



GEDORE
TOOLS FOR LIFE

**Exclusive Distributor to
New Zealand and South Pacific**

2019
EDITION

» Globally close to the Customer



www.tradezone.co.nz

www.gedore.com

What's important is that despite these changes our attitude towards our work remains the same. At GEDORE, we manufacture a wide range of hand tools that last a lifetime. Our tools are precision manufactured, hot forged for exceptional durability, and boast the best of German engineering and South African manufacturing to deliver extensive value to our customers across a wide variety of industries.



Should you require pricing on any of the tools featured in this catalogue please do not hesitate to contact us.

NOTES

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

TORQUE TOOLS
UNCOMPROMISING
AMBITION

Controlled screw tightening - reliable
and safe for more than 50 years

23



24 PLIERS



5 RATCHET SPANNERS



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Tool Storage

1425 / 5
TOOL CHEST

- > Six-compartment sheetmetal tool chest.
- > Lockable.
- > Five easy-slide drawers, incorporating full extension ball bearing slide mechanisms.
- > Drawer latch incorporated into each drawer.
- > Strong structure, smooth operating hinges.
- > Can be stacked on 1525 tool trolley.
- > Retractable spring-loaded handles.
- > Load capacity per drawer 35kg.
- > Phosphated and powder coated to prevent corrosion.
- > High-density foam inserts.
- > L=687 x W=400 x H=491mm.



TOOLS NOT INCLUDED



Code	No.	
660965	1425 / 5 Tool Chest - EMPTY	35.50

1525
TOOL TROLLEY

155 pieces

- > Ideal for the professional workshop.
- > Rigid sheetmetal structure.
- > Five standard and two deep easy-slide drawers incorporating extra strong ball bearing slider mechanisms.
- > Central drawer locking mechanism.
- > Two swivel castors (one with safety brake) for maximum mobility and safety.
- > Handle for easy manoeuvrability.
- > Load capacity of 300kg.
- > Load capacity per drawer 35kg.
- > Blue and grey powder coated.
- > Drawer latch incorporated into each drawer.
- > L=758 x W=602 x H=914mm.



Code	No.	
662794	1525 Tool Trolley - EMPTY	55.00

Tool Assortment

3-STAND
MERCHANDISER CONCEPT



Close up +

THE PICTURES SHOWN ON THIS PAGE IS FOR ILLUSTRATION PURPOSES ONLY. ACTUAL PRODUCTS MAY VARY DEPENDING ON CUSTOMERS REQUIREMENTS.

VDE 2160 PH PHILLIPS SCREWDRIVERS



for cross-head screws PH

- > Individually tested, VDE insulation up to 1000 V, acc. to EN 60900/IEC 60900, fully insulated blade
- > Blade tip to DIN ISO 8764-1 PH
- > 3-component handles Power-Grip³ with hanging hole
- > Ergonomic handle design enables precise and fatigue-free working
- > Positive-fit joint of handle and blade for optimum transmission of force
- > Type of drive marked at end of the handle
- > Blade from GEDORE molybdenum-vanadium-Plus tempered steel



Code	No.	M	+	mm	kg
1612115	VDE 2160 PH1	M2 - M3	1	180	0.082
1612123	VDE 2160 PH2	M3,5 - M5	2	210	0.119

VDE 2170 ELECTRICIAN'S SCREWDRIVERS



for slotted head screws

- > Individually tested, VDE insulation up to 1000 V, acc. to EN 60900/IEC 60900, fully insulated blade
- > Tip to DIN ISO 2380-1 form B
- > 3-component handles Power-Grip³ with hanging hole
- > Ergonomic handle design enables precise and fatigue-free working
- > Positive-fit joint of handle and blade for optimum transmission of force
- > Type of drive marked at end of the handle
- > Blade from GEDORE molybdenum-vanadium-Plus tempered steel



Code	No.	mm	mm	kg
1612247	VDE 2170 3,5	3.5	185	0.055
1612255	VDE 2170 4	4.0	185	0.058
1612271	VDE 2170 5,5	5.5	225	0.095
1612298	VDE 2170 6,5	6.5	260	0.134

VDE 2160-2170 SCREWDRIVER SET

6 pieces



Code	No.	Contents	kg
1616048	VDE 2170-2160 PH 06	VDE 2170 3.5 4 5.5 6.5 VDE 2160 PH1 PH2	660

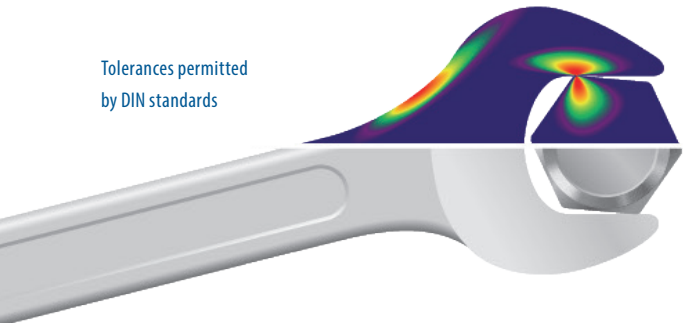
THE KEY TO SUCCESS

Hi-tech for the perfect size

Tolerances achieved
by GEDORE



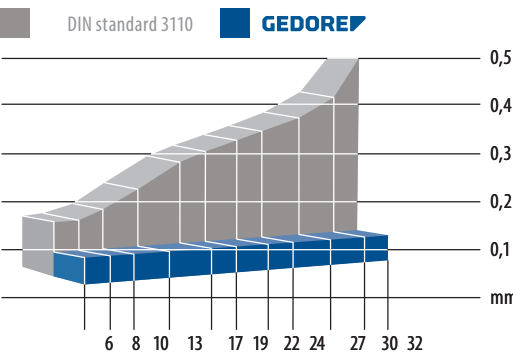
Tolerances permitted
by DIN standards



Your Advantage Your PLUS in safety

- > Precision dimensions ensure secure nut and bolt grip
- > Long life of nut and bolt
- > Complete transmission of available torque
- > Top quality for better safety

Open-ended spanners have been made since the dawn of technology. But the continued use of traditional tools does not mean that they are still manufactured by conventional production processes. Tried and tested production stages are subject to continuous development by our workforce. Where modern technology can improve the quality, it is used. GEDORE grinds the spanner jaws to the exact rated size, using a high-tech grinding machine. Perfect fit is the most important requirement for non-damaging and safe work.



THE PRODUCTION OF A SPANNER

From the tool blank to the final product.
Quality comes with existence - Step by Step.



1. High-Quality Steel 31CrV3

Highly-efficient eccentric presses cut the blank for an open-ended spanner from high-quality flat steel.



2. Hot Forging Process

In the pusher furnace, the blank is heated to the exact pre-selected temperature and enters the forge while still red hot. The steel is given its form under the multiton blows of a drop hammer.



3. Thermally Hardened

Using a special thermal treatment, achieves maximum hardness - and a guarantee of long service life.



4. Precisely Ground

The jaws of the spanners are given their exact dimensions only after the hardening process. For this purpose, a high-tech grinding robot has been developed especially for this operation.



5. Carefully Smoothed

Any corners and edges still remaining are smoothed off by vibratory grinding, until the heads and shaft are absolutely free of burrs. The heads are additionally ground.



6. Extensively Treated

The extensive electroplating gives the spanners an effective surface protection and a perfect appearance. During this process, an efficient recycling plant ensures that the environment will not be affected.

Combination Spanners

NO. 1 B - THE STRONG ALL-ROUNDER

- > According to DIN 3113 Form B, ISO 3318, ISO 7738.

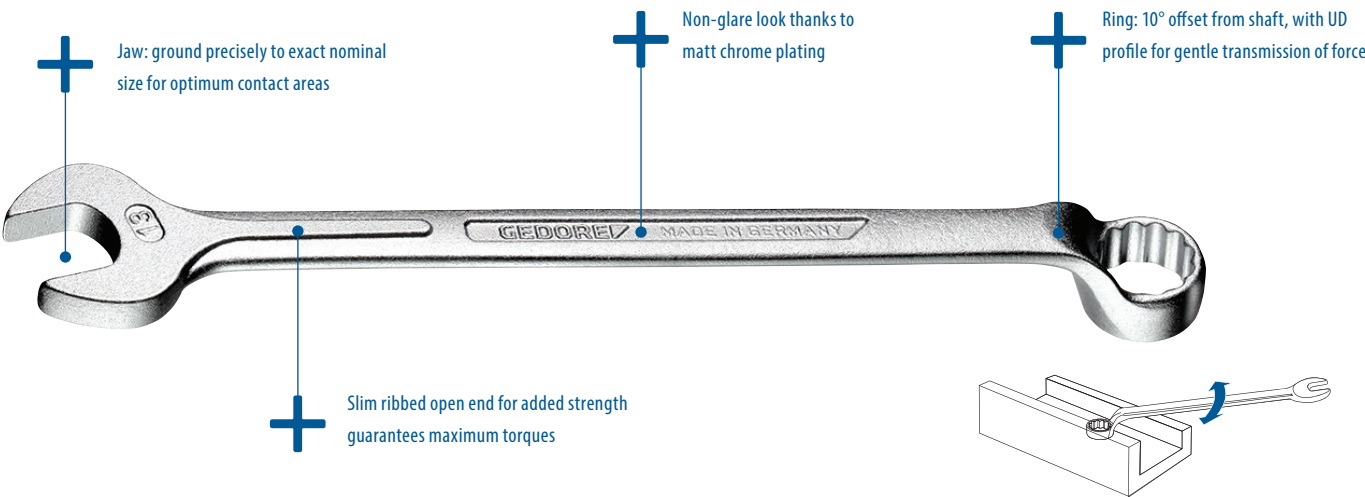
> Sizes 5 and 5.5mm with hexagon ring, up from size 6mm with UD profile.

