin-walled, 5° deep offset from shaft, with UD profile for gentle transmission of force.
- › High bending strength does not fracture or splinter when overloaded, thus minimising the risk of injury.
- › In accordance with SANS 1112 and DIN 838.



2

DOUBLE ENDED RING SPANNERS



Code	Ø mm	l mm	W mm
601535	6x7	170	50
601551	8x9	182	65
601594	10x11	195	95
601659	12x13	212	120
601691	14x15	225	155
601721	16x17	245	210
601748	17x19	265	260
601756	18x19	265	260
601780	20x22	287	325
601799	19x24	305	410
601802	21x23	305	410
601837	24x26	325	475
601853	24x30	345	580
601861	25x28	345	580
601918	27x32	370	680
601926	30x32	370	680
601934	30x36	400	1000
601942	32x36	400	1100

Code	Ø mm	l mm	W mm
003518	36x41	440	1150
003519	38x42	440	1200
003520	41x46	535	2250
003521	46x50	535	2150

2 AF RING SPANNER



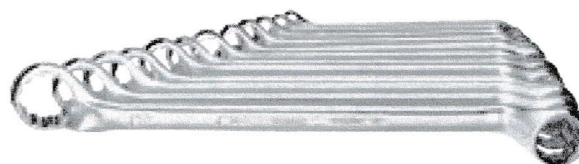
Code	Ø AF	l mm	W mm
003558	13/16x7.8"	285	0.360
003561	1.1/16x1.1/4"	370	0.700
003567	1.7/16x1.5/8"	440	1.300
003568	1.13/16x2"	540	2.200

2

DOUBLE ENDED RING SPANNER SETS



- › Sets of the most used sizes.
- › Rings: thin walled with deep offset.
- › Chrome Vanadium steel 31CrV3.
- › In accordance with SANS 1112 and DIN 838.



Code	Ø mm	Contents	W mm
603058	2-8M	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22	1.38
603112	2-11M	6x7 8x9 10x11 12x13 14x15 16x17 17x19 18x19 20x22 21x23 24x30	2.63
603090	2-12M	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x26 25x28 27x32	3.44



TX4

FLAT RING SPANNERS - TORX®

straight pattern, for protruding TORX® head screws

- › Chrome Vanadium steel 31CrV3.
- › Chrome plated, polished rings.
- › For outside TORX®.

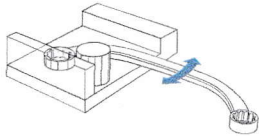


TORX® = Registered trademark of Acument Intellectual Properties, LLC. USA

Code		M	mm	mm	kg
6059800	E6xE8	M5 - M7	5,74 x 7,52	110	0.014
6059990	E10xE12	M8 - M10	9,42 x 11,17	140	0.040
6060140	E14xE18	M12 - M14	12,9 x 16,7	180	0.074
6060220	E20xE24	M16 - M20	18,45 x 22,16	226	0.163

SPECIAL

- › Chrome Vanadium steel 31CrV3.
- › Chrome plated, polished rings.



304 / 304 (AF)

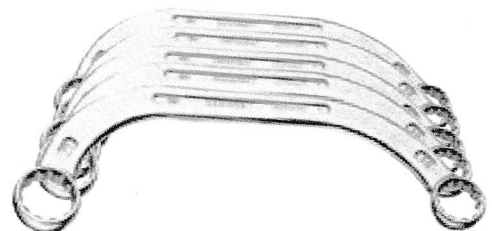
HALF-MOON RING SPANNERS

Code	mm	mm	kg	Code	"AF	mm	kg
006001	11x13	152	75	006051	7/16x1/2	150	0.075
006006	13x15	185	135	006052	9/16x5/8	185	0.135
6470120	13x17	185	135	006053	3/4x7/8	230	0.275
006002	14x16	185	120				
6470390	14x17	185	135				
006003	15x17	186	120				
006007	16x18	185	170				
006005	19x21	233	230				
006004	19x22	233	230				

304

HALF-MOON RING SPANNER SETS

- › Chrome Vanadium steel 31CrV3.
- › Chrome plated, polished rings.



