



SOCKETS

Universal Joint Socket Sets Hex & Torx 3/8" Sq. Dr.

- Universal joint sockets for use on Metric, SAE Hex and Torx fasteners used in modern automotive applications
- Socket sets feature 3/8" square drive with universal joint design, extension bar, sliding T-Handle and ratchet adaptor
- Manufactured from drop forged vanadium steel for maximum strength and longevity
- 10 piece sets supplied in blow mould storage case

Part No.	Description	Size
301174	Metric Hex	3, 4, 5, 6, 7, 8, 10 (mm)
301175	SAE Hex	1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"
301176	Torx	T20, T25, T27, T30, T40, T45, T50



Universal Joint Socket Sets Hex & Torx 1/2" Sq. Dr.

- Universal joint sockets for use on Metric, SAE Hex and Torx fasteners used in modern automotive applications
- Socket sets feature 1/2" square drive with universal joint design, extension bar, sliding T-Handle and ratchet adaptor
- Manufactured from drop forged vanadium steel for maximum strength and longevity
- 10 piece sets supplied in blow mould storage case

Part No.	Description	Size
301177	Metric Hex	3, 4, 5, 6, 7, 8, 10 (mm)
301178	SAE Hex	1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"
301179	Torx	T20, T25, T27, T30, T40, T45, T50



Universal Joint Socket Set Hex, Torx & Spline 1/2" Sq. Dr.

- Universal joint sockets for use on Hex, Torx and 12-Point Spline fasteners used in modern automotive applications
- Socket sets feature 1/2" square drive with universal joint design
- Manufactured from drop forged vanadium steel for maximum strength and longevity
- 8 piece sets supplied in blow mould storage case

Part No.	Description	Size
301847	Metric Hex	5, 6, 7, 8, 10, 12, 14, 17 (mm)
301848	SAE Hex	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8"
301846	Spline (12-Point)	M5, M6, M8, M9, M10, M12, M14, M16
301849	Torx	T30, T40, T45, T50, T55, T60, T70, T80,





301981

Insert Bit Socket Set 3/4" & 1" Sq. Dr.

- Insert bit sockets for use on Metric Hex, Torx and E-Star fasteners
- Kit features insert bits with 3/4" and 1" square drive adaptors
- Manufactured from drop forged vanadium steel for maximum strength and longevity
- Overall length: 107mm
- 16 piece set supplied in blow mould storage case

Contents

Description		Size
Metric Hex bit		17, 19, 22, 24 (mm)
Torx bit		T60, T70, T80, T90, T100
E-star socket		E18, E20, E22, E24
Hex adaptor		3/4" Sq. Dr. (22mm)
Hex adaptor		1" Sq. Dr. (22mm)
L-key		4mm



Insert Bit Socket Sets 3/4" Sq. Dr.

- Insert bit sockets for use on Metric Hex, Torx, 12-Point and E-Star fasteners
- Kit features insert bits with 3/4" square drive adaptors
- Manufactured from drop forged vanadium steel for maximum strength and longevity
- Overall length: 107mm
- 6 piece sets supplied in blow mould storage case

Part No.	Description		Size	Contained in each kit	
301982	Metric Hex bit		17, 19, 22, 24 (mm)	 Hex adaptor 3/4" (22mm) Sq. Dr.	 L-key 4mm
301983	Torx bit		T70, T80, T90, T100		
301984	E-star socket		E18, E20, E22, E24		
301985	Spline socket (12-point)		M12, M14, M16, M18		



301487

Impact Socket Set Double Hex & E-Star 3/4" Sq. Dr.

- Impact sockets for use with power or air operated tools on Double Hex (12-Point) and E-Star fasteners
- 3/4" square drive
- Manufactured from drop forged vanadium steel for maximum strength and longevity
- Overall length: 90mm
- 5 piece set supplied in blow mould storage case

Contents

Description		Size
Double Hex (12-point) socket		17, 18 (mm)
E-star socket		E18, E20, E24





301143

Torx Bit Set Extra Long 3/8" Sq. Dr.

- Extra-long sockets for use on Torx fasteners used in modern automotive applications, popular in European vehicles
- Manufactured from drop forged vanadium steel for maximum strength and longevity
- 3/8" square drive
- Size range: T10–T55
- Overall length: 200mm
- 10 piece set supplied in blow mould storage case

Contents

Description	Size
Torx Bit	★ T10, T15, T20, T25, T27, T30, T40, T45, T50, T55



301290

E-Star Socket Set Extra Long 3/8" Sq. Dr.

- Extra-long sockets for use on E-Star fasteners used in modern automotive applications, popular in European vehicles
- Manufactured from drop forged vanadium steel for maximum strength and longevity
- 3/8" square drive
- Size range: E6–E20
- Overall length: 200mm
- 10 piece set supplied in blow mould storage case

Contents

Description	Size
E-Star Socket	⊛ E6, E7, E8, E10, E11, E12, E14, E16, E18, E20



301845

Torx & E-Star Socket Set 1/2" Sq. Dr.

- Sockets for use on Torx and E-Star fasteners used in modern automotive applications, popular in European vehicles
- Manufactured from drop forged vanadium steel for maximum strength and longevity
- 1/2" square drive
- Size range: T20–T70 and E6–E24
- 19 piece set supplied in blow mould storage case

Contents

Description	Size
Torx	★ T20, T25, T27, T30, T40, T45, T50, T55, T60, T70
E-Star Socket	⊛ E10, E11, E12, E14, E16, E18, E20, E22, E24





301666

E-Star Socket Set 1/4" & 3/8" Sq. Dr.

- Sockets for use on E-Star fasteners used in modern automotive applications, popular in European vehicle makes
- Manufactured from drop forged vanadium steel for maximum strength and longevity
- 1/4" and 3/8" square drive
- Size range: E6–E20
- 9 piece set supplied with a reusable socket rail

Contents

Drive Size		Size
1/4" Sq. Dr.		E6, E7, E8
3/8" Sq. Dr.		E10, E11, E12, E14, E16, E18, E20



301924

E-Star Socket Set 1/2" Sq. Dr.

- Sockets for use on E-Star fasteners used in modern automotive applications, popular in European vehicle makes
- Manufactured from drop forged vanadium steel for maximum strength and longevity
- 1/2" square drive
- Size range: E10–E24
- 9 piece set supplied in blow mould storage case

E-Star Socket

Contents

Part No.	Description
301925	E10 star socket
301926	E11 star socket
301927	E12 star socket
301928	E14 star socket
301929	E16 star socket
301930	E18 star socket
301931	E20 star socket
301932	E22 star socket
301933	E24 star socket



301986

E-Star Socket Set Extra Long 1/2" Sq. Dr.

- Extra-long sockets for use on E-Star fasteners used in modern automotive applications, popular in European vehicles
- Manufactured from drop forged vanadium steel for maximum strength and longevity
- 1/2" square drive
- Size range: E10–E24
- Overall length: 78mm
- 9 piece set supplied in blow mould storage case

Contents

Description		Size
E-Star Socket		E10, E11, E12, E14, E16, E18, E20, E22, E24





301291

E-Star Socket Set Extra Long 1/2" Sq. Dr.

- Extra-long sockets for use on E-Star fasteners used in modern automotive applications, popular in European vehicles
- Manufactured from drop forged vanadium steel for maximum strength and longevity
- 1/2" square drive
- Size range: E10–E18
- Overall length: 140mm
- 5 piece set supplied in blow mould storage case



Contents

Description	Size
E-Star Socket	 E10, E12, E14, E16, E18

321014

Ratcheting Socket Wrench Hex 16 in 1

- Dual head ratcheting socket wrench features 16 sizes in one tool
- Cost, time and space saving tool with hex sized sockets

Style	Small End	Large End
SAE	3/8", 7/16", 1/2", 9/16"	5/8", 11/16", 3/4", 13/16"
Metric	10, 11, 13, 14	16, 17, 19, 21 (mm)



321004

Sensor Socket Master Set 3/8" & 1/2" Sq. Dr.

- Specially designed sensor socket set for use in automotive engine management applications
- Manufactured from high quality chrome molybdenum steel for strength and durability
- 3/8" or 1/2" square drive in hex and double hex socket design
- 21 piece set contains useful sockets for removing oil pressure, vacuum and oxygen sensors



Contents

Description	Socket Size	Length	Points
1/2" Sq. Dr.	17mm	79mm	12 Pt
1/2" Sq. Dr.	19mm	78mm	12 Pt
1/2" Sq. Dr.	20mm	78mm	6 Pt
1/2" Sq. Dr.	21mm	90mm	12 Pt
1/2" Sq. Dr.	22mm	78mm	12 Pt
3/8" Sq. Dr.	22mm	80mm	6 Pt
3/8" Sq. Dr.	22mm	90mm	6 Pt
1/2" Sq. Dr.	22mm	110mm	12 Pt
1/2" Sq. Dr.	22mm	150mm	12 Pt
1/2" Sq. Dr. Multi-position	22mm	72.5mm	6 Pt
3/8" Sq. Dr.	22mm, Offset	L81 x H 30.5mm	6 Pt

Description	Socket Size	Length	Points
1/2" Sq. Dr. Multi-position	22mm, Offset	L81 x H49mm	6 Pt
Socket wrench, adjustable	22mm	220mm	6 Pt
3/8" Sq. Dr.	27mm	74mm	12 Pt
1/2" Sq. Dr.	27mm	110mm	12 Pt
1/2" Sq. Dr.	27mm	78mm	12 Pt
1/2" Sq. Dr.	27mm	77.5mm	6 Pt
1/2" Sq. Dr.	28mm	78mm	12 Pt
1/2" Sq. Dr.	28mm	82.75mm	6 Pt
1/2" Sq. Dr.	29mm	90mm	6 Pt
1/2" Sq. Dr.	30mm	78mm	12 Pt



301148

Sensor Socket Set 1/2" & 3/4" Sq. Dr.

