



WARREN & BROWN
TOOLS

100+





**WARREN & BROWN
TOOLS**

Warren & Brown Tools has been a proud Australian manufacturer and supplier of quality products to the Tooling & Automotive industries since 1921.

Today, the Warren & Brown Tools brand is synonymous with first-class precision, quality & durability that lasts.

Our highly skilled and knowledgeable team are here in Australia, ready to assist with product advice to ensure you have the right products for the job.



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TORQUE SETTING



DEFLECTING BEAM TORQUE WRENCHES

Description:

Deflecting beam torque wrenches work by applying torque to a deflecting beam rather than a coil spring. With no wearing parts, the unique design ensures accuracy of +/- 2% throughout the range of the wrench.

The torque setting can easily be set via a sliding scale which displays the torque units. The dual signal feature allows the user to see, feel and hear when the selected torque has been reached. When working in a noisy environment, the operator can see the signal mechanism release without relying solely on an audible notification.

WB Tools deflecting beam torque wrenches are an icon in the Australian automotive industry. With unparalleled accuracy and durability enabling it to stand the test of time, they're still regarded as an invaluable tool for any serious mechanic.

Features:

- Accuracy +/- 2%
- Deflecting beam mechanism (no spring)
- Dual signal (see and hear when the wrench has reached the selected torque)
- Torque units displayed in ft.lbs, Nm & kg-cm
- Supplied in a protective plastic carry case
- Rigidity - all steel construction (Made in Australia)
- Durability - no wearing parts
- Meets or exceeds international standards
- Certificate of calibration can be provided on request
- Lifetime warranty on deflection bar
- Manufactured in Australia



WB		imperial	Nm	cm	KG
320500*	3/8"	10 - 220in.lbs.	1 - 25Nm	20	.45
320510*	1/4"	10 - 220in.lbs.	1 - 25Nm	20	.45



WB		imperial	Nm	cm	KG
324500	3/4"	50 - 300ft.lbs.	60 - 400Nm	60	3.8



WB		imperial	Nm	cm	KG
321500	3/8"	4 - 90ft.lbs.	5 - 120Nm	37	1.30



WB		imperial	Nm	cm	KG
324150	3/4"	80 - 400ft.lbs.	100 - 540Nm	89	7.1
325500	1"	100 - 500ft.lbs.	140 - 680Nm	89	7.1
325510	3/4"	100 - 500ft.lbs.	140 - 680Nm	89	7.1
325520*	3/4"	100 - 500ft.lbs.	140 - 680Nm	89	7.1



WB		imperial	Nm	cm	KG
322500	1/2"	10 - 140ft.lbs.	10 - 185Nm	42	1.62
323500	1/2"	20 - 220ft.lbs.	30 - 300Nm	49	2.2
332600#	1/2"	20 - 220ft.lbs.	30 - 300Nm	51	2.8



WB		imperial	Nm	cm	KG
325750*	3/4"	150 - 750ft.lbs.	205 - 1020Nm	128**	17
326500	1"	200 - 1000ft.lbs.	260 - 1340Nm	140**	20

*Left or right hand operation

#Ratcheting head model

*Packaged length: 192cm

TORQUE SETTING

DEFLECTING BEAM TORQUE WRENCH ADAPTORS

Standard type & safety lock type adaptors



WB		imperial	Nm
390010	1/2"	220ft.lbs.	300Nm
390040	3/8"	80ft.lbs.	110Nm
390060	3/4"	300ft.lbs.	400Nm
390110	1"	1000ft.lbs.	1350Nm
390230+	1"	1000ft.lbs.	1350Nm

All the above adaptors are male to male.

+ These adaptors are fitted with a safety lock.

Safety lock adaptors are designed to suit wrenches above 300 ft.lb. (400Nm). Recommended for use with large sockets.



WB		imperial	Nm
390030	3/8" - 1/2"	80ft.lbs.	110Nm
390090	9/32" - 1/4"	220ft.lbs.	20Nm
390130	1/2" - 3/4"	200ft.lbs.	270Nm
390140	3/4" - 1"	500ft.lbs.	680Nm
390150	9/32" - 3/8"	220 ft.lbs.	20Nm
390240+	3/4" - 1"	500ft.lbs.	680Nm
390340	3/4" - 1"	750.lbs.	1012Nm

MICROMETER TORQUE WRENCH RATCHET HEADS



P/N: 376 RH

WB	
376RH	Micrometer torque wrench ratchet head to suit 376000
377RH	Micrometer torque wrench ratchet head to suit 377000

Ratchet heads suitable for the 376000 & 377000 Micrometer Torque Wrenches.

Features:

Left & right hand operation
Ratchet lock

MICROMETER TORQUE WRENCHES

Micrometer torque wrenches are one of the most commonly used and most versatile torque wrenches. The torque setting is easily adjusted by twisting the handle until the desired torque setting is reached. Rotating the handle clockwise tightens a spring inside and when applying torque to a nut or bolt, the tool clicks when the correct torque has been reached.

The WB Tools range of micrometer torque wrenches feature a distinct braking action when the set torque is reached. The braking action is greatest at the upper level of the scale when there is more pressure on the spring. Once the pressure is released the wrench will automatically reset itself, ready to operate again

Features

- Accuracy +/- 4% in both directions
- Left & right-hand operation
- Ratchet head
- Imperial & metric scales
- Positive lock with spring loaded pull down lock ring
- Super rugged knurled metal handle for industrial use
- Socket locking device
- Durable
- Meets or exceeds international standards
- Supplied with certificate of calibration



*371080 has a ratcheting flex head that pivots 15° in both directions

WB		imperial	Nm	cm	KG
370000	3/8"	30 - 200in.lbs	3.9 - 22.0Nm	25	0.61
370000B	1/4"	30 - 200in.lbs	3.9 - 22.0Nm	25	0.61
370050	1/4"	10 - 50in.lbs	14 - 54dNm	25	0.61
371000	3/8"	5 - 75ft.lbs	10.2 - 98.3Nm	39	1.41
371080*	3/8"	10 - 80ft.lbs	16.9 - 105.1Nm	39	1.49
371100	3/8"	10 - 100ft.lbs	16.9 - 132.2Nm	39	1.41
372000	1/2"	20 - 150ft.lbs	34 - 197Nm	47	1.81
373000	1/2"	30 - 200ft.lbs	47 - 264Nm	47	1.90
374000	1/2"	30 - 250ft.lbs	47 - 332Nm	54	2.20
375000	3/4"	80 - 400ft.lbs	108 - 540Nm	81	5.93
376000	3/4"	100 - 600ft.lbs	169 - 779Nm	109	7.26
377000	1"	200 - 1000ft.lbs	305 - 1320Nm	178	20.0

TORQUE SETTING

SCREEN MICROMETER TORQUE WRENCHES

WB Tools screen torque wrenches are very easy to set, with a convex screen magnifying the scale reading and displaying only one value at a time, eliminating torque setting errors. When the setting has been achieved, it is locked in place so that accidental changes to the setting is impossible. Once the desired torque has been reached, the wrench will automatically reset itself, ready for further use.

Screen torque wrenches are graduated in Nm only, however a conversion scale in corresponding Nm - ft.lbs is printed on the wrench body on wrenches up to 340Nm for quick and accurate reference, if ft.lbs settings are required.

Features:

- Accuracy +/- 4%
- Robust ratcheting head
- Operates clockwise only
- Convex lens enlarges the scale reading
- Easy positive lockable adjustment
- Ergonomic comfortable hand grip
- Printed conversion table for quick reference (up to 1/2" drive)
- Meets or exceeds international standards
- Supplied in a plastic carry case



Screen



WB	□	Nm	←L→ cm	KG
334251	1/4"	5 - 25Nm	33	1.4
334351	3/8"	20 - 100Nm	40	1.6
334451	1/2"	40 - 200Nm	52	2.2
334551	1/2"	60 - 340Nm	62	2.9



WB	□	Nm	←L→ cm	KG
334648	3/4"	110 - 550Nm	91	6.2
334651	3/4"	150 - 750Nm	120	7.5
334851	1"	200 - 1000Nm	149	8.5

DIAL TYPE TORQUE WRENCHES

Dial type torque wrenches are considered to be one of the most accurate types of torque wrench, as the final reading is not easily affected by the hand-hold position. Due to their extremely accurate design they are suitable for use in the Automotive, Military/Defence, Aerospace and Industrial industries.

WB Tools dial torque wrenches are manufactured using the best quality materials to ensure accuracy and longevity.

Features:

- Accuracy +/- 3% in both directions
- Large easy to read dial
- Equally accurate in both left & right hand directions
- Exclusive bi-polar dual imperial and metric scales permits accurate reading of both scales
- Torsion drive design
- Follower needle to record highest reading
- Easy to operate
- Durable
- Meets or exceeds international standards
- Supplied in a plastic carry case



WB	□	imperial	Nm	←L→ cm	KG
MD15I/18	1/4"	0 - 15in.lb.	0 - 18dNm	25	0.72
MD30I/3.5	1/4"	0 - 30in.lb.	0 - 3.5Nm	25	0.72
MD75I/9	1/4"	0 - 75in.lb.	0 - 9Nm	25	0.72
MD150I/18	3/8"	0 - 150in.lb.	0 - 18Nm	25	0.72
MD250I/30	3/8"	0 - 250in.lb.	0 - 30Nm	25	0.72
MD300I/35	3/8"	0 - 300in.lb.	0 - 35Nm	25	0.72
MD600I/70	3/8"	0 - 600in.lb.	0 - 70Nm	38	1.39
MD25/35	3/8"	0 - 25ft.lb.	0 - 35Nm	25	0.72
MD50/70	3/8"	0 - 50ft.lb.	0 - 70Nm	38	1.39
MD100/140	1/2"	0 - 100ft.lb.	0 - 140Nm	55	1.95
MD175/240	1/2"	0 - 175ft.lb.	0 - 240Nm	55	1.95
MD250/350	1/2"	0 - 250ft.lb.	0 - 350Nm	55	1.95
MD350/480	3/4"	0 - 350ft.lb.	0 - 480Nm	71	5.61
MD600/800	3/4"	0 - 600ft.lb.	0 - 800Nm	118	7.20

TORQUE SETTING



DIGITAL TORQUE & ANGLE WRENCHES

Digital torque & angle wrenches have a simple to use digital readout that displays torque values in any of four torque units: ft.lbs., in.lbs., Nm, kg.cm, plus an angled value read out.

Simply set the desired torque value and apply force until the green LED screen illuminates. Suitable for light industrial, automotive, motorcycle, marine craft and aircraft applications.

Features:

- Angle accuracy $\pm 2^\circ$
- Torque accuracy $\pm 2\%$ clockwise and $\pm 3\%$ counter clockwise
- Digital torque-angle value readout
- Left & right hand operation
- Buzzer & LED indicator for target torque or angle presets
- Five selectable units: ft.lb., in.lb., Nm, kg.cm, degrees
- Auto sleep after 2 minutes idle
- Compatible with regular and rechargeable AA batteries
- Meets or exceeds international standards



WB		imperial	Nm	cm	KG
378314	1/4"	13.3 - 265in.lbs	1.5 - 30Nm	48	1.4
378338	3/8"	5 - 99.5ft.lbs	6.8 - 135Nm	54	1.6
378300	1/2"	12.5 - 250ft.lbs	17 - 340Nm	68	2.4
378301	3/4"	18 - 368ft.lbs	25 - 500Nm	94	6.0
378302	3/4"	31.3 - 627ft.lbs	42.5 - 850Nm	120	9.0
378303	1"	44 - 885ft.lbs	60 - 1200Nm	179	13.5
378304	1"	55 - 1106ft.lbs	75 - 1500Nm	179	13.5
378305	1"	74 - 1475ft.lbs	100 - 2000Nm	179	15

DIGITAL TORQUE-ANGLE ADAPTOR

The digital torque-angle adaptor provides torque and angle measurements when attached to a 1/2" wrench head or drive used during the torque setting process.

Features:

- 1/2" drive
- Digital torque-angle value readout display in Nm, in.lbs, kg.cm & angle
- Torque accuracy $\pm 4\%$
- Angle accuracy $\pm 2^\circ$
- Left & right hand operation
- Buzzer & LED indicator for target torque or angle presets
- 50 data memory for recall and joint torque-angle auditing
- Compatible with regular and rechargeable AAA batteries
- Meets or exceeds international standards
- Comes in a protective case



WB		imperial	Nm	mm	KG
378400	1/2"	12.5 - 250ft.lbs	17 - 340Nm	85 x 85 x 80	0.55

DIGITAL ANGLE METER

The digital angle meter attaches to the wrench head or drive by means of a strong magnet, providing an accurate reading during the torque setting process.

Features:

- Accuracy $\pm 2^\circ$
- Digital torque-angle value readout
- Magnetic base to mount to tools or fasteners
- Left & right hand operation
- Buzzer & LED indicator for target angle presets
- Five selectable units: ft.lb., in.lb., Nm, kg.cm, degrees
- Auto sleep after 2 minutes idle
- 50 slot data entry record memory
- Compatible with regular and rechargeable AAA batteries
- Meets or exceeds international standards
- Comes in a protective case



WB		mm	KG
378450	Angle only	58 x 58 x 41	0.36

TORQUE SETTING

INTERCHANGEABLE HEAD TORQUE WRENCHES

Interchangeable screen micrometer torque wrenches

Interchangeable head torque wrenches provide the convenience of choosing between a large selection of open-end, ring and ratchet heads.

Interchangeable heads can be purchased separately.

Features:

- Accuracy +/- 4%
- Left & right hand operation
- Interchangeable head
- Meets or exceeds international standards
- Metric scale
- Metric / imperial conversion printed on the body of the wrench
- Convex screen to magnify the torque setting scale
- Positive setting lock
- Durable & accurate
- Supplied in a durable plastic carry case



WB		Nm	KG
334050	9x12mm	10–50Nm	2.5
334051	9x12mm	20–100Nm	1.5
334052	14x18mm	40–200Nm	2.0
334053	14x18mm	60–340Nm	2.7

Interchangeable screen micrometer torque wrench sets

These interchangeable head torque wrench sets are part of the screen micrometer torque wrench range.

The wrench offers the operator the ability to use it as a normal 1/2" or 1/4" drive wrench, with the option of 10 or 12 metric dedicated open-end interchangeable heads.

Features:

- Accuracy +/- 4%
- Interchangeable head
- Meets or exceeds international standards
- Left & right hand operation
- Metric scale
- Metric / imperial conversion printed on the body of the wrench
- Convex screen to magnify the torque setting scale
- Positive setting lock
- Durable & accurate
- Supplied in a durable plastic carry case



Interchangeable screen micrometer torque wrenches

This is the interchangeable head version of the WB Tools micrometer torque wrenches. Utilising the interchangeable head option allows for a variety of combinations of open-end and 12 point ring attachments up to 1320Nm (1000ft.lbs).

Attachments are made to order. Almost any special attachment can be produced.

Features:

- Accuracy +/- 4% in both directions
- Interchangeable head
- Left & right hand operation
- Imperial & metric scales
- Positive lock with spring loaded pull down lock ring
- Super rugged knurled metal handle for industrial use
- Socket locking device
- Durable
- Meets or exceeds international standards
- Supplied with certificate of calibration
- Supplied in a plastic carry case



WB	imperial	Nm	L cm	KG
376000DET	100 - 600ft.lbs	135 - 779Nm	109	6
377000DET	200 - 1000ft.lbs	305 - 1320Nm	179	15



WB		Nm			KG
334058	9x12mm	10 - 50	1/4" L-L-R	7mm 8mm 9mm 10mm 11mm 12mm 13mm 14mm	3.0
334060	14x18mm	40 - 200	1/2" round head	13mm 14mm 15mm 17mm 19mm 22mm 24mm 27mm 30mm	4.0

TORQUE SETTING



INTERCHANGEABLE HEAD PRESET TORQUE WRENCHES

These interchangeable head preset torque wrenches can be preset and are ideal for fixed and repetitive torque applications.