Code	mm	Contents	kg
634018	6 M	11x13 14x16 15x17 16x18 19x21 19x22	1.20

NO. 2 A - STRONG

- › Heavy-duty pattern for highest torques.
- › Chrome Vanadium steel — 31CrV3.
- › Optional accessories: No. 2 AR extension tube, for extending the lever arm.



No. 2A + 2 AR

2 A SINGLE ENDED RING SPANNERS

offset

Code	Ø mm	l mm	kg
6033840	24	180	0.35
6033920	27	190	0.40
6034060	30	200	0.45
6034140	32	235	0.55
6030150	34	235	0.65
6034220	36	245	0.65
6034300	41	265	0.75
6034490	46	280	1.05
6034570	50	290	1.15
6034650	55	300	1.40

Code	Ø mm	l mm	kg
6034730	60	345	2.10
6034810	65	355	2.30
6035030	70	365	2.60
6035110	75	375	3.00
6035380	80	385	3.45
6035460	85	385	3.80
6035540	90	410	4.87
6035620	95	410	4.56
6035700	100	412	4.50

2AR EXTENSION TUBES

- › For heavy duty ring spanner 2A.
- › Steel tube, chrome plated.



Code	No.	Ø mm	l mm	kg
6048600	0	24-30	460	0.60
6048790	1	32-41	610	1.15

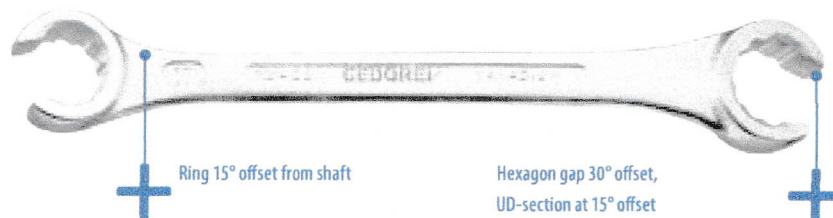
Code	No.	Ø mm	l mm	kg
6048870	2	46-55	760	2.15
6048950	3	60-100	860	2.85



Flare Nut Spanners

NO. 400

- Chrome Vanadium steel 31CrV3.
- Ring offset at 15°. Hexagon gap offset at 30°.
- Chrome plated, polished open rings.
- In accordance with DIN 3118.



400 (MM) / 400 (AF) FLARE NUT SPANNERS



Code	mm	mm	mm
005001	8x10	140	0.045
6056970	9x11	145	0.050
005002	10x11	150	0.055
6051070	10x12	150	0.110
005003	11x13	160	0.075

Code	mm	mm	mm
005004	12x14	170	0.100
005005	14x17	195	0.135
005006	17x19	210	0.160
005007	22x24	250	0.320

inch

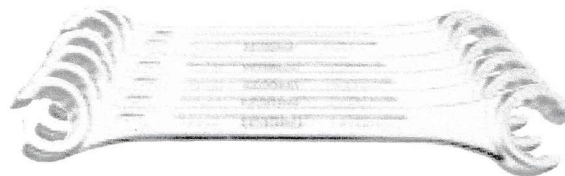
Code	AF	mm	mm
005051	5/16x3/8	140	0.045
005053	7/16x1/2	160	0.075

Code	AF	mm	mm
005055	9/16x5/8	195	0.135
005056	5/8x3/4	210	0.160

400 FLARE NUT SPANNER SETS



- Chrome Vanadium steel 31CrV3.
- Ring offset at 15°. Hexagon gap offset at 30°.
- Chrome plated, polished open rings.
- In accordance with DIN 3118.



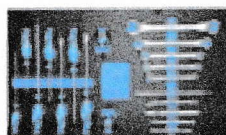
Code	mm	Contents	mm
634026	5 M	8X10 11X13 12X14 17X19 22X24	1.20