- Specially designed sensor socket set for use in automotive engine management applications
- 7 piece set contains sockets for removing oil pressure, vacuum and oxygen sensors, including one for diesel injectors
- Manufactured from high quality chrome molybdenum steel for strength and durability
- 1/2" or 3/4" square drive

Contents

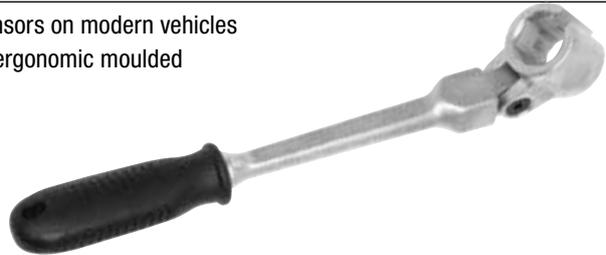
Size	Description	Square Drive
7/8"	Vacuum switch socket	1/2" Sq. Dr.
7/8"	Offset oxygen sensor socket	
7/8"	Offset deep oxygen sensor socket	
11/16"	Oil pressure socket	3/4" Sq. Dr.
22mm	Oxygen sensor socket	
27mm	Diesel injector socket	
29mm	Sensor socket	



301277

Oxygen Sensor Remover

- Specialist wrench designed for removing and installing oxygen sensors on modern vehicles
- Features a flexible head for hard to reach oxygen sensors and an ergonomic moulded plastic handle for extra comfort and manoeuvrability
- Manufactured from durable chrome vanadium steel to maximise strength and longevity
- Overall length: 300mm
- Capacity: 22mm Hex



Oil Pressure Switch Sockets

- Suitable for automotive and industrial oil pressure switch applications
- Manufactured from drop forged vanadium steel for maximum strength and longevity

Part No.	Suits	Square Drive	Overall Length
301092	25mm (1") Hex 27mm (1 1/16") Hex	3/8" Sq. Dr.	60mm
301093	30mm (1 3/16") Hex	1/2" Sq. Dr.	88mm



301094

Oxygen Sensor Socket 21mm, 3/8" Sq. Dr.

- Specialist tool designed for the removal and installation of oxygen sensors in automotive applications
- Manufactured from durable chrome molybdenum steel for superior strength and longevity
- 3/8" square drive
- Size: 21mm (7/8")
- Overall length: 90mm





SPANNERS & WRENCHES

Adjustable Wrenches

- Metric graduation markings on jaw
- Non-protruding jaw shank to allow access in tight spaces
- Parallel jaws ensure superior grip of bolts and fasteners
- Features a four thread knurl offering smooth, uninhibited opening and closing of jaws
- Manufactured from drop forged chrome vanadium steel with nickel and chrome plating

Part No.	Length	Jaw Opening (Max.)	Jaw Width	Weight
88100	100mm (4")	14mm	5mm	50g
88150	150mm (6")	22mm	6mm	110g
88200	200mm (8")	29mm	9mm	240g
88250	250mm (10")	33mm	9mm	400g
88300	300mm (12")	40mm	11mm	600g
88375	375mm (15")	46mm	11mm	1150g
88450	450mm (18")	59mm	14mm	1800g
88600	600mm (24")	72mm	12mm	3100g



TSR01

Adjustable Wrench Tool Roll

- Handy 4 piece set supplied in tool roll

Contents

Part No.	Length	Jaw Opening (Max.)
88150	150mm (6")	22mm
88200	200mm (8")	29mm
88250	250mm (10")	33mm
88300	300mm (12")	40mm



Adjustable Wrenches – Prime

- High quality budget option range
- Precision milled jaws for smooth operation
- Manufactured from drop forged carbon steel with chrome plating



Part No.	Length	Jaw Opening (Max.)	Jaw Width	Weight
89150	150mm (6")	20mm	6mm	110g
89200	200mm (8")	26mm	9mm	240g
89250	250mm (10")	32mm	9mm	400g
89300	300mm (12")	37mm	11mm	600g
89375	375mm (15")	46mm	11mm	1150g
89450	450mm (18")	53mm	14mm	1800g





WORKSHOP TOOLS

C-Hook Wrenches

- Available in 'Hook' or 'Pin' type configurations
- Both configurations feature hinged jaws allowing the wrench head to fit to parts of varying sizes within a range
- Used to tighten, loosen or hold machinery components such as retaining rings, couplings, or any notched or multi-faced tool
- Manufactured from drop forged vanadium steel for longevity and durability
- Ideal for automotive, industrial, plumbing and hardware applications



Hook Type

Part No.	Jaw Capacity	
	Metric	SAE
315150	19-51mm	3/4"-2"
315151	32-76mm	1 1/4"-3"
315152	51-121mm	2"-4 3/4"
315153	112-158mm	4 1/2"-6 1/4"

Pin Type

Part No.	Jaw Capacity		Pin Size	Part No. (Replacement Pin)
	Metric	SAE		
315154	19-51mm	3/4"-2"	4mm	315154A
315155	32-76mm	1 1/4"-3"	5mm	315155A
315156	51-121mm	2"-4 3/4"	6mm	315156A
315157	112-158mm	4 1/2"-6 1/4"	8mm	315157A

Flare Nut Wrench Sets

- Double ended flare nut wrenches available in Metric or SAE
- 3 piece sets to accommodate a wide range of sizes
- Ideal for automotive, hydraulic and refrigerant applications
- Manufactured from thick, drop forged vanadium steel provides the strength and rigidity required to remove tight and stubborn pipe and flare nut applications



Part No.	Description	Size	Length	Part No. (Spare)
301039	Metric	10 x 12mm	155mm	301694
		13 x 14mm	175mm	301695
		15 x 17mm	200mm	301696
301040	SAE	3/8" x 7/16"	155mm	301670
		1/2" x 9/16"	175mm	301671
		5/8" x 11/16"	200mm	301672



301166

E-Star Spanner Set Dual Head

- Double ended 'ring' style spanner set designed for the removal and installation of six point fasteners
- Manufactured from drop forged vanadium steel for superior strength and durability
- Ideal for late model automotive applications
- 6 piece set



Contents

Size	Qty	Size	Qty
E6 X E8	1	E14 x E18	1
E7 X E11	1	E16 x E22	1
E10 x E12	1	E20 x E24	1

Ratchet Wrenches

- Combination ring / open end design
- Available in fixed head, flexible head and stubby styles
- Features 72 (5°) tooth ratchet head assembly
- Individual wrenches supplied with hang sell packaging
- Sets supplied with tool rack organiser designed for wall mount or tool box storage
- Manufactured from tempered forged alloy steel with polished mirror chrome finish



Ratchet Wrenches Standard

Metric

Part No.	Size	Length
301765	6mm	135mm
301766	7mm	135mm
301767	8mm	135mm
301768	9mm	160mm
301769	10mm	160mm
301770	11mm	170mm
301771	12mm	170mm
301772	13mm	180mm
301773	14mm	190mm
301774	15mm	200mm
301775	16mm	205mm
301776	17mm	225mm
301777	18mm	240mm
301778	19mm	250mm
301779	20mm	280mm
301780	21mm	280mm
301781	22mm	280mm
301782	23mm	310mm
301783	24mm	310mm
301784	25mm	310mm

SAE

Part No.	Size	Length
301785	1/4"	135mm
301786	5/16"	135mm
301787	3/8"	160mm
301788	7/16"	165mm
301789	1/2"	175mm
301790	9/16"	190mm
301791	5/8"	205mm
301792	11/16"	225mm
301793	3/4"	245mm
301794	13/16"	280mm
301795	7/8"	280mm
301796	15/16"	305mm
301797	1"	305mm





WORKSHOP TOOLS

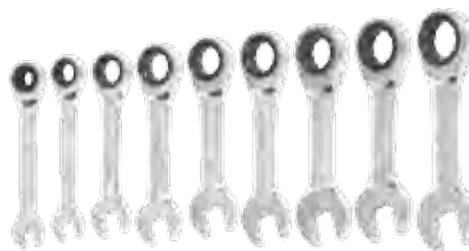
Ratchet Wrenches Stubby

Metric

Part No.	Size	Length
301911	6mm	95mm
301912	8mm	95mm
301339	10mm	95mm
301341	12mm	105mm
301342	13mm	105mm
301343	14mm	115mm
301344	15mm	120mm
301346	17mm	125mm
301348	19mm	135mm

SAE

Part No.	Size	Length
301363	3/8"	95mm
301364	7/16"	105mm
301365	1/2"	105mm
301366	9/16"	110mm
301367	5/8"	120mm
301362	11/16"	125mm
301368	3/4"	135mm



Ratchet Wrenches Flexible Head

Metric

Part No.	Size	Length
301405	8mm	135mm
301896	9mm	160mm
301406	10mm	160mm
301897	11mm	175mm
301407	12mm	175mm
301408	13mm	185mm
301409	14mm	195mm
301410	15mm	215mm
301898	16mm	215mm
301899	17mm	230mm
301411	18mm	250mm
301900	19mm	250mm

SAE

Part No.	Size	Length
301901	1/4"	135mm
301413	5/16"	135mm
301414	3/8"	155mm
301415	7/16"	175mm
301416	1/2"	185mm
301417	9/16"	195mm
301418	5/8"	215mm
301902	11/16"	230mm
301419	3/4"	250mm
301903	13/16"	280mm
301904	7/8"	280mm
301905	15/16"	310mm
301906	1"	310mm



Ratchet Wrenches Flexible Head, Stubby

Metric

Part No.	Size	Length
301913	6mm	95mm
301914	8mm	95mm
301915	10mm	95mm
301916	12mm	105mm
301917	13mm	105mm
301918	14mm	115mm
301954	15mm	120mm
301919	17mm	125mm
301920	19mm	135mm

SAE

Part No.	Size	Length
301945	5/16"	92mm
301946	3/8"	95mm
301947	7/16"	105mm
301948	1/2"	105mm
301949	9/16"	110mm
301953	5/8"	120mm
301951	11/16"	125mm
301952	3/4"	135mm