Interchangeable heads are available separately.

Features:

- Accuracy +/- 4%
- Interchangeable head
- Meets or exceeds international standards
- Durable & accurate



WB		Nm	L cm	KG
338051	9x12mm	1-6Nm	12.5	1.6
338053	9x12mm	2-25Nm	18.0	2.4
338055	9x12mm	5-50Nm	24.2	3.1
338057	9x12mm	10-100Nm	33.3	5.4
338058	9x12mm	15-150Nm	36.5	8.0
338151	14x18mm	20-200Nm	47.8	11.4
338152	14x18mm	30-340Nm	53.8	12.5
338153	14x18mm	40-420Nm	58.5	13.3



BIG STICK PRESET TRUCK TORQUE WRENCH

The big stick preset truck torque wrench is ideal for use in trucking, fleet applications and on heavy machinery. Preset torque wrenches are ideal for fixed and repetitive torque applications.

When selecting these preset wrenches please nominate a preferred torque specification when ordering.

Features:

- Massive 55" (1.4m) length for high torque requirements
- Preset torque for no hassle - quick use
- Available in 3/4" drive with reversible ratchet
- Torque Range choices from 480 - 800Nm (350 - 600ft.lbs)
- Reflective surfaces for safe highway use at night
- Left & right hand operation
- Supplied in handy soft storage bag with zipper compartments for accessories



WB		imperial	Nm	L cm	KG
346600	3/4"	350 - 600ft.lbs	480 - 800Nm	140	8

TORQUE SETTING

INTERCHANGEABLE HEAD TORQUE WRENCH ATTACHMENTS

These interchangeable head attachments suit the WB Tools interchangeable head torque wrench range and can be purchased separately.

9X12mm open end heads



WB	□
335000	7mm
335001	8mm
335002	9mm
335003	10mm
335004	11mm
335005	12mm
335006	13mm
335007	14mm
335008	15mm
335009	16mm
335010	17mm
335011	18mm
335012	19mm
335015	22mm

9X12mm ring heads



WB	□
335020	7mm
335021	8mm
335022	10mm
335023	11mm
335024	12mm
335025	13mm
335026	14mm
335027	15mm
335028	16mm
335029	17mm
335030	18mm
335031	19mm
335032	21mm
335033	22mm

9X12mm open ring heads



WB	□
335040	10mm
335041	11mm
335042	12mm
335043	13mm
335044	14mm
335045	16mm
335046	17mm
335047	18mm
335048	19mm
335049	21mm
335050	22mm

9X12mm ratchet heads



WB	□
335202	1/4"
335302	3/8"
335402	1/2"

14X18mm open end heads



WB	□
335100	13mm
335101	14mm
335102	15mm
335103	16mm
335104	17mm
335105	18mm
335106	19mm
335107	21mm
335108	22mm
335109	24mm
335110	27mm
335111	30mm
335112	32mm
335113	34mm
335114	36mm
335115	38mm
335116	41mm

14X18mm ring heads



WB	□
335120	13mm
335121	14mm
335122	15mm
335123	16mm
335124	17mm
335125	18mm
335126	19mm
335127	21mm
335128	22mm
335129	24mm
335130	27mm
335131	30mm
335132	32mm
335133	34mm
335134	36mm
335135	41mm

14X18mm ratchet heads



WB	□
335404	1/2"
335604	3/4"

TORQUE SETTING

376000DET TORQUE WRENCH ATTACHMENTS

12 point ring attachments



WB	□
376024DER	24mm
376030DER	30mm
376036DER	36mm
376118DER	1-1/8"

Open end attachments



WB	□
376030DEH	30mm
376032DEH	32mm
376118DEH	1-1/8"

377000DET TORQUE WRENCH ATTACHMENTS

12 point ring attachments



WB	□
377041DER	41mm
377046DER	46mm
377118DER	1-1/8"

Open end attachments



WB	□
377041DEH	41mm
377046DEH	46mm

The above products are made to order. Lead time - 4-5 weeks.

BREAK-AWAY SAFETY ADAPTOR

The adaptor is a sacrificial component of the torque multiplier and is designed to shear off to prevent damage to the multiplier.

Do not use with impact wrench.



WB	□	Torque Multiplier Application	Nm	Accuracy	
311401	1/2" F x 1/2" M	1/2" x 3/4"	1500Nm	231Nm ±10%	
311402		1/2" x 3/4"	2000Nm	222Nm ±10%	
311403		1/2" x 3/4"	2500Nm	208Nm ±10%	
311404		1/2" x 3/4"	1000Nm	303Nm ±10%	

RATCHET ADAPTORS

Ratcheting adaptors can be used with any fixed square drive head, enabling a ratcheting function to be performed.



WB	□	Nm
304271	1/4"	86Nm max.
307371	3/8"	282Nm max.
304471	1/2"	716Nm max.
391100	1/2"	203Nm max.

TORQUE MULTIPLIERS

Torque multipliers are designed to easily tighten and loosen fasteners that have high torque values using a torque wrench. Input torque/force is multiplied by the input ratio, to provide a higher output force.

Torque multipliers must be used with an appropriately set torque wrench to avoid overload damage. To extend the life of the torque multiplier, it is best to operate within 80% of the maximum torque output.

All WB Tools Torque Multipliers feature an anti-kickback device.



WB	Input □	Output □	Torque Ratio	Nm Max	mm	KG
341600	1/2"	3/4"	1:13.7	1600Nm	80.5 x 105 x 76	3.3
343500		1"	1:17	3500Nm	96.5 x 163 x 94	5.9
345500		1 1/2"	1:21	5500Nm	117 x 187 x 107	9.7

TORQUE SETTING

TORQUE MULTIPLIER SETS

A lightweight torque multiplier with 1000Nm capacity.

Contents:

- Torque Multiplier
- 90° reaction bar
- Straight reaction bar
- Vortex ratchet 1/2" drive
- Reaction arm release tool
- Break-away adaptors (x2)
- L key

Do not use with impact wrench.



WB	Torque Ratio	Gear Ratio	Input	Output	Input Nm	Output Nm	KG
301000-K	1:3.3	1:4	1/2" F	3/4" M	300Nm max. (225Lbf ft)	1000Nm max. (750Lbf ft)	4.3

A lightweight torque multiplier with 1500Nm capacity

Contents:

- Torque Multiplier
- Straight reaction bar
- 90° reaction bar
- 90° reaction base
- Break-away adaptors (x2)
- L-type hex key

Do not use with impact wrench.



WB	Torque Ratio	Gear Ratio	Input	Output	Input Nm	Output Nm	KG
301500-K	1:6.5	1:9	F 1/2"	M 3/4"	(231Nm max. (170Lbf ft)	(1500Nm max. (1105Lbf ft)	5.0

A lightweight torque multiplier with 2000Nm capacity

Contents:

- Torque Multiplier
- Straight reaction bar
- 90° reaction bar
- 90° reaction base
- Break-away adaptors (x2)
- L-type hex key

Do not use with impact wrench.



WB	Torque Ratio	Gear Ratio	Input	Output	Input Nm	Output Nm	KG
302000-K	1:9	1:12	1/2" F	1" M	222Nm max. (164Lbf ft)	2000Nm max. (1474Lbf ft)	6.5

A lightweight torque multiplier with 2000Nm capacity

Contents:

- Torque Multiplier
- Straight reaction bar
- 90° reaction bar
- 90° reaction base
- Break-away adaptors (x2)
- L-type hex key

Do not use with impact wrench.



WB	Torque Ratio	Gear Ratio	Input	Output	Input Nm	Output Nm	KG
302500-K	1:12	1:16	1/2" F	1" M	208Nm max. (164Lbf ft)	2500Nm max. (1842Lbf ft)	8.5

TORQUE SETTING



WHEEL TORQUE WRENCH SET

This 5-piece preset wheel nut torque wrench set is a companion product to the wheel torque sockets and extensions. Each of the 5-click type torque wrenches can automatically reset and are colour coded for easy identification to suit the given applications.

Features:

- Ratcheting 1/2" drive
- Accuracy +/- 3%
- Preset to specific torque values: 90Nm, 103Nm, 120Nm, 138Nm, 150Nm
- Meets or exceeds international standards
- Operates clockwise only
- Complete set to cover most applications



WB		Nm		KG
334021	1/2"	90Nm 103Nm 120Nm 138Nm 150Nm	Yellow Blue Tan Grey Orange	9

ANGULAR TORQUE GAUGE

The angular torque gauge is designed to be used with any 1/2" square drive torque wrench. It allows for accurate tightening of nuts, bolts and other fasteners to comply with manufacturers torque specifications.

Features:

- 1/2" drive
- Angle indicator
- Easy to read dial



WB	
395	1/2"

TORQUE SCREWDRIVER ADJUSTABLE

These torque screwdrivers are adjustable.

Torque screwdrivers ensure sufficient tightening of screws without being excessive and are ideal for use in mechanical production, manufacturing and maintenance.

Features:

- Torque Range: 2-8 N-m
- Accuracy: +/- 6%
- Weight: 330 g
- Dimensions: 171 x 39 x 39 mm
- Bit Type: 1/4"
- Release Type: Slipping mechanism for precise torque control
- Type: Torque screwdriver with adjustable scale
- Fine Scale: 0.1 N-m increments for detailed adjustments



WB		imperial	
332070	1/4"	2-8 N-m	171 x 39 x 39 mm

DIGITAL TORQUE TESTERS

Digital torque testers take the guess work out of the reliability of your torque wrenches to ensure their accuracy between calibrations. The portable digital torque testers can be fitted to a workbench or inside a van using an AC adaptor to be accessible whenever they are needed.

With torque measuring values in Nm, ft.lbs, in.lbs, kg.cm, they also have the capability to save and upload your data to a computer.



WB		Nm
378497	1/4" female	0.5-5NM
378498	3/8" female	2.8-28NM
378499	3/8" female	68Nm max.
378500	1/2" female	350Nm max.
378501	27mm male hex	1000Nm max.
378502	27mm male hex	2000Nm max.

TORQUE SETTING

HAND TOOLS





ADJUSTABLE CLAW PRY BARS

These versatile adjustable claw pry bars feature a double lock mechanism which allows for easy angle selection with extra strength hold.

The handles have been constructed using high quality CR-V and the heads using CR-MO.

Adjustable claw pry bars are one of the newest designs available and have become a tool box favourite due to their versatility. The adjustable claw can easily be adjusted and locked at the preferred working angle - this includes straight or bent claw, eliminating the need for a second claw.

Features:

- Double push lock
- Easy angle selection
- 12 locking positions
- 180° angle head sweep
- Robust construction



WB	
163050	Stubby pry bar 4"
163051	2Pc pry bar set 8" & 16"
163052	Pry bar 24"
163053	Pry bar 33"



MINI PRY BAR SET

- 3 piece mini pry bar set
- Ideal for light duty prying
- Ideal for working in tight spaces
- Perfect tools for interior & exterior automotive detailing
- Each pry bar offers an ergonomic handle, designed for comfort and a secure grip



WB	
163365	Mini Pry Bar Set



TITE-REACH EXTENSION WRENCH

Tite-Reach extension wrenches have been designed to make your job easier in those hard to reach spaces. These lightweight but durable professional grade extension wrenches are ideal for accessing hard to reach nuts and bolts, or when ratcheting is limited in a confined space.

Requiring zero degrees of swing angle to operate, tightening and unscrewing bolts can now be done in a fraction of the time, saving you time and effort!

Able to work with regular 1/4" and 3/8" drive ratchets and impact guns, Tite-Reach extension wrenches are a handy and strong solution for hard to reach bolts. With a 1-to-1 gear ratio, the wrenches turn the nut or bolt as quickly as you can spin your ratchet or pull the trigger on your impact gun.

Designed with comfort and convenience in mind, Tite-Reach extension wrenches are easy to handle and can be used with your own sockets and socket wrenches and offer the versatility to work from either side. The 3/8" Tite-Reach wrench will extend your reach away from what you are working on by 10".

- Turns nuts and bolts with ZERO degree of arc
- Lightweight but durable die cast housing
- Tough powder coated finish
- Chrome vanadium sprockets
- Low friction UHMW (ultra high molecular weight) polyethylene bushings with 1 to 1 drive ratio

Use of an impact wrench not recommended with 385114



WB	□	imperial	📄
385138	3/8"	125 ft./lbs	300mm (L) x 254mm centre to centre
385114*	1/4"	40 ft./lbs	283mm (L) x 250mm centre to centre
385112	1/2", includes 3/8" drive adaptor	225 ft./lbs	423mm (L) x 360mm centre to centre

**Do not use impact wrench with this model*

TITE-REACH LOW PROFILE SOCKET SET

The 3/8" drive low profile socket set takes the Tite-Reach extension wrench into tighter places than ever before. These sockets have been designed to be up to 50% shorter than a standard socket size and contain an internal magnet to hold the nut or bolt in place.



WB	□	
385100	3/8", 7/8", 1/2", 9/16", 5/8", 11/16", 3/4"	10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 18mm

**Adaptors not included.*



EXTEND-O-RATCHET HANDLE

These ratchet handles are heavy duty professional tools designed for the toughest high torque industrial applications.

A strong 48 teeth reversible ratchet makes accessibility to fasteners much easier, requiring a smaller ratcheting angle. The finish is in satin chrome to always maintain a clean appearance.



P/N: 301404

WB	□	📄	Nm	KG
301404	1/2"	• 3 handles: 150mm, 290mm, 500mm • Plastic grip	716Nm	2.2
301604	3/4"	• Knurled handle • Extendable 515mm - 815mm	1976Nm	3.8
301804	1"	• Knurled handle • Extendable 838mm - 1143mm	3521Nm	5.5

HAND TOOLS

TITE-REACH EXTENSION CLAMP

The V2 Extension Clamp TRI-PACK is an upgraded version of the original model, now offered in three sizes—MINI (7.5"), standard (10.5"), and MAX (14.5")—for greater flexibility in tight or hard-to-reach spaces.

Key improvements include wider jaws (1 5/8", over 30% wider than V1), taller jaw height (up 35%), and added knurling for better grip. Its vice-like design securely holds parts without constant pressure, reducing the risk of dropping items in difficult positions.

Overall, it's a versatile, time-saving tool suited for tasks like automotive, mechanical, and maintenance work, especially where access is limited



WB	
385105	Tite Reach Extension Clamp

TITE-REACH MICRO EXTENSION CLAMP

The Tite-Reach Micro Extension Clamp is a smaller, more compact version of the original, designed for extremely tight spaces. Unlike earlier models that mainly varied in length, this version is reduced in all dimensions and is 40% narrower than standard clamps.

At 8.5" long, it sits slightly above the Mini in length but excels in narrow, restricted areas. Like other extension clamps, it functions as a mini vise with a rear tensioning wheel that securely holds fasteners, making it ideal for precision or specialty tasks where space is very limited.



WB	
385107	Tite Reach Micro Extension Clamp

TITE-REACH FLASH-FLEX EXTENSION CLAMP

The Flexible Tite-Reach Extension Clamp (non-memory version) is designed to reach and place fasteners in tight or hard-to-access areas, including around corners.

