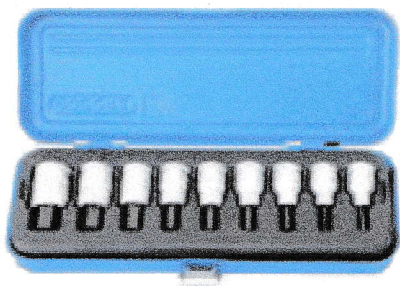


IN19 PM-9 / PA-9 SOCKET SETS 1/2"



10 pieces

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



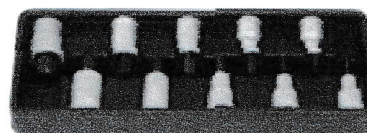
Code	No.	Sockets	
615625	PM-9	IN19 5 6 7 8 9 10 12 14 17	1.50
615641	PA-9	IN19 3/16AF 7/32AF 1/4AF 9/32AF 5/16AF 3/8AF 1/2AF 9/16AF 5/8AF	1.47
615627	SR-PM9	IN19 5 6 7 8 9 10 12 14 17 (Including Holding Rail and Adaptor)	0.96

IN19 PM-10 / PA-10 SOCKET SETS 1/2"



11 pieces

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

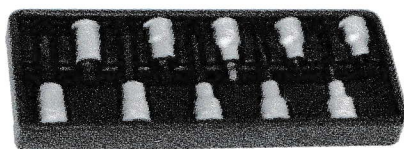


Code	No.	Sockets	
617415	PM-10	IN19 5 6 7 8 9 10 12 14 17 19	1.26
617431	PA-10	IN19 3/16AF 7/32AF 1/4AF 5/16AF 3/8AF 1/2AF 9/16AF 5/8AF 9/32AF	1.10
		IKS19 2	
617417	SR-PM10	IN19 5 6 7 8 9 10 12 14 17 19 (Including Holding Rail and Adaptor)	1.22

INX19 SOCKET SETS 1/2"



- Manually operated 1/2" spline sockets.
- Supplied in black matt-finish insert.



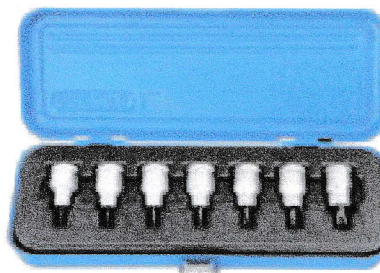
Code	No.	Sockets	
617989	PM-SD	INX19 5 6 8 10 12 INX19L 6-100 8-100 10-100 12-100 IKS19 2	1.32
617601	6	INX19-6 5 6 8 10 12 IKS19 2	0.51

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	1.00
665986	SR-MT	ITX19 T20 T25 T27 T30 T40 T45 T50 (Including Holding Rail and Adaptor)	0.54

ITX / TX19 FMT

TORX® SOCKET SET 1/2"

17 pieces

- › Manually operated 1/2" sockets.
- › Supplied in blue powder coated, D19 J steel box.
- › Dimensions: 290x186x52mm.



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

Code	No.	Sockets	
666009	FMT	ITX19 T20 T25 T27 T30 T40 T45 T50 TX19 E10 E11 E12 E14 E16 E18 E20 E24	1.10

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	0.51
665994	SR-FT	TX19 E10 E11 E12 E14 E16 E18 E20 E24 (Including Holding Rail and Adaptor)	0.62

SPARES

19 REPAIR KITS

- › For the 1993Z ratchet and 1996/7 power bar.

Code	No.
545694	1993 Z Repair Kit
545708	1996/7 Repair Kit

19 BOXES & INSERTS

- › Blue powder coated steel case.
- › Black matt-finish insert.