Ratchet Wrench Sets Standard

301480 Metric Set (7 Piece)

Part No.	Size	Length
301767	8mm	135mm
301769	10mm	160mm
301771	12mm	170mm
301772	13mm	180mm
301773	14mm	190mm
301774	15mm	200mm
301777	18mm	240mm

301481 SAE Set (7 Piece)

Part No.	Size	Length
301786	5/16"	135mm
301787	3/8"	160mm
301788	7/16"	165mm
301789	1/2"	175mm
301790	9/16"	190mm
301791	5/8"	205mm
301793	3/4"	245mm



301482 Metric Set (4 Piece)

Part No.	Size	Length
301780	21mm	280mm
301781	22mm	280mm
301783	24mm	310mm
301784	25mm	310mm

301483 SAE Set (4 Piece)

Part No.	Size	Length
301794	13/16"	280mm
301795	7/8"	280mm
301796	15/16"	305mm
301797	1"	305mm



301893 Metric Set (12 Piece)

Part No.	Size	Length
301767	8mm	135mm
301768	9mm	160mm
301769	10mm	160mm
301770	11mm	170mm
301771	12mm	170mm
301772	13mm	180mm
301773	14mm	190mm
301774	15mm	200mm
301775	16mm	205mm
301776	17mm	225mm
301777	18mm	240mm
301778	19mm	250mm

301892 SAE Set (13 Piece)

Part No.	Size	Length
301785	1/4"	135mm
301786	5/16"	135mm
301787	3/8"	160mm
301788	7/16"	165mm
301789	1/2"	175mm
301790	9/16"	190mm
301791	5/8"	205mm
301792	11/16"	225mm
301793	3/4"	245mm
301794	13/16"	280mm
301795	7/8"	280mm
301796	15/16"	305mm
301797	1"	305mm



Ratchet Wrench Sets Stubby

301338 Metric Set (7 Piece)

Part No.	Size	Length
301339	10mm	95mm
301341	12mm	105mm
301342	13mm	105mm
301343	14mm	115mm
301344	15mm	120mm
301346	17mm	125mm
301348	19mm	135mm

301361 SAE Set (7 Piece)

Part No.	Size	Length
301363	3/8"	95mm
301364	7/16"	105mm
301365	1/2"	105mm
301366	9/16"	110mm
301367	5/8"	120mm
301362	11/16"	125mm
301368	3/4"	135mm





WORKSHOP TOOLS

Ratchet Wrench Sets Flexible Head

301894 Metric Set (12 Piece)

Part No.	Size	Length
301405	8mm	135mm
301896	9mm	160mm
301406	10mm	160mm
301897	11mm	175mm
301407	12mm	175mm
301408	13mm	185mm
301409	14mm	195mm
301410	15mm	215mm
301898	16mm	215mm
301899	17mm	230mm
301411	18mm	250mm
301900	19mm	250mm

301895 SAE Set (13 Piece)

Part No.	Size	Length
301901	1/4"	135mm
301413	5/16"	135mm
301414	3/8"	155mm
301415	7/16"	175mm
301416	1/2"	185mm
301417	9/16"	195mm
301418	5/8"	215mm
301902	11/16"	230mm
301419	3/4"	250mm
301903	13/16"	280mm
301904	7/8"	280mm
301905	15/16"	310mm
301906	1"	310mm



301404 Metric Set (7 Piece)

Part No.	Size	Length
301405	8mm	135mm
301406	10mm	160mm
301407	12mm	175mm
301408	13mm	185mm
301409	14mm	195mm
301410	15mm	215mm
301411	18mm	250mm

301412 SAE Set (7 Piece)

Part No.	Size	Length
301413	5/16"	135mm
301414	3/8"	155mm
301415	7/16"	175mm
301416	1/2"	185mm
301417	9/16"	195mm
301418	5/8"	215mm
301419	3/4"	250mm



Ratchet Wrench Sets Flexible Head, Stubby

301944 Metric Set (5 Piece)

Part No.	Size	Length
301914	8mm	95mm
301915	10mm	95mm
301916	12mm	105mm
301917	13mm	105mm
301918	14mm	115mm

301950 SAE Set (5 Piece)

Part No.	Size	Length
301945	5/16"	92mm
301946	3/8"	95mm
301947	7/16"	105mm
301948	1/2"	105mm
301949	9/16"	110mm





Dual Head Ratchets - Reversible 4 in 1

- Four in one ratchets feature dual sized ratcheting reversible heads
- Features 72 (5°) tooth ratchet head assembly
- Manufactured from tempered forged alloy steel with polished mirror chrome finish

301820 SAE Set (2 Piece)

Description	Part No.	Head 1	Head 2
4 in 1 dual head ratchet set	301818	5/16" & 3/8"	7/16" & 1/2"
	301819	9/16" & 5/8"	11/16" & 3/4"

301821 Metric Set (3 Piece)

Description	Part No.	Head 1	Head 2
4 in 1 dual head ratchet set	301810	8 & 9mm	10 & 11mm
	301813	12 & 13mm	14 & 15mm
	301815	16 & 17mm	18 & 19mm

Additional Individual Sizes (Metric)

Part No.	Head 1	Head 2
301811	8 & 10mm	12 & 13mm
301812	9 & 11mm	14 & 15mm
301814	14 & 17mm	18 & 19mm
301816	20 & 21mm	22 & 24mm
301817	20 & 22mm	24 & 26mm



Torque Wrenches

- Click-stop type design with heavy duty cam for superior strength and durability
- Robust slim style, reversible 24 tooth ratchet head and security locking handle mechanism for heavy duty applications
- Supplied in individual custom moulded cases

Part No.	Drive Size	Overall Length	Dual Scale	
301097	1/4" Sq. Dr.	280mm	2-24 Nm	17-212 In. Lbs.
301098	3/8" Sq. Dr.	370mm	7-108 Nm	5-80 Ft. Lbs.
301099	1/2" Sq. Dr.	470mm	14-203 Nm	10-150 Ft. Lbs.
301349	3/4" Sq. Dr.	675mm	68-406 Nm	50-300 Ft. Lbs.



TTW01

Torque Wrench Merchandiser

- Compact, custom moulded merchandising display
- Contains 7 Toledo torque wrenches
- Size 735W x 500D x 250H (mm)

Contents

Part No.	Drive Size	Overall Length	Dual Scale		Qty
301097	1/4" Sq. Dr.	280mm	2-24 Nm	17-212 In. Lbs.	1
301098	3/8" Sq. Dr.	370mm	7-108 Nm	5-80 Ft. Lbs.	2
301099	1/2" Sq. Dr.	470mm	14-203 Nm	10-150 Ft. Lbs.	2
301349	3/4" Sq. Dr.	675mm	68-406 Nm	50-300 Ft. Lbs.	2





WORKSHOP TOOLS

Torque Screwdrivers

- Torque metered screwdriver ideal for screws, bolts and hose clamps where a specific torque is required
- Ergonomic handle includes inbuilt torque meter viewing window to set, lock or adjust the torque unit
- Includes socket attachments: 6, 7, 8 (mm)
- Suitable for use on all Tridon worm drive hose clamps
- Supplied in protective blow mould case

Part No.	Description
CTD-1	Short driver head, 1/4" Sq. Dr. 0.5Nm increments
CTD-2	Long driver head, 1/4" Sq. Dr. 0.5Nm increments



CTD-1



CTD-2

Crowfoot Wrenches

- Straight jaw and flared nut styles available in 3/8" and 1/2" square drive configurations
- Sets supplied in a blow mould case or socket rail organiser designed for tool box storage
- Manufactured from tempered forged alloy steel with polished black finish for superior strength and durability

301420

Crowfoot Wrench Set SAE 3/8" Sq. Dr.

- Straight jaw
- 3/8" Square Drive
- Size range: 3/8"-1"
- 11 piece set supplied in a protective blow mould storage case

Contents

Part No.	Size	Part No.	Size
301421	3/8"	301427	3/4"
301422	7/16"	301428	13/16"
301423	1/2"	301429	7/8"
301424	9/16"	301430	15/16"
301425	5/8"	301431	1"
301426	11/16"		



301191

Crowfoot Wrench Set Metric 3/8" Sq. Dr.

- Straight jaw
- 3/8" Square Drive
- Size Range: 10-26mm
- 15 piece set supplied in a protective blow mould storage case

Contents

Part No.	Size	Part No.	Size	Part No.	Size
301432	10mm	301437	15mm	301442	21mm
301433	11mm	301438	16mm	301443	22mm
301434	12mm	301439	17mm	301444	23mm
301435	13mm	301440	18mm	301445	24mm
301436	14mm	301441	19mm	301446	26mm





301465

Crowfoot Wrench Set Metric 1/2" Sq. Dr.

- Straight jaw
- 1/2" Square Drive
- Size Range: 27–50mm
- 14 piece set supplied in a protective blow mould storage case

Contents

Part No.	Size	Part No.	Size
301466	27mm	301473	36mm
301467	29mm	301474	38mm
301468	30mm	301475	41mm
301469	32mm	301476	43mm
301470	33mm	301477	46mm
301471	34mm	301478	48mm
301472	35mm	301479	50mm



321001

Crowfoot Wrench Set SAE 1/2" Sq. Dr.

- Straight jaw
- 1/2" Square Drive
- Size Range: 1 1/16"–2"
- 14 piece set supplied in a protective blow mould storage case

Contents

Size	Size
1-1/16"	1-1/2"
1-1/8"	1-5/8"
1-3/16"	1-11/16"
1-1/4"	1-3/4"
1-5/16"	1-13/16"
1-3/8"	1-7/8"
1-7/16"	2"



301574

Crowfoot Wrench Set Flared Metric 3/8" Sq. Dr.