It features a 24" flexible body that returns to its original shape, a spring-assisted plunger for jaw control, and adjustable 90° jaws that open over 5/8". Made from durable materials, it's ideal for working in confined spaces like tubes, frames, and compact compartments.



WB	
385108	Tite Reach Extension Clamp V2 Tri-Pack

TITE-REACH EXTENSION CLAMP V2 TRI-PACK

The V2 Extension Clamp TRI-PACK is an upgraded version of the original model, now offered in three sizes—MINI (7.5"), standard (10.5"), and MAX (14.5")—for greater flexibility in tight or hard-to-reach spaces.

Key improvements include wider jaws (1 5/8", over 30% wider than V1), taller jaw height (up 35%), and added knurling for better grip. Its vice-like design securely holds parts without constant pressure, reducing the risk of dropping items in difficult positions.

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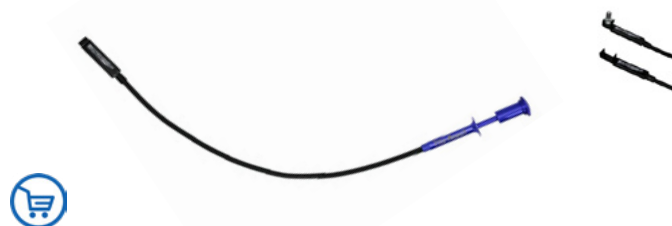


WB	
385106	Tite Reach Extension Clamp V2 Tri-Pack

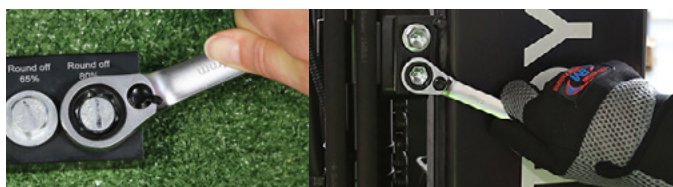
TITE-REACH RETRO-FLEX EXTENSION CLAMP

The Flexible Tite-Reach Extension Clamp combines a claw-retrieval tool with an extension clamp, allowing you to reach and secure fasteners around corners and in tight spaces.

It features a 24" flexible, memory-style body that holds its shape, a spring-assisted plunger for easy jaw control, and adjustable 90-degree jaws that open up to 7/8". Built from durable materials, it's ideal for accessing hard-to-reach areas like tubes, frames, and compact compartments.



WB	
385109	Tite Reach Retro-Flex Extension Clamp



WAVE RATCHETING SPANNER SETS

Work smarter, not harder with the new reversible ratcheting gear spanner sets. WB Tools has combined the best and most commonly used features into a single set, providing great versatility, convenience and value.

This combination set features a reversible ratcheting ring spanner head at one end and the same size fixed open-end at the opposite end. The reversing lever also allows the spanner to be used in both clockwise and counter-clockwise directions.

The wave design provides amazing grip on standard bolts, with the added benefit of being able to grip damaged or rounded off nuts and bolts. A bolt which has up to 80% damage can still be gripped, as the design drives on the flats and not the points.

The offset ratcheting head offers improved accessibility and increased clearance when working in those hard to reach and tight areas. Containing 72 teeth, the sturdy ratcheting gear requires only a 5° action arc (swing angle) to move the fastener.

Features:

- Ratcheting ring & fixed open same size heads
- Innovative wave design
- Unique non-slip ring head
- Extreme grip & control
- Suitable for 80% rounded fasteners
- Pouch bag



P/N: 383500



WB		
383500	12-piece metric wave ratcheting spanner set	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
383600	8-piece imperial wave ratcheting spanner set	5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"



RATCHETING DRIVE SPANNERS

Easily tighten and loosen bolts with the ratcheting drive spanner. This tool features a ratcheting head for easy use and engraved bolt size markings for easy pre-selection.

Features:

- Spring loaded ratcheting head
- Maximum 25mm (Part No. 385200) or 32mm (Part No. 385250) bolt head size
- Precision jaws providing maximum grip
- Tension release trigger
- Positive non-slip action
- Attractive durable satin finish
- Visible bolt measurement markings
- Open-end spanner design

Specifications:

- High carbon alloy steel
- Hardness: HRC54+1
- Maximum loading: 150Nm or 180Nm



P/N: 385200

WB		
385200	200mm	150Nm
385250	250mm	180Nm

THIN JAW ADJUSTABLE WRENCH

Thin jaw adjustable wrench designed for tight wrench-over-wrench applications.



WB	
TWM03	Thin jaw adjustable wrench 24mm x 111mm
TWM07	Thin jaw adjustable wrench 24mm x 164mm
TWM08	Stubby thin jaw adjustable wrench 24mm x 110mm

HAND TOOLS

MULTI-PURPOSE SCREW REMOVAL PLIERS



The PZ series pliers are a range of heavy duty multi-purpose pliers which have the added feature of being able to remove stuck or damaged screws. The multi-purpose screw removal pliers are a patented product that contains both vertical and horizontal serrated teeth, which provide a non-slip gripping mechanism for removing rusted or damaged screw heads.

Specially designed for removing:

- Screws frozen with rust
- Stripped or damaged screw heads
- Special, unique or tamper-proof screw heads
- Small size special screws
- Crimp, cut cables, metal sheets, twist wires, cables & more



Features:

- Ideal for unfastening frozen or small size special screws
- Vertical & horizontal serrated teeth generate gripping power
- Slender jaws ideal for work in limited space
- Maximum friction with no slip
- Pocket-sized body with strap holes
- Cushion grip handles made of ESD-safe thermoplastic elastomer
- Oil resistant



W3	←L→ mm		←D→ mm	
PZ55	150mm	35mm	Ø3 - 8MM	N/A



W3	←L→ mm		←D→ mm	
PZ56	175mm	55mm	Ø3 - 10MM	N/A



W3	←L→ mm		←D→ mm	
PZ57	120mm	26mm	Ø2 - 3.5MM	N/A



W3	←L→ mm		←D→ mm	
PZ58	160mm	35mm	Ø3 - 9.5MM	1.2mm (copper wire)



W3	←L→ mm		←D→ mm	
PZ59	204mm	25	Ø3 - 15MM	3.2mm (steel wire)



W3	←L→ mm		←D→ mm	
PZ60	190mm	60mm	Ø2 - 5.5MM	1.2mm (copper wire)



W3	
PZ-KIT	3-piece kit



W3		
PZ-POUCH	Leather	230mm x 240mm x 4mm (empty pouch, opened)

HAND TOOLS



- Unique screw removal jaws
- Cable cutter, ideal for 3-core flat cable (suitable for cables that are not live)
- Crimper for bare terminals (AWG16-12)
- Eccentric high leverage structure, powerful cutting and gripping
- Unique screw extractor



SCREW REMOVAL LOCKING PLIERS

These locking pliers have been designed to easily remove screws with damaged heads. The vertical serrations allow for maximum grip with no slippage.

Features:

- Adjustable jaw opening
- Anti-slip serrations
- Easy release mechanism for one-handed operation
- Wire cutter equipped
- Comfort grip handle



P/N: P264



P/N: P265



WB	←L→ mm	↗L↖	↔D↔
PZ64	150mm	38mm	Ø3 - 9.5mm
PZ65	190mm	48mm	Ø7 - 12mm

SIDE CUTTING SCREW REMOVAL PLIERS



WB	←L→ mm	↔D↔	✂
PZ78	225mm Blade length: 21mm	Ø3 - 9.5mm	dia. 2.6mm x 3 cores (Flat cable) dia. 3.2mm (Hard wire) dia. 4mm (Copper wire) dia. 2mm (Stainless wire) 8mm2 (Stranded wire)

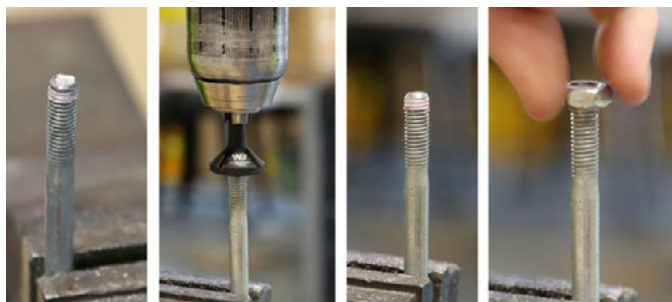
LONG NOSE SCREW REMOVAL LOCKING PLIERS

These small locking pliers have a sleek head and are therefore suitable for working in confined spaces. The pliers can deal with screw heads 3 to 5.5mm in diameter.



P/N: P266

WB	←L→ mm	↗L↖	↔D↔
P266	150mm	17mm	Ø5.5 - 8.5mm



CHAMFER-PRO - EXTERNAL DEBURRING CHAMFER TOOL

Easy to use with a standard drill, the Chamfer-Pro is made from high carbon alloy steel and is suitable for use on a wide range of materials including stainless steel, hardened steel, mild steel, copper, brass, wood, fibreglass and plastic.

The Chamfer-Pro is great for removing burrs and ridges from bolts, pipes or threaded rods. The Chamfer-Pro is designed to prevent sparks, burns and cut hands, helping you work faster and safer. When used properly, the tool does not overheat the work piece. Threads are also sheared off, not folded over, as may happen when using a grinder.



WB		
162050	High carbon alloy steel 4 cutting edges 1/4" drive hex bit	HRC: 61±1 Cutting dia: 10 - 26mm
162051		HRC: 62±1 Cutting dia: 3 - 12mm

HAND TOOLS



RAPID SCREW EXTRACTOR

Remove stuck or frozen screws with the rapid screw extractor. This is an easy to use tool that can be used to remove damaged screws. It comes with 2 types of removal bits which are designed to bite into and grip screw heads to suit various degrees of damage.



WB	
DBZ60G	1/4"

Hex socket screw removal bit

Remove stuck or frozen screws with the rapid screw extractor. This is an easy to use tool that can be used to remove damaged screws. It comes with 2 types of removal bits which are designed to bite into and grip screw heads to suit various degrees of damage.



WB	
DBZ53	This screw removal bit is compatible with the rapid screw extractor (DBZ60G)



ONE TOUCH MAGNETIC BIT HOLDERS

These hex drive magnetic bit holders feature a one touch quick release function, along with a super strong magnet for superior bit retention.

To remove the bit, simply push down on the ball and the bit will be ejected. Great for quick and easy bit changes.



WB	←L→ mm
163260	66mm
163261	150mm

RIGHT ANGLE DRILL/IMPACT DRIVER ATTACHMENT

The 1/4" hex right angle drill/impact driver attachment has been designed for use with power drills for working in areas where space is limited.

Featuring a quick release function, this attachment has been developed with work efficiency in mind.



WB	
163200	1/4" hex right angle drill/impact driver attachment

2 IN 1 SPINNER HANDLE

The 2 in 1 spinner handle features a 1/4" drive for use with sockets or 1/4" hex bits.

Spinner handles allow for rapid installation of longer bolts or nuts by simply attaching a socket and spinning the handle like you would a screwdriver.



WB	
163252	1/4"

2 IN 1 EXTENSION BAR

The 2 in 1 extension bar features a 1/4" square drive and has been designed to be used with bits and sockets, allowing them to be applied to any job from a distance away.

Perfect for use in hard to reach areas.



WB	
163251	1/4" square drive

2 IN 1 ADAPTOR

This 2 in 1 adaptor features a 1/4" hex drive and has the ability to connect with power tools for improved efficiency and reach.

With an outer square drive and internal hexagon, the adaptor can easily be switched between sockets and bits compatibility with a simple sliding motion.



WB	
163250	1/4" hex drive



INDUSTRIAL SHEARS

Made from high alloy steel forging, the multi-purpose industrial shears consist of sharp, super hard anti-wear blades and a comfortable PVC handle.

They are suitable for industrial, automotive, electrical, handicrafts, home, gardening and many other uses and can be used to cut corrugated sheet, wire mesh, wire, cable, plastic film, paper, cotton. Conforms to international standards.

Features:

- High alloy steel forging
- Comfortable PVC handle
- Conforms to international standards



Part No. 163001



Part No. 163002



Part No. 163003



Part No. 163004



WB	←L→ mm	
163001	180mm	Industrial shears
163002	250mm	Industrial shears
163003	250mm	Dual use industrial shears
163004	330mm	Industrial shears



WB	←L→ mm	
163005	250mm	Bent nose industrial shears



WB	←L→ mm	
163006	225mm	Long nose industrial shears



CABLE SHEARS

High quality cable shears, specifically designed for cleanly & neatly cutting through thick electrical cable, coaxial cable, cord, nylon rope, etc.

The unique curved jaw design holds the cable securely in place, enabling an exceptionally neat & tidy end cut using high leverage for ease of cutting and less hand fatigue.

Ideal for tradesmen such as electricians, satellite / aerial installers, etc.

Features:

- High leverage for easy operation
- Curved blades for precision cuts
- Wire cutter suitable for copper wires

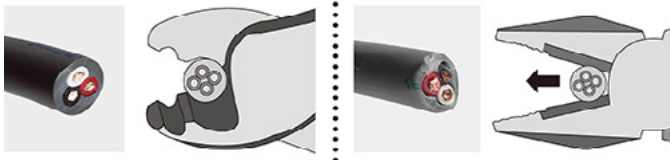


Outer Blade

Wire cutter suitable for copper wires.

Inner Blade

Curved blades suitable for insulated cables, precise cutting of flat cables, coaxial cables, power supply cords, LAN cables, etc.



Cable Shears

FINE CUT

The curved blades hold a cable securely and the shears mechanism enables you to make a precise cut.

Conventional Pliers

The pressure provided from flat blades may crush a cable or allow slippage.



WB	←L→ mm	✂
PK50	164mm	Ø9mm
PK51	212mm	Ø11mm

COMBINATION SCISSORS

These combination scissors have been designed for use in multiple applications and are capable of cutting various materials: leather, carpet, plastic, copper, coaxial or electrical cables, kevlar, etc.

Features:

- Stainless steel blades
- Anti-slip serrations
- Comfort grip handle
- Finger pinch guard



WB	←L→ mm
PH56G	175mm
PH57	210mm



HEAVY DUTY SCISSORS

These heavy duty scissors include a 4-in-1 multi-purpose blade combination and have been designed to cut various materials cleanly. Suitable for cutting leather, wire, copper, cord, rope, aluminium sheet, thick card, etc.

Multi-purpose blade combinations: flat blade, box cutter, wire cutter, micro-serrations.

Features:

- Stainless steel blades
- Anti-slip handle
- Finger pinch guard
- S-shaped design
- Strap hole
- Vent & drain hole
- Blade cap



WB	←L→ mm	✂	
PH55	160mm	Micro-serrations cutting capacity	Rope 10mm Cable cord 9mm Cotton insulated cord 8mm Leather belt 4mm CD - card 1.2mm Branch 5mm
		Wire cutting capacity	Copper wire 1.6mm Wire 1.2mm

AUTO-RETRACTABLE UTILITY KNIFE WITH NOTCH HOOK BLADE

The notch hook blade automatically retracts back into housing for added safety when the slider button is released.



WB	
163370	Auto-Retractable Utility Knife With Notch Hook Blade

5-PIECE TURBO FAN TIP BLOW GUN SET

Includes:

- Interchangeable blow gun
- 70mm fan tip
- 105mm fan tip
- 260mm fan tip
- 350mm fan tip



WB	
162008	Interchangeable blow gun

ADJUSTABLE ANTI-STATIC WRIST STRAP

Adjustable anti-static wrist strap discharges the static charge normally found on personnel before damaging electronic components.