Code	No.
514640	D 19 J Box
514632	D 19 K Box
514667	D 19 T Box
514675	D 19 Y Box
515450	C 19 Y Insert
515965	D 19 GM Insert
515485	D 19 H Insert
515975	D 19 IM Insert
544191	D 19 J Insert
515507	D 19 K Insert
544213	D 19 T Insert
515310	D 19 T 97 Insert
515515	D 19/22 T Insert
544221	D 19 Y Insert
515337	D 19 YM1B Insert
544205	D 19 1B Insert
515353	D 19 62MU Insert
515426	IN19 - 5D Insert
515418	IN19 - 6 Insert
544248	IN19 - 9 Insert
515396	IN19PM - 10 Insert
515876	ITX19 MT Insert
515868	TX19 FT Insert
515841	ITX/TX19 FM Insert
515981	K19 Insert

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.	1/2"	12.5	7.5°	270
614262	1993U-10T				

1993 U-3 REVERSIBLE RATCHET 1/2"

- › For manually operated sockets and accessories with 1/2" square drive.
- › With recessed lever change.
- › Ball locking device.
- › Return angle of five degrees.
- › Non-slip 2-component handle.
- › In accordance with SANS 1113 and DIN 3122.
- › Chrome Vanadium steel 31CrV3.



Code	No.	1/2"	12.5	5°	270	0.544
614424	1993U-3					

1993 U-10 K PLASTIC RATCHET 1/2"

- › Maximum torque: 70Nm.
- › For manually operated sockets and accessories with 1/2" square drive.
- › Return angle of seven and a half degrees.
- › Made from sturdy compound material with a steel mechanism.
- › Lightweight.
- › Dimensions: 44 x 145 x 42.2mm.
- › Reversible ratchet.



Code	No.	1/2"	12.5	7.5°	145	0.226
624489	1993U-10K					

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.	1/2"	12.5	7.5°	270	0.430
614459	1993Z-94					

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

C 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
612006	C19 8mm-5/16	38.0	0.056
612014	C19 9mm-11/32	38.0	0.054
612022	C19 10mm-3/8	38.0	0.055
612030	C19 11mm	38.0	0.057
612057	C19 12mm	38.0	0.058
612065	C19 13mm-1/2	38.0	0.057
612073	C19 14mm	38.0	0.059
612081	C19 15mm-19/32	40.0	0.065
612103	C19 16mm-5/8	40.0	0.065
612111	C19 17mm	40.0	0.073
612138	C19 18mm-11/16	40.0	0.062
612146	C19 19mm-3/4	40.0	0.078
612154	C19 20mm-25/32	40.0	0.084
612162	C19 21mm-13/16	41.5	0.096
612170	C19 22mm	41.5	0.099
612189	C19 23mm	41.5	0.121
612197	C19 24mm-15/16	41.5	0.124
612200	C19 25mm	41.5	0.130
612219	C19 26mm-1.	41.5	0.135
612227	C19 27mm-1.1/16	41.5	0.145
612235	C19 28mm	43.0	0.148
612243	C19 29mm-1.1/8	43.0	0.159
612251	C19 30mm-1.3/16	43.0	0.175
612278	C19 32mm-1.1/4	43.0	0.189
612308	C19 7/16AF	38.0	0.056
612324	C19 9/16AF	38.0	0.061
612375	C19 7/8AF	41.5	0.105

K19 IMPACT SOCKETS

➤58



INK19 IMPACT ALLEN KEY SOCKETS

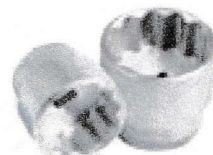
➤59



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
613304	D19 8mm	38.0	0.056
613312	D19 9mm	38.0	0.053
613320	D19 10mm	38.0	0.055
613339	D19 11mm	38.0	0.055
613347	D19 12mm	38.0	0.057
613355	D19 13mm	38.0	0.057
613363	D19 14mm	38.0	0.061
613371	D19 15mm	40.0	0.065
613398	D19 16mm	40.0	0.072
613401	D19 17mm	40.0	0.067
613428	D19 18mm	40.0	0.065
613436	D19 19mm	40.0	0.074
613444	D19 20mm	40.0	0.088
613452	D19 21mm	41.5	0.096
613460	D19 22mm	41.5	0.100
613479	D19 23mm	41.5	0.111
613487	D19 24mm	41.5	0.122
613495	D19 25mm	41.5	0.135
613509	D19 26mm	41.5	0.140
613517	D19 27mm	41.5	0.145
613525	D19 28mm	43.0	0.167
613533	D19 29mm	43.0	0.170
613541	D19 30mm	43.0	0.190
613576	D19 32mm	43.0	0.219
613584	D19 33mm	44.5	0.250
613568	D19 36mm	44.5	0.287
613606	D19 5/16AF	38.0	0.054
613614	D19 11/32AF	38.0	0.051
613622	D19 3/8AF	38.0	0.053
613630	D19 13/32AF	38.0	0.054
613649	D19 7/16AF	38.0	0.053
613657	D19 1/2AF	38.0	0.055
613665	D19 9/16AF	38.0	0.063
613673	D19 19/32AF	40.0	0.065
613681	D19 5/8AF	40.0	0.070
613703	D19 11/16AF	40.0	0.062
613711	D19 3/4AF	40.0	0.077
613738	D19 25/32AF	40.0	0.082
613746	D19 13/16AF	41.5	0.098
613754	D19 7/8AF	41.5	0.100
613762	D19 15/16AF	41.5	0.120
613770	D19 1. AF	41.5	0.137
613789	D19 1.1/16AF	41.5	0.145
613797	D19 1.1/8AF	43.0	0.167
613800	D19 1.3/16AF	43.0	0.190
613819	D19 1.1/4AF	43.0	0.203