- Flared type
- 3/8" Square Drive
- Size range: 10–19mm
- 10 piece set supplied on a convenient socket rail

Contents

Part No.	Size	Part No.	Size
301575	10mm	301580	15mm
301576	11mm	301581	16mm
301577	12mm	301582	17mm
301578	13mm	301583	18mm
301579	14mm	301584	19mm





301382

Crowfoot Wrench Set Flared Metric 3/8" & 1/2" Sq. Dr.

- Flared type
- 3/8" and 1/2" Square Drive
- Size range: 8–24mm
- 15 piece set supplied in a protective blow mould storage case

Contents

Part No.	Size	Square Drive	Part No.	Size	Square Drive
301383	8	3/8	301391	16	3/8"
301384	9	3/8"	301392	17	3/8"
301385	10	3/8"	301393	18	3/8"
301386	11	3/8"	301394	19	3/8"
301387	12	3/8"	301395	21	1/2"
301388	13	3/8"	301396	22	1/2"
301389	14	3/8"	301397	24	1/2"
301390	15	3/8"			



301669

Crowfoot Wrench Set Flared SAE 3/8" & 1/2" Sq. Dr.

- Flared type
- 3/8" and 1/2" Square Drive
- Size range: 3/8"–15/16"
- 10 piece set supplied on a convenient aluminium socket rail

Contents

Size	Square Drive	Size	Square Drive
3/8"	3/8"	11/16"	3/8"
7/16"	3/8"	3/4"	3/8"
1/4"	3/8"	13/16"	1/2"
9/16"	3/8"	7/8"	1/2"
5/8"	3/8"	15/16"	1/2"



301369

Crowfoot Wrench Set Flared SAE 3/8" & 1/2" Sq. Dr.

- Flared type
- 3/8" and 1/2" Square Drive
- Size range: 5/16"–1"
- 12 piece set supplied in protective blow mould storage case

Contents

Part No.	Size	Square Drive	Part No.	Size	Square Drive
301370	5/16"	3/8"	301376	11/16"	3/8"
301371	3/8"	3/8"	301377	3/4"	3/8"
301372	7/16"	3/8"	301378	13/16"	1/2"
301373	1/2"	3/8"	301379	7/8"	1/2"
301374	9/16"	3/8"	301380	15/16"	1/2"
301375	5/8"	3/8"	301381	1"	1/2"



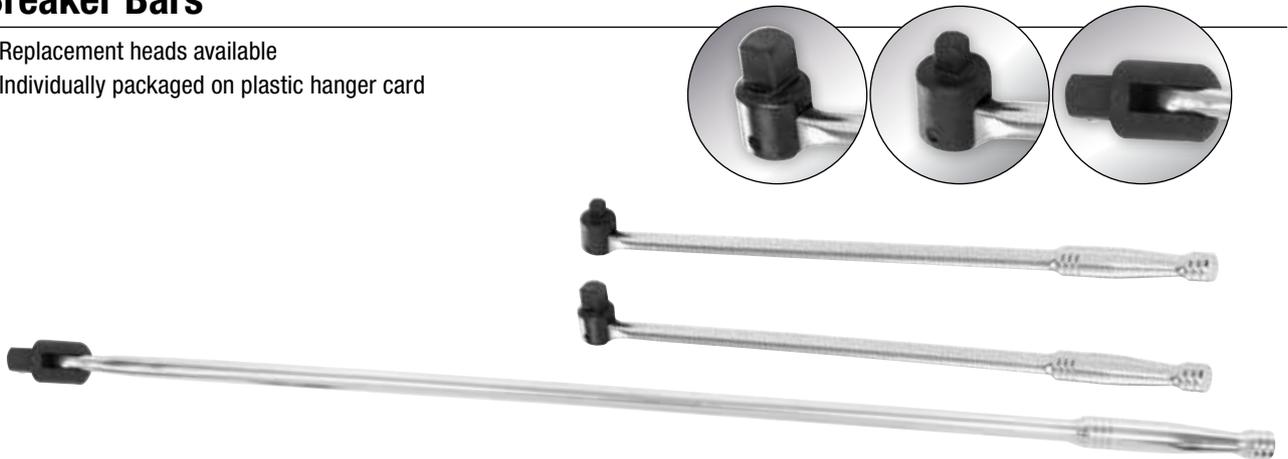


Breaker Bars - Professional

- Manufactured from heat treated drop forged chrome vanadium steel with corrosion resistant mirror-chrome finish
- Square drive design with 180° rotating head for increased versatility

Breaker Bars

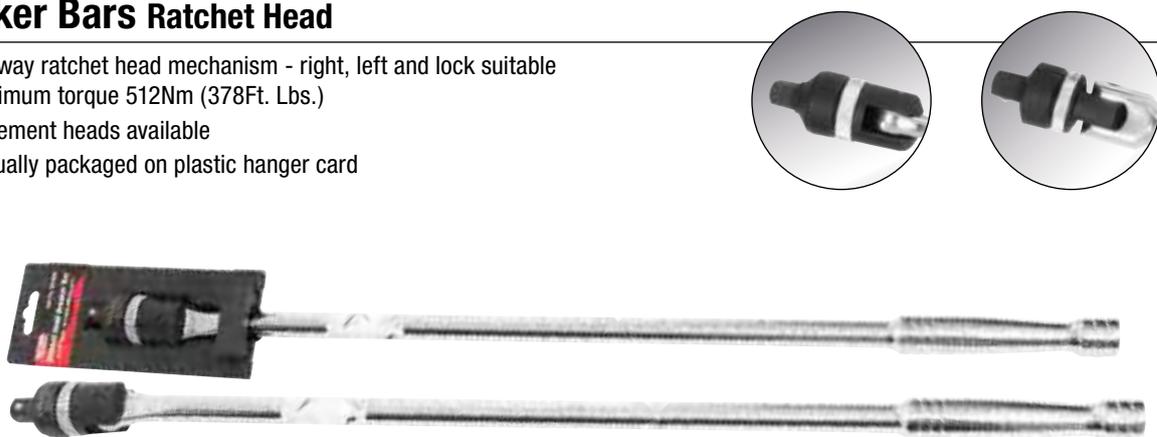
- Replacement heads available
- Individually packaged on plastic hanger card



Part No.	Description	Length	Replacement Head
301599	3/8" Sq. Dr.	610mm (24")	301599A
301245	1/2" Sq. Dr.	610mm (24")	301293
301246	3/4" Sq. Dr.	610mm (24")	301292
301922	3/4" Sq. Dr.	1000mm (40")	301292
301822	3/4" Sq. Dr. heavy duty (Thicker bar and neck)	1000mm (40")	301822A

Breaker Bars Ratchet Head

- Three-way ratchet head mechanism - right, left and lock suitable to maximum torque 512Nm (378Ft. Lbs.)
- Replacement heads available
- Individually packaged on plastic hanger card



Part No.	Description	Length	Replacement Head
301831	3/8" Sq. Dr. (Ratchet head)	450mm (18")	301831A
301935	1/2" Sq. Dr. (Ratchet head)	610mm (24")	301935A
301936	3/4" Sq. Dr. (Ratchet head)	610mm (24")	301936A



Breaker Bars Ratchet Head, Adjustable Length, High Torque

- Adjustable length high torque breaker bars provide greater flexibility and versatility
- Ratcheting head with high torque capabilities allows for use in heavier duty applications

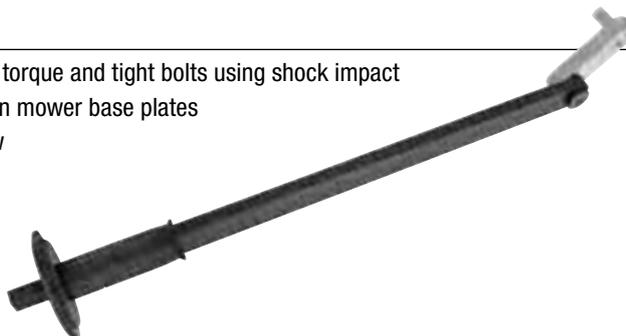
Part No.	Square Drive	Length	Replacement Head
321250	1/2"	420–610mm	321250A
321251	3/4"	610–915mm	301936A



301337

Powerbar Hand Impact Wrench

- Innovative impact wrench designed specifically to loosen high torque and tight bolts using shock impact
- Suitable for use on pulleys, fly wheels, couplings, flanges, lawn mower base plates
- Able to generate up to 600 Ft. Lbs of torque with a single blow
- Remove harmonic balancer pulleys without radiator removal
- Overall length: 560mm
- Replacement bolt assembly Part No. 301337A



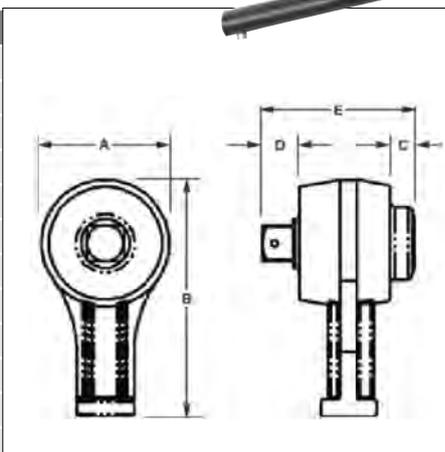
321009

Torque Multiplier Kit

- Professional tool designed for use in applications where a higher than otherwise achievable torque rating is required
- Multiplication ratio of 3 to 1 with planetary gear design
- Ideal for breaking difficult or frozen fastener applications
- Head assembly features
 - 1/2" square drive (female) for use with torque wrench, ratchet, breaker bar or power drive etc.
 - 3/4" square drive (male) for use with sockets
- Extension bar and stabiliser also included



Specification	
Multiplication Ratio	3:1
Input Square	1/2" Sq. Dr.
Max. Input	500Nm (365 Ft. Lbs)
Output Square	3/4" Sq. Dr.
Max. Output	1,500Nm (1,100 Ft. Lbs)
Accuracy	+/- 4%
Dimensions	A: 73mm
	B: 127mm
	C: 10mm
	D: 25mm
	E: 83mm
Weight	1,600g