WB	
WRS-8001	Adjustable anti-static wrist strap

MAGNETIC FOLDING MAGNIFIER

This powerful 3.5X magnifier features a magnetic base that can be attached to any ferrous material (hand tools, fridge, etc). The compact and flexible magnifier is adjustable to many positions and can be used in various situations.

Suitable for use as a hand-held magnifier for reading, etc., attaching to a hand tool (e.g., crimping tool, to enable improved visibility of smaller crimping pins, soldering, painting, etc.), a self-supporting magnifying glass (for hands-free work).



WB	
SL64	40mm lens



MAGNETIZER & DEMAGNETIZER

This product can magnetize and demagnetize your screw driver. Insert iron bar into "+" hole to magnetize it. Insert iron bar into "-" hole to demagnetize it.



WB	
163104	Magnetizer & demagnetizer



WALL MOUNT TOOL HOLDER

Used to mount 1/4", 3/8" or 1/2" drive torque wrenches, ratchets or breaker bars. Can be fixed in horizontal or vertical position (mounting screws not included).



WB	
327001	Max. weight of the tools - 3.5kg.



TOOL BAG

The WB Tools bag is a durable and versatile option for tool storage and transport. The soft tool bag has large zipper compartments as well as smaller Velcro compartments and storage pockets for accessories. The bag is a perfect choice for carrying your wrenches, pliers and service equipment, and when not in use is easily folded for storage.

Features:

- Lightweight and durable
- Detachable shoulder strap
- Internal and external storage compartments
- Zip close main storage compartment



WB	
60X026	400mm (W) x 260mm (H) x 185mm (D)

HAND TOOLS

DIGITAL MULTIMETER

A small inexpensive multimeter suitable for the professional or handyman.

Features:

- DC Volts: 200m - 1000
- AC Volts: 200m - 750
- DC Amps: 200μ - 10
- Resistance: 200 - 2m
- Diode: Yes
- Trans: Yes
- Display Digits: 3.5
- Digit Size: 12mm
- Height: 126



WB	
A830L-LEAD	Digital multimeter test lead



WB	
A830L	Digital multimeter

AUTOMOTIVE DIGITAL MULTIMETER

An inexpensive automotive multimeter featuring tachometer and dwell facilities.

Features:

- DC Volts: 200m - 1000
- AC Volts: 200m - 750
- DC Amps: 200μ - 10
- Resistance: 200 - 2m
- Diode: Yes
- Dwell Angle: Yes
- Display Digits: 3.5
- Digit Size: 18mm
- Height: 150
- Case: Optional



WB	
AT950-LEAD	Automotive digital multimeter test lead



WB	
AT950	Automotive digital multimeter

SOLDERING





ROBINSON SOLDERING IRONS

Robinson soldering irons are the ideal tool for almost any soldering job and are renowned for their quality, reliability and craftsmanship. The plastic impact resistant handle provides electrical and thermal insulation, along with an on/off switch for safety requirements.



Features:

- Chisel, pyramid, leadlight tips
- Heat insulating plastic handle
- Robust construction for heavy duty industrial use
- Reliability for long lasting usage
- Balanced weight to aid prolonged use



WB		
7708	80 Watt	Chisel tip
7710	100 Watt	Pyramid tip
7715	150 Watt	Pyramid tip
7720	200 Watt	Chisel tip
7730	300 Watt	Chisel tip
7740	400 Watt	Chisel tip
7750	500 Watt	Chisel tip



WB		
7708L	80 Watt	Leadlight tip
7710L	100 Watt	Leadlight tip

SOLDERING

SUPERSCOPE SOLDERING IRON

12V Superscope uses the same spare parts as the soldering iron SS and operates directly off a car or truck battery, making it ideal for automotive applications:

Features:

- Operates from car or tractor battery
- Wattage 30W to 150W whilst soldering
- Fast heating, 200°C in 5 seconds
- Easy owner maintenance
- 12V safety outdoors
- 6 metre lead



WB	
HI	12V Superscope / boxed orange handle
HI-BL	12V Superscope / black handle

SCOPE MAXIMA SERIES SOLDERING KIT

The Scope soldering kit is designed to cover a wide range of soldering situations from 25 Watts to 100 Watts.

Contents:

- Part No. SP-100 - 100W soldering gun and spare tip
- Part No. MH25 - 25W soldering iron
- Helping hands with alligator clips and cast iron base for stability
- Spare tips available
- Solder sucker
- Probe with fine point and slotted end
- Solder tube containing 1 metre of 1.0mm core solder



WB	
SK-3000	Scope Maxima kit 100W - 240V soldering kit

SCOPE MAXIMA SERIES SOLDERING GUN

The SP-100 is a well-balanced, powerful, rapid-heating soldering gun, which is ideal for so many soldering jobs from small electronics to larger components. This professional soldering gun has many uses around the workshop or around the home and can be left ready for that quick repair or remain on the workbench as the prime soldering tool.

Features:

- Rapid heat-up (approx. 6 seconds)
- 100W of power
- Well balanced to reduce fatigue
- Integrated work light that switches on when trigger is pressed
- Tip to suit Part No. SP-100TIP



WB	
SP-100	Scope Maxima series soldering gun

SCOPE MH SERIES SOLDERING IRONS



- Anti-roll handle
- Long life tips
- Mains operated
- Stainless steel barrel
- 4 interchangeable tips available



WB	
MH25	240V 25W Scope soldering iron - display pack
MH40	240V 40W Scope soldering iron - display pack
MH60	240V 60W Scope soldering iron - display pack
MH80	240V 80W Scope soldering iron - display pack
MH80L	240V 80W Leadlight iron

SCOPE MAINS OPERATED 240V SOLDERING STATIONS

- Manual temperature control
- Auto switch-off
- 5 seconds heat-up
- Low voltage safety
- Includes PSU and soldering iron



WB	
SSPSU	100 Watt heavy duty soldering station

Used with:

- Superscope
- Miniscope
- Metal etching pen
- TA adaptor for C60 cordless iron



WB	
PSU	Power supply unit (240V)

- Manual temperature control
- Auto switch-off
- 5 seconds heat-up
- Low voltage safety
- Powered by 3.3Volt PSU - supplied separately



WB	
SS	100 Watt thumb switch soldering iron

- Extreme heat resistant version of SS (not shown)
- Black handle



WB	
SS/BL	100 Watt thumb switch soldering iron
SSPSUBL	100 Watt thumb switch soldering iron & PSU

ECONOMY TIPS AND ELEMENT PACKS FOR SOLDERING IRONS



WB	
05PS	Economy tip and element pack for SS iron <u>Suits:</u> Superscope SS iron, 12V Superscope, Black Superscope



WB	
05PM	Economy tip and element pack for MS iron <u>Suits:</u> Miniscope, C60 cordless iron

Spare parts available:



WB	
720100	Earth lead, complete with earth clamp
720208	Tungsten nib
720300	Pen unit complete with nib and lead

SOLDERING ACCESSORIES

Solder Blotter

With wind back dispenser



WB	
SB2	Desolder braid 2mm x 2 metres
SB3	Desolder braid 3mm x 2 metres

Techwick Absorbent Desolder Braid

With wind back dispenser



WB		
TW1.5	1.5mm x 1.5 meters	Yellow
TW2	2.0mm x 1.5 meters	Green
TW2.5B	2.5mm x 20 meters	(Bulk pack)
TW3	3.0mm x 1.5 meters	Blue
TW3.5	3.5mm x 1.5 meters	Brown

Scope Soldering Iron Holder

This Holder is suitable for the scope soldering iron range



WB	
SK-3000HOLDER	Scope soldering iron holder

METAL ETCHING PEN

Light-duty etching pen suitable for ferrous and some non-ferrous metals. Works in conjunction with the Scope power supply unit part no. PSU.



WB	
MEP	Metal etching pen

Spare parts available:



WB	
V40	Plunger
V41	Handle complete
V42	Coil & lead assembly
V43	Return lead & clip
V44	Tapered lock nut
V45	Handle only

Solder Removers



WB	
SR10	Solder remover - 190mm x 10ml

WORKSHOP, GARAGE & SERVICE



THREAD REPAIR TOOLS & KITS

X-Nut

Easily restore damaged wheel bolt threads on passenger cars and commercial vehicles with the Silbertool X-Nut range — a precise, non-destructive solution available in both metric and imperial sizes.

Purpose-built for fast, accurate wheel bolt repair.



WB	
162100	X-Nut, Thread Repair Tool for Wheel Studs

X-Nut XL

The Silbertool X-Nut XL delivers heavy-duty, non-destructive thread repair for commercial vehicle wheel studs, restoring damaged threads quickly, accurately, and on-site. Designed to handle both metric and imperial sizes from 14–22 mm, it's the ideal solution for semi-trucks of all makes, trailers, earthmoving machinery, and other equipment requiring reliable thread repairs.



WB	
162101	X-Nut XL, Heavy-Duty Solution for Trucks & Commercial Equipment

X-R16 Metric Roller Die Set

High-quality metric roller die set for the Silbertool X-R16 Thread Reforming Tool — includes six common thread pitches, vacuum-hardened for exceptional durability.



WB	
162103	X-R16 Metric Roller Die Set





100-TEETH RATCHET SET

- Drive: 1/4", 3/8", 1/2"
- Length: 165mm, 245mm, 310mm
- Super strong high tooth gear
- Aluminium handle design
- Quick release lock



WB		
163350	100-Teeth Ratchet Set	1/4", 3/8", 1/2"

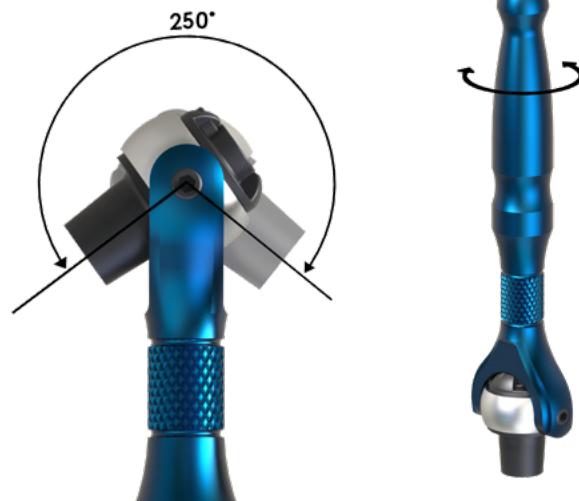


100-TEETH SWIVEL RATCHET SET

- Drive: 1/4", 3/8", 1/2"
- Length: 165mm, 245mm, 310mm
- Super strong high tooth gear
- Aluminium handle design
- Quick release lock



WB		
163351	100-Teeth Swivel Ratchet Set	1/4", 3/8", 1/2"



MINI SWIVEL RATCHETS

90-Teeth, 1/4" Drive Super Mini Swivel Ratchet



WB		
163360	Aluminium body	1/4"

90-Teeth 1/4" HEX Super Mini Swivel Ratchet



WB		
163361	Aluminium body Magnetic bit holder	1/4"

MAGNETIC DRAIN PLUG REMOVAL TOOL

The magnetic drain plug bolt removal tool has been designed to remove oil drain plugs quickly and safely. This handy tool removes the risk of dropping the bolt into a container of hot oil, or burning your fingers while trying to remove it by hand.

To use simply loosen the plug with a wrench, then attach the magnetic drain plug tool and turn to remove the plug. The plug will remain attached to the power magnet.

Features:

- Removes the oil drain plug without touching the plug or hot oil
- Prevents the bolt from dropping into hot oil
- Flexible shaft for accessing remote and hard to reach drain plugs
- Strong magnet holds the bolt securely
- Simple rotation removes the plug



WB	
162006	Magnetic drain plug removal tool

FLEXIBLE MOULDABLE FUNNEL

This flexible funnel can be moulded into many different shapes, and is effective in refilling or draining fluids from vehicles or other equipment including cars, trucks, bikes, planes, boats, generators, etc.

It can be used with engine oil, brake fluid, automatic transmission fluid, coolant, water. Do not use the funnel with corrosive fluids.

Features:

- Bend / fold / mould into the desired shape
- Eliminates messes and spills
- For draining or refilling
- Suitable for



WB	
162007	Flexible mouldable funnel

DRAIN PLUG REPAIR KITS

The 64 or 96--piece oil drain plug repair set is a comprehensive set of taps, sump washers and sump plugs for repairing oil drain plug threads. This set is suitable for the most popular applications required on cars and light commercial vehicles.



WB	
162002 (96-piece set)	Sizes available: M13 x 1.25mm M13 x 1.5mm M15 x 1.5mm M17 x 1.5mm M20 x 1.5mm M22 x 1.5mm - 72 assorted copper washers - 36 assorted sump plugs - 6 taps - Supplied in a blow mould hard plastic case for safe keeping and protection

O-RING ASSORTMENT KIT

This high quality 419-piece rubber o-ring assortment set is suitable for automotive, plumbing and general repair needs. The set can be used for many applications; prevents leaks in plumbing, machinery, hydraulic and pneumatic repairs; provides secure seals for oil, air, gas and water seal applications.



WB	
162005	The set contains the most popular metric sizes, ranging from 6mm outside diameter (OD) to 57mm OD, in a variety of thicknesses

THREAD REPAIR KIT

The 88-piece professional thread repair set is suitable for repairing damaged or stripped internal threads and is suitable for engine repair and other automotive and industrial applications.

This thread repair set helps to protect tapped threads against wear and damage and includes drill bits, thread taps, insert installations and lug breaking tools to assist with any tough thread issue or situation.



WB	
162003	- 3 installation tools - 3 break pin tools - 3 lug breaking tool - 3 taps - 75 thread inserts - M5 x 0.8 x 6.7mm - M6 x 1.00 x 10.8mm - M8 x 1.25 x 10.8mm - Red metal case

CHAIN BREAKER / RIVETING TOOL

This professional chain breaker and riveting tool allows for fast and easy chain splitting and reassembly. The set contains everything you need for chain maintenance.

It is versatile enough to be used on cam chains or drive trains and will break chains from #35 up to #630, press master link plates onto chains up to #530 and rivet hollow nosed master link pins on chains up to #630. For #520 and up chains, its recommended that the rivet head is grinded.



WB	
162004	- Recommended for light to medium-duty maintenance - Includes 3 pin sizes to fit most chains - Equipped to handle chains from #35 to #630

STEELMAN PRO WIRELESS CHASSISEAR 2 DIAGNOSTIC DEVICE KIT

This wireless diagnostic device is specifically designed to diagnose squeaks, rattles and other troubling noises in various locations of a vehicle's engine, axles and chassis. The system is easy to use and can be set up in a matter of minutes. Being wireless transmitters there's the added convenience of no tangled wires.

Chassis ears are an electronic device that transmits vibration from suspension points via clamps that are connected to a main unit where they are converted to sound.



WB	
60605	Steelman Pro Wireless ChassisEAR 2 Diagnostic Device Kit

Pressure gauge replacement



WB	
810206	Calibrated pressure gauge to suit 810200 cooling system pump

CHASSIS EAR ELECTRONIC SQUEAK & RATTLE FINDER

Chassis ears are an electronic device that transmits vibration from various locations of a vehicle's engine, axles, chassis, etc., via microphone clamps that are connected to the main unit, where they are converted to sound.

The ultra-sensitive professional headphones block out any background noise, allowing the user to focus on what the microphones pick up. Sensors easily clamp onto problem areas of cars and trucks, making the system easy to use and can be set up in a matter of minutes.



