

HINDIN MARQUIP LTD

2024 PRODUCT CATALOGUE

HARDWARE AND MACHINERY DISTRIBUTORS
www.hml.co.nz

OUR STORES FROM THE PAST

AUCKLAND

1012 Great South Road, Penrose 1061
Tel: 09 9131666 email: sales@hml.co.nz



Original Auckland office on lower Albert St in 1940s. Relocated to Wakefield St in 1960 before establishing current Penrose warehouse in 1992.

HAMILTON

13 Norton Road, Frankton 3204
Tel: 07 8476076 email: salesh@hml.co.nz



Hamilton Branch established in 1969 and expanded in 1996.

WELLINGTON

Tel: 021 478 111 email: w1@hml.co.nz



Hindins physical presence in Petone came to an end after the closure of the car plants.

CHRISTCHURCH

105 Main South Road, Sockburn 8042
Tel: 03 3430306 email: salesc@hml.co.nz



This branch in FitzGerald Ave relocated to the current premises in 1995 before the building shown was damaged beyond repair after the 2010 & 2011 earthquakes.



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FESTOOL CATALOGUE

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100%



CAST IRON
SLOW REVVING



MARQUIP INDUSTRIAL BELT DRIVE COMPRESSORS

'DC' DUAL CONTROL electric versions feature:

- Automatic STOP/START pressure switch (PS) control and automatic free-running air governor (AG) control
- Depending on compressor use and duty the best method of operation can be chosen to suit the job
- **Heavy duty** cast iron pump has cast iron cylinders, air cooled by a large fan-type flywheel
- **Efficient air intake filters** reduce noise and low revving speed extends pump life
- **'AG'** versions are fitted with head unloaders
- **'RF'** versions are fitted with pneumatic wheels



16RSE-DC

GERMAN MADE PRESSURE SWITCH
ITALIAN CHECK VALVES
VIBRATION RESISTANT LIQUID FILLED GAUGES



16RFE-DC

MODEL	AIR RECEIVER	FAD	AIR DISPLACEMENT		MAX PRESSURE		POWER		PUMP	DIMENSIONS L X W X H	WEIGHT
	litre		lpm	lpm	cfm	Bar	psi	kW			
MARQUIP INDUSTRIAL											
16RSE-DC 15A PLUG	50	300	445	15.7	9.4	135	2.0	2.7	TA65	110 x 40 x 80	81
16RFE-DC 15A PLUG	50	300	445	15.7	9.4	135	2.0	2.7	TA65	110 x 67 x 80	84
20RFP-AG	70	319	489	17.3	9.4	135	PETROL	5.5	TA65	112 x 40 x 80	98

PETROL UNITS

Petrol units include 'throttle control' to permit the engine to idle when full pressure is reached. This enhances the life of both engine and pump.



20RFP-AG

DIAPHRAGM COMPRESSOR



W2814

DIRECT DRIVE

1.5 HP
 6 litre tank
 Quiet 65 dB



OL1506

MODEL	AIR RECEIVER	FAD	AIR DISPLACEMENT		MAX PRESSURE		POWER		DIMENSIONS L X W X H	WEIGHT
	litre		lpm	lpm	cfm	Bar	psi	kW		
W2814	-	-	42	1.5	4	60	.13	.17	26 x 18 x 21	6
OL1506	6	88	195	6.9	8	116	1.1	1.5	36 x 28 x 52	19

OILLESS PROFESSIONAL DIRECT DRIVE

Italian Pump and Motor, German Pressure Switch, NZ assembled. These models are ideal where an oil free environment is required, including Dental, Medical and Lab work, Food Grade environments and Dairy Milk purge.

TOP SERIES OILLESS PUMPS Electric low revving 4 pole (1350rpm) motor resulting in a professional low-noise product.

AVAILABLE AS PORTABLE 40 LITRE OR STATIONARY 105 LITRE MODEL



10TDE-OL

MODEL	AIR RECEIVER	FAD	AIR DISPLACEMENT		MAX PRESSURE		POWER		PUMP	DIMENSIONS L X W X H	WEIGHT
	litre		lpm	lpm	cfm	Bar	psi	kW			
10TDE-OL	40	140	280	9.9	10	145	1.5	2.0	TOP300/3	80 x 40 x 70	42
10CSE-OL	105	140	280	9.9	10	145	1.5	2.0	TOP300/3	120 x 40 x 70	75



10CSE-OL

DIRECT DRIVE

- Spitfire1125 & Spitfire1140
- Direct drive. Lightweight.
 - Large solid 200mm wheels
 - Aftercooler and soft start valve
 - Copper delivery pipe and motor winding
 - Filter / Regulator fitted with a coupler
 - Ideal for hobby & light trade
 - For lower demand tools & duty cycle



SPITFIRE1025



SPITFIRE1050

ALL ELECTRIC MODELS FEATURE:

- Cast iron cylinder
- Steel valves
- Pressure switch control
- Electric motor overload protection with manual reset



THE SPITFIRE RANGE RECOGNISES DOUG BROWN, THE FOUNDER OF HINDIN MARQUIP, WHO FLEW SPITFIRES FOR 485 NZ SQUADRON AND 130 PUNJAB SQUADRON 1941 - 1944.