19L (MM) / (AF)

SOCKETS 1/2"

hexagon, long pattern

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



Code	mm	mm	kg
614017	19L 13mm	77	0.102
614025	19L 14mm	77	0.109
614033	19L 17mm	77	0.134
614041	19L 19mm	82	0.171
614068	19L 21mm	82	0.205
614076	19L 24mm	82	0.250
614130	19L 1/2AF	77	0.96
614149	19L 9/16AF	77	0.110
614157	19L 5/8AF	77	0.130
614165	19L 11/16AF	77	0.143
614173	19L 3/4AF	82	0.173
614181	19L 13/16AF	82	0.210
614203	19L 7/8AF	82	0.213
614211	19L 15/16AF	82	0.233

1/2"

D19L (MM)

SOCKETS 1/2"

bi-hexagon UD profile, long pattern

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



Code	mm	mm	kg
015705	D19L 10mm	82	0.095
015706	D19L 12mm	82	0.120
015701	D19L 13mm	82	0.100
015702	D19L 14mm	82	0.130
015707	D19L 15mm	82	0.130
015712	D19L 16mm	82	0.140
015703	D19L 17mm	82	0.150
015708	D19L 18mm	82	0.180
015704	D19L 19mm	82	0.190
015709	D19L 21mm	82	0.210
015713	D19L 22mm	82	0.210
015710	D19L 24mm	82	0.260
015711	D19L 27mm	82	0.310
015714	D19L 30mm	82	0.300
015715	D19L 32mm	82	0.400

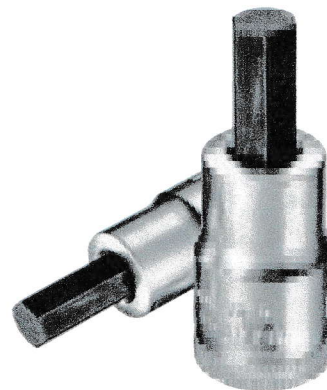
IN 19 (MM) / (AF)

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	kg
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

Code	mm	mm	kg
615471	IN19 3/16AF	60	0.050
615498	IN19 7/32AF	60	0.053
615501	IN19 1/4AF	60	0.055
615528	IN19 9/32AF	60	0.055
615536	IN19 5/16AF	60	0.060
615544	IN19 3/8AF	60	0.065
615552	IN19 1/2AF	60	0.080
615560	IN19 9/16AF	60	0.085
615579	IN19 5/8AF	60	0.115

INR 19 L

SCREWDRIVER BIT SOCKETS

1/2"

for multi-spline screws RIBE®, long pattern

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



RIBE® = Registered trademark of Richard Bergner, GmbH & Co. KG, Schwabach, Germany.