WB	
06635	Chassis ear electronic squeak & rattle finder leads

Chassis ear electronic squeak & rattle finder leads

Lead wires to suit the Chassis Ear Electronic Squeak & Rattle Finder



WB	
06600	Chassis ear electronic squeak & rattle finder

BUSHES AND WASHERS

A rubber bush and washer kit to suit 8104-KIT, 8106-KIT, 810C-KIT, and various individual adaptor kits.



WB	WB	+	
810-SK	811213	x 2	Rubber bush
	30x013		Rubber bush
	30x017		Rubber washer
	30x012		Rubber bush
	30x011		Rubber washer

Rubber washer



WB	
30X011	Rubber washer to suit 810995
30X017	Rubber washer to suit 810992
810231	Rubber washer to suit 810292

Rubber bushes



WB	
810213	Rubber bush - standard
30X012	Rubber bush - standard Japanese
810233	Rubber bush to suit 810292
810214	Adaptor bush to suit BMW
30X013	Rubber bush - shallow Japanese

Washers



WB	
810218	Backing washer
810219	Washer

Cup washer



WB	
810217	Leather cup washer to suit 810200

IRONTITE COOLING SYSTEM CHEMICALS

When added to a vehicle's cooling system, Irontite sealer & rust preventative performs the following functions:

- Seals cracks and stops seepage
- Prevents rust, corrosion and electrolysis
- Provides a protective coat throughout the cooling system
- Allows better transfer of heat from hard-working motors
- Irontite will not attack and soften hoses or water pump seals
- Irontite does not affect the operation of thermostats
- Permits today's low-volume pressurised cooling systems to operate with top efficiency



WB		
960101	Irontite sealer and rust preventative	375ml
960111	Irontite sealer and rust preventative	150ml
960102	Ceramic motor seal (seals engine coolant system)	455ml
960201	Thoro-flush (cleans rust, scale grease, oil and sludge)	455ml

How it works

As soon as ordinary water is poured into a cooling system, a corrosive action commences on the metal components, this results in a build up of scale. The scale retards the flow of water and also acts as an insulator, preventing transfer of heat from the motor to the cooling water. Overheating results and is particularly harmful when it is concentrated in a few poorly cooled places, e.g. in the cylinder head around the area of the valve seats. Distortion and cracking are results of unequal or poor cooling. Modern vehicles have high-performance motors with cooling systems which are adequate when they are working efficiently, but one of the great enemies of efficiency is the constant build up of rust, corrosion and sludge.

The sealer contains a compound which gels and hardens very quickly on contact with air or combustion chamber gases. The fibrous material in Irontite is finer than in any other make of sealer and because it is not of vegetable origin, it forms a permanent seal.

The fibres will not pack in the cooling system to block off smaller coolant passages. Radiators and blocks may be reverse flushed without disturbing the sealing effects. Irontite does not contain soluble oil. This gives longer life to the rubber hoses, water pump seals and cylinder line seals. Irontite prevents rust and corrosion where components of cast iron, copper, bronze or aluminium are used.

T-K RADIATOR RUST & SLUDGE ELIMINATOR

An inexpensive and environmentally friendly method of cleaning rust and sludge from automotive cooling systems. No more harmful chemicals to poison our environment. No more draining or flushing.

Will turn water clear within two weeks of normal driving

Features:

- Harmless to alloys and iron
- Lubricates water pump
- Preserves radiator hoses
- Combats electrolysis
- Acts as a rust inhibitor
- Helps free sticking thermostats
- Helps prevent overheating
- Replaces all other additives (anti-freeze still required in very cold climates)
- Compatible with most anti-freeze

Contains:

- No sodas
- No detergents
- No caustics
- No soluble oils
- No acids



WB		
960220	T-K radiator rust & sludge eliminator	250ml

TEE-KAY HEAD CHECK COMBUSTION LEAK DETECTOR

The Tee-Kay head check combustion leak detector is designed to check combustion gases in the cooling system. It works by analysing the air within the 'air cushion' above the radiator coolant level. When CO2 gas is detected in petrol engines, the blue fluid will turn yellow, or green in diesel engines. Spare parts available.



WB		
TK01	Tee-kay head check tester unit	
TK02	Tee-kay head check fluid - 500ml	

WORKSHOP, GARAGE & SERVICE

WHEEL TORQUE SETTING





THIN WALL DEEP IMPACT WHEEL SOCKETS

Thin Wall Deep Impact Sockets are designed specifically for easy access to fitted stud holes and deep recessed lugs. These sockets are colour-coded to match the 314 series wheel torque extensions.

Features:

- Colour-coded for easy size identification
- Extra deep to allow entry into deep recessed lugs
- Thin wall allows access to fitted stud holes
- Allows for extra long wheel nuts
- Easily identified in the toolbox
- Plastic sleeve to protect alloy wheels
- Plastic insert to prevent damage to polished wheel nuts
- 1/2" square drive



WB	□	📄
31300-A	17mm	Blue
31300-B	19mm	Yellow
31300-C	21mm	Red
31303-D	22mm	Green
31304	4-piece socket kit	Blue, yellow, red, green



WHEEL TORQUE EXTENSION BARS

Wheel Torque Extension Bars have been developed to be used with an impact wrench so the output load can be accurately controlled in order to tighten wheel nuts to required specifications. This, in turn, helps prevent distortion and damage to wheels, associated components and brake mechanisms. Torque Master sockets and extensions are colour coded for easy identification and come in various sizes.

Features:

- Colour-coded for easy identification
- Heavy-duty construction
- 1/2" drive to fit any 1/2" socket including thin wall sockets
- Available as a kit or individually



WB	imperial	Nm	📄
31400-A	75ft.lbs.	101Nm	Black
31400-B	100ft.lbs.	135Nm	Blue
31400-C	90ft.lbs.	120Nm	Red
31400-D	110ft.lbs.	150Nm	Tan
31400-E	120ft.lbs.	163Nm	Grey
31400-F	130ft.lbs.	175Nm	Brown
31400-G	65ft.lbs.	90Nm	Green
31400-I	150ft.lbs.	200Nm	Sky blue
31400-Y	80ft.lbs.	110Nm	Yellow
31403	100ft.lbs. 65ft.lbs. 80ft.lbs.	135Nm 90Nm 110Nm	Blue Green Yellow

WHEEL TORQUE SETTING



WHEEL TORQUE EXTENSION & IMPACT SOCKET SET

The Wheel Torque Extension & Impact Socket Set has been developed so the output load can be accurately controlled in order to tighten wheel nuts to required specifications. This, in turn, helps prevent distortion and damage to wheels, associated components and brake mechanisms. Torque Master sockets and extensions are colour coded for easy identification and come in various sizes.

Features:

- Colour coded for easy size identification
- Heavy duty construction
- 1/2" drive to fit any 1/2" socket (including thin wall sockets)
- Also available individually



WB	
31408	Torque extensions: 31400-B, 31400-F, 31400-G, 31400-Y Thin wall deep impact sockets: 31300-A, 31300-B, 31300-C, 31300-D



TORQUE MASTER WHEEL TORQUE SOCKET BARS



WB		imperial	Nm	
31500-A	13/16"	100ft.lbs.	135Nm	Brown
31500-B	21mm	80ft.lbs.	110Nm	Orange
31500-C	19mm	100ft.lbs.	135Nm	Grey
31500-D	21mm	60ft.lbs.	80Nm	Black
31500-E	19mm	80ft.lbs.	110Nm	Blue
31500-F	19mm	65ft.lbs.	90Nm	Yellow
31500-G	17mm	80ft.lbs.	110Nm	Red
31500-H	17mm	55ft.lbs.	75Nm	Dark green
31500-I	7/8"	120 ft.lbs.	165Nm	White
31500-J	1"	140 ft.lbs.	190Nm	Grey
31500-K	17mm	110 ft.lbs.	150Nm	Purple
31500-L	1"	170 ft.lbs.	230Nm	Light green
31500-Q	7/8"	140 ft.lbs.	190Nm	Aqua
31500-T	15/16"	135 ft.lbs.	175Nm	Bright green
31500-Y	7/8"	100 ft.lbs.	135Nm	Navy blue
31500-Z	7/8"	65 ft.lbs.	90Nm	Tan
31505 5-piece kit designed specifically for the Australian market.	13/16" 21mm 21mm 19mm 19mm	100ft.lbs. 80ft.lbs. 60ft.lbs. 80ft.lbs. 65ft.lbs.	135Nm 110Nm 80Nm 110Nm 90Nm	Brown Orange Black Blue Yellow
31508 8-piece kit to suit domestic and imported cars and light trucks.	13/16" 21mm 21mm 19mm 19mm 19mm 17mm 17mm	100ft.lbs. 80ft.lbs. 60ft.lbs. 80ft.lbs. 65ft.lbs. 100ft.lbs. 80ft.lbs. 55ft.lbs.	135Nm 110Nm 80Nm 110Nm 90Nm 135Nm 110Nm 75Nm	Brown Orange Black Blue Yellow Grey Red Dark green

All sockets and extensions have a 1/2" female drive.

WHEEL TORQUE SETTING

CYLINDER HEAD RECONDITIONING



VALVE SEAT RECONDITIONING PROCESS & EQUIPMENT

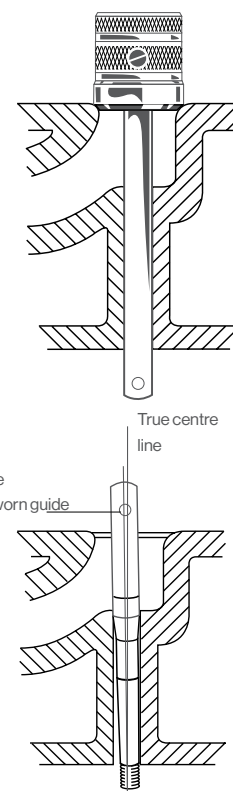
Syncro seating for improved power & performance

Syncro seating equipment provides a means of producing a fine finish on the valve seat grinding wheel at precisely the same angle as the valve face for the final seat honing operation. For the preliminary seat grinding operation, the wheel is dressed with a diamond point, but for the honing of the seat, the valve seat wheel is ground against the valve refacing machine wheel. This can be effectively achieved only because the syncro seating pilots are locked into the grinding wheel carrier to form an abrasive valve assembly, which can be readily held in the valve refacer collet. By using the valve refacer to produce a fine finish and the correct angle on the valve seat grinding wheel incorporated in the abrasive valve assembly, the process of lapping can be largely eliminated.

Features of the syncro pilot:

- Precision ground parallel to fit into valve guides
- Locks into carrier to make an abrasive valve assembly
- Vibro action of the carrier ensures automatic alignment of the seat to the guide
- Quickly moved from one guide to the next
- Extensive range of diameters available

The time factor involved in positioning tapered and expanding type pilots in the guide is far in excess of that required to place the syncro pilot in position. Misalignment of the seat with the guide can be experienced due to valve guide wear when using a tapered or expanding type pilot. The neat fitting syncro pilot automatically aligns the valve seat grinding wheel at right angles to the centre line of the valve guide. If the seat is not at the correct angle, the head of the valve is forced to deflect when it is pulled down onto the seat by the valve spring. This condition contributes to valve heads breaking off as the valve rotates.



CARRIER FOR VALVE SEAT GRINDING WHEELS



WB	
151100	Carrier for valve seat grinding wheels

INSERT REMOVING CHISEL

This high-tensile, heat-treated chisel is fused to remove valve seat inserts. The chisel is first driven under the insert, then hit on top with a hammer which raises the insert out of its seat.



WB	
136000	Insert removing chisel

BALL DRIVE FOR SYNCRO SEATING KITS



WB	
159001	To suit syncro seating kits: 150092, 150097e, 150099e

SYNCRO SEAT PILOT

The syncro pilot automatically aligns the valve seat grinding wheel at right angles to the centre line of the valve guide. These syncro pilots have a shank diameter of 9.52mm (3/8") for use with carrier 151100 or reamer arbour 143500.



WB	←D→	
126216	.216"	5.49mm
126235	.235"	5.97mm
126248	.248"	6.30mm
126256	.256"	6.50mm
126274	.274"	6.96mm
126276	.276"	7.01mm
126279	.279"	7.08mm
126310	.310"	7.87mm
126312	.312"	7.92mm
126314	.314"	7.98mm
126315	.315"	8.00mm
126317	.317"	8.05mm
126325	.325"	8.25mm
126333	.333"	8.46mm
126340	.340"	8.64mm
126342	.342"	8.69mm
126343	.343"	8.71mm
126345	.345"	8.76mm
126346	.346"	8.79mm
126352	.352"	8.94mm
126358	.358"	9.09mm
126371	.371"	9.42mm
126373	.373"	9.47mm
126375	.375"	9.53mm
126378	.378"	9.60mm
126385	.385"	9.78mm
126396	.396"	10.06mm
126433	.433"	11.00mm
126436	.436"	11.07mm

CYLINDER HEAD RECONDITIONING

THE CRACK REPAIR PROCESS & EQUIPMENT

A crack (see figure 1) occurs when a material yields to tensile stresses. After the material cracks in an engine, expansion and contraction caused by heating and cooling keep the crack moving, making it difficult to seal.

If a crack can be prevented from moving it can be sealed.

This unique process repairs cracks without the use of heat or welding.

It also builds in an added resistance to further cracking in the same area. In the process, a threaded, tapered plug is used to immobilise the crack and exert an outward force which induces a slight compressive stress (See Figure 2) where a tensile stress existed before. The thread on the plug prevents the crack from moving in an axial direction.

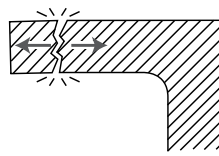


Figure 1

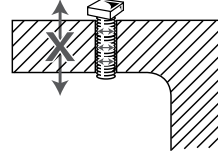
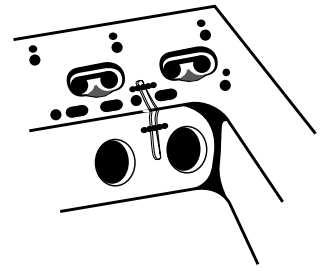


Figure 2



TAPERED, THREADED IRON REPPLUG

Manufactured from material compatible with the cylinder block or head. Large plugs are used with special tooling for diesel head repairs. These actual size reproductions of the range of standard plugs indicate the scope of the crack repair process. Using the larger plugs, whole injector seating areas can be renewed, while the smaller plugs are widely used in automotive cylinder head and block repair.



WB			←L→		←DRILL→		WB
960031	A	1-5/16"	33.34mm	13/64"	5.15mm	960051	
960032	B	1 1/2"	38.10mm	5/16"	7.93mm	960052	
960033	C	1 1/2"	38.10mm	25/64"	9.92mm	960053	
960034	D	1 1/2"	38.10mm	15/32"	11.90mm	960054	
960035	E	15/16"	23.81mm	9/16"	14.28mm	960055	
960037	G	15/16"	23.81mm	23/32"	18.25mm	960057	
960038	H	15/16"	23.81mm	1"	25.40mm	960058	

TAPER TAP

Taper taps for use with repplugs



WB			←DRILL→		WB to suit plug
960051	A	13/64	5.75	960001, 960021, 960031	
960052	B	5/16	7.93	960002, 960032	
960053	C	25/64	9.92	960033	
960054	D	15/32	11.90	960034	
960055	E	9/16	14.28	960035	
960057	G	23/32	16.25	960037	
960058	H	1	25.40	960038	

DYE PENETRANT CRACK DETECTION

Detects cracks in a wide range of ferrous, non-ferrous and many plastic materials. The aerosol cans are simple to use and completely portable. Applicable to the aircraft, automotive and industrial fields. Suitable for testing conrods, crankshafts, stub axles and many other critical components.