> 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	Code	mm	mm	mm
600040	6	100	14	600180	19	258	190
600059	7	112	21	600199	20	270	220
600067	8	125	25	600202	21	280	250
600075	9	138	33	600210	22	292	300
600083	10	148	44	600229	23	305	335
600091	11	158	50	600237	24	318	370
600105	12	168	60	600245	25	328	410
600113	13	185	77	600253	26	340	450
600121	14	198	88	600261	27	352	500
600148	15	210	103	600288	28	370	560
600156	16	220	120	600296	29	370	570
600164	17	232	140	600318	30	390	645
600172	18	245	160	600326	32	412	780

1 B (AF)
COMBINATION SPANNERS

Code	AF	mm	mm	Code	AF	mm	mm
600512	1/4"	100	14	600628	13/16"	280	250
600520	5/16"	125	25	600636	7/8"	292	300
600539	3/8"	148	45	600644	15/16"	318	370
600547	7/16"	158	50	600652	1"	340	450
600555	1/2"	185	80	600660	1.1/16"	352	500
600563	9/16"	198	97	600679	1.1/8"	370	570
600571	5/8"	220	120	600881	1.3/16"	370	570
600598	11/16"	245	174	600687	1.1/4"	412	780
600601	3/4"	258	185				

3C-Screwdriver Sets

2150-2160 PH-06 MS
3C SCREWDRIVER SET

6 pieces

- > Practical set composition in environmentally-friendly cardboard box.

> For slotted and cross-head screws PH.

> 3-component handles.

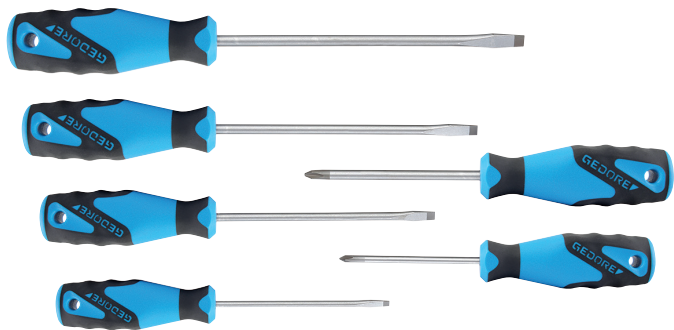
> Power-Grip³ with hanging hole.

> Ergonomic handle design enables precise and fatigue-free working.

> Positive-fit joint of handle and blade for optimum transmission of force.

> Type of drive marked at end of the handle.

> Blade from GEDORE Molybdenum-Vanadium-Plus tempered steel.



Code	No.	Contents	g
1482319	2150-2160 PH-06 MS	⊖ 2150 4 5.5 6.5 8 ⊕ 2160 PH1 PH2	0.660

2150-2160 PH-06 ELS
3C SCREWDRIVER SET

6 pieces

- > Practical set composition in environmentally-friendly cardboard box.

> For slotted and cross-head screws PH.

> 3-component handles.

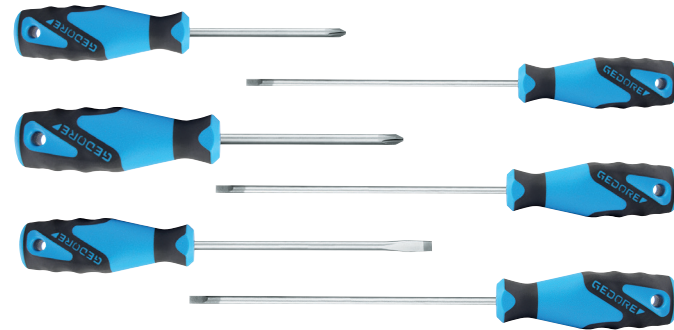
> Power-Grip³ with hanging hole.

> Ergonomic handle design enables precise and fatigue-free working.

> Positive-fit joint of handle and blade for optimum transmission of force.

> Type of drive marked at end of the handle.

> Blade from GEDORE Molybdenum-Vanadium-Plus tempered steel.



Code	No.	Contents	g
1482320	2150-2160 PH-06 ELS	⊖ 2150 6.5 3-150 4-150 6.5-200 ⊕ 2160 PH1 PH2	0.660

2163 TX
3C-TORX® SCREWDRIVER SET

10 pieces

- > Practical set composition in environmentally-friendly cardboard box.

> For recessed TORX® head screws.

> 3-component handles.

> Power-Grip³ with hanging hole.

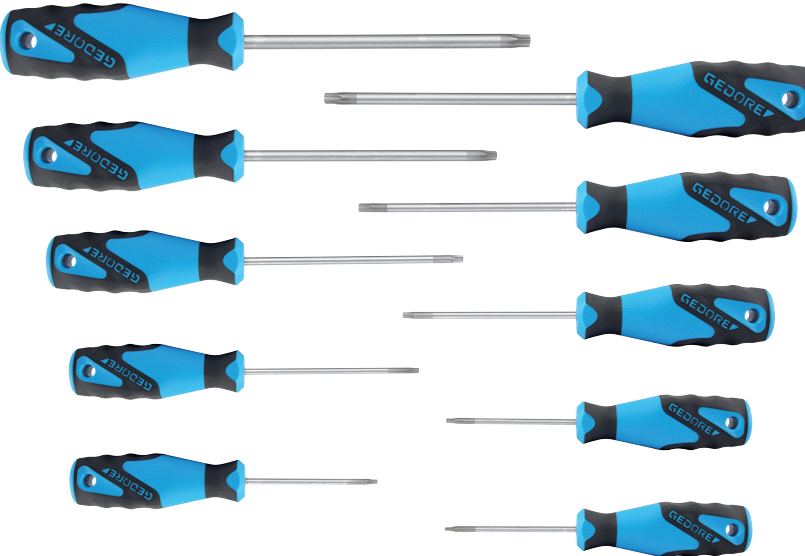
> Ergonomic handle design enables precise and fatigue-free working.

> Positive-fit joint of handle and blade for optimum transmission of force.

> Type of drive marked at end of the handle.

> Blade from GEDORE Molybdenum-Vanadium-Plus tempered steel.

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



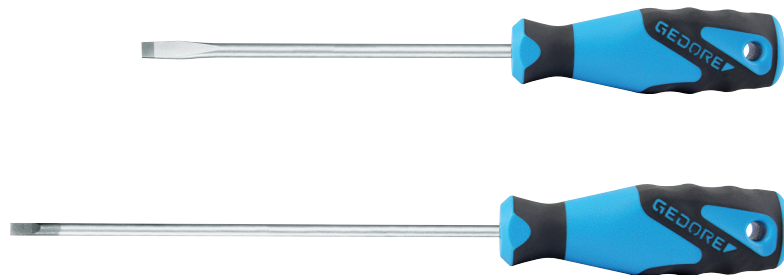
Code	No.	Contents	g
1482335	2163TX	⊕ 2163 T7 T8 T9 T10 T15 T20 T25 T27 T30 T40	0.740





3C-Screwdrivers





2150
3C SCREWDRIVERS

for slotted head screws, special lengths

- According to DIN ISO 2380-2.
- Blade tip according to DIN ISO 2380-1 Form A.
- 3-component handles.
- Power-Grip³ with hanging hole.
- Ergonomic handle design enables precise and fatigue-free working.
- Positive-fit joint of handle and blade for optimum transmission of force.
- Type of drive marked at end of the handle.
- Blade from Gedore Molybdenum-Vanadium-plus tempered steel.



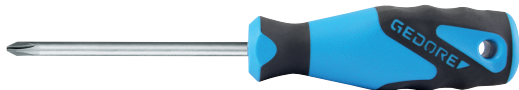
Code	No.				
6679350	2150 4	100	4.0	0.8	185
6679430	2150 5.5	100	5.5	1.0	200
6679510	2150 6.5	150	6.5	1.2	260
6679780	2150 8	150	8.0	1.2	270



Code	No.				
6680280	2150 3-150	150	3.0	0.5	235
6680360	2150 4-150	150	4.0	0.8	235
6680870	2150 6.5-200	200	6.5	1.2	310

2160 PH
3C SCREWDRIVERS

for cross-head screws PH

- According to DIN ISO 8764.
- Tip according to DIN ISO 8764-1 PH.
- 3-component handles.
- Power-Grip³ with hanging hole.
- Ergonomic handle design enables precise and fatigue-free working.
- Positive-fit joint of handle and blade for optimum transmission of force.
- Type of drive marked at end of the handle.
- Size 3 blade with hexagon bolster.
- Blade from Gedore Molybdenum-Vanadium-plus tempered steel.

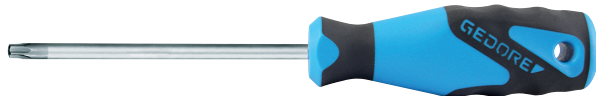






Code	No.			
6683380	2160 PH 1	M2-M3	200	1
6683460	2160 PH 2	M3,5-M5	210	2





2163 TX
3C-SCREWDRIVERS

for recessed TORX® head screws

- 3-component handles.
- Power-Grip³ with hanging hole.
- Ergonomic handle design enables precise and fatigue-free working.
- Positive-fit joint of handle and blade for optimum transmission of force.
- Type of drive marked at end of the handle.
- Blade from GEDORE Molybdenum-Vanadium-Plus tempered steel.
- TORX® = reg. trademark of Acument Intellectual Properties, LLC. USA.