CAUTION

- DO NOT EXCEED THE RATED CAPACITY. Excessive input force may result in tool failure and cause a sudden release of the input drive
- This tool is not suitable for use with input forces from impact tools. High shock loads will cause damage to the tool



T-Handle Wrenches Swivel Ratchet

- These versatile swivel ratchet wrenches are specifically designed to access screw fasteners where limited space is available
- Features an ergonomic moulded plastic T-handle to maximise comfort and manoeuvrability
- Convenient reversible ratchet heads make installing and removing hard to reach fasteners quick and easy
- Handle length: 300mm

Part No.	Description
301251	Hex 10mm
301252	Hex 12mm
301253	Hex 13mm
301254	Hex 14mm
301274	Torx 45
301256	Spline M10



Wobble Extension Bar Sets

- Extensions with unique male end offer 15° of adjustment for the attachment
- Spring loaded ball bearing holds attachment securely

Part No.	Square Drive	Length	Qty
301937	1/2"	50, 125, 250, 500 (mm)	4
301938	3/8"	45, 75, 150, 250, 450 (mm)	5



Quick Release Ratchet

- 72 teeth ratchet allows use in confined spaces
- Finger control disk provides one hand operation
- Manufactured from tempered alloy steel for superior strength and durability
- Comfort grip handle

Part No.	Square Drive	Length
301401	1/4"	145mm
301402	3/8"	210mm
301403	1/2"	250mm



STRIKING TOOLS

301275

Centre Punch Automatic

- Features adjustable spring loaded design for variable impact strength and hardened tip for long service life
- One handed operation, simply adjust to desired spring tension, press firmly against work piece for automatic centre punch
- Hammer not required for operation
- Length: 125mm; Tip: 0.9mm; Striking Face: 13mm
- Manufactured in industrial black and chrome finish with knurled body for extra grip
- Replacement tip available Part No. 301275A



Punch and Chisel Sets – Heavy Duty

- Manufactured from hardened steel with industrial black finish for strength and superior service life
- Heavy duty punch and chisel sets supplied in a durable tool roll

301181

Pin Punch Set Heavy Duty

- 7 piece set

Contents

Part No.	Style	Size (Ø)	Pin Length	Overall Length
301203	Pin punch	1.5mm (1/16")	20mm	100mm (4")
301204	Pin punch	2.5mm (3/32")	20mm	106mm (4 1/4")
301205	Pin punch	3mm (1/8")	23mm	120mm (4 3/4")
301206	Pin punch	4mm (5/32")	25mm	125mm (5")
301207	Pin punch	5mm (3/16")	30mm	133mm (5 1/4")
301208	Pin punch	6mm (1/4")	30mm	146mm (5 3/4")
301209	Pin punch	8mm (5/16")	35mm	150mm (6")



301182

Pin Punch Set Extra Long, Heavy Duty

- 5 piece set

Contents

Part No.	Style	Size (Ø)	Pin Length	Overall Length
301211	Pin punch - extra long	3mm (1/8")	90mm	200mm (8")
301212	Pin punch - extra long	5mm (3/16")	90mm	200mm (8")
301213	Pin punch - extra long	6mm (1/4")	90mm	200mm (8")
301214	Pin punch - extra long	8mm (5/16")	90mm	200mm (8")
301215	Pin punch - extra long	10mm (3/8")	90mm	200mm (8")





301183

Chisel Set Heavy Duty

- 6 piece set

Contents

Part No.	Style	Size	Overall Length
301192	Chisel	6mm (1/4")	125mm (5")
301193	Chisel	8mm (5/16")	125mm (5")
301194	Chisel	10mm (3/8")	140mm (5 1/2")
301195	Chisel	13mm (1/2")	150mm (6")
301196	Chisel	16mm (5/8")	165mm (6 1/2")
301197	Chisel	19mm (3/4")	200mm (7")



301184

Punch & Chisel Set Heavy Duty

- 7 piece set

Contents

Part No.	Style	Size	Pin Length	Overall Length
301195	Chisel	13mm (1/2")	–	150mm (6")
301196	Chisel	16mm (5/8")	–	165mm (6 1/2")
301197	Chisel	19mm (3/4")	–	175mm (7")
301198	Centre punch	4mm (5/32")	–	125mm (5")
301200	Drift punch	4mm (5/32")	–	230mm (9")
301205	Pin punch	3mm (1/8")	25mm	120mm (4 3/4")
301207	Pin punch	5mm (3/16")	30mm	133mm (5 1/4")



301185

Punch & Chisel Set Heavy Duty

- 13 piece set

Contents

Part No.	Style	Size	Pin Length	Overall Length
301195	Chisel	13mm (1/2")	–	150mm (6")
301196	Chisel	16mm (5/8")	–	165mm (6 1/2")
301197	Chisel	19mm (3/4")	–	175mm (7")
301199	Centre punch	6mm (1/4")	–	150mm (6")
301200	Drift punch	4mm (5/32")	–	230mm (9")
301201	Drift punch	5mm (3/16")	–	255mm (10")
301202	Drift punch	10mm (3/8")	–	255mm (10")
301204	Pin punch	2.5mm (3/32")	20mm	100mm (4")
301205	Pin punch	3mm (1/8")	25mm	120mm (4 3/4")
301207	Pin punch	5mm (3/16")	30mm	133mm (5 1/4")
301208	Pin punch	6mm (1/4")	30mm	146mm (5 3/4")
301209	Pin punch	8mm (5/16")	35mm	150mm (6")
301210	Centre punch	6mm (1/4")	–	125mm (5")





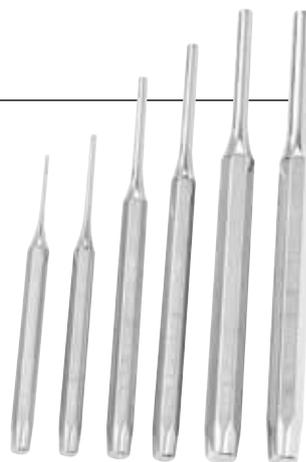
301608

Pin Punch Set

- Manufactured from alloy steel with mirror chrome finish

Contents

Part No.	Style	Size (Ø)	Pin Length	Overall Length
301609	Pin punch	2mm	25mm	115mm
301610	Pin punch	3mm	35mm	125mm
301611	Pin punch	4mm	40mm	150mm
301612	Pin punch	5mm	45mm	165mm
301613	Pin punch	6mm	50mm	180mm
301614	Pin punch	8mm	55mm	180mm



301620

Taper Punch Set

- Manufactured from alloy steel with mirror chrome finish
- 5 piece set supplied in storage case

Contents

Part No.	Style	Size (Ø)	Overall Length
301621	Taper punch	2mm	120mm
301622	Taper punch	3mm	120mm
301623	Taper punch	4mm	120mm
301624	Taper punch	5mm	120mm
301625	Taper punch	6mm	120mm



Chisel and Punch Sets

- Comprehensive multi function chisel and punch sets complete with an assortment of attachments
- Available in 12 or 14 piece sets



Part No.	Cape chisel	Tapered Punch	Flat Chisel	Cold Chisel (axe head)	Pin Punch	Tapered Drift	Protective Handle (spring loaded)
301921	6mm	3, 5 (mm)	14, 17, 20, 23, 26 (mm)	–	5, 6 (mm)	3, 6 (mm)	Included
301149	6mm	3, 5 (mm)	14, 17, 20, 23, 26, 60 (mm)	40mm	5, 6 (mm)	3, 6 (mm)	Included



Brass Pin and Drift Sets

- Manufactured from solid brass to prevent damage of hard surface materials
- Featuring a hexagonal or knurled shaft for superior grip
- Non sparking and non marring

301488

Brass Pin & Drift Punch Set

- 3 piece set

Contents

Part No.	Description	Size	Overall Length
301489	Pin punch	1/4"	100mm
301490	Pin punch	3/8"	150mm
301491	Drift punch	1/2"	200mm



301662

Brass Drift Punch Set

- 3 piece set

Contents

Part No.	Description	Size	Overall Length
301663	Drift punch	3/4"	200mm
301664	Drift punch	3/4"	300mm
301665	Starter punch	11/32"	250mm



301078

Brass Punch & Hammer Set

- 9 piece set

Contents

Description	Size	Overall Length
Tapered punches	7/16"	355mm
	3/8"	200mm
	3/8"	250mm
Pin punches	1/4"	100mm
	3/8"	150mm
	1/2"	200mm
	3/4"	250mm
Hammers	1/2 lb (225g)	-
	1 lb (450g)	-





Letter Punch Sets

- Available in 3–10mm punch sizes
- 27 piece sets containing upper case letters “A–Z” and “&” symbol
- Manufactured from hardened alloy steel with industrial black finish for strength and superior service life

Part No.	Punch Size
301626	3mm (1/8") Set
301627	5mm (3/16") Set
301628	6mm (1/4") Set
301629	8mm (5/16") Set
301630	10mm (3/8") Set



Number Punch Sets

- Available in 3–10mm punch sizes
- 9 piece sets containing numbers “0–9” (6 / 9 interchangeable)
- Manufactured from hardened alloy steel with industrial black finish for strength and maximum service life

Part No.	Punch Size
301615	3mm (1/8") Set
301616	5mm (3/16") Set
301617	6mm (1/4") Set
301618	8mm (5/16") Set
301619	10mm (3/8") Set



301943

Letter & Number Punch Set Automatic

- Features adjustable spring loaded design for variable impact strength and hardened punches for long service life
- One handed operation, simply adjust to desired spring tension, press firmly against work piece for automatic punch
- Hammer not required for operation
- Punch tool manufactured in brass and chrome finish with knurled body for extra grip
- 5mm punch size
- 38 piece set

Contents

Description	Qty
Automatic punch tool	1
Upper case letters “A–Z”	1 of each
Numbers “0–9” (6 / 9 reversible)	1 of each
Symbol “&”	1
Symbol “.”	1