Code	Ø mm	l mm	Wt g
1449826	INR 19L 5-100	100	0.085
1449850	INR 19L 6-100	100	0.085
1449877	INR 19L 8-100	100	0.085
1449591	INR 19L 10-100	100	0.105
1398636	INR 19L 12-100	100	0.145
1449893	INR 19L 14-100	100	0.155

1/2"

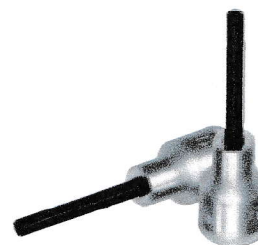
IN 19 L

SCREWDRIVER BIT SOCKETS

1/2"

for hexagon screws, long pattern

- › 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	Ø mm	l mm	Wt g
6162060	IN19L 5-90	90	0.091
615730	IN19L 6-100	100	0.079
6157570	IN19L 7-100	100	0.089
615773	IN19L 8-100	100	0.097
615811	IN19L 10-100	100	0.124
615846	IN19L 12-100	100	0.151
615862	IN19L 14-100	100	0.202
616265	IN19L 1/4-100	100	0.081
616303	IN19L 5/16-100	100	0.097
616346	IN19L 3/8-100	100	0.119
616370	IN19L 1/2-100	100	0.161
616397	IN19L 9/16-100	100	0.207

INX 19-INX 19L

SCREWDRIVER BIT SOCKETS

1/2"

for multi-point screws XZN

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



1/2"

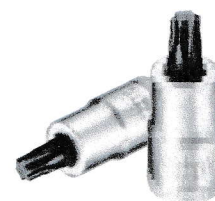
ITX 19

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.



1/2"

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

Code	Ø mm	M	l mm	Wt g
615889	INX19L 5mm	M5	55	0.068
615900	INX19L 6mm	M6	55	0.076
615927	INX19L 8mm	M8	55	0.077
615943	INX19L 10mm	M10	55	0.094
615978	INX19L 12mm	M12	55	0.110
615919	INX19L 6-100	M6	100	0.093
615935	INX19L 8-100	M8	100	0.097
615951	INX19L 10-100	M10	100	0.124
615986	INX19L 12-100	M12	100	0.149
1888951	INX19L 14-100	M14	100	0.110

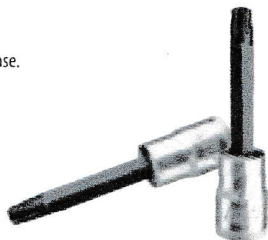
Code	 mm		 M	 mm	 mm	
024710	ITX19 T 20	T20	M4-M5	3.86	55	0.068
024720	ITX19 T 25	T25	M4,5-M5	4.43	55	0.070
024730	ITX19 T 27	T27	M4.5-M6	4.99	55	0.070
024740	ITX19 T 30	T30	M6-M7	5.52	55	0.070
024750	ITX19 T 40	T40	M7-M8	6.65	55	0.075
024760	ITX19 T 45	T45	M8-M10	7.82	55	0.070
024770	ITX19 T 50	T50	M10	8.83	55	0.075
024780	ITX19 T 55	T55	M12	11.22	55	0.100
024790	ITX19 T 60	T60	M14	13.25	55	0.110

ITX 19 L

SCREWDRIVER BIT SOCKETS 1/2"

for recessed TORX® head screws, long pattern

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



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

Code	Ø mm		M	mm	mm	kg
024210	ITX19L T20	T20	M4-M5	3.86	100	0.095
024215	ITX19L T25	T25	M4.5-M5	4.43	100	0.095
024220	ITX19L T27	T27	M4.5-M6	4.99	100	0.096
024225	ITX19L T30	T30	M6-M7	5.52	100	0.096
024230	ITX19L T40	T40	M7-M8	6.65	100	0.096
024235	ITX19L T45	T45	M8-M10	7.82	100	0.098
024240	ITX19L T50	T50	M10	8.83	100	0.124
024245	ITX19L T55	T55	M12	11.22	100	0.151
024250	ITX19L T60	T60	M14	13.25	100	0.197
024253	ITX19L T70	T70	M16	15.55	100	0.277

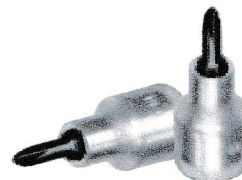
1/2"

IKS 19

SCREWDRIVER BIT SOCKETS 1/2"

for cross-head screws PH

- › Manually operated sockets with knurled base.
- › 1/2" square drive.
- › Sockets: Chrome Vanadium steel 31CrV3.
- › Bits: Molybdenum tool steel.
- › Socket with Phillips & POZZIDRIV® Bits



1/2"