Code	No.				
6685590	2163 TX T7	T7	M2,5	1,99	145
6685670	2163 TX T8	T8	M2,5	2,31	145
6685750	2163 TX T9	T9	M3	2,50	145
6685830	2163 TX T10	T10	M3 - M3,5	2,74	165
6685910	2163 TX T15	T15	M3,5 - M4	3,27	165

Code	No.				
6686050	2163 TX T20	T20	M4 - M5	3,86	185
6686130	2163 TX T25	T25	M4,5 - M5	4,43	200
6686210	2163 TX T27	T27	M4,5 - M6	4,99	215
6686480	2163 TX T30	T30	M6 - M7	5,52	225
6686560	2163 TX T40	T40	M7 - M8	6,65	240

1 B (MM) / 1 B (AF)
COMBINATION SPANNER SETS

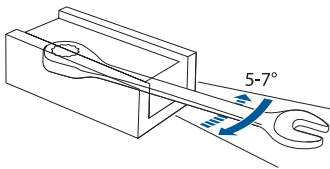
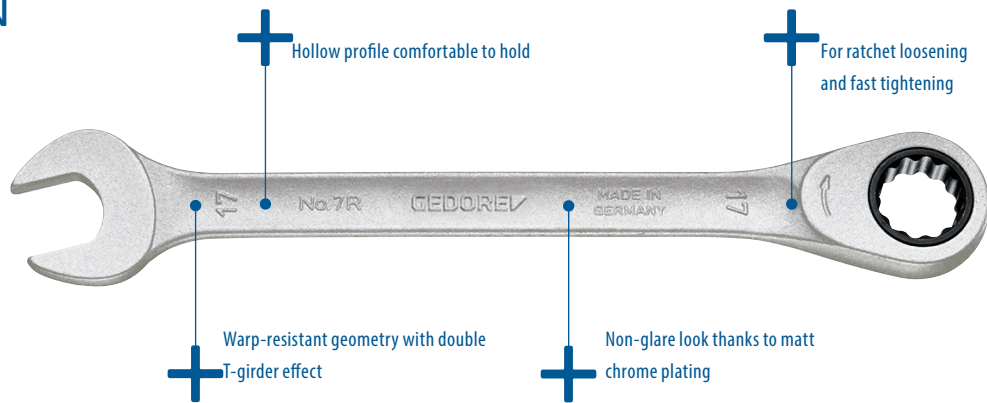


Code			Contents	
601200	1B-10M		10 11 12 13 14 15 16 17 18 19	2.100
601268TR	1B-17M	WITH TOOL ROLL	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	2.270
601276TR	1B-26M	WITH TOOL ROLL	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 32	6.740
601209	1B-017A		1/4" 5/16" 3/8" 7/16" 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









Combination Ratchet Spanners

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.



7 R
COMBINATION RATCHET SPANNERS

Code					Code				
2297051	8	7	140	32	2297167	18	6	237	197
2297078	9	7	150	42	2297175	19	6	250	202
2297086	10	7	160	54	2219433	21	6	274	262
2297094	11	7	164	63	2297191	22	6	292	319
2297108	12	7	170	69	2297205	24	6	325	520
2297116	13	7	180	88	2297213	27	6	359	590
2297124	14	7	190	101					
2297132	15	7	200	125					
2297140	16	6	212	137					
2297159	17	6	225	160					

Adjustable Wrenches

62
ADJUSTABLE WRENCHES

open end, phosphated

- Wider Jaw Opening increases useful range of fastener sizes.
- Non-Protruding on the movable jaw end. This allows a greater ease of use in tight spaces.
- Thicker Handle provides a comfortable fit making it easy to apply force.



Code	mm	mm	mm	mm	mm	kg
636800B	150*	20	150	0.155	636835B	300*
636819B	200*	25	200	0.250	636851C	450
636827B	250*	30	250	0.460		

Pipe Wrenches

227 - AMERICAN PATTERN



227
PIPE WRENCHES

American pattern

- For heavy duty applications.
- Drop forged hook, hardened and tempered from selected carbon steel.
- Jaw teeth induction hardened.
- Spheroidal graphite cast handle.
- Blue epoxy powder coated.
- In accordance with SANS 1028.



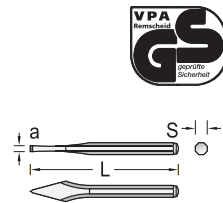
Code	No.	mm	mm	kg
645344	227/300	55	300	1180
645346	227/350	60	320	1625
645354	227/450	76	410	2780
645362	227/600	90	550	4190

Punches

98
CROSS-CUT CHISEL

octagonal

- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Carefully hardened and tempered along the full length
- Striking heads inductively tempered
- Working edge polished and clear varnished

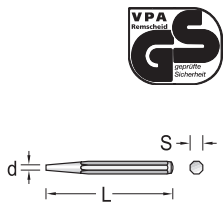


L	a	s	kg	Code	No.
125	5	10	0.066	8704630	98-125

99
DRIFT PUNCH

octagonal

- Acc. to DIN 6458
- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Carefully hardened and tempered along the full length
- Striking heads inductively tempered
- Working edge polished and clear varnished
- Special types or sizes on request
- * not standardised

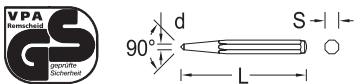


d	L	s	kg	Code	No.
1	120	10	0.060	8708700	99 10-1
2	120	10	0.061	8708970	99 10-2
3	120	10	0.063	8709190	99 10-3
3	120	12	0.088	8710950	99 12-3
4	120	12	0.086	8711170	99 12-4
5	120	12	0.091	8711330	99 12-5

100
CENTRE PUNCH

octagonal

- Acc. to DIN 7250
- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Carefully hardened and tempered along the full length
- Striking heads inductively tempered
- Working edge polished and clear varnished
- * not standardised

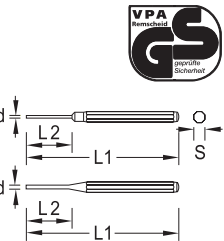


d	L	s	kg	Code	No.
4	120	10	0.063	8721050	100-10

119
PIN PUNCH

octagonal

- Acc. to DIN 6450
- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Carefully hardened and tempered along the full length
- Striking heads inductively tempered
- Working edge polished and clear varnished
- No. 119-175 with pilot
- Special types or sizes on request
- * not standardised



d	L ₁	L ₂	s	kg	Code	No.
3.0	150	40	10	0.071	8758800	119-3
4.0	150	50	10	0.061	8759020	119-4
5.0	150	50	10	0.068	8759290	119-5

d	L ₁	L ₂	s	kg	Code	No.
6.0	150	50	10	0.073	8759370	119-6
7.0	150	50	12	0.103	8759450	119-7
8.0	150	50	12	0.109	8759530	119-8

Hammers / Striking Tools

8601
BALL PEIN HAMMERS

- Drop forged.
- Striking faces induction hardened and precision ground
- Blue epoxy powder coated.
- In accordance with SANS 387.
- Hardwood handles.



Code	No.	l - mm	kg
676381	8601 / 100	280	0.160
676403	8601 / 200	310	0.320
676411	8601 / 300	325	0.420
676438	8601 / 500	370	0.610
676446	8601 / 700	375	0.840
676519	8601 / 900	400	1.140

106
CHISEL & PUNCH SET

6 pieces

- Made from Chrome Molybdenum Vanadium air hardened 45CrMoV7 steel.
- Hardened and tempered along the full length.
- Striking head induction tempered to prevent shattering.
- Working edge polished and clear varnished.
- Comes in a PVC stand.



Code	No.	Contents	kg
8725200	106	97 - 125 97 - 150 98 - 125 99 - 12-3 100 - 10 119 - 4	0.550

113
DRIFT PUNCH SET

6 pieces

- Made from Chrome Molybdenum Vanadium air hardened 45CrMoV7 steel.
- Hardened and tempered along the full length.
- Striking head induction tempered to prevent shattering.
- Working edge polished and clear varnished.
- Comes in a PVC stand.



Code	No.	Contents	kg
8753680	113	99 - 10-1 99 - 10-2 99 - 10-3 99 - 12-4 99 - 12-5 100 - 10	0.450

116
PIN PUNCH SET

6 pieces

- Made from Chrome Molybdenum Vanadium air hardened 45CrMoV7 steel.
- Hardened and tempered along the full length.
- Striking head induction tempered to prevent shattering.
- Working edge polished and clear varnished.
- Comes in a PVC stand.

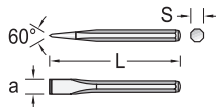


Code	No.	Contents	kg
8757670	116 A	119 - 3 119 - 4 119 - 5 119 - 6 119 - 7 119 - 8	0.510

97
FLAT COLD CHISEL

octagonal

- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Carefully hardened and tempered along the full length
- Striking heads inductively tempered
- Working edge polished and clear varnished



L	a	s	kg	Code	No.
125	12	10	0.069	8703820	97-125
150	16	12	0.130	8703900	97-150

(1/4") square drive

1/4"

Sets (1/4")

COMBINATION METRIC /
IMPERIAL SOCKET SET 1/4"

28 pieces



Code	No.	Ratchet + Coupler	Sockets	Accessories
6172460		Z-94 2093 Z-94	1/4" drive sockets 4 4,5 5 6 7 8 9 10 11 12 13 14 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	2087 Tommy bar + sliding T 2088 Flexible Extension 2090-2 Extension 2090-4 Extension 2095 Universal Joint 2098 Driving Handle Foam Insert Plastic Case

METRIC
SOCKET & BIT SET 1/4"

35 pieces



THE IMAGE SHOWN IS FOR ILLUSTRATION PURPOSES ONLY. ACTUAL CONTENT MAY VARY.