WB		
	Crack detection kit	
	Contents:	
960270	960271 - Dye penetrant aerosol can 960272 - Detection developer aerosol can 960273 - 2 x detection cleaner / remover Aerosol can	340g 340g 340g
960271	Dye penetrant aerosol can	340g
960272	Detection developer aerosol can	340g
960273	Detection cleaner / remover aerosol can	340g

CYLINDER HEAD RECONDITIONING

VALVE SEAT GRINDING WHEELS



Set contents:

153032 - 32mm 30°
153037 - 37mm 30°
153041 - 41mm 30°
154530 - 30mm 45°
154532 - 32mm 45°
154533 - 33mm 45°
154538 - 38mm 45°
154544 - 44mm 45°
154551 - 51mm 45°



WB	
152000	An assortment of 9 standard, general purpose valve seat grinding wheels for popular vehicles.

Mounting thread on these wheels is 9/16"

UNF, can be used at speeds between 2500 and 8000 RPM.



WB	←D→		↙
153025	1"	25mm	30°
153030	1.3/16"	30mm	30°
153032	1.1/4"	32mm	30°
153033	1.5/16"	33mm	30°
153035	1.3/8"	35mm	30°
153037	1.7/16"	37mm	30°
153038	1.1/2"	38mm	30°
153040	1.9/16"	40mm	30°
153041	1.5/8"	41mm	30°
153044	1.3/4"	44mm	30°
153048	1.7/8"	48mm	30°
153051	2"	51mm	30°
153054	2.1/8"	54mm	30°
153057	2.1/4"	57mm	30°
153060	2.3/8"	60mm	30°
153063	2.1/2"	63mm	30°
153070	2.3/4"	70mm	30°



WB	←D→		↙
154525	1"	25mm	45°
154529	1.1/8"	29mm	45°
154530	1.3/16"	30mm	45°
154532	1.1/4"	32mm	45°
154533	1.5/16"	33mm	45°
154535	1.3/8"	35mm	45°
154537	1.7/16"	37mm	45°
154538	1.1/2"	38mm	45°
154540	1.9/16"	40mm	45°
154541	1.5/8"	41mm	45°
154543	1.11/16"	43mm	45°
154544	1.3/4"	44mm	45°
154548	1.7/8"	48mm	45°
154551	2"	51mm	45°
154554	2.1/8"	54mm	45°
154557	2.1/4"	57mm	45°
154560	2.3/8"	60mm	45°
154563	2.1/2"	63mm	45°
154567	2.5/8"	67mm	45°
154570	2.3/4"	70mm	45°
154576	3"	76mm	45°

GRINDING WHEELS

Grinding wheels - engine reconditioning equipment spare parts.



WB	
210058	Grinding wheel to suit 212000
212116	Grinding wheel to suit 212000 (parallel sides)
230115	Grinding wheel to suit 230 - 232 series valve refacer
242019	Grinding wheel to suit 241 series valve refacer 7/8" bore
242119	Grinding wheel to suit 241 series valve refacer 5/8" bore
242098	Grinding wheel to suit 241 series valve refacer 5/8" bore
242808	Grinding wheel to suit 241 series valve refacer 1" silicon carbide
242818	Grinding wheel to suit 241 series valve refacer 1" aluminium oxide

BELTS

Belts - engine reconditioning equipment spare parts.



WB	
210066	Workhead belt to suit 212000
210067	Wheelhead belt (flat)
212118	Poly vee belt to suit 212 series valve refacer
242117	Poly vee belt to suit 241-253 series valve refacer
230105	Vee belt to suit 232 series valve refacer
241020	Vee belt to suit 241-253 series valve refacer m24
241120	Vee belt to suit 241-253 series valve refacer m28
244335	Vee belt to suit 241-253 series valve refacer a24
290417	Belt spring to suit 212 series



NOT FOR ROAD USE
MAXIMUM LOAD 350KG 1.1m TRENCH
MAXIMUM LOAD 500KG 0.8m TRENCH
MAXIMUM LOAD 500KG 0.7m TRENCH
MAXIMUM LOAD 700KG 0.5m TRENCH
© 2011 TEDNOTRAK.CO.UK

SAFETY



FOOTWAY BOARDS

The trench cover footway board is a highly versatile and safe trench cover, designed for covering apertures, bores or trenches during maintenance, construction and repair projects. The footway boards allow safe access and passage over and around site excavations for pedestrian and light vehicular access. Designed to cover trenches of a maximum width of 700mm.

Moulded from a single piece of glass reinforced composite, colour yellow. Underside has ribbed framework for added strength.

The board has a maximum load of 600kg at 0.7m trench span and 700kg at 0.5m trench span.

Features:

- Manufactured from SMC glass reinforced plastic
- High strength to weight ratio
- Non-trip leading edge
- Exceeds HSE slip resistance
- Safe working load over a trench
- The products have no scrap value thus eliminating on-site theft problems
- Product neither warps nor delaminates in adverse weather



WB		KG
2001010601	1200mm x 1600mm	27kg
2001020601	1220mm x 800mm	13.5kg



KERB MASTER PORTABLE RAMP

The ultimate in safe passage. Ideal for a variety of needs, including wheelchair access, logistics, roadworks and utility construction access.

Ideal for:

Building contractors
Utility companies
Commercial properties
County Councils
Private use

Features:

- Raised shoulders for extra safety
- Inbuilt kerb locator for extra stability
- High visibility yellow
- Suitable for various kerb heights
- Fastening points on four corners



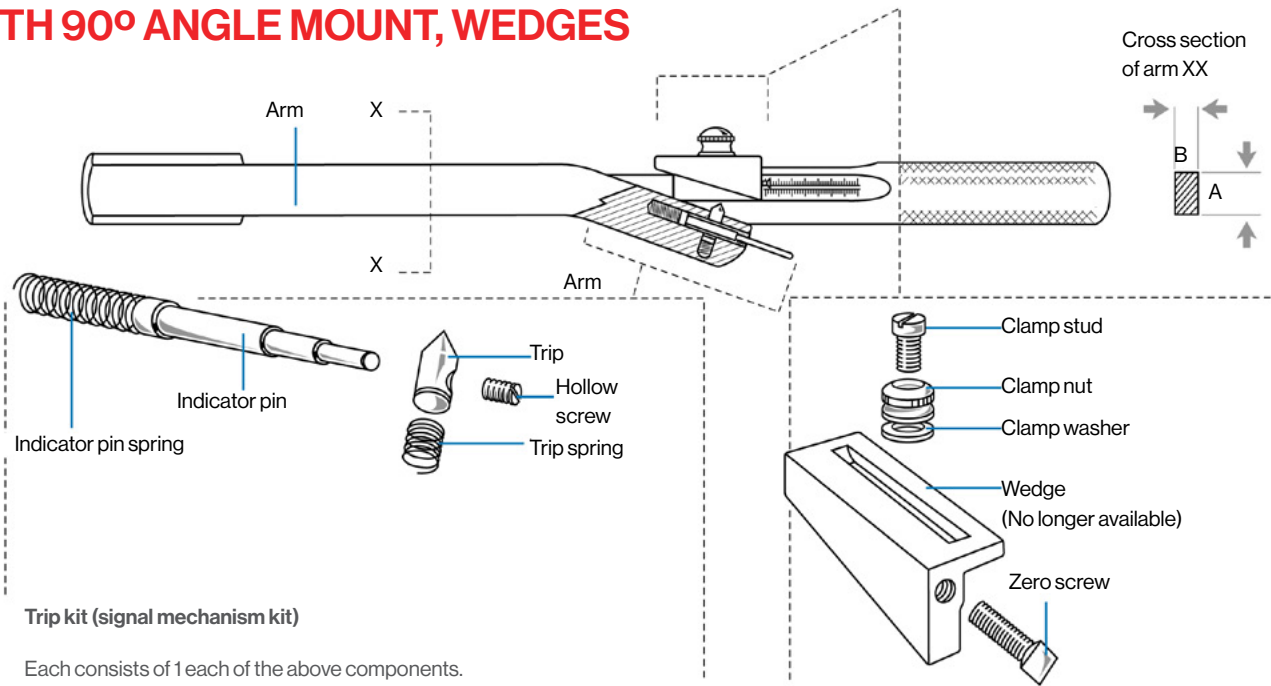
WB		KG
2010010601	1,285mm x 690mm	7.6kg

A man in a grey work shirt is in a warehouse or parts store. He is looking at a small cardboard box with a label that reads '831174'. He is holding a clear plastic bag containing a mechanical part. The background shows shelves filled with many similar cardboard boxes, some of which are open and contain more parts.

**SPARE PARTS
REPAIR KITS &**

TORQUE SETTING

DUAL SCALE TYPE TENSION WRENCHES WITH 90° ANGLE MOUNT, WEDGES



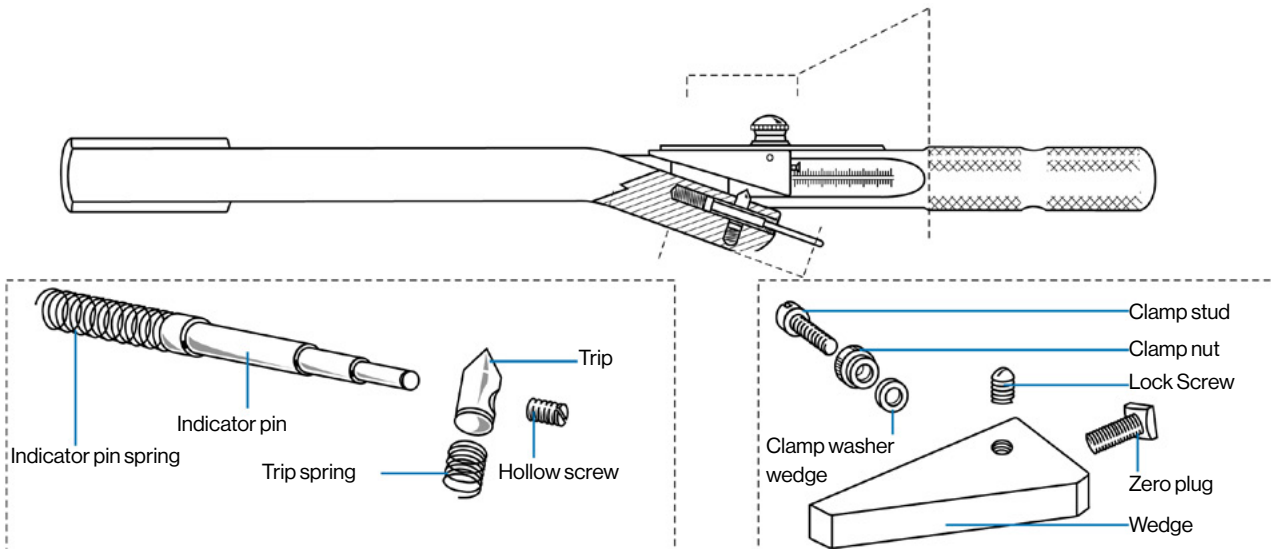
Trip kit (signal mechanism kit)

Each consists of 1 each of the above components. Trip assemblies do vary according to the cross sectional dimensions of the wrench arm. The accompanying list indicates the kit required for a tension wrench model number using a particular size arm. Not all models are affected.

Wedge assembly kit

Each consists of 1 each of the above components

TRI-SCALE TYPE TENSION WRENCH WITH FLAT WEDGE



Trip kit (signal mechanism kit)

Each consists of 1 each of the above components
Note: Individual components are not available. Kits only supplied.

Wedge assembly kit

Each consists of 1 each of the above components

TORQUE CONVERSION TABLE

MULTIPLY → ← DIVIDE		
ft.lb	192	in.oz
ft.lb	12	in.lb
ft.lb	1.35	N.m
ft.lb	0.135	daN.m
ft.lb	135c	N.m
ft.lb	1.350	mN.m
ft.lb	13.8	cm.kg
ft.lb	0.138	m.kg

MULTIPLY → ← DIVIDE		
ft.lb	0.138	m.kg
in.lb	0.083	ft.lb
in.lb	0.1128	N.m
in.lb	0.01128	daN.m
in.lb	11.28	cN.m
in.lb	112.28	cN.m
in.lb	1.152	cm.kg
in.lb	0.0115	m.kg

MULTIPLY → ← DIVIDE		
in.oz	0.063	in.lb
in.oz	0.0025	ft.lb
in.oz	0.00705	N.m
in.oz	0.0007	daN.m
in.oz	0.705	cN.m
in.oz	7.05	mN.m
in.oz	0.072	cm.kg
in.oz	0.00072	m.kg

N.m	141.8	in.oz
N.m	8.863	in.lb
N.m	0.738	ft.lb
N.m	0.1	daN.m
N.m	100	cN.m
N.m	1,000	mN.m
N.m	10.2	cm.kg
ft.lb	0.102	m.kg

m.kg	1,390	in.oz
m.kg	86.9	in.lb
m.kg	7.24	ft.lb
m.kg	9.81	N.m
m.kg	0.98	daN.m
m.kg	981	cN.m
m.kg	9,810	mN.m
m.kg	100	cm.kg

cm.kg	13.9	in.oz
cm.kg	0.869	in.lb
cm.kg	0.0724	ft.lb
cm.kg	0.098	N.m
cm.kg	0.0098	daN.m
cm.kg	9.8	cN.m
cm.kg	98	mN.m
cm.kg	0.01	m.kg

daN.m	1,418	in.oz
daN.m	88.63	in.lb
daN.m	7.38	ft.lb
daN.m	10	N.m
daN.m	1,000	cN.m
daN.m	10,000	mN.m
daN.m	102	cm.kg
daN.m	1.02	m.kg

cN.m	1,418	in.oz
cN.m	0.0886	in.lb
cN.m	0.00738	ft.lb
cN.m	0.01	N.m
cN.m	0.001	daN.m
cN.m	10	mN.m
cN.m	0.102	cm.kg
cN.m	0.00102	m.kg

mN.m	0.1418	in.oz
mN.m	0.00886	in.lb
mN.m	0.00074	ft.lb
mN.m	0.001	N.m
mN.m	0.0001	daN.m
mN.m	0.1	mN.m
mN.m	0.0102	cm.kg
mN.m	0.0001	m.kg

 Socket Head. 160,000 psi		
High carbon, case hardened steel		
Bolt Size	TPI	Torque in ft.lbs
1/4"	20	16
5/16"	18	33
3/8"	16	54
7/16"	14	84
1/2"	13	125
9/16"	12	180
5/8"	11	250
3/4"	10	400
7/8"	9	640
1"	8	970
1-1/8"	7	1,520
1-1/4"	7	2,130
1-3/8"	6	2,850
1-1/2"	6	3,450
1-5/8"	5.5	4,700
1-3/4"	5	6,100
1-7/8"	5	8,200
2"	4.5	8,800

DISCLAIMER:

Every reasonable precaution has been taken to ensure the accuracy of the information in this publication, however Warren & Brown Technologies Pty. Ltd. cannot hold themselves responsible for the consequences of incorrect or misrepresented information or errors that may have inadvertently arisen in its preparation.