1425/27/SD MODULAR FOAM ASSORTMENT

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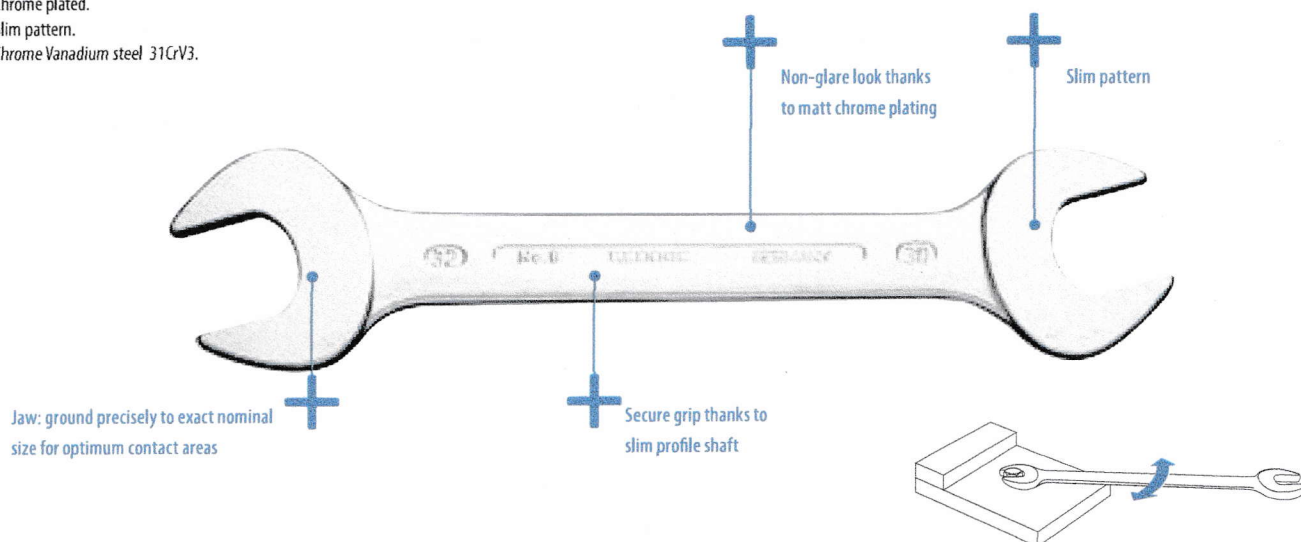
502 MOTORIST TOOLKIT

➤112



NO. 6 - STRONG AND ACCURATE

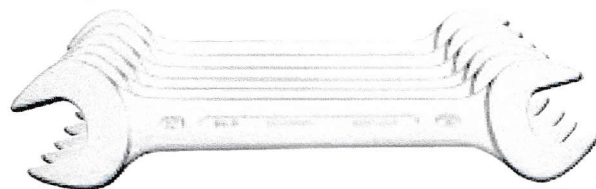
- > In accordance with SANS 1112 and DIN 895.
- > Chrome plated.
- > Slim pattern.
- > Chrome Vanadium steel 31CrV3.



6 (MM) DOUBLE OPEN ENDED SPANNERS

Code	mm	mm	kg	Code	mm	mm	kg
606383	6x7mm	122	0.020	606707	21x23mm	247	0.240
606421	8x9mm	140	0.025	606731	24x26mm	266	0.300
606448	8x10mm	140	0.030	606758	24x27mm	266	0.300
606472	10x11mm	157	0.040	606774	25x28mm	280	0.355
606537	12x13mm	172	0.060	004518	27x32mm	302	0.460
606588	14x15mm	188	0.070	606812	30x32mm	302	0.460
606626	16x17mm	205	0.110	004520	32x36mm	328	0.650
606642	17x19mm	222	0.155	004521	36x41mm	360	0.850
606650	18x19mm	222	0.155	004522	38x42mm	360	0.800
606677	19x22mm	236	0.210	004523	41x46mm	400	1.100
606685	20x22mm	236	0.210	004524	46x50mm	450	1.600

6 DOUBLE OPEN ENDED SPANNER SETS



Code	mm	Contents	kg
607703	4 M	10x11 12x13 14x15 16x17	0.28
607711	6 M	8x9 10x11 12x13 14x15 16x17 19x22	0.51
607738	8 M	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22	0.69
607754	10 M	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27	1.23
607878	11 M	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 30x32	1.69
607770	12 M	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x26 25x28 27x32	2.04

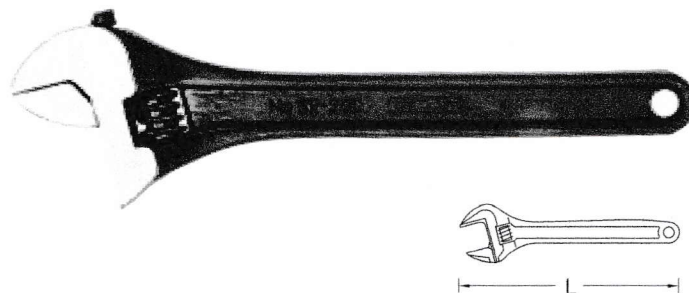
62

ADJUSTABLE WRENCHES

open end, phosphated

- › Chrome Vanadium steel 31CrV3.
- › Swedish pattern - jaw set at 15°.
- › Manganese phosphate finish.
- › In accordance with SANS 1211 and DIN 3117.
- › Ground head.