Code	No.	Ratchet + Coupler	Sockets	Accessories
6172465		Z-94 2093 Z-94	1/4" drive sockets 4 4.5 5 6 7 8 9 10 11 12 13 14mm 3/16 7/32 1/4 9/32 5/16 11/32 3/8 7/16 1/2 Torx T8 T10 T15 T20 T25 T27 T30 T40 Screwdriver bits IS20 4 5.5 6.5 7 Screwdriver sockets IKS20 PH0 PH1 PH2 PH3	2087 Tommy bar + sliding T 2088 Flexible Extension 2090-2 Extension 2090-4 Extension 2095 Universal Joint 2098 Driving Handle Foam Insert Plastic Case

Ratchets (1/4")

2093 U-10
REVERSIBLE RATCHET 1/4"

- Particularly for the demanding use experienced in industry and with utility vehicles.
- According to DIN 3122, ISO 3315.
- With recessed lever change, locks in middle position.
- Return angle of five degrees.
- Non-slip 2-component handle with hanging hole.
- For hand-operated sockets and accessories with square drive as per DIN 3120 - C 6.3, ISO 1174.
- Ball locking device.
- Gedore vanadium steel 31CrV3, chrome plated.



Code	No.	mm	1/4"	°	mm	g
6180470	2093 U-10	1/4	6.3	15	129	0.109

2093 Z-94
RATCHET HANDLE WITH
COUPLER 1/4"

- Used throughout industry and the automotive world.
- According to DIN 3122, ISO 3315.
- With square coupler, medium-fine toothed, extremely rugged.
- Return angle of eighteen degrees.
- For hand-operated sockets and accessories with square drive as per DIN 3120 - C 6.3, ISO 1174.
- Ball locking device.
- Gedore vanadium steel 31CrV3, chrome plated.



Code	No.	mm	1/4"	°	mm	g
6170750	2093 Z-94	1/4	6.3	18	129	0.076

Sockets 6.3 (1/4")

20 (MM)
SOCKET 1/4"

hexagon

- Acc. to DIN 3124, ISO 2725-1
- Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retaining groove
- Hand-operated, knurled grip
- GEDORE vanadium steel 31CrV3, polished, chrome-plated



mm	L	d ₁	d ₂	t	g	Code	No.
4.0	25	6.9	12.0	2.0	0.009	6165400	20 4
4.5	25	7.5	12.0	2.3	0.010	6165590	20 4,5
5.0	25	8.2	12.0	2.5	0.010	6165670	20 5
5.5	25	8.8	12.0	3.0	0.010	6165750	20 5,5
6.0	25	9.4	12.0	3.5	0.010	6165830	20 6
7.0	25	11.0	12.0	4.0	0.011	6165910	20 7
8.0	25	12.0	12.0	5.0	0.014	6166050	20 8
9.0	25	13.0	13.0	5.0	0.016	6166130	20 9
10.0	25	14.7	14.7	6.0	0.018	6166210	20 10
11.0	25	16.0	16.0	7.0	0.025	6166480	20 11
12.0	25	17.0	17.0	8.0	0.029	6166560	20 12
13.0	25	18.5	18.5	8.0	0.030	6166640	20 13
14.0	25	19.7	19.7	10.0	0.037	6166720	20 14

20 (AF)
SOCKET 1/4"

hexagon

- Square drive as per DIN 3120 - C 6.3, ISO 1174, with ball retaining groove
- Hand-operated, knurled grip
- GEDORE vanadium steel 31CrV3, polished, chrome-plated

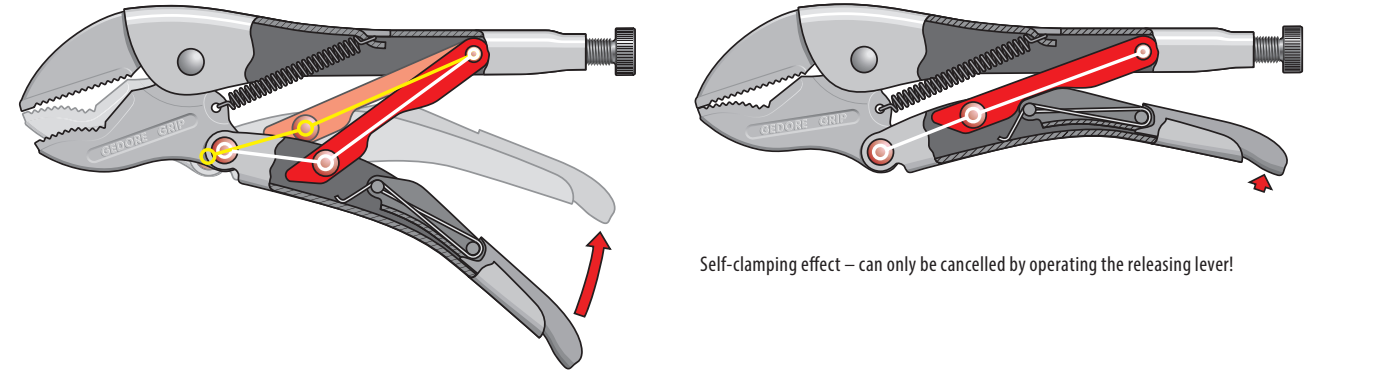


"AF"	L	d ₁	d ₂	t	g	Code	No.
3/16	25	7.8	12.0	2.5	0.009	6167020	20 3/16AF
7/32	25	8.8	12.0	3.0	0.009	6167100	20 7/32AF
1/4	25	9.8	12.0	3.5	0.025	6167290	20 1/4AF
9/32	25	11.0	12.0	4.0	0.010	6167370	20 9/32AF
5/16	25	12.0	12.0	5.0	0.013	6167450	20 5/16AF
11/32	25	13.0	13.0	5.0	0.015	6167530	20 11/32AF
3/8	25	14.0	14.0	6.0	0.018	6167610	20 3/8AF
7/16	25	16.0	16.0	7.0	0.023	6167880	20 7/16AF
1/2	25	18.0	18.0	8.0	0.029	6167960	20 1/2AF
9/16	25	20.0	20.0	10.0	0.036	6161840	20 9/16AF

Grip Wrenches

THE TOGGLE LEVER - A GIANT AMONG THE JOINTS

- Similar in construction to the human leg and consisting of hip, knee and ankle joints
- The knee joint's intelligent power management is its unbeatable advantage:
- Clever utilization of the physical lever laws *)
- Rapid and powerful even with a reduced operating force
- Ideal for optimum pressure and clamping operations
- Maximum pressing/clamping force with knee lever extended – even with automatic locking effect i.e. self-clamping effect (e.g. with grip pliers) relieved by operating the releasing lever
- Constant high quality of work



*) Considerable paths are rapidly bridged involving little hand power. Just before "stretching", a short path is covered with an exceptional lever force. That is why it is used everywhere where considerable paths need to be initially covered without any noticeable force used and where the real "work" needs to be done over the last few millimetres. This is the case, for instance, with bolt cutters and crimping/grip pliers.

Grip Wrenches

137
GRIP WRENCHES

- For secure clamping, gripping and holding.
- Chrome Vanadium steel 31CrV3.
- Nickel plated.
- Jaws hardened to 50HRC. Three-point shaped bottom jaw, upper jaw with wire groove.
- With adjusting screw and release lever with moulded plastic grip.
- Safe release.



Code	No.	mm	mm	g
640662	137 / 175	25	185	293
640670	137 / 250	32	230	546

8380
TOWER PINCERS

- Heavy-duty wire braid and mesh-cutting pincers.
- According to DIN ISO 9242, Form A.
- Induction hardened precision cutting edges, hardness 61-63 HRC.
- For medium-hard wire, 1.6 mm.
- Heads ground, steel-grey, with blue dipped non-slip handles (TL).
- Geometrically optimised head and handle areas for ergonomic use.
- In high quality tool steel.



Code	No.	mm	g
6752100	8380 - 250 TL	250	400

Universal Pliers

142
UNIVERSAL PLIERS

- According to DIN ISO 8976 Form C.
- With safety box joint and protection against blocking.
- Fine adjustment.
- 142 10 = 15 settings.
- Single-hand adjustment for safe clamping.
- Slender pliers head for places that are hard to access.
- Long slim jaws.
- Offset gripping faces for self-gripping – no slipping off.
- Gedore special Chrome Vanadium steel.
- Induction rehardened serrated faces.
- Model JC = chrome-plated, with 2-component handles
- Chrome Vanadium special steel.



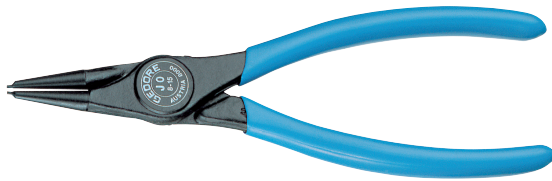
Code	No.	mm	mm	g
6416340	142 10 JC	38	260	0.417

Circlip pliers for internal retaining rings (bores)

8000 J 0 - J 4 - STRAIGHT
CIRCLIP PLIERS FOR
INTERNAL RETAINING RINGS

Form C

- For retaining rings as per DIN 472, DIN 984.
- DIN 5256 Form C.
- Straight tips.
- Forged Gedore Chrome Vanadium special hardened and tempered steel.
- Precision machined, oil hardened and annealed.
- Black, with blue dipped handles.