SAE			METRIC			WHITWORTH		
								
GRADE 0-1-2	GRADE 3	GRADE 5	CLASS	CLASS	CLASS	GRADE	GRADE	GRADE
								
GRADE 6	GRADE 7	GRADE 8	CLASS	CLASS	CLASS	GRADE	GRADE	

WRENCH DISPLAY CABINET

These well presented display cabinets can be a great addition to any workshop or outlet store. They are a great way to highlight and neatly maintain your collection of Warren & Brown wrenches. The cabinets are lockable which ensures the wrenches are safely secured. The cabinet easily holds all three wrench types, including Deflecting Beam Torque Wrenches, micrometer type wrenches and screen wrenches.

Cabinet dimensions are 740mm (W) x 670mm (H) x 150mm (D).

Please get in touch with our sales department to find out more.



SPARE PARTS & ACCESSORIES

TORQUE WRENCH REPAIR KITS

Deflecting beam torque wrench repair kits

Wrench No.	Capacity	Trip kit	Wedge kit	Comment
320A	10 - 200lb.in.	320398	320595	Flat wedge
321A	4 - 80ft.lb.	321098	321495	Flat wedge
322A	10 - 120ft.lb.	322098	322595	Flat wedge
323A	20 - 200ft.lb.	322098	323595	Flat wedge
324A	50 - 300ft.lb.	322098	324595	Flat wedge
325A	100 - 500ft.lb.	322098	325595	Flat wedge
326A	200 - 1000ft.lb.	325098	326595	Flat wedge
300509	100 - 200lb.in. / 1/22Nm / 10 - 220kg.cm			Flat wedge
301509	4 - 80ft.lb. / 5 - 110Nm / 5 - 11kg.m			Flat wedge
302509	10 - 120ft.lb. / 10 - 160Nm / 1 - 16kg.m			Flat wedge
303209	10 - 180in.lb.			Flat wedge
303219	4 - 80ft.lb.			Flat wedge
303229	10 - 120ft.lb.			Flat wedge
303239	20 - 200ft.lb. <i>Repairs</i>			Flat wedge
303249	50 - 30ft.lb. <i>Ex Factory</i>			
303259	100 - 500ft.lb.			
303269	200 - 1000ft.lb.			
303409	10 - 180ft.lb.			
303509	20 - 200ft.lb. / 30 - 270Nm / 3 - 27kg.m			
304509	50 - 300ft.lb. / 60 - 400Nm / 6 - 40kg.m			
305509	100 - 500ft.lb. / 140 - 680Nm / 14 - 68kg.m			
306509	200 - 1000ft.lb. / 260 - 1340Nm / 26 - 134kg.m			
320300	10 - 180in.lb. / 1 - 20Nm	320398	320395	Flat deflection bar
320360	1 - 20Nm	320398	320395	Flat deflection bar
320400	10 - 180in.lb. / 1 - 20Nm	320398	320495	Flat wedge
320460	1 - 20Nm	320398	320495	Flat wedge
320500	10 - 220in.lb. / 1 - 25Nm / 10 - 250kg.cm	320398	320595	Flat wedge
320510	10 - 220in.lb. / 1 - 25Nm / 10 - 250kg.cm	320398	320595	Flat wedge
320560	1 - 22Nm	320398	320595	Flat wedge
321100	4 - 90ft.lb. / 5 - 120Nm	321098	321195	90° Mount, wedge
321160	5 - 120Nm	321098	321295	90° Mount, wedge
321100	4 - 90ft.lb. / 5 - 120Nm	321098	321295	Flat wedge
321160	5 - 120Nm	321098	321095	Flat wedge
321500	4 - 90ft.lb. / 5 - 120Nm / 5 - 12kg.m	321098	321495	Flat wedge
321560	5 - 120Nm	321098	321495	Flat wedge
322000	10 - 140ft.lb. / 10 - 180Nm	322098	322095	Arm (A) 20 (B) 7mm (90° wedge)
322060	10 - 180Nm	322098	322095	Arm (A) 20 (B) 7mm (90° wedge)
322100	1 - 18Kpm	322098	322095	Arm (A) 20 (B) 7mm (90° wedge)
322000	10 - 140ft.lb. / 10 - 180Nm	322698	322095	Arm (A) 20 (B) 7mm (90° wedge)
322060	10 - 180Nm	322698	322095	Arm (A) 20 (B) 7mm (90° wedge)
322100	1 - 17Kpm	322698	322095	Arm (A) 20 (B) 7mm (90° wedge)
322500	10 - 140ft.lb. / 10 - 180Nm / 1 - 18kg.m	322098	322595	Flat wedge
322560	10 - 160Nm	322098	322595	Flat wedge
322700	10 - 140ft.lb. / 10 - 180Nm / 1 - 18kg.m	322098	322595	Flat wedge
323000	20 - 220ft.lb. / 30 - 300Nm	322098	323095	Arm (A) 3/4 (B) 5/16
323060	30 - 300Nm	322098	323095	Arm (A) 3/4 (B) 5/16
323400	20 - 220ft.lb.	322698	323595	Arm (A) 20mm (B) 7mm

Wrench No.	Capacity	Trip kit	Wedge kit	Comment
323460	30 - 300Nm	322698	323595	Arm (A) 20mm (B) 7mm
323500	20 - 220ft.lb. / 30 - 300Nm / 3 - 30kg.m	322098	323595	Flat wedge
323560	30 - 300Nm	322098	323595	Flat wedge
323700	20 - 220ft.lb. / 30 - 300Nm / 3 - 30kg.m	322098	323595	Flat wedge
324000	50 - 300ft.lb. / 60 - 400Nm	322098	324095	90° Mount wedge
324060	60 - 400Nm	322098	324095	90° Mount wedge
324100	40 - 400ft.lb. / 40 - 540Nm	322098	324195'A'	Arm (A) 7/8 (long block)
324160	40 - 540Nm	322098	324195'A'	Arm (A) 7/8 (long block)
324100	40 - 400ft.lb. / 40 - 540Nm	325098	324295'B'	Arm (A) 1"
324160	40 - 540Nm	325098	324295'B'	Arm (A) 1"
324150	80 - 400ft.lb. / 100 - 540Nm / 10 - 54kg.m	322098	324495	Flat wedge
324156	40 - 540Nm	322098	324495	Flat wedge
324500	50 - 300ft.lb. / 60 - 400Nm / 6 - 40kg.m	322098	324595	Flat wedge
324560	60 - 400Nm	322098	324595	Flat wedge
325000	100 - 500ft.lb. / 140 - 680Nm	325098	325095	90° Mount wedge
325060	140 - 680Nm	325098	325095	90° Mount wedge
325500	100 - 500ft.lb. / 140 - 680Nm / 14-68kg.m	322098	325595	Flat wedge
325510	140 - 680Nm	322098	325595	Flat wedge
325560	140 - 680Nm	322098	325595	Flat wedge
325750	150 - 750ft.lb.	325098	325795	Flat wedge
326000	200 - 1000ft.lb. / 260 - 1340Nm	325098	326095	90° Mount wedge
326060	260 - 1340Nm	325098	326095	90° Mount wedge
326500	200 - 1000ft.lb. / 260 - 1340Nm / 26 - 134kg.m	325098	326595	Flat wedge
326560	260 - 1340Nm	325098	326595	Flat wedge
332000	20 - 160ft.lb. / 30 - 220Nm	322098	332095	Ratchet head
332060	30 - 220Nm	322098	332095	Ratchet head
332500	20 - 160ft.lb. / 30 - 220Nm / 3 - 22kg.m	322098	N/A	Flat wedge
332560	30 - 220Nm	322098	N/A	Flat wedge
332600	20 - 220ft.lb. / 30 - 300Nm / 3 - 30kg.m	322098	323595	
382000	10 - 150ft.lb. / 1 - 20kg.m	322098	382095	Arm (A) 3/4 (B) 5/16
382060	10 - 150ft.lb. / 10 - 200Nm	322098	382095	Arm (A) 3/4 (B) 5/16
382260	10 - 200Nm	322098	382095	Arm (A) 3/4 (B) 5/16
382000	10 - 150ft.lb. / 1 - 20kg.m	322698	382095	Arm (A) 20mm (B) 7mm
382060	10 - 150ft.lb. / 10 - 200Nm	382698	382095	Arm (A) 20mm (B) 7mm
382260	10 - 200Nm	382698	382095	Arm (A) 20mm (B) 7mm
353100	10 - 150ft.lb. / 14 - 200Nm	N/A	N/A	Universal (spanner) style wrench
422000	10 - 150ft.lb. / 20 - 200Nm	322698	N/A	

Micrometer torque wrench repair kits

Wrench No.	Ratchet repair kit Part No.
370000	370-RK
370000B	370-RK1/4
371000	371-RK
372000, 373000, 374000	372-RK
375000, 376000	376RKN
377000	377RKN

TORQUE WRENCH SAFETY

These precautions should always be taken when using any torque wrench to avoid possible injury:

- Read instruction manual completely before using torque wrench.
- Safety glasses or goggles should be worn at all times when using any hand tool.
- Always pull, DO NOT PUSH, to apply torque and adjust your stance to prevent a fall.
- A cheater bar should NEVER be used on a torque wrench to apply excess leverage.
- Do not use with sockets or fasteners showing wear or cracks.
- Ratchet mechanism may slip or break if dirty, mismatched or worn parts are used.
- Make sure direction lever is fully engaged on the ratchet.

TORQUE WRENCH USAGE

- All mechanical torque wrenches are calibrated from 20% to 100% of full scale, therefore, they should never be used below or above those limits.
- To determine which torque wrench capacity is best suited for an application, many factors must be considered. However, as a recommendation, use a torque wrench in the middle 50% of the overall capacity of the tool, this will result in longer tool life, ease of use for the operator and increased accuracy from micrometer adjustable type torque wrenches.
- Always grip handle firmly in the centre of the grip.
- Approach final torque slowly and evenly.
- Stop pulling wrench immediately when target torque is reached.
- Torque wrench should be cleaned and stored properly.
- Micrometer adjustable type torque wrenches should always be stored at its lowest torque setting.
- Wrenches should be re-calibrated if dropped and should never be used in excess of its capacity.
- Micrometer Adjustable Torque Wrenches should be exercised a minimum of three times at 100% of full scale before use.
- The wrench selected should be calibrated in the same torque units that are specified.
- Use of a cheater bar will result in an inaccurate reading and can possibly damage the wrench.
- Torque wrenches will last longer if reasonable care is taken. Always unwind handle after each use. Unwind to lowest value of scale of wrench. Do not attempt to lubricate the internal torque mechanism. Clean torque wrench by wiping. Do not immerse. The wrench should be sent to a qualified calibration lab once every year or every 2,500 cycles for re-calibration.

WHAT IS TORQUE?

According to Webster:

- A twisting or wrenching effect, or moment, exerted by a force acting at a distance on a body, equal to the force multiplied by between the line of action of the force, and the centre of rotation at which it is exerted.
- A force, which tends to produce rotation. The measurement of torque is based on the fundamental law of the lever.

BASIC TORQUE FORMULA

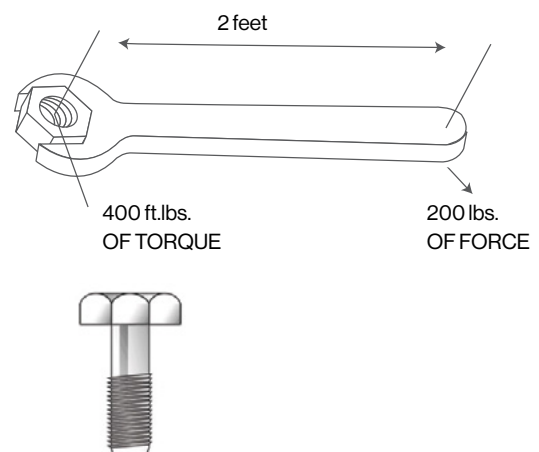
$$L \text{ (length)} \times F \text{ (force)} = T \text{ (torque)}$$

EXAMPLE: A two foot lever at a right angle to the fastener with 200 pounds at the end will produce 400 foot/pounds of torque.

$$\text{TORQUE FORMULA: } L \times F = T$$

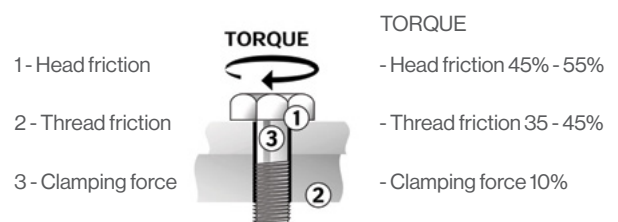
Torque is expressed in commonly used units of measurements such as:

in. lbs.= inch pounds	Nm = Newton metre
in. ozs.= inch ounces	cNm = centi Newton metre
ft. lbs.= foot pounds	Mkg = metre kilogram



TORQUE VERSUS CLAMPING FORCE

Only a small part of the torque applied to a fastener contributes to clamping force. The remaining, as much as 90% of the total applied torque, is used to overcome friction under the fastener head (or between nut and washer) and friction in thread engagement.



TORQUE AND CLAMPING FORCE

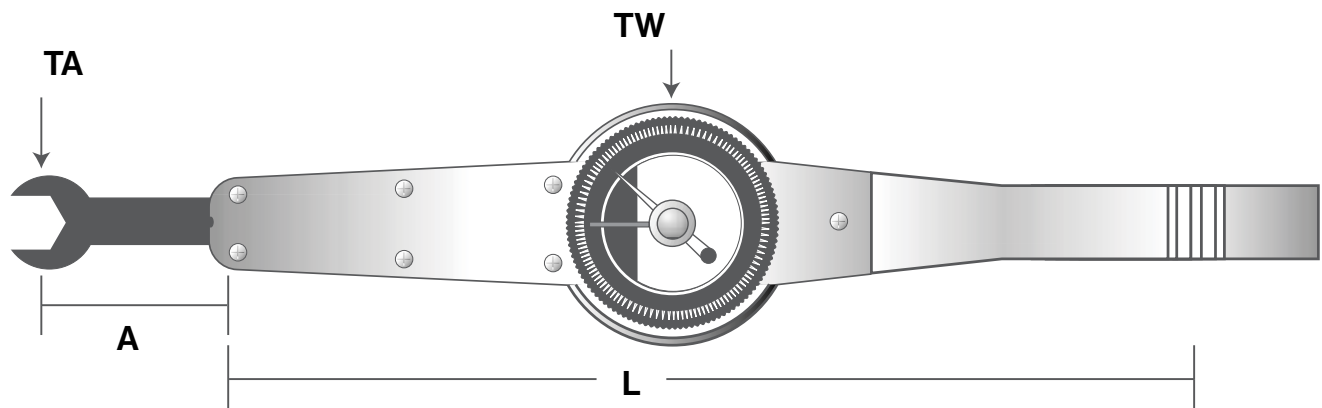
WHAT ARE WE TRYING TO ACHIEVE WITH A TORQUE WRENCH?

ANSWER: CORRECT CLAMPING FORCE

Controlling the torque force applied in tightening threaded fasteners is the most commonly used method for the application of clamping force. There are many factors which may affect the relationship between torque and clamping force of threaded fasteners. Some of these are:

- Type of lubricant used on the threads
- Material from which the bolts and nuts are made
- Types of washer used
- Class and finish of threads & various other factors

It is not possible to establish a definite relationship between torque and clamping force which will be applicable for all conditions.