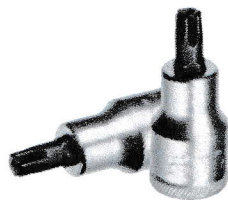


ITX 19 B

SCREWDRIVER BIT SOCKETS 1/2"

for recessed TORX® head screws with pilot

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



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

*WHILE STOCKS LAST

Code	Ø mm		M	mm	mm	kg
6192720	ITX19B T20*	T20	M4-M5	3.86	55	0.075
6195660	ITX19B T25*	T25	M4.5-M5	4.43	55	0.075
6196390	ITX19B T27*	T27	M4.5-M6	4.99	55	0.076
6200170	ITX19B T30	T30	M6-M7	5.52	55	0.076
6200410	ITX19B T40	T40	M7-M8	6.65	55	0.091

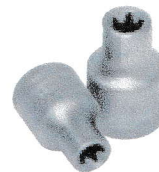
1/2"

TX 19

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.



1/2"

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

Code	NO.		M	mm	mm	kg
665908	TX19 E 10	E10	M8	9.42	38.0	0.055
665916	TX19 E 11	E11	-	10.08	38.0	0.055
665924	TX19 E 12	E12	M10	11.17	38.0	0.055
665932	TX19 E 14	E14	M12	12.90	38.0	0.055
665940	TX19 E 16	E16	M12	14.76	38.0	0.060
665959	TX19 E 18	E18	M14	16.70	40.0	0.080
665967	TX19 E 20	E20	M6	18.45	40.0	0.085
665975	TX19 E 24	E24	M18-M20	22.16	41.5	0.115

1985

SPEED BRACE HANDLE 1/2"

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



Code	No.				
614335	1985	1/2	12.5	420	0.585

1996 - 1997

SWIVEL HANDLES 1/2"

- › For manually operated sockets and accessories with 1/2" square drive.
- › Non-slip 2-component handle.
- › In accordance with SANS 1113 and DIN 3122.
- › Chrome Vanadium steel 31CrV3.



1996



1997

Code	No.				
614483	1996	1/2	12.5	255	0.414
614491	1997/375	1/2	12.5	375	0.576
614556	1997/450	1/2	12.5	450	0.677

1930

REDUCER 1/2" TO 3/8"

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



1932

CONVERTER 1/2" TO 3/4"

- › 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.							Code	No.						
6143000	1930	1/2	12.5	3/8	10	39	0.062	614319	1932	3/4	20	1/2	12.5	45	0.124

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	l mm	kg
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

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.

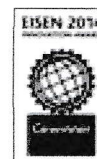


Code	No.	1/2"	12.5	1/2"	12.5	l mm	kg
614475	1995	1/2	12.5	1/2	12.5	70	0.149

1990 M

EXTENSION 1/2"

with magnet



- For manually operated sockets and accessories with 1/2" square drive and ball locking device.
- Strong magnet securely fixes even large screws in the socket.
- Makes work easier particularly in confined spaces.
- One-hand operation.
- Chrome Vanadium steel 31CrV3.
- In accordance with DIN 3120.
- Hot forged.



Code	No.	1/2"	12.5	l mm	kg
2697920	1990M	1/2	12.5	83	0.110

1987

SLIDING T-BAR 1/2"

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

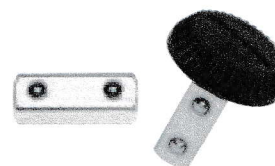


Code	No.	1/2"	12.5	l mm	kg
614343	1987	1/2	12.5	290	0.350

1994

COUPLERS 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.



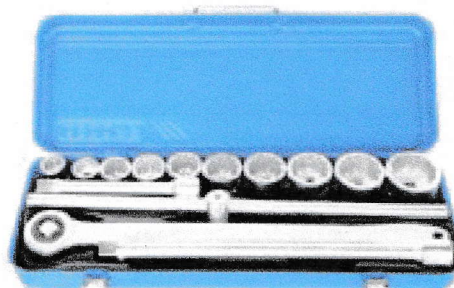
*WITH MUSHROOM HEAD

Code	No.	1/2"	12.5	l mm	kg
6144670	1994 Coupler	1/2	12.5	37	0.042
614467	1994 PZK*	1/2	12.5	46	0.056