Hollow Wad Punches

- Feature precisely ground induction hardened and tempered cutting edges
- Special design tip to prevent jamming of material inside the punch
- Manufactured from hardened steel with industrial black finish for strength and durability

Part No.	Punch Size	Part No.	Punch Size
321205	5mm	321213	13mm
321206	6mm	321214	14mm
321208	8mm	321216	16mm
321209	9mm	321219	19mm
321210	10mm	321220	20mm
321211	11mm	321225	25mm
321212	12mm		



321200

Hollow Wad Punch Set

- 6 piece set supplied in plastic case

Contents

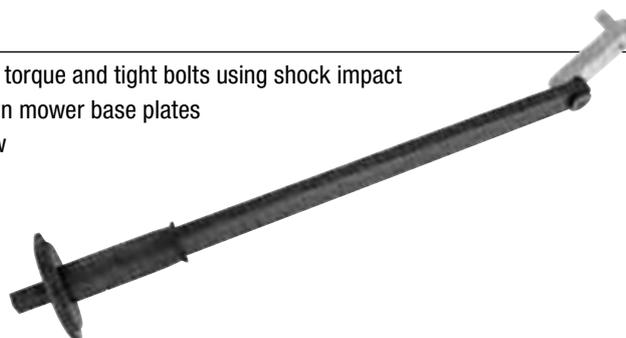
Part No.	Punch Size
321205	5mm
321206	6mm
321208	8mm
321210	10mm
321211	11mm
321212	12mm



301337

Powerbar Hand Impact Wrench

- Innovative impact wrench designed specifically to loosen high torque and tight bolts using shock impact
- Suitable for use on pulleys, fly wheels, couplings, flanges, lawn mower base plates
- Able to generate up to 600 Ft. Lbs of torque with a single blow
- Remove harmonic balancer pulleys without radiator removal
- Overall length: 560mm
- Replacement bolt assembly Part No. 301337A





Brass Hammers

- Brass construction prevents damage to hardened surfaces
- Non sparking and marring
- Soft hammer manufactured from brass with an aluminium non-slip knurled handle

Part No.	Weight
301857	6oz (170g)
301858	1lb (450g)
301859	2 ½ lb (1.13kg)
301860	3lb (1.36kg)
301861	4lb (1.8kg)



Dead Blow Hammers

- Featuring hollowed cylindrical heads containing steel pellets offering a dead blow and significant impact with the rise and fall of the hammer
- Non sparking and marring
- Manufactured from oil resistant SBR material with a moulded rubber handle for superior comfort and grip

Part No.	Face Diameter	Face Length	Overall Length	Weight
301079	35mm	90mm	280mm	0.57kg
301080	45mm	90mm	300mm	0.74kg
301081	55mm	110mm	350mm	1.20kg
301082	65mm	130mm	375mm	1.60kg



301317

Brick Bolster

- Hardened cutting edge (52–58 HRC) and striking face (up to 42 HRC)
- Features grip guard for safe operation
- Brick layers line pins also available: Part No. 301631 and 301632
- Manufactured from drop forged carbon steel

Specifications

Description	Size
Overall length	230mm
Blade width	100mm
Striking face	16mm



Bricklayer Line Pins

- Hardened and ground with bright chrome finish
- Suitable for use with hardened mortar
- Used in conjunction with builder's lines for marking out positions or aligning brickwork etc.
- Individually carded as a pair or box of 10
- Manufactured from drop forged alloy steel for superior strength and durability

Part No.	Length	Quantity
301631	150mm	Pair
301632	150mm	10





THREAD & BOLT TOOLS

301064

Thread Gauge Set

- Designed to easily identify thread diameter and pitch sizes including metric, SAE, UNF, UNC and BSP styles
- Holes in gauges allow easy identification of component sizes
- 4 piece set suitable for use to identify bolts, fittings, pipe and spark plug sizes
- Manufactured from soft aluminium alloy



Style	Thread	
	Size	Pitch
Metric	2.5– 22mm	0.45–2.5mm
USS (Small)	#5 – #12 1/4" – 3/8"	16–44 TPI
USS (Large)	1/16"–1/2" 10–18mm (1/16"–1/2")	10–28 TPI 1.00, 1.25, 1.50 (mm) 14, 18, 27 (TPI)

301067

Thread Pitch Gauge Set

- 2 piece set designed to easily identify metric and SAE thread pitch sizes
- 12 pitch blades per tool
- Manufactured from stainless steel for superior strength and durability



Contents

Metric		SAE	
0.5	1.0	12	24
0.6	1.25	13	27
0.7	1.5	14	28
0.75	1.75	16	32
0.8	27 (SAE)	18	36
0.9	28 (SAE)	20	40

301068

Thread Restoring Set

- Designed to restore damaged, worn or corroded threads
- Suitable for left and right handed threads of almost any diameter
- 5 piece set features three thread files with 24 external thread pitches and two thread gauges
- Suitable for Metric or SAE (UNC and UNF) threads



Contents

Description	Style	Pitch
Thread File No. 1	Metric	0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.50, 3.00 (mm)
Thread File No.2	SAE - UNC	11, 12, 13, 14, 16, 18, 20, 24 (TPI)
Thread File No.3	SAE - UNF	9, 10, 12, 16, 20, 27, 28, 32 (TPI)
Thread Gauge	Metric	0.4, 0.45, 0.5, 0.6, 0.7, 0.75, 0.8, 1.0, 1.25, 1.5, 1.75, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0 (mm)
Thread Gauge	SAE	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 19, 20, 22, 24, 26, 27, 28, 32 (TPI)



Thread Files

- Designed to restore damaged, worn or corroded threads
- Suitable for left and right handed threads of almost any diameter
- Features 8 internal thread repairers (thread identifiers) and 8 external thread files
- Available in metric or SAE thread pitch designs
- Manufactured from heat treated plated steel
- Overall length: 230mm



Part No.	Description	Thread Pitch
301065	Metric	0.80, 1.00, 1.25, 1.50, 1.75, 2.00, 3.00 (mm)
301066	SAE	10, 11, 12, 14, 16, 18, 20, 24 (TPI)

301450

Thread Restoring Set Metric

- Designed to restore damaged, worn or corroded threads
- Suitable for metric threads
- 15 piece set features thread file, thread tap and dies

Contents

Description	Thread Pitch		
Thread File No. 1	0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.50, 3.00 (mm)		
Part No.	Metric Dies	Part No.	Metric Taps
301451	M6 x 1.00	301458	M6 x 1.00
301452	M8 x 1.25	301459	M8 x 1.25
301453	M10 x 1.25	301460	M10 x 1.25
301454	M10 x 1.50	301461	M10 x 1.50
301455	M12 x 1.25	301462	M12 x 1.25
301456	M12 x 1.50	301463	M12 x 1.50
301457	M12 x 1.75	301464	M12 x 1.75



301500

Thread Restoring Set SAE

- Designed to restore damaged, worn or corroded threads
- Suitable for SAE, UNF and UNC threads
- 18 piece set features thread files and dies

Contents

Description	Thread Pitch		
Thread File No.2	11, 12, 13, 14, 16, 18, 20, 24 (TPI)		
Thread File No.3	9, 10, 12, 16, 20, 27, 28, 32 (TPI)		
Part No.	UNF Dies	Part No.	UNC Dies
301501	1/4"	301509	1/4"
301502	5/16"	301510	5/16"
301503	3/8"	301511	3/8"
301504	7/16"	301512	7/16"
301505	1/2"	301513	1/2"
301506	9/16"	301514	9/16"
301507	5/8"	301515	5/8"
301508	3/4"	301516	3/4"





Axle Spindle Thread Restoring Sets

- Speciality tools designed for carrying out re-threading and repairs to axle threads on spindles
- The 8 popular metric and imperial size dies are made of high quality tempered steel for superior strength and durability
- Unique twist shape makes repairs easier by allowing for maximum force with minimum effort

301518

Axle Spindle Thread Restoring Set

- 8 piece set

Contents

ID	Size	Metric / UNEF
1	20 x 1.25	Metric
2	20 x 1.5	Metric
3	22 x 1	Metric
4	24 x 1	Metric
5	24 x 1.25	Metric
6	24 x 1.5	Metric
7	3/4 x 20	UNEF
8	13/16 x 20	UNEF



301519

Axle Spindle Thread Restoring Set

- 8 piece set

Contents

ID	Size	Metric / UNEF
1	20 x 1.25	Metric
2	20 x 1.5	Metric
3	22 x 1	Metric
4	22 x 1.5	Metric
5	24 x 1.5	Metric
6	24 x 2	Metric
7	3/4 x 20	UNEF
8	13/16 x 20	UNEF



301520

Axle Spindle Thread Restoring Set

- 9 piece set

Contents

ID	Size	Metric / UNEF
1	20 x 1.25	Metric
2	20 x 1.5	Metric
3	22 x 1	Metric
4	22 x 1.5	Metric
5	24 x 1.5	Metric
6	24 x 2	Metric
7	3/4 x 20	UNEF
8	13/16 x 20	UNEF
9	Adaptor	-





321010

Thread Restoring Tap, Die & File Master Set

- Thread restoring kit for the repair and maintenance of damaged threads
- Suitable for restoring a wide variety of metric and SAE threads
- Includes tap and dies covering metric and SAE (UNC and UNF) and three double ended thread files
- Colour coded for identification between UNF, UNC and Metric
- All tap and dies are hex shaped
- Supplied in plastic case with identification locations
- 51 piece set



Contents

Description	Sizes
Thread File No. 1	Metric: 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.50, 3.00 (mm)
Thread File No. 2	SAE - UNC: 11, 12, 13, 14, 16, 18, 20, 24 (TPI)
Thread File No. 12	SAE - UNF: 8, 9, 10, 11½, 20, 27, 28, 32 (TPI)