FORMULA FOR CALCULATING ADDITION OF AN ADAPTOR TO A TORQUE WRENCH

$$\frac{TA \times L}{L + A} = TW$$

LENGTH (L)	=	Effective length of the wrench as described below.
DEFLECTING BEAM WRENCHES	=	The measured distance from the centre of the square drive to the centre of the handle or groove machined in the handle.
DIAL WRENCHES	=	The measured distance from the centre of the square drive to the centre ring or notch on the handle.
MICROMETER WRENCHES	=	The measured length from the centre of the square drive to the centre of the handle, with the wrench set at the desired torque reading.
DESIRED TORQUE	=	The torque value designated for the fastener with or without an adaptor.
ADDED LENGTH OF ADAPTOR	=	The measured length from the centre of the adaptor drive to the centre of the wrench square drive.
NEW SETTING (TW)	=	The torque setting on the wrench allowing the added length of the adaptor. This reading will be lower than the desired torque.

250ft.lb. dial wrench using a 2" long crowfoot adaptor.

EXAMPLE:

L = Effective length: 18.75"
Desired torque: 250" ft.lb.
Length of adaptor: 2"

$$\text{RESULT: } \frac{18.75" \times 250" \text{ ft.lb.}}{18.75" + 2} = \text{Pull Wrench to 226 ft.lb.}$$

SPARE PARTS & ACCESSORIES

HAND TOOLS

DIGITAL MULTIMETER BENCH-TOP DISPLAY STAND

- Eye-catching design
- Requires minimal bench space
- Complete with display unit and 8 multimeters
- Can store up to 8 packaged A830L multimeters
- Great selling aid
- Individual multimeters available separately



WB	
A830L-M	Digital multimeter benchtop display stand

RATCHETING DRIVE SPANNERS DEMO UNIT & MERCHANDISER

Eye-catching design.

- Requires minimal bench space
- Can store up to 10 packaged drive spanners Part No. 385200 & Part No. 385250
- Great selling aid
- Individual drive spanners available separately



WB	
385-DISPLAY	Merchandiser (box only)
385-DISPLAYP	Merchandiser (box only)
385200-DEMO	Demo unit

SCREW REMOVAL PLIERS DEMO KIT & MERCHANDISER

- Eye-catching design
- Requires minimal bench space
- Can store up to 10 packaged PZ series pliers
- Great selling aid
- Individual multi-purpose screw removal pliers available separately



WB	
PZ-DISPLAY	Merchandiser (box only)
PZ58-DISPLAY	Merchandiser (with 10 x Part No. PZ58 pliers, demo unit & demo block with chain)
PZ58-DEMO	Part No. PZ58 pliers demo unit + demo block with chain
PZ58-DEMOBLOCK	Demo block with chain

TORQUE WRENCHES DISPLAY RACK

This well presented display rack can be a great addition to any workshop or outlet store. It is a great way to highlight and neatly maintain your collection of Warren & Brown wrenches. The cabinet is lockable which ensures safety and security. It can hold a minimum of 4 different wrenches, including Deflecting Beam, Micrometer or Screen types.



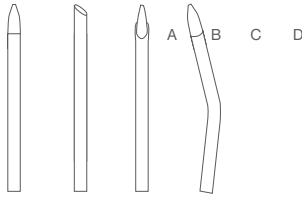
WB	
327DISPLAYP	Cabinet dimensions are 740 (W) x 670 (H) x 150 (D)

SPARE PARTS & ACCESSORIES

SOLDERING EQUIPMENT

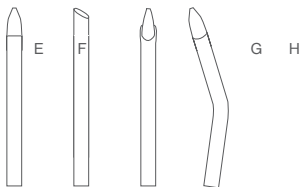
SCOPE MH SERIES TIPS FOR IRONS

Tips to suit Part No. MH25



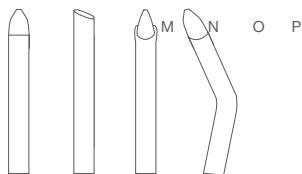
WB			
MH25-DF	C	4mm	Double flat
MH25-DFB	D	4mm	Double flat angled
MH25-SF	B	4mm	Single flat
MH25-ZF	A	4mm	Zero flat

Tips to suit Part No. MH40



WB			
MH40-DF	G	5mm	Double flat
MH40-DFB	H	5mm	Double flat angled
MH40-SF	F	5mm	Single flat
MH40-ZF	E	5mm	Zero flat

Tips to suit Part No. MH60 & MH80



WB			
MH80-DF	O	8mm	Double flat
MH80-DFB	P	8mm	Double flat angled
MH80-SF	N	8mm	Single flat
MH80-ZF	M	8mm	Zero flat

METAL ETCHING PEN PLUNGER TIP



WB			
V40	Plunger tip for MEP - Metal Etching Pen		

SCOPE MAXIMA SERIES SOLDERING GUN REPLACEMENT GLOBE



WB			
SP-100GLOBE	Replacement globe for the SP-100 Scope series gun		

SCOPE MAXIMA SERIES SOLDERING GUN REPLACEMENT TIP



WB			
SP-100TIP	Soldering gun replacement tip		

SPARE PARTS & ACCESSORIES

SOLDERING EQUIPMENT SPARE PART LIST

Spare parts list - SS / BL / HI



	WB
Economy tip/element PK - 2 elements, 3 tips	05PS
(Copper tips - 6.4mm D.F (pack of 10	01A
(Copper tips - 3.2mm conical (pack of 10	01B
Barrel, stainless	02
(Elements (pack of 10	03
Bead retaining nuts	04
(Beads ceramic (pack of 2	05-02
(Beads ceramic (pack of 10	05-10
Push rod only	06
(Push rod only (black handle	06-BL
Push rod assembly	06A
(Push rod assembly (black handle	06A-BL
Return spring	07
Flex lead	08
(Lock nut (front) (black handle	09
Brass nut	10
(Handle, body only (black	11A
Handle complete (black) - inc. parts 09, 11A & 12 to 15	11B
(Switch ring (black handle	12
(Rubber grip (black handle	13
(Grommet spring (black handle	14
(Grommet nut (black handle	15
(Handle only (orange handle	16A
Handle complete (orange handle) -inc. parts 16A to 19	16B
(Switch ring (orange handle	17
(Locknut (orange handle	18
(Grommet nut (orange handle	19

Spare parts list - MS/C60



	WB
Economy tip / element 5 Pk - 2 element, 3 tips	05PM
Copper tips - 6.4mm D.F (pack of 10)	01A/21
Copper tips - 3.2mm Conical (pack of 10)	21
Barrel, stainless	22
Elements (pack of 10)	23
Bead retaining nuts	24
Beads ceramic (pack of 5)	25-05
Beads ceramic (pack of 10)	25-10
Push rod only	26
Push rod assembly - inc. parts 24 to 27	26A
Push rod springs (pair)	27
Insulating bush	29
Switch return spring	30
Contact lug	31
Switch lever	32
Flex lead	33
Handle (half)	34
Centre piece	35
Brass nut	36



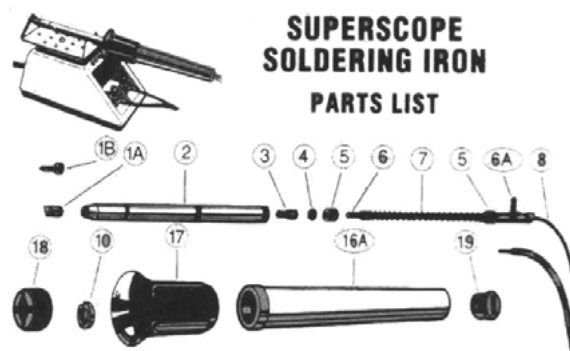
Part No. 03



Part No. 01B



Part No. 01A



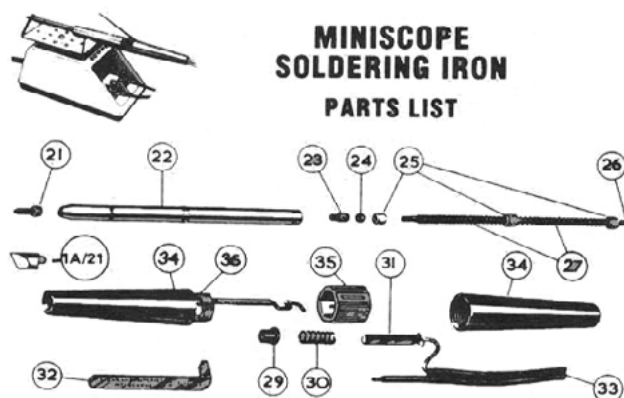
Part No. 23



Part No. 21



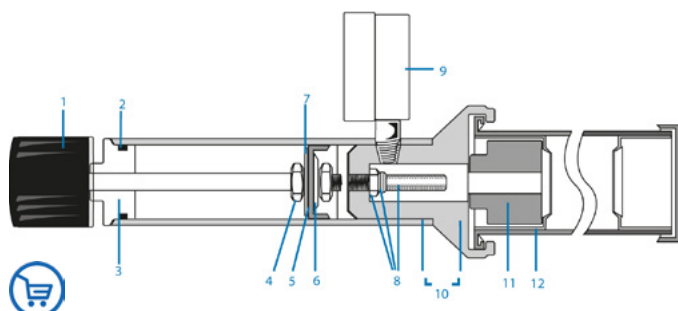
Part No. 01A/21



SPARE PARTS & ACCESSORIES

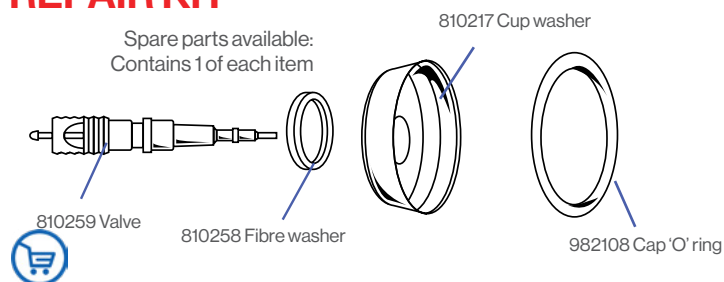
WORKSHOP, GARAGE & SERVICE

GARAGE & SERVICE EQUIPMENT SPARE PARTS



	WB	
1	810393	Piston rod moulded handle
2	982108	'O' ring
3	810252	Cylinder cap
5	810217	Cup washer
6	810219	Washer
7	810218	Backing washer
8	810296	Valve assembly
9	810206	Pressure gauge
10	810299	Cylinder assembly
11	810213	Adaptor bush
12	810398	Adaptor assembly

GARAGE & SERVICE EQUIPMENT REPAIR KIT



WB	
8102-RK90	Repair kit to suit model 810200

DRILL BIT



WB	
162515	Drill bit 6.3
162516	Drill bit 8.3
162517	Drill bit 10.5

TEE-KAY HEAD CHECK SPARE PARTS & DIAGRAM



WB	
10709	Tee-kay head check squeeze bulb
10713	Tee-kay head check filter
10715	Tee-kay head check non return valve
TK02	Tee-kay head check combustion leak detector fluid 500ml

THREAD REPAIR TAP



WB	
162506	Tap M13X1.25
162507	Tap M13X1.5
162508	Tap M15X1.5
162509	Tap M17X1.5
162510	Tap M20X1.5
162511	Tap M22X1.5
162518	Tap M6x1.0
162519	Tap M8X1.25
162520	Tap M10X1.5

SUMP PLUG WITH WASHER



WB	
162500	Sump plug with washer M13 x 1.25
162501	Sump plug with washer M13 x 1.5
162502	Sump plug with washer M15 x 1.5
162503	Sump plug with washer M17 x 1.5
162504	Sump plug with washer M20 x 1.5
162505	Sump plug with washer M22 x 1.5

THREAD INSERT

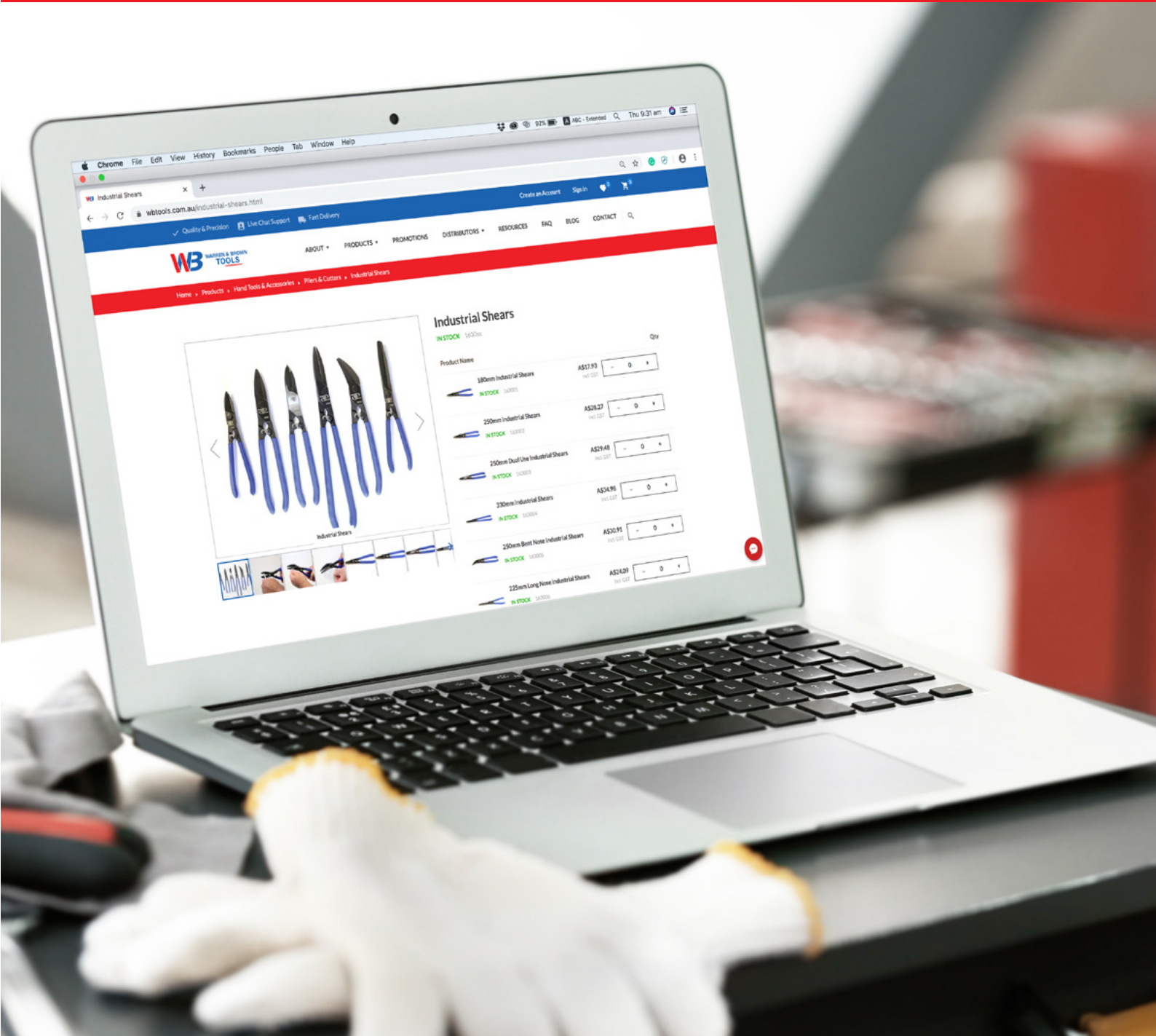


Thread inserts are a metal cylindrical shape that is inserted into an existing hole to provide a threaded track for bolts, screws and other fasteners

WB	
162512	Thread insert M6X1.0X10
162513	Thread insert M8X1.25X
162514	Thread insert M10X1.50

SPARE PARTS & ACCESSORIES

When you need quality tools – the answer is always WB Tools



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