* Available in blister.



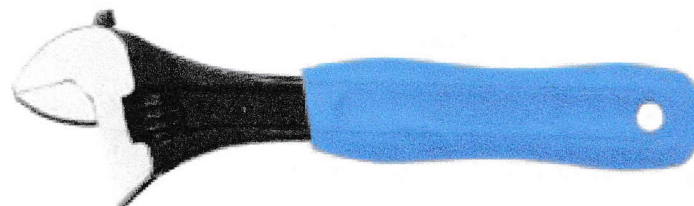
Code	mm	mm	mm	kg
636800	150*	20	150	0.155
636819	200*	25	200	0.250
636827	250*	30	250	0.460
636835	300*	36	300	0.700

Code	mm	mm	mm	kg
636843	375	43	375	1.030
636851	450	53	450	1.675
6360880	P 24" / 600	63	610	3.480

62H

ADJUSTABLE WRENCHES

- › Chrome Vanadium steel 31CrV3.
- › Swedish pattern - jaw set at 15°.
- › Manganese phosphate finish.
- › In accordance with SANS 1211 and DIN 3117.
- › Ground head.
- › PVC handle for comfort.



Code	mm	mm	mm	kg
636762	150H	20	150	0.150
636770	200H	25	200	0.300

Code	mm	mm	mm	kg
636789	250H	30	250	0.450
636797	300H	36	300	0.750

V62 ADJUSTABLE WRENCH

›149

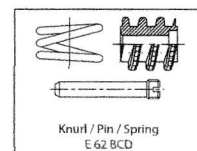
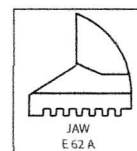


VDE SPANNERS

›148



62 SPARES



Code No.

536806	E 62 A / 150 Jaw
536814	E 62 A / 200 Jaw
536822	E 62 A / 250 Jaw
536830	E 62 A / 300 Jaw
536849	E 62 A / 375 Jaw
536857	E 62 A / 450 Jaw
536717	E 62 BCD / 150 Knurl / Pin / Spring
536725	E 62 BCD / 200 Knurl / Pin / Spring
536733	E 62 BCD / 250 Knurl / Pin / Spring
536741	E 62 BCD / 300 Knurl / Pin / Spring
536768	E 62 BCD / 375 Knurl / Pin / Spring
536776	E 62 BCD / 450 Knurl / Pin / Spring

306 (MM) / 306 (AF) RING SLOGGING SPANNERS

- › Chrome Vanadium steel 31CrV3.
- › Designed for heavy duty applications.
- › Shot blast finish.
- › In accordance with DIN 7444.



Code	Ø mm	l mm	W kg
010001	24	185	0.30
010002	27	185	0.40
010003	30	195	0.50
010004	32	195	0.50
010035	34	195	0.40
010005	36	200	0.70
6474460	38	205	0.66
010006	41	225	0.80
010007	46	240	1.10
010008	50	250	1.20
6475940	55	260	1.50
6476080	60	270	1.60
6476160	65	290	2.20
6476240	70	325	2.50
6476320	75	325	3.20
6476400	80	345	3.60
6476590	85	345	3.90
6476670	90	380	7.00
6476750	95	380	7.00
6476830	100	410	6.60
6476910	105	415	9.60
6477050	110	435	9.60
6477130	115	435	9.60
6477210	120	480	9.80
6477480	125	510	9.80
6477560	130	510	13.60

inch

Code	Ø"AF	l mm	W kg
010051	15/16"	185	0.40
010050	1"	185	0.40
010053	1.1/8"	185	0.40
010054	1.1/4"	195	0.50
010056	1.7/16"	200	0.70
010057	1.1/2"	200	0.60
010058	1.5/8"	225	0.80
010059	1.11/16"	225	0.80
010060	1.3/4"	240	1.10
010062	1.7/8"	240	1.10
010063	2"	250	1.20
6479930	2.3/16"	260	1.60
6480000	2.1/4"	260	1.60
6480190	2.3/8"	270	1.60
6480350	2.9/16"	290	2.20
6480430	2.5/8"	290	2.20
6480510	2.3/4"	325	2.40
6480780	3"	325	3.10
6480860	3.1/8"	345	3.70