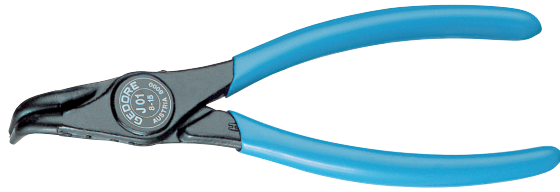


Code	No.	inch	mm	
6703400	8000 J 2	3/4-2.3/8	19-60	164

8000 J 01 - J 41 - BENT
CIRCLIP PLIERS FOR
INTERNAL RETAINING RINGS

Form D

- For retaining rings as per DIN 472, DIN 984
- DIN 5256 Form D.
- 90° angled tips.
- Forged Gedore Chrome Vanadium special hardened and tempered steel.
- Precision machined, oil hardened and annealed.
- Black, with blue dipped handles.



Code	No.	inch	mm	
6704480	8000 J 21	3/4-2.3/8	19-60	161

Circlip Pliers Assortment

S 8000
SET OF CIRCLIP PLIERS

4 pieces

- Most popular sizes, packed in environmentally friendly cardboard box.
- Particularly suitable for barely accessible places.
- For internal and external circlip rings.
- With straight and 90° angled tips.



Code	No.	Contents	
6701030	S 8000	External: 8000-A2 Straight 8000-A21 Angled Internal: 8000-J2 Straight 8000-J21 Angled	756

Accessories (1/4")

2098
DRIVING HANDLE 1/4"

- According to DIN 3122, ISO 3315.
- For hand-operated sockets with square drive as per DIN 3120, ISO 1174
- Ball locking device



Code	No.	inch	mm	mm	g
6171480	2098	1/4	6.3	140	0.070

2087
SLIDING T-BAR 1/4"

- For manually operated sockets and accessories with 1/4" square drive.
- ChromeVanadium steel 31CrV3.
- In accordance with SANS 1113 and DIN 3123.



Code	No.	inch	mm	mm	g
6170160	2087	1/4	6.3	115	0.039

2097
SWIVEL HANDLE 1/4"

- For manually operated sockets and accessories with 1/4" square drive.
- Chrome Vanadium steel 31CrV3.
- In accordance with SANS 1113 and DIN 3122.



Code	No.	inch	mm	mm	g
6171050	2097	1/4	6.3	146	0.094

2090
EXTENSIONS 1/4"

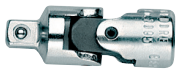
- For manually operated sockets and accessories with 1/4" square drive.
- ChromeVanadium steel 31CrV3.
- In accordance with SANS 1113 and DIN 3123.



Code	No.	inch	mm	mm	g
6170320	2090-2	1/4	6.3	55	0.025
6170400	2090-4	1/4	6.3	97	0.041

2095
UNIVERSAL JOINT 1/4"

- For manually operated sockets and accessories with 1/4" square drive.
- ChromeVanadium steel 31CrV3.
- In accordance with SANS 1113 and DIN 3123.



Code	No.	inch	mm	mm	g
6170910	2095	1/4	6.3	38	0.026

2030
CONVERTER 1/4" TO 3/8"

- For manually operated sockets and accessories with 1/4" square drive.
- ChromeVanadium steel 31CrV3.
- In accordance with SANS 1113 and DIN 3123.



Code	No.	inch	mm	inch	mm	mm	g
6170080	2030	1/4	6.3	3/8	10	26	0.020

(3/8") Square Drive

Sets (3/8")

COMBINATION METRIC / IMPERIAL
SOCKET SET 3/8"

36 pieces



Code	No.	Ratchet	Sockets	Accessories	
623968		● Z-94 3093 Z94	3/8" drive socket 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22mm 1/4 9/32 5/16 11/32 3/8 7/16 1/2 9/16 19/32 5/8 11/16 3/4 25/32 13/16 7/8	3087 sliding T bar 3090 125mm Extension 3090 250mm Extension Plastic Insert Metal Case	2.75

Ratchets 10 (3/8")

3093 U-10
REVERSIBLE RATCHET 3/8"

- › Particularly for the demanding use experienced in industry and with utility vehicles
- › Acc. to DIN 3122, ISO 3315
- › With recessed lever change
- › Locks in the middle position: When the lever is flipped, it automatically engages for clockwise or counterclockwise operation
- › Push-button release
- › Return angle 11.25 degrees
- › Non-slip 2-component handle with hanging hole
- › For hand-operated sockets and accessories with square drive as per DIN 3120 - C 10, ISO 1174, ball locking device
- › GEDORE vanadium steel 31CrV3, chrome-plated



	"		°	mm	mm	kg	Code	No.
3/8	10	11,25	200	30.2	0.254		6236950	3093 U-10

3093 Z-94
RATCHET HANDLE
WITH COUPLER 3/8"

- › For manually operated sockets and accessories with 3/8" square drive.
- › Chrome Vanadium steel 31CrV3.
- › With non-slip metal disc change, fine-toothed (72 teeth) and robust.
- › Return angle of ten degrees.
- › In accordance with SANS 1113 and DIN 3122.



	"		°	mm	mm	kg	Code	No.
3/8	10	10	200	0.223			6237680	3093 Z-94

S 8303
PLIERS SET

3 pieces



Code	No.	Contents	
6703160	S 8303 JC	142 10 JC Universal Pliers 8250-180 JC Combination Pliers 8316-160 JC Side Cutters	1005

Pliers sets

- › Produced in-house by GedoreAustria.
- › Combination, flat-nosed, round-nosed and mechanic's pliers made from Gedore special hardened and tempered steel.
- › Side cutters and end cutting nippers made from GEDORE high-performance hardened and tempered steel.
- › Chrome-plated, 2-component handle protectors.
- › Hot-forged tempered steel.
- › Precision-machined, oil-hardened and annealed.

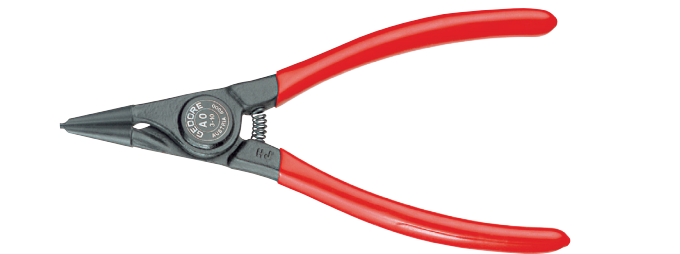
- › Induction-rehardened cutting edges.
- › Protective nickel and chrome plating.
- › Optimum transfer of force.
- › High cutting performance.
- › Fatigue-free, even in constant use.
- › Guaranteed GEDORE quality.

Circlip pliers for external retaining rings (shafts)

8000 A 0 - A 4 - STRAIGHT
CIRCLIP PLIERS FOR EXTERNAL
RETAINING RINGS

Form A

- › For retaining rings as per DIN 471, DIN 983.
- › DIN 5254 Form A.
- › Straight tips.
- › With opening spring .
- › With clamping protection.
- › Forged Gedore Chrome Vanadium special hardened and tempered steel.
- › Precision machined, oil hardened and annealed.
- › Black, with red dipped handles.

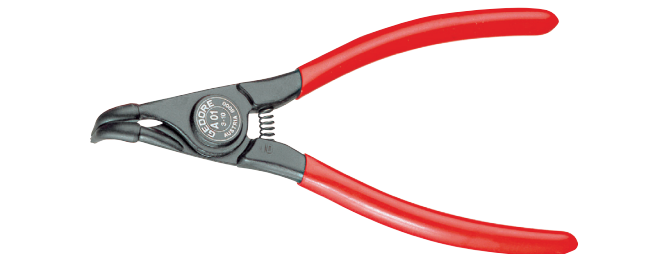


Code	No.	"	mm	
6701540	8000 A 2	3/4-2.3/8	19-60	186

8000 A 01 - A 41 - BENT
CIRCLIP PLIERS FOR
EXTERNAL RETAINING RINGS

Form B

- › For retaining rings as per DIN 471, DIN 983.
- › DIN 5254 Form B.
- › 90° angled tips.
- › With opening spring.
- › With clamping protection.
- › Forged Gedore Chrome Vanadium special hardened and tempered steel.
- › Precision machined, oil hardened and annealed.
- › Black, with red dipped handles.



Code	No.	"	mm	
6702430	8000 A 21	3/4-2.3/8	19-60	182

Side Cutters / Pincers

8316 POWER SIDE CUTTER

Inductively hardened cutting edges (63 - 65 HRC) ensure constant cutting power over a long time span.

Maximum cutting performance with a low level of effort expended due to an optimum interaction of cutting geometry, eccentric rivet bearing and ergonomic handle design.





8316
POWER SIDE CUTTERS

American pattern

- › According to DIN ISO 5749.
- › Good lever action for easy cutting.
- › For hard wire/piano wire.
- › Maximum cutting capacity Ø 1.4 - 2.0mm.
- › Gedore special hardened and tempered steel, drop-forged, oil-hardened and annealed.
- › JC = chrome plated, with 2-component handles.
- › TL = steel-grey, with blue dipped non-slip handles.

Code	No.	Ø	↳ mm ↳	⚖
6745080	8316 - 200 JC	2,0	200	305

S 8003 JC
PLIERS SET

3 pieces

- › Practical set in environmentally friendly cardboard box.