32 EMAZ/ EMZ / EAZ SOCKET SETS 3/4"

16 pieces

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



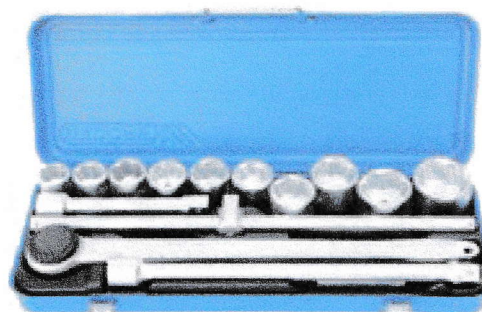
3/4"
mm

Code	No.	Ratchet	Sockets	Accessories	kg
626538	C32 EMAZ	⊗ Z-94 3293 Z-94	C32 27-1.1/16 29-1.1/8 32-1.1/4 33-1.5/16 36-1.7/16 38-1.1/2 41-1.5/8 46-1.13/16 50-2. 1.3/8AF	3287 3290-200 3290-400	11.43
628026	D32 EMZ	⊗ Z-94 3293 Z-94	D32 22 24 27 30 32 36 38 41 46 50	3287 3290-200 3290-400	11.06
628050	D32 EAZ	⊗ Z-94 3293 Z-94	D32 7/8AF 15/16AF 1.1/16AF 1.1/4AF 1.5/16AF 1.3/8AF 1.7/16AF 1.5/8AF 1.13/16AF 2.AF	3287 3290-200 3290-400	11.22

32 EMAU-2 / EMU-2 SOCKET SETS 3/4"

16 pieces

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



3/4"
mm

Code	No.	Ratchet	Sockets	Accessories	kg
626546	C32 EMAU-2	⊗ U-2 3293 U-2	C32 27-1.1/16 29-1.1/8 32-1.1/4 33-1.5/16 36-1.7/16 38-1.1/2 41-1.5/8 46-1.13/16 50-2. 1.3/8AF	3287 3290-200 3290-400	11.60
628042	D32 EMU-2	⊗ U-2 3293 U-2	D32 22 24 27 30 32 36 38 41 46 50	3287 3290-200 3290-400	11.23
628069	D32 EAU-2	⊗ U-2 3293 U-2	D32 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.	3287 3290-200 3290-400	11.40

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.



U-1

Code	No.	"		°	mm	kg
627798	3293 U-1	3/4	20	11,25	500	2.59
627984	3293 U-1/440	3/4	20	11,25	440	2.38

3293 U-2

REVERSIBLE RATCHET 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.



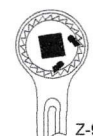
U-2

Code	No.	"		°	mm	kg
627860	3293 U-2	3/4	20	7,2	500	1.47

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.



Z-94

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

3293/500 DJ/DJ 24X34

DOUBLE JOHNNY RATCHETS 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.
- 500 DJ with double 3/4" drive coupler and 500mm detachable handle.
- 500 DJ24x30 with 24mm and 30mm fixed sockets and 500mm detachable handle.



3293/500



3293/500-24x30



U-10

Code	No.	3/4"	20	15°	mm	kg
627127	3293/500	3/4	20	15	625	3.08
627194	3293/500 24x30	3/4	20	15	650	2.94

Sockets (3/4")

C 32 (MM) / (AF)

SOCKETS 3/4"

C profile

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



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
626007	C32 19mm-3/4	51.5	0.208
626015	C32 22mm-7/8	51.5	0.211
626023	C32 24mm-15/16	51.5	0.221
626058	C32 26mm-1.	51.5	0.220
626066	C32 27mm-1.1/16	54.5	0.243
626074	C32 29mm-1.1/8	54.5	0.261
626082	C32 30mm-1.3/16	57.5	0.303
626090	C32 32mm-1.1/4	57.5	0.343
626104	C32 33mm-1.5/16	57.5	0.350
626112	C32 34mm	57.5	0.380
626171	C32 36mm-1.7/16	59.5	0.413
626201	C32 38mm-1.1/2	59.5	0.440
626228	C32 41mm-1.5/8	62.5	0.550
626244	C32 46mm-1.13/16	65.5	0.690
626260	C32 50mm-2.	68.5	0.840
626279	C32 1.3/8AF	59.5	0.402