UNC Taps	UNC Dies	UNF Taps	UNF Dies	METRIC Taps	METRIC Dies
1/4 x 20 UNC	1/4 x 20 UNC	1/4 X 28 UNF	1/4 X 28 UNF	M6 x 1.00	M6 x 1.0
5/16 x 18 UNC	5/16 x 18 UNC	5/16 x 24 UNF	5/16 x 24 UNF	M8 x 1.25	M8 x 1.25
3/8 x 16 UNC	3/8 x 16 UNC	3/8 x 24 UNF	3/8 x 24 UNF	M8 x 1.50	M8 x 1.50
7/16 x 14 UNC	7/16 x 14 UNC	7/16 x 20 UNF	7/16 x 20 UNF	M10 x 1.00	M10 x 1.00
1/2 x 13 UNC	1/2 x 13 UNC	1/2 x 20 UNF	1/2 x 20 UNF	M10 x 1.25	M10 x 1.25
9/16 x 12 UNC	9/16 x 12 UNC	9/16 x 18 UNF	9/16 x 18 UNF	M10 x 1.50	M11 x 1.50
-	5/8 x 11 UNC	-	5/8 x 18 UNF	M11 x 1.50	M12 x 1.25
-	-	-	-	M12 x 1.25	M12 x 1.50
-	-	-	-	M12 x 1.50	M12 x 1.75
-	-	-	-	M12 x 1.75	M14 x 1.50
-	-	-	-	M14 x 1.50	-

Note: This tool kit is not suitable for use with hardened threads or for cutting new threads

301152

Thread Chaser Set External

- Universal outside thread chaser specifically designed with precision dies to restore and repair damaged threads
- Features 6 interchangeable precision dies to suit a wide selection of modern vehicle fastener threads and studs
- Used prior to disassembly can prevent long equipment down times and costly thread or stud repairs

Repair and recondition:

1. Check for the thread size of the damaged fitting
2. Select applicable die (see table below)
3. Use a clean cloth or soft bristle brush (Toledo 301001) to remove excess dirt
4. Apply a small amount of lubricant to minimise friction
5. Carefully position the thread chaser onto the damaged fitting ensuring that you engage undamaged threads
6. Wind the chaser back along the good threads until damage thread is engaged
7. For every two clockwise turns make one counter clockwise
8. Remove the chaser and clean
9. Inspect the finished thread



Die Sizes

SAE	4, 5, 6, 7, 7.5, 8, 9, 10, 11, 11.5, 12, 14, 16, 18, 20 & 24 (TPI)
Metric Pitch	1.0, 1.25, 1.5, 1.75, 2.0, 2.5, 3.0 & 4.0 (mm)



301076

Nut Splitter Set 3–25mm

- Designed for the removal of rusted, seized or stubborn nuts safely and without damage to the stud or bolt
- Features a flat round head design to allow operation in areas where working space is limited
- Manufactured from drop forged vanadium steel for superior strength and durability under impact
- 2 piece set

Contents

Nut Splitter	Range	Hex Drive	Overall length
Small	3–16mm	14mm	95mm
Large	10–25mm	19mm	120mm



301285

Nut Splitter Set 9–27mm

- Comprehensive kit designed for the removal of rusted, seized or stubborn nuts safely and without damage to the stud or bolt
- Features a flat round head design to allow operation in areas where working space is limited
- Manufactured from drop forged vanadium steel for superior strength and durability under impact
- 4 piece set

Contents

Part No.	Range	Hex Drive
301286	9–12mm	12mm
301287	12–16mm	14mm
301288	16–22mm	19mm
301289	22–27mm	21mm



301750

Nut Splitter Kit Hydraulic, 10–48mm

- Comprehensive kit for the removal of rusted, seized or stubborn nuts safely and without damage to the stud or bolt
- Incorporating the Toledo 10 Tonne hydraulic power system, this kit is intended for the toughest applications
- Manufactured from hardened drop forged vanadium steel for superior strength and durability under impact
- Suitable for nut sizes: 10–48mm

Contents

Part No.	Description	Range / Size
265100	Hydraulic Ram	10 Tonne
265001	Ram Repair Kit	–
301752	Splitter	27–48mm
301753	Splitter	23–27mm
301754	Splitter	16–23mm
301755	Splitter	13–16mm
301756	Splitter	10–13mm
301757	Ram Attachment	–
301758	Bush Attachment	–
301759	Blade	27–48mm
301760	Blade	23–27mm
301761	Blade	16–23mm
301762	Blade	13–16mm
301763	Blade	10–13mm
301764	Screw Hex (Ram)	–





Stud Remover Sets

- Removes studs quickly and easily via a cam roller style operation eliminating the need for excessive force
- Popular sizes to accommodate a wide range of stud applications found on modern passenger and light commercial vehicles
- Manufactured from high quality chrome vanadium steel for superior durability, longevity and strength

301550

Stud Remover Set SAE

- 6 piece set

Contents

Part No.	Description	Size	Maximum Torque
301551	Stud remover concentric	3/16"	15–16ft.lb. (20Nm)
301552	Stud remover concentric	1/4"	
301553	Stud remover concentric	5/16"	
301554	Stud remover concentric	3/8"	25ft.lb. (33Nm)
301555	Stud remover concentric	7/16"	
301556	Stud remover concentric	1/2"	



301600

Stud Remover Set Metric

- 7 piece set

Contents

Part No.	Description	Size	Maximum Torque
301601	Stud remover concentric	5mm	15–16ft.lb. (20Nm)
301602	Stud remover concentric	6mm	
301603	Stud remover concentric	7mm	
301604	Stud remover concentric	8mm	25ft.lb. (33Nm)
301605	Stud remover concentric	10mm	
301606	Stud remover concentric	12mm	
301607	Stud remover concentric	14mm	



301910

Stud Setter & Extractor

- Compact and versatile stud extractor ideal for removing broken or seized studs
- Eccentric rotating operation designed for maximum force with little effort
- 1/2" square drive attachment
- Stud capacity: 6–19mm

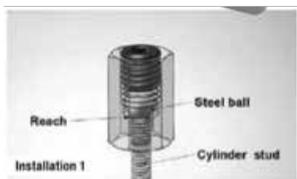
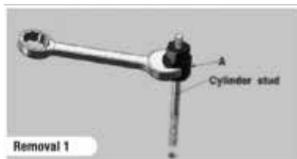
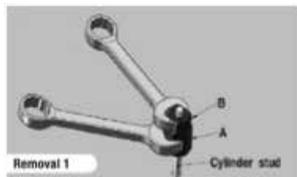




301000

Stud Remover & Installer Kit

- Compact stud extractor kit also used for stud installation, eliminating the need for additional adaptors or nuts
- Unique thread locking design prevents damage to studs during installation and removal
- Features 8 sizes selected to suit common automotive applications



Contents

Sizes

- M6 x 1.0
- M8 x 1.25
- M10 x 1.25
- M10 x 1.5



Directions for use

Removal:

- Step 1. Screw the remover as far as possible onto the stud (B)
- Step 2. Operate two wrenches simultaneously and lock remover (A) and (B) together
- Step 3. Hold wrench firmly on part (A) and unscrew until the stud is removed

Installation:

- Step 1. Screw the new stud into the installer until the steel ball is reached
- Step 2. Screw the stud into the cylinder hole
- Step 3. Loosen the Allen key screw on top of the installer when the stud is screwed in and tight. The installer should loosen easily

301534

Screw Extractor Drill & Guide Set

- Comprehensive extractor kit is designed for the removal of stubborn broken studs and screws using a drill
- Fluted extractors provide a solid grip on broken studs or screws ranging from 3/16" to 9/16" (4–14mm)
- Removes studs with the highest allowable torque without expansion, breaking or jamming
- Ideal kit for automotive, building, engineering, plumbing and electrician trades



Contents

Guide	Guide Diameter	Drill Pieces	Extractor	Extractor Guides	Extractor Pieces
G1	9/32" (7.14mm)	1/8" (3.175mm)	N1	1/8" (3.175mm)	1/8" (3.175mm)
G2	5/16" (7.94mm)	3/16" (4.76mm)	N2	3/16" (4.76mm)	3/16" (4.76mm)
G3	11/32" (8.73mm)	1/4" (6.35mm)	N3	1/4" (6.35mm)	1/4" (6.35mm)
G4	3/8" (9.35mm)	5/16" (7.92mm)	N4	5/16" (7.92mm)	5/16" (7.92mm)
G5	13/32" (10.32mm)	11/32" (8.73mm)	N5	11/32" (8.73mm)	11/32" (8.73mm)
G6	7/16" (11.11mm)				
G7	15/32" (11.91mm)				
G8	1/2" (12.70mm)				
G9	17/32" (13.49mm)				
G10	9/16" (14.29mm)				



301075

Screw Extractor Set

- For removal of broken screws, bolts or studs
- Utilises left hand thread design to lock and remove broken component
- Ideal for automotive, industrial and hardware applications
- 6 piece set suitable for use on screw or bolts from 3–25mm
- Manufactured from heat treated high grade steel for superior strength and durability

Contents

Extractor	Size
No. 1	M3 (1/8")–M6 (1/4")
No. 2	M6 (1/4")–M8 (5/16")
No. 3	M8 (5/16")–M11 (7/16")
No. 4	M11 (7/16")–M14 (9/16")
No. 5	M14 (9/16")–M18 (3/4")
No. 6	M18 (3/4")–M25 (1")



Twist Socket Sets

- Toledo twist sockets remove damaged or seized nuts, bolts, studs and nipples easily and efficiently
- Eliminates the need for chiselling, hammering or pliers to remove stubborn and seized components
- Manufactured for impact use and constructed from a tough, heat treated ductile alloy steel for superior strength and durability

301544

Socket Set Single Twist

- Features 3 reversible sockets with a single twist socket at one end and single hex at the other to maximise versatility
- Sizes to accommodate popular modern vehicle applications, and a convenient tool pouch to secure the set
- 4 piece set

Contents

Part No.	Description
301545	17mm socket
301546	19mm socket
301547	21mm socket
301548	1/2" Sq. Dr. bit holder