Code	No.	Contents	⚖
6701110	S 8003 JC	8132-200 JC Telephone Pliers 8250-200 JC Combination Pliers 8316-200 JC Side Cutters	1025

Sockets (3/8")

D 30 (MM)
SOCKETS 3/8"

bi-hexagon UD profile

- › Manually operated sockets with thin walls and knurled base.
- › Chrome Vanadium steel 31CrV3.
- › Chrome plated and polished.
- › In accordance with SANS 1113 and DIN 3124.

*Hexagon

Code	Ø mm	↳ mm ↳	⚖	Code	Ø mm	↳ mm ↳	⚖
6230160	No.30 6mm*	28	0.025	6231050	D30 15mm	30	0.040
6230240	No.30 7mm*	28	0.024	6231130	D30 16mm	30	0.046
6230320	No.30 8mm*	28	0.024	6231210	D30 17mm	30	0.056
6230400	No.30 9mm*	28	0.027	6231480	D30 18mm	30	0.058
6230590	No.30 10mm*	28	0.029	6231560	D30 19mm	30	0.066
6230670	D30 11mm	28	0.029	6231640	D30 20mm	30	0.066
6230750	D30 12mm	28	0.033	6231720	D30 21mm	30	0.078
6230830	D30 13mm	28	0.038	6231800	D30 22mm	31	0.088
6230910	D30 14mm	28	0.039				

D 30 (AF)
SOCKETS 3/8"

bi-hexagon UD profile

- › Manually operated sockets with thin walls and knurled base.
- › Chrome Vanadium steel 31CrV3.
- › Chrome plated and polished.
- › In accordance with SANS 1113 and DIN 3124.

*Hexagon

Code	Ø mm	↳ mm ↳	⚖	Code	Ø mm	↳ mm ↳	⚖
2016613	D30 1/4AF	28	0.025	6233180	D30 19/32AF	30	0.041
2101009	D30 9/32AF	28	0.024	6233260	D30 5/8AF	30	0.046
1997122	D30 5/16AF	28	0.024	6233340	D30 11/16AF	30	0.056
2101017	D30 11/32AF	28	0.026	6233420	D30 3/4AF	30	0.065
1997130	D30 3/8AF	28	0.032	1997157	D30 25/32AF	30	0.070
6232610	D30 7/16AF	28	0.028	1997165	D30 13/16AF	30	0.074
6232880	D30 1/2AF	28	0.038	6232020	D30 7/8AF	31	0.083
6232960	D30 9/16AF	28	0.035				

Accessories (3/8")

3087
SLIDING T-BAR 3/8"

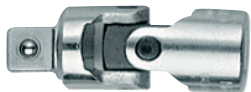
- For manually operated sockets and accessories with 3/8" square drive.
- Chrome Vanadium steel 31CrV3.
- In accordance with SANS 1113 and DIN 3122.



Code	No.	3/8"	10	163	0.128
6236520	3087				

3095
UNIVERSAL JOINT 3/8"

- For manually operated sockets and accessories with 3/8" square drive.
- CHROME VANADIUM steel – 59CrV4.
- In accordance with SANS 1113 and DIN 3122.



Code	No.	3/8"	10	3/8"	10	54	0.053
6238140	3095						

3019
CONVERTER 3/8" TO 1/2"

- For manually operated sockets and accessories with 3/8" square drive.
- CHROME VANADIUM steel – 59CrV4.
- In accordance with SANS 1113 and DIN 3122.



Code	No.	1/2	12,5	3/8	10	36	0.057
6236010	3019						

3090
EXTENSIONS 3/8"

- For manually operated sockets and accessories with 3/8" square drive.
- Chrome Vanadium steel 31CrV3.
- In accordance with SANS 1113 and DIN 3122.



Code	No.	3/8"	10	75	0.071
6236600	3090/ 75				
6236790	3090/125				

3096
SWIVEL HANDLE 3/8"

- For manually operated sockets and accessories with 3/8" square drive.
- Chrome Vanadium steel 31CrV3.
- In accordance with SANS 1113 and DIN 3122.



Code	No.	3/8"	10	250	0.171
6238220	3096				

3020
REDUCER 3/8" TO 1/4"

- For manually operated sockets and accessories with 3/8" square drive.
- Chrome Vanadium steel 31CrV3.
- In accordance with SANS 1113 and DIN 3122.



Code	No.	1/4	6,3	3/8	10	28	0.026
6236280	3020						

Combination Pliers

8250 POWER COMBINATION PLIERS



➤ Identifies the GEDORE Power Pliers range, offering increased cutting and gripping force with up to 35% less effort.

Inductively hardened cutting edges (62 - 64 HRC) ensure constant cutting power over a long time span.

High-grade 2-component handles with finger protection enable work to be done ergonomically and to the exclusion of tiredness.



Gripping surface with file-cut for a particularly effective hold

Roughly toothed gripping surfaces for securely holding screws, pipes etc.

Maximum cutting performance yet with a low level of effort expended thanks to an optimum interaction of cutting geometry, eccentric rivet bearing and ergonomic handle design.

8250
POWER COMBINATION PLIERS

- According to DIN ISO 5746.
- For heavy continuous use.
- Good lever action for easy cutting.
- For flat and round material.
- To cut all wire types including piano wire, 1.6 mm.
- Gedore special hardened and tempered steel, drop-forged, oil-hardened and annealed.
- JC = chrome plated, with 2-component handles.
- TL = steel-grey, with blue dipped non-slip handles.



Code	No.	200	320
6707310	8250 - 200 JC		

Flat Nose / Round Nose Pliers

8132
TELEPHONE PLIERS

with cutting edge, serrated, straight pattern

- According to DIN ISO 5745.
- Long, flat-round jaws, straight gripping faces, serrated.
- For holding, gripping, bending and cutting.
- Induction hardened precision cutting edges, hardness 61-63 HRC.
- Gedore special hardened and tempered steel, drop-forged, oil-hardened and annealed.
- JC = chrome plated, with 2-component handles.



Code	No.	200	200
6719670	8132 - 200 JC		

MANUFACTURING PROCESS FOR 8250 COMBINATION PLIERS



1
Blank cropped to size from C50 hardened and tempered steel.



2
Hot forged in the double forging die. The excess burr is removed under an eccentric press.



3
The blanks are "normalised" to obtain an even finer-grain, more uniform structure with optimum strength. After descaling, the blanks are calibrated for the following work steps.



4
The head is machined in a CNC-controlled machining centre. The rivet hole is drilled and counter-bored. The joint clearance and the outer contour are milled. The geometry of the joint area and the coarse and fine toothing are broached.



5
The joint faces are precision milled. The pliers head takes on its final form.



6
The moving and fixed pliers legs are riveted together. A smooth-moving joint with no play is the essential requirement for safe one-handed operation.



7
In a chamber hardening kiln, the pliers are hardened in a protective gas atmosphere, quenched in oil and finally annealed. The design of the hardening kiln ensures that the process gases are uniformly distributed, which has a positive effect on the desired material properties.



8
The cutting edges of GEDORE pliers are once again induction hardened. The additional hardness that this achieves ensures a good cutting performance and a long life between sharpening.



9
The pliers head is ground to achieve a flush geometry.



10
The surface is cleaned by sand blasting. The removal of scale and grease is necessary for the follow-on electroplating process.



11
Nickel-plated and matt-chrome-plated to prevent dazzle. The electrolytically deposited nickel coating provides the corrosion protection. The electroplated chrome improves the look and gives the pliers a perfect finish.



12
TL pliers are painted black by a robot, using water soluble paint.



13
The 2-component handles are pressed on and bonded.



14
The plastic coating on the handles is built up by multiple dipping in liquid immersion compound.

The complete range:
form and function perfection

- > Extremely wide selection in sizes, finish and grip designs for specialists and non-specialists alike
- > Model JC = chrome-plated, 2-component handle protectors
- > Model TL = black with blue dipped handle protector
- > Available individually or in practical sets, in the module or in assortments

(1/2") square drive

Sets (1/2")

COMBINATION METRIC / IMPERIAL SOCKET SET 1/2"

39 pieces

- > Manually operated 1/2" sockets and accessories.
- > Supplied in blue powder coated, D19 Y steel box.
- > Dimensions: 526x190x52mm.



Code	No.	Reversible Ratchet	Sockets	Accessories	
615298		☉ Z-94 1993 Z-94	1/2 Sockets 10 11 12 13 14 15 16 17 18 19 21 22 23 24 26 27 30 32mm 3/8 7/16 1/2 9/16 5/8 11/16 1.1/16 1.1/8 1.3/16 1.1/4	1987 Sliding T bar 1990-125mm Extension 1990-250mm Extension 1995 Universal Joint 50/20.8mm Spark Plug Socket	7.39

IN19 PM-10

SOCKET SETS 1/2"

11 pieces

- > Manually operated 1/2" allen key sockets.
- > Supplied in black matt-finish insert.



Code	No.	Sockets	
617415	PM-10	IN19 5 6 7 8 9 10 12 14 17 19	

ITX19


TORX® SOCKET SETS 1/2"

9 pieces

- > Manually operated 1/2" sockets.
- > Supplied in blue powder coated Ref D30 K steel box.
- > Dimensions: 281x77x37mm.
- > Also available in a blister pack.



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

Code	No.	Sockets	
665983	MT	ITX19 T20 T25 T27 T30 T40 T45 T50	

TX19


SOCKET SETS 1/2"

10 pieces

- > Manually operated 1/2" sockets.
- > Supplied in blue powder coated, D30 K steel box.
- > Dimensions: 281x77x37mm.
- > Also available in a blister pack.