K32 IMPACT SOCKETS

160



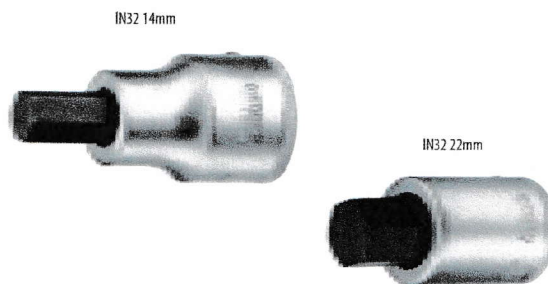
Code	mm	mm	kg
627216	D32 19mm	51.5	0.208
627224	D32 22mm	51.5	0.211
627232	D32 24mm	51.5	0.221
627240	D32 27mm	54.5	0.243
627259	D32 29mm	54.5	0.261
627267	D32 30mm	57.5	0.303
627275	D32 32mm	57.5	0.343
627704	D32 33mm	57.5	0.350
627763	D32 34mm	57.5	0.380
627283	D32 36mm	59.5	0.413
627291	D32 38mm	59.5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

IN 32

SCREWDRIVER BIT SOCKETS 3/4"

for hexagon head screws

- › Manually operated sockets with knurled base.
- › 3/4" square drive.
- › Sockets: Chrome Vanadium steel 31CrV3.
- › Bits: Chrome Vanadium steel 59CrV4.



Code	No.	mm	mm	kg
6275850	IN32 14mm	14	80	0.352
6275930	IN32 17mm	17	80	0.394

Code	No.	mm	mm	kg
6276070	IN32 19mm	19	80	0.433
6276150	IN32 22mm	22	80	0.482

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	mm	mm	kg
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.

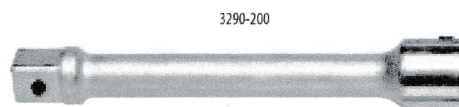


Code	No.	mm	mm	mm	kg
627836	3287	3/4	20	500	0.118
627941	3287/447	3/4	20	447	0.107

3290

EXTENSIONS 3/4"

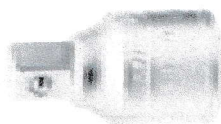
- › For manually operated sockets and accessories with 3/4" square drive.
- › Chrome Vanadium steel 31CrV3.
- › In accordance with SANS 1113 and DIN 3122.



Code	No.	mm	mm	mm	kg
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"

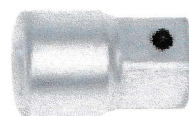
- › For manually operated sockets and accessories with 3/4" square drive.
- › Chrome Vanadium steel 31CrV3.
- › In accordance with SANS 1113 and DIN 3122.



Code	No.	1/2"	12,5	3/4"	20	56	0.160
017100	3219						

3221 CONVERTER 3/4" TO 1"

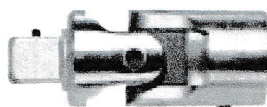
- › For manually operated sockets and accessories with 3/4" square drive.
- › Chrome Vanadium steel 31CrV3.
- › In accordance with SANS 1113 and DIN 3122.



Code	No.	1"	25	3/4"	20	60	0.338
627828	3221						

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.	3/4"	20	3/4"	20	105	0.580
017170	3295						

3294 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.	3/4"	20	52	0.133
627909	3294				

SPARES

32 REPAIR KITS

- › For the 3293 range of ratchets and 3296 power bar.

Code	No.
541036	3293 U-1 Repair Kit
545716	3293 U-2 Repair Kit
545724	3293 Z Repair Kit
627135	3293 DJ Repair Kit
545740	3296 Repair Kit

19 BOXES & INSERTS

- › Blue powder coated steel case.
- › Black matt-finish insert.

Code	No.
514683	D32 E Box
544256	D32 Insert
545228	C32 EMAZ Insert

[1"] Square Drive

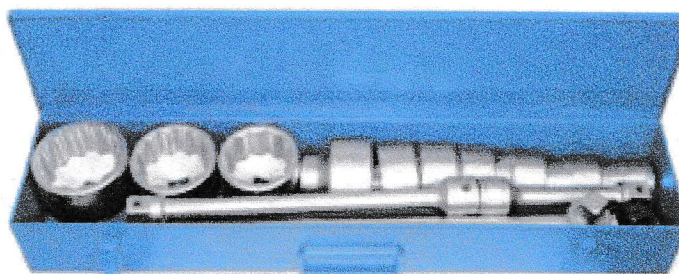
1"

Sets [1"]

D 21 EMU-10 SOCKET SET 1"

15 pieces

- › Manually operated 1" sockets and accessories.
- › Gedore Vanadium steel 31CrV3.
- › With reversible lever change ratchet.
- › Supplied in blue powder coated steel case.
- › Dimensions: 760 x 260 x 105mm.