301585

Socket Set Double Twist

- Features 3 reversible sockets with a single twist socket at one end and double twist socket for added grip and a larger bite at the other
- Sizes to accommodate popular modern vehicle applications, and a convenient tool pouch to secure the set
- 4 piece set

Contents

Part No.	Description
301586	17mm socket
301587	19mm socket
301588	21mm socket
301589	1/2" Sq. Dr. bit holder





301521

Socket Set Single Twist

- Features 10 single twist sockets to remove damaged or seized nuts, bolts, studs and nipples easily and efficiently
- Sizes to accommodate popular modern vehicle applications
- Manufactured from heat treated high grade steel for strength and durability
- 12 piece set

Contents

Part No.	Description	Square Drive
301522	8mm socket	3/8"
301523	10mm socket	3/8"
301524	12mm socket	3/8"
301525	13mm socket	3/8"
301526	14mm socket	1/2"
301527	15mm socket	1/2"
301528	16mm socket	1/2"
301529	17mm socket	1/2"
301530	19mm socket	1/2"
301531	21mm socket	1/2"
301532	Small T bar 8mm	-
301533	Large T bar 8-12mm	-



301719

Dowel Pin Remover Kit Metric

- Remove worn or damaged dowels and alignment pins quickly and efficiently with this comprehensive collet kit
- Suitable for automotive applications such as engine blocks and cylinder heads, crankshafts and camshafts
- Features a hardened chrome vanadium steel slide hammer and 6 collets with sizes suited to modern passenger and light commercial vehicles
- 9 piece set supplied in blow mould storage case

Contents

Part No.	Description	Size
301720	Slide hammer, shaft & T bar	-
301721	Collet socket	-
301722	Collet	6mm
301723	Collet	8mm
301724	Collet	10mm
301725	Collet	12mm
301726	Collet	14mm
301727	Collet	16mm



301492

Dowel Pin Punch Set

- Designed specifically to fit new dowel pins accurately and without damage to the surrounding surface
- Each pin punch features shaped ends to ensure correct alignment
- Includes 6 metric sizes suitable for a wide range of automotive and industrial applications

Contents

Part No.	Size
301493	3mm (1/8")
301494	4mm (5/32")
301495	5mm (3/16")
301496	6.5mm (7/32")
301497	8mm (1/4")
301498	9.5mm (3/8")



TOOL ORGANISERS

Socket Rail Organisers

- Suitable for holding up to 16 standard or deep sockets
- Manufactured from anodized aluminium for rust resistance and durability
- Overall length: 410mm

Part No.	Square Drive
301598	1/4"
301597	3/8"
301596	1/2"



Storage Trays

- Useful storage trays with strong in-built magnet
- Attach to all metal surfaces. Common uses include attaching to hoists, scissor lifts, steel workbenches etc.
- Ideal for storing and holding small parts, nuts, bolts and screws neatly and securely during dismantle and reassembly
- Great time saver, handy on the spot storage option, simple yet highly useful storage trays



301635

301006

301398

301188

301634

Part No.	Tray Shape	Tray Size	Tray Depth	Magnet Size
301635	Round	100mm Ø	18mm	1 x 60mm Ø
301006	Round	150mm Ø	38mm	1 x 80mm Ø
301398	Rectangular	240 x 140 (mm)	30mm	2 x 80mm Ø
301188	Rectangular	330 x 255 (mm)	30mm	4 x 80mm Ø
301634	Rectangular	350 x 150 (mm)	30mm	3 x 80mm Ø

Spanner Rack Organisers

- Versatile spanner organiser manufactured from high impact plastic for superior strength and durability
- Features built in eyelet mounting holes ideal for wall mounting, shadow boards or tool chest applications
- Designed to neatly store open end, ring or combination spanners

Part No.	Storage Quantity	Size
301167	12 Piece	230mm
301108	15 Piece	300mm





301169

Tool Box Rubber Mat

- Durable non slip rubber mat ideal for lining tool chest drawers or for protection between top chest and roller cabinet
- Prevents tools from moving and causing damage to tools and tool chest surfaces
- Size: 1950 x 600mm



Air Gun/Power Tool Holder

- Handy storage units for impact wrench and sockets in the workshop
- Holds one impact air wrench and four sockets
- Magnets on reverse side attach to metal holdings



301187



301448

Part No.	Description	Overall Length
301187	Nylon frame, two round magnets	370mm
301448	Heavy duty PVC dipped frame, four magnets, screw mountable	350mm

GENERAL

301101

Torque Setting Angle Gauge 1/2" Sq. Dr.

- Designed to measure the angle of rotation following pre-torque adjustment, where a torque angle adjustment is specified
- Provides the ability to measure a range of 0–360° in 2° increments and intervals of 10° and 30°
- Features a rotating housing used to zero the gauge and adjustable rod to secure gauge in position while in use
- 1/2" square drive operation





301295

Deburring Tool

- Designed for removing internal and external surface burrs following cutting or drilling
- Suitable for materials having spiral chips such as steel, aluminium, copper, and zinc
- Features an ergonomic handle and versatile swivel blade for manoeuvrability to work at any angle
- Supplied with additional HSS M35 Grade blade
- Spare blades available Part No. 301295A



301071

Wiper Arm Removal Tool

- For the removal of windscreen wiper arms from both tapered and splined spigots
- Compact tool allows easy access in confined spaces
- Eliminates damage to surrounding paintwork
- 16mm shank, working height 26mm



301276

Gas Strut Shaft Support Tool

- Features plastic moulded end cap to eliminate damage of the strut shaft during use
- Supports and locks onto gas strut shafts to enable worn gas strut to be fixed in the extended position during service
- Suitable for all gas struts on bonnets, boots or hatchbacks by clamping and locking to the shaft of the strut
- Manufactured with alloy body and brass screw



301678

Tweezers Set

- Set of six stainless steel tweezers varying in style, shape and size
- Length ranges from 115–175mm
- Handy set for miscellaneous work around the workshop and DIY purposes





301655

Caulking Gun

- Manufactured using solid metal construction
- Dispenses sealant, silicone and other popular cartridges
- Suits standard size cartridges
- Length: 350mm



Guard Covers Magnetic

- Specifically designed to protect paint work and working area during maintenance and repairs
- Conforms to the shape of the vehicle and remains in place by fixing securely with magnets
- Featuring an inner skin made from a soft, non-scratching PVC sponge leather, and outer skin made from strong and durable non-scratching vinyl
- Available in two sizes



Part No.	Size
301941	800 x 600mm
301942	1050 x 580mm

301164

Windscreen Washer Tool Nozzle Cleaning Needle

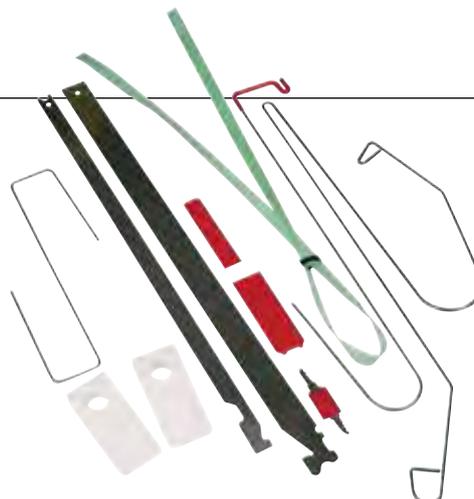
- Double ended windscreen washer cleaning and adjustment tool
- For cleaning and adjustment of windscreen washer nozzle jets
- Enables adjustment to the washer spray direction by using the needle
- Manufactured from steel with knurled body
- Length: 95mm



301161

Lock Out Tool Kit Universal

- Suitable for opening a wide range of vehicle makes
- Consult vehicle service, workshop repair instructions prior to use
- Comprehensive professional tool kit of specialty automotive lock out tools
- Not to be used for illegal purposes



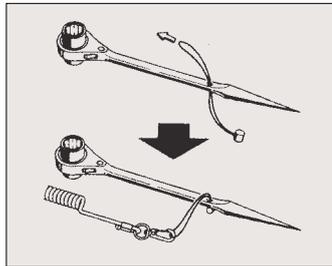
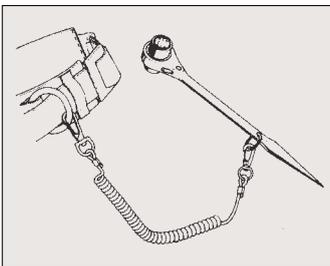
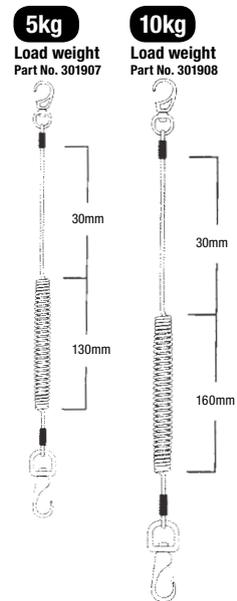


Security Spring Hooks

- Designed for securing tools when working at high levels such as roofs, scaffolding etc, to prevent loss of tools and downtime retrieving fallen tools
- Stainless steel wire, PU coated
- Spring hooks attach to belt and tool to prevent tools from falling if dropped
- Available in 5kg and 10kg rated strength
- Supplied with small wire and ring to attach tool to body or fixing point



Part No.	Load Weight	Working Length	Maximum Extension
301907	5kg	430mm	1400mm
301908	10kg	1800mm	



301809

Hand Rivet Tool

- Features spring loaded handle and rotating head for easy operation
- Suitable for rivet sizes 2.4mm, 3.2mm, 4.0mm and 4.8mm
- Interchangeable heads for each rivet size, with spanner included
- Manufactured using solid metal construction with plastic handles
- Overall length: 280mm



301109

Grinding Wheel Dresser

- Designed for dressing, truing, sharpening and removing glaze from solid abrasive wheels
- Manufactured with high speed steel cutter roll and plastic handle
- Length: 125mm
- Cutter size: 32mm (dia.) x 20mm(w)