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

Code	No.	Sockets	
665991	FT	TX19 E10 E11 E12 E14 E16 E18 E20 E24	

1/2"
mm

1/2"
mm

1/2"
mm

Torque Wrench

3550 UK LS-3

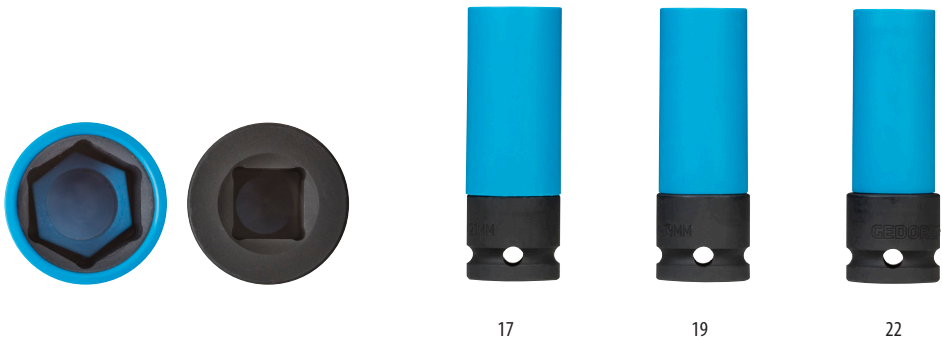
3550-UK-LS 3


TORQUE WRENCH

1/2"



- > Ideal for fitment centres and automotive workshops.
- > Torque wrench with integrated lever-ratchet-head, range from 40 to 200 N-m.
- > Working accuracy: +/- 3% tolerance of scale set torque.
- > Delivery includes SANAS calibration certificate to DIN EN ISO 6789, traceable to national standards.
- > All GEDORE torque wrenches come with a FREE annual calibration service.



Code	No.	Nm	
3014398	3550-UK-LS 3	40-200	

Accessories (3/4")

3296
SWIVEL HANDLE 3/4"

- > For manually operated sockets and accessories with 3/4" square drive.
- > Chrome Vanadium steel 31CrV3.
- > In accordance with SANS 1113 and DIN 3122.



Code	No.	■"	■	↳ mm ↳	⚖
627925	3296	3/4	20	547	1.90

3287
SLIDING T BARS 3/4"

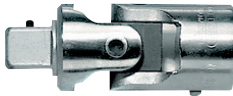
- > For manually operated sockets and accessories with 3/4" square drive.
- > Chrome Vanadium steel 31CrV3.
- > In accordance with SANS 1113 and DIN 3122.



Code	No.	■"	■	↳ mm ↳	⚖
627836	3287	3/4	20	500	0.118
627941	3287/447	3/4	20	447	0.107

3295
UNIVERSAL JOINT 3/4"

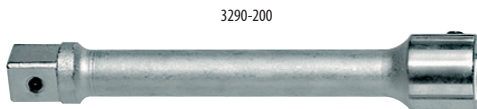
- > For manually operated sockets and accessories with 3/4" square drive.
- > Chrome Vanadium steel 31CrV3.
- > In accordance with SANS 1113 and DIN 3123.



Code	No.	■"	■	□"	□	↳ mm ↳	⚖
017170	3295	3/4	20	3/4	20	105	0.580

3290
EXTENSIONS 3/4"

- > For manually operated sockets and accessories with 3/4" square drive.
- > Chrome Vanadium steel 31CrV3.
- > In accordance with SANS 1113 and DIN 3122.



Code	No.	■"	■	↳ mm ↳	⚖
627844	3290/200	3/4	20	200	0.555
627852	3290/400	3/4	20	400	1.058

3219
REDUCER 3/4" TO 1/2"

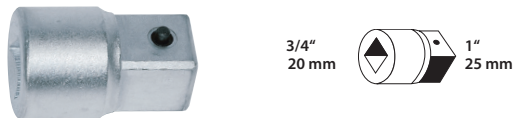
- > For manually operated sockets and accessories with 3/4" square drive.
- > Chrome Vanadium steel 31CrV3.
- > In accordance with SANS 1113 and DIN 3122.



Code	No.	■"	■	□"	□	↳ mm ↳	⚖
017100	3219	1/2	12,5	3/4	20	56	0.160

3221
CONVERTER 3/4" TO 1"

- > For manually operated sockets and accessories with 3/4" square drive.
- > Chrome Vanadium steel 31CrV3.
- > In accordance with SANS 1113 and DIN 3122.



Code	No.	■"	■	□"	□	↳ mm ↳	⚖
627828	3221	1	25	3/4	20	60	0.338

Ratchets (1/2")

1993 U-10 T
REVERSIBLE RATCHET 1/2"

- > For manually operated sockets and accessories with 1/2" square drive.
- > In accordance with SANS 1113 and DIN 3122.
- > With recessed lever change.
- > Push-button release.
- > Return angle of seven and a half degrees.
- > Non-slip 2-component handle.
- > Locks in the middle position: When the lever is flipped, it automatically engages for clockwise or anti-clockwise operation.
- > Chrome Vanadium steel 31CrV3.
- > Ball locking device.



Code	No.	■"	■	↙°	↳ mm ↳
614262	1993U-10T	1/2	12.5	7,5	270



1993 Z-94
RATCHET HANDLE WITH
COUPLER 1/2"

- > For manually operated sockets and accessories with 1/2" square drive.
- > With square coupler, medium-fine toothed, extremely rugged
- > Return angle of seven and a half degrees.
- > Reversible ratchet.
- > Non-slip 2-component handle
- > In accordance with SANS 1113 and DIN 3122.
- > Chrome Vanadium steel 31CrV3.



Code	No.	■"	■	↙°	↳ mm ↳	⚖
614459	1993Z-94	1/2	12.5	7,5	270	0.430



MANUFACTURING
PROCESS FOR SOCKETS

1
Blank cropped to size from 31CrV3

2
Hot forged in the forging press.

3
Accurately cropped to size.

4
Outside diameter turned and knurled. For this step and the next, GEDORE uses high-tech machinery from its in-house mechanical engineering department.

5
Counterbored, square socket drive is fluted (ball-stop flute), manufacturer and socket size are permanently stamped.

6
Degreased, since grease would destroy the protective gas atmosphere in hardening.

7
Hardened under protective gas atmosphere, followed by annealing.

8
Sand blasted in preparation for surface coating.

9
Nickel-plated and matt-chrome-plated to prevent dazzle. The electrolytically applied nickel coating ensures corrosion protection. The electroplated chrome improves the look and gives the socket a perfect finish.

Pro GEDORE

- Use of high alloy 31CrV3 steel
- Heat formed sockets which have a wear resistant, fine-grained structure and have a long service life
- Narrow production tolerances ensure an ideal load transmission and low wear and guarantee a long service life
- Distinctive ball catch ensure secure fit on the square drive

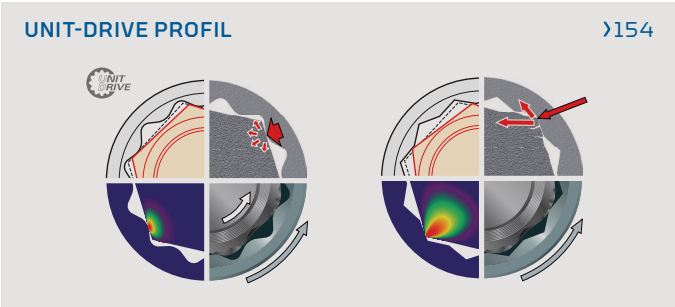
- Good grip due to deep knurling even when held with oily hands or when working with protective gloves
- Good look due to chrome plating and varnishing
- Broad range in all sizes, drive and drive-side and for a wide range of screw types. One of the most diverse ranges in the market.

(*) Not applicable to 1/4" hexagonal sockets

Like all hot-forged tools, GEDORE sockets (*) are characterised by their homogeneous structure. The fibres run in parallel with the contour of the tool. The uninterrupted fibre orientation prevents residual stresses in the structure. In cold-forged tools, the fibres or lines of stress may deviate. Fibre orientation is equally important in nature.

For example, in a tree, the soft fibre orientation is parallel to the branch, so the wood is resistant to bending and twisting. If fibres become kinked, the branch loses its stability at the kink point and breaks. The low-stress GEDORE sockets withstand suddenly occurring peak forces better than cold formed sockets.

(*) Not applicable to 1/4" hexagonal sockets



Ratchets (3/4")

3293 U-1
REVERSIBLE RATCHETS WITH LEVER CONTROL 3/4"

- For manually operated sockets and accessories with 3/4" square drive.
- Chrome Vanadium steel 31CrV3.
- In accordance with SANS 1113 and DIN 3122.
- With lever control and detachable handle.



Code	No.	mm	mm	°	mm	kg
627798	3293 U-1	3/4	20	11,25	500	2.59

3293 Z-94
RATCHET HANDLE WITH COUPLER 3/4"

- For manually operated sockets and accessories with 3/4" square drive.
- Chrome Vanadium steel 31CrV3.
- In accordance with SANS 1113 and DIN 3122.



Code	No.	mm	mm	°	mm	kg
627895	3293 Z-94	3/4	20	10	500	1.30

Sockets (3/4")

D 32 (MM) / (AF)
SOCKETS 3/4"

bi-hexagon UD profile

- Manually operated sockets with thin walls and knurled base.
- Chrome Vanadium steel 31CrV3..
- Chrome plated.
- In accordance with SANS 1113 and DIN 3124.