133 (MM) OPEN ENDED SLOGGING SPANNERS

- › Chrome Vanadium steel 31CrV3.
- › Designed for heavy duty applications.
- › Shot blast finish.
- › In accordance with DIN 133.



Code	Ø mm	l mm	W kg
009000	25	180	0.40
009002	27	180	0.40
009003	30	190	0.50
009004	32	195	0.60
009035	34	195	0.60
009005	36	210	0.80
009006	41	225	1.00
009007	46	255	1.30
009008	50	280	1.70
6400850	55	310	2.70
6400930	60	310	2.70
6401070	65	360	3.40
6401150	70	360	4.60
6401230	75	395	5.90
6401310	80	410	7.00
6401580	85	410	6.80
6401660	90	455	10.00
6401740	95	455	9.50
6401820	100	500	14.60
6401900	105	500	13.50
6402040	110	500	13.30
6402120	115	525	16.80
6402200	120	525	17.10

IMPACT SOCKETS

›56



1" SOCKET SET

›53





Hook Spanners

40

HOOK SPANNERS

- › In accordance with DIN 1810, Form A.
- › Chrome Vanadium steel 31CrV3.
- › Manganese phosphated.
- › For slotted round nuts.



Code	mm	mm	kg
6333990	16 - 20	110	0.020
6334020	25 - 28	135	0.040
6334100	30 - 32	135	0.045
6334290	34 - 36	170	0.075
6334370	40 - 42	170	0.080
6334450	45 - 50	205	0.115
6334530	52 - 55	205	0.120
6334610	58 - 62	240	0.200
6334880	68 - 75	240	0.210
6334960	80 - 90	280	0.290
6335180	95 - 100	280	0.300
6335260	110 - 115	335	0.480

44

CALIPER FACE SPANNERS

- › Chrome Vanadium steel 31CrV3.
- › Manganese phosphated.
- › Similar to DIN 3116..



Code	mm	mm	kg
6354480	3	178	0.135
6354560	4	178	0.140
6354640	5	230	0.275
6354720	6	230	0.275
6354990	8	230	0.285

Crowfoot Spanners

40Z

PIN SPANNERS

- › In accordance with DIN 1810, Form A.
- › Chrome Vanadium steel 31CrV3.
- › Manganese phosphated.
- › For cross-drilled nuts.

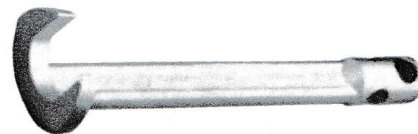


Code	mm	mm	kg
6335850	16 - 18	110	0.020
6335930	20 - 22	110	0.025
6336580	25 - 28	135	0.040
6336660	30 - 32	135	0.045
6336740	34 - 36	170	0.075
6336820	40 - 42	170	0.080
6336900	45 - 50	205	0.115
6337040	52 - 55	205	0.120
6337120	58 - 62	240	0.200
6337200	68 - 75	240	0.210
6337390	80 - 90	280	0.290
6337470	95 - 100	280	0.300

3114

CROWFOOT SPANNERS

- › Chrome Vanadium steel 31CrV3.
- › Chrome plated.
- › Opening at right angle to handle for maximum accessibility.



Code	mm	mm	kg
6670050	13	160	0.100
6670130	14	160	0.100
6676920	16	200	0.170
6670210	17	200	0.150
6677060	18	200	0.220
6670480	19	200	0.250
6677140	21	200	0.260
6670560	22	200	0.300
6670640	24	250	0.450
6670720	27	250	0.500
6670800	30	250	0.650
6670990	32	250	0.700
6671020	36	315	1.150
6671290	46	315	1.500
6671370	50	315	1.600