1"
mm

Code	No.	Ratchet	Sockets	Accessories	
018250	D 21 EMU JG	U-10 2193 U-3	D 21 36 41 46 50 55 60 65 70 75 80	2190 -16 Extension 2190 -8 Extension 2187 Sliding T-Bar	27.60

2193 U-3 REVERSIBLE RATCHET 1"

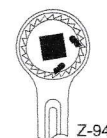
- › In accordance with SANS 1113 and DIN 3122.
- › Chrome Vanadium steel 31CrV3.
- › With non-slip metal disc change, fine-toothed (72 teeth) and robust.
- › Return angle 5 degrees.
- › Push-fit tube handle.
- › For manually operated sockets and accessories with 1" square drive.



Code	No.	1"	25	5°	720 mm	4.5
018240	2193 U-3	1	25	5	720	4.5

2193 Z-94 RATCHET HANDLE WITH COUPLER 1"

- › In accordance with SANS 1113 and DIN 3122.
- › Chrome Vanadium steel 31CrV3.
- › With non-slip metal disc change, fine-toothed (72 teeth) and robust.
- › Return angle of nine degrees.
- › Push-fit tube handle.
- › For manually operated sockets and accessories with 1" square drive.



Code	No.	1"	25	9°	720 mm	4.2
6181520	2193 Z-94	1	25	9	720	4.2

Sockets (1")

D 21/21 (MM)

SOCKETS 1"

1"

C profile

- › Manually operated sockets with knurled base.
- › 1" square drive.
- › Gedore Vanadium steel 31CrV3.
- › Chrome plated.
- › In accordance with SANS 1113 and DIN 3124.



36-65mm



70-80mm

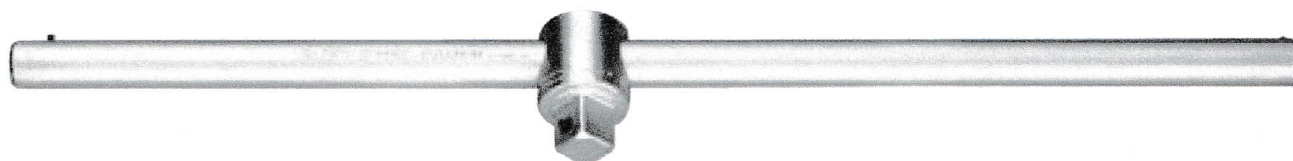
Code	mm	mm	kg	Code	mm	mm	kg
018001	D21 36mm	70	0.600	018006	D21 60mm	80	1.200
018002	D21 41mm	70	0.700	018011	D21 65mm	84	1.670
018003	D21 46mm	75	0.900	018008	D21 70mm - Hexagon	70	0.600
018004	D21 50mm	75	1.000	018009	D21 75mm - Hexagon	70	0.700
018005	D21 55mm	75	1.100	018010	D21 80mm - Hexagon	75	0.900

Accessories (1")

2187

SLIDING T-BAR 1"

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



Code	No.	"		mm	kg
018210	2187	1	25	640	3.100

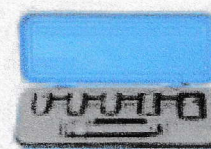
1" IMPACT ACCESSORIES

>63



IMPACT SOCKET SETS

>58



2190

EXTENSIONS 1"

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



2190-8



2190-16

Code	No.			l-mm	
018220	2190-8"	1	25	200	1.10
018230	2190-16"	1	25	400	1.90

2132

REDUCER 1" TO 3/4"

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



Code	No.					l-mm	
018200	2132	3/4	25	1	20	75	0.500

2194

COUPLER 1"

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



Code	No.			l-mm	
6180710	2194	1	25	68	0.321

2195

UNIVERSAL JOINT 1"

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



Code	No.					l-mm	
6180980	2195	1	25	1	25	140	1.48