Code	mm	mm	kg
627402	D32 7/8AF	51.5	0.212
627410	D32 15/16AF	51.5	0.222
627429	D32 1. AF	51.5	0.220
627437	D32 1.1/16AF	54.5	0.250
627445	D32 1.1/8AF	54.5	0.240
627399	D32 1.3/16AF	58.0	0.306
627453	D32 1.1/4AF	57.5	0.331
627461	D32 1.5/16AF	57.5	0.370
627488	D32 1.3/8AF	59.5	0.402
627496	D32 1.7/16AF	59.5	0.440
627518	D32 1.1/2AF	59.5	0.435
627526	D32 1.5/8AF	62.5	0.551
627534	D32 1.11/16AF	62.5	0.600
627542	D32 1.3/4AF	65.5	0.550
627550	D32 1.13/16AF	65.5	0.690
627569	D32 1.7/8AF	65.5	0.765
627577	D32 2.AF	68.5	0.840

Code	mm	mm	kg
627216	D32 19mm	51.5	0.208
627224	D32 22mm	51.5	0.211
627232	D32 24mm	51.5	0.221
627240	D32 27mm	54.5	0.243
627259	D32 29mm	54.5	0.261
627267	D32 30mm	57.5	0.303
627275	D32 32mm	57.5	0.343
627704	D32 33mm	57.5	0.350
627763	D32 34mm	57.5	0.380
627283	D32 36mm	59.5	0.413
627291	D32 38mm	59.5	0.439
627305	D32 41mm	62.5	0.551
627313	D32 46mm	65.5	0.690
627321	D32 50mm	68.5	0.780

(3/4") Square Drive

Sets (3/4")

COMBINATION METRIC / IMPERIAL
SOCKET SET 3/4"

25 pieces

- > Manually operated 3/4" sockets and accessories.
- > Supplied in blue powder coated D32 E steel box.
- > Dimensions: 526x190x75mm.



Code	No.	Reversible Ratchet	Sockets	Accessories	
628073		U-2 3293 U-2	3/4" Sockets 22 24 27 29 30 32 36 38 41 46 50mm 7/8 15/16 1.1/16 1.1/4 1.5/16 1.3/8 1.7/16 1.5/8 1.13/16 2	3287Sliding T bar 3290 200mm Extension 3290 400mm Extension	11.60

Sockets (1/2")

D 19 (MM) / (AF)
SOCKETS 1/2"

bi-hexagon UD profile

- > Manually operated sockets with thin walls and knurled base.
- > CHROME VANADIUM steel – 31CrV3.
- > Chrome plated and polished.
- > In accordance with SANS 1113 and DIN 3124.



Code	mm	mm	kg	Code	mm	mm	kg
613304	D19 8mm	38.0	0.056	613444	D19 20mm	40.0	0.088
613312	D19 9mm	38.0	0.053	613452	D19 21mm	41.5	0.096
613320	D19 10mm	38.0	0.055	613460	D19 22mm	41.5	0.100
613339	D19 11mm	38.0	0.055	613479	D19 23mm	41.5	0.111
613347	D19 12mm	38.0	0.057	613487	D19 24mm	41.5	0.122
613355	D19 13mm	38.0	0.057	613495	D19 25mm	41.5	0.135
613363	D19 14mm	38.0	0.061	613509	D19 26mm	41.5	0.140
613371	D19 15mm	40.0	0.065	613517	D19 27mm	41.5	0.145
613398	D19 16mm	40.0	0.072	613525	D19 28mm	43.0	0.167
613401	D19 17mm	40.0	0.067	613533	D19 29mm	43.0	0.170
613428	D19 18mm	40.0	0.065	613541	D19 30mm	43.0	0.190
613436	D19 19mm	40.0	0.074	613576	D19 32mm	43.0	0.219

D 19 (MM) / (AF)
SOCKETS 1/2"

bi-hexagon UD profile

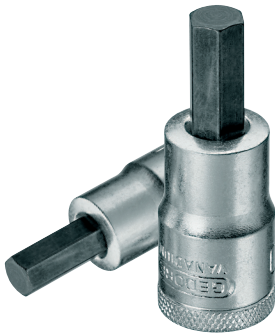


Code	mm	mm	kg	Code	mm	mm	kg
613606	D19 5/16AF	38.0	0.054	613711	D19 3/4AF	40.0	0.077
613614	D19 11/32AF	38.0	0.051	613738	D19 25/32AF	40.0	0.082
613622	D19 3/8AF	38.0	0.053	613746	D19 13/16AF	41.5	0.098
613630	D19 13/32AF	38.0	0.054	613754	D19 7/8AF	41.5	0.100
613649	D19 7/16AF	38.0	0.053	613762	D19 15/16AF	41.5	0.120
613657	D19 1/2AF	38.0	0.055	613770	D19 1. AF	41.5	0.137
613665	D19 9/16AF	38.0	0.063	613789	D19 1.1/16AF	41.5	0.145
613673	D19 19/32AF	40.0	0.065	613797	D19 1.1/8AF	43.0	0.167
613681	D19 5/8AF	40.0	0.070	613800	D19 1.3/16AF	43.0	0.190
613703	D19 11/16AF	40.0	0.062	613819	D19 1.1/4AF	43.0	0.203

IN 19 (MM) / (AF)
SCREWDRIVER BIT SOCKETS
1/2"

for hexagon screws

- Manually operated sockets with knurled base.
- For hexagon head screws.
- 1/2" square drive.
- Bits: Chrome Vanadium steel 59CrV4.
- Sockets: Chrome Vanadium steel 31CrV3.

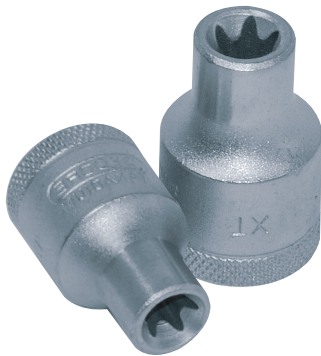


Code	mm	mm	mm
615315	IN19 5mm	60	0.050
615323	IN19 6mm	60	0.055
615331	IN19 7mm	60	0.058
615358	IN19 8mm	60	0.060
615366	IN19 9mm	60	0.063
615374	IN19 10mm	60	0.065
615382	IN19 12mm	60	0.075
615390	IN19 14mm	60	0.085
615404	IN19 17mm	60	0.115
615412	IN19 19mm	60	0.120

TX19
SOCKETS 1/2"

for protruding TORX® head screws

- Manually operated sockets with thin walls and knurled base.
- Chrome Vanadium steel 31CrV3.
- 1/2" square drive.
- Chrome plated.



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

Code	NO.		mm	mm	mm
665908	TX19 E 10	E10	M8	9.42	38.0
665916	TX19 E 11	E11	-	10.08	38.0
665924	TX19 E 12	E12	M10	11.17	38.0
665932	TX19 E 14	E14	M12	12.90	38.0
665940	TX19 E 16	E16	M12	14.76	38.0
665959	TX19 E 18	E18	M14	16.70	40.0
665967	TX19 E 20	E20	M6	18.45	40.0
665975	TX19 E 24	E24	M18-M20	22.16	41.5

ITX19
SCREWDRIVER BIT SOCKETS
1/2"

for recessed TORX® head screws

- Chrome Vanadium steel 31CrV3.
- 1/2" square drive.
- Manually operated sockets with knurled base.
- Bits: Molybdenum tool steel.



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

Code	mm		mm	mm	mm
024710	ITX19 T 20	T20	M4-M5	3.86	55
024720	ITX19 T 25	T25	M4,5-M5	4.43	55
024730	ITX19 T 27	T27	M4,5-M6	4.99	55
024740	ITX19 T 30	T30	M6-M7	5.52	55
024750	ITX19 T 40	T40	M7-M8	6.65	55
024760	ITX19 T 45	T45	M8-M10	7.82	55
024770	ITX19 T 50	T50	M10	8.83	55
024780	ITX19 T 55	T55	M12	11.22	55
024790	ITX19 T 60	T60	M14	13.25	55

Accessories (1/2")

1995
UNIVERSAL JOINT 1/2"

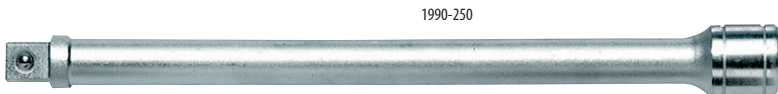
- For manually operated sockets and accessories with 1/2" square drive.
- Chrome Vanadium steel 31CrV3.
- In accordance with SANS 1113 and DIN 3123.



Code	No.	1/2"	12.5	1/2"	12.5	70	0.149
614475	1995						

1990
EXTENSION BARS 1/2"

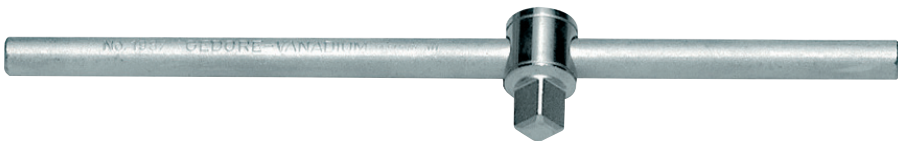
- For manually operated sockets and accessories with 1/2" square drive.
- Chrome Vanadium steel 31CrV3.
- In accordance with SANS 1113 and DIN 3123.



Code	No.	1/2"	12.5	75	0.109
614378	1990/75	1/2	12.5	75	0.109
614386	1990/125	1/2	12.5	125	0.177
614289	1990/175	1/2	12.5	175	0.239
614394	1990/250	1/2	12.5	250	0.337

1987
SLIDING T-BAR 1/2"

- For manually operated sockets and accessories with 1/2" square drive.
- Chrome Vanadium steel 31CrV3.



Code	No.	1/2"	12.5	290	0.350
614343	1987	1/2	12.5	290	0.350