MODEL	AIR RECEIVER	FAD	AIR DISPLACEMENT		MAX PRESSURE		POWER		DIMENSIONS L X W X H	WEIGHT
	litre		lpm	lpm	cfm	Bar	psi	kW		
DIRECT DRIVE										
SPITFIRE1025	24	152	191	6.7	9.5	135	1.8	2.5	60 X 25 X 60	28
SPITFIRE1050	50	156	191	6.7	9.5	135	1.8	2.5	76X 32 X 68	36

BELT DRIVE

- Excellent reliability & overall performance
- Suitable for a large range of applications
- This professional compressor is well suited for a one-man workshop
- Large solid 200mm wheels
- Aftercooler and soft start valve
- Copper delivery pipe and motor winding
- Filter / Regulator fitted with a coupler



SPITFIRE1350N



SPITFIRE1550

MODEL	AIR RECEIVER	FAD	AIR DISPLACEMENT		MAX PRESSURE		POWER		DIMENSIONS L X W X H	WEIGHT
	litre		lpm	lpm	cfm	Bar	psi	kW		
DIRECT DRIVE										
SPITFIRE1350N	50	189	235	8.3	10	145	1.9	2.5	84 X 37 X 80	59
SPITFIRE1550 15A PLUG	50	316	234	8.3	10	145	2.2	3.0	84X 38 X 83	63

**MARQUIP INDUSTRIAL
 STATIONARY RECIPROCATING
 COMPRESSORS**

'DOL' models with Starter/Pressure Switch
 (Direct-on-line)

'PS' models supplied with Pressure Switch
 (On/Off Starter controls
 by electrician)

100%



GERMAN MADE PRESSURE SWITCH
ITALIAN CHECK VALVES
VIBRATION RESISTANT LIQUID FILLED GAUGES

HEAVY DUTY CAST IRON PUMP

- LOW REVVING, BELT DRIVE TYPE
- LONG LIFE
- RELATIVELY QUIET



22CSE_DOL



33BSE-DOL



53BSE-DOL

MODEL	AIR RECEIVER litre	FAD lpm	AIR DISPLACEMENT		MAX PRESSURE		POWER			PUMP	DIMENSIONS L X W X H cm	WEIGHT Kg
			lpm	cfm	Bar	psi	kW	HP	Phase			
16CSE-DC	105	300	445	15.7	9.4	135	2	2.7	1	TA65	110 x 40 x 80	115
22CSE-DOL	105	441	603	21.3	9	130	3	4	3	VA80	115 x 40 x 86	128
33BSE-DOL	155	696	921	32.6	9	130	4	5.5	3	TA80	140 x 44 x 102	177
53BSE-DOL	155	1103	1472	52.0	9	130	7.5	10	3	TA100	140 x 58 x 107	250

Shipped on timber bearers for ease of handling and installation (for transport dimensions add 12cm to width and height)
 Three phase compressors should be installed by a registered electrician

THE HINDIN RANGE WITH GENUINE FU SHENG CAST IRON HEAVY DUTY PUMPS



100%



**CAST IRON
SLOW REVVING**

- Genuine FuSheng Reciprocating Air Compressor Pump operating at low r.p.m. Cast iron construction. Pumps have a worldwide reputation for outstanding performance and reliability. Marketed in New Zealand by Hindin Marquip for more than 30 years.
- Superior pump design with a high strength forged steel crankshaft, low-friction roller main bearings, extra large oil reservoir, long-life piston rings, precision machined cylinders, deep directional cooling fins, robust plate-type inlet and exhaust valves, and low-noise air intakes with replaceable filter elements.
- Heavy Duty Engines. Single phase models with IP54 compressor duty TEFC electric motor with HD capacitor and overload protection. Petrol units with Genuine Honda. Three phase models with IP55 TEFC high efficiency TECO motor with sealed-for-life roller bearings.
- Automatic Engine Control. Electric models with precision German made Condor pressure switch and single phase with soft-start unloader valve. Petrol models with Conrader auto-idle throttle control and easy start unloading ball valve.
- Extended service life V-belt fully enclosed by impact resistant metal safety guard designed for easy maintenance access and high flow-through cooling. Fully compliant with Australia/New Zealand safety standards and regulations for industrial workplace use.
- Generously sized air receiver tank to optimise air storage efficacy. Designed and manufactured to AS/NZS1210. Thick baseplate for rigidity. Abrasive blast cleaned prior to application of three stage paint system.
- Premium grade fasteners, fittings and check valves throughout with copper piping. 12 month warranty covering manufacturing fault backed up by NZ service support network.

MODEL	AIR RECEIVER	FAD	PUMP DISPLACEMENT		MAX PRESSURE		POWER		PUMP	DIMENSIONS L X W X H	WEIGHT
	litre	lpm	lpm	cfm	Bar	psi	kW	HP			
SINGLE PHASE											
H12	60	178	283	10	9	130	1.5	2	VA65	94 X 39 X 73	79
H17 15A PLUG	70	255	387	13.7	9	130	2	2.7	TA65	109 X 39 X 78	93
THREE PHASE											
H25	125	447	600	21.2	9	130	3	4	VA80	148 X 47 X 91	169
H30	150	603	781	27.6	9	130	4	5.5	TA80	149 X 50 X 103	217
H40	250	778	1041	36.8	9	130	5.5	7.5	VA100	154 X 60 X 112	304
PETROL ENGINE											
H30PE	125	680	877	31	9.5	140	PETROL	8	TA80	147 X 46 X 106	194

Componentry subject to change without notice

THE HINDIN RANGE WITH GENUINE FU SHENG CAST IRON HEAVY DUTY PUMPS

SINGLE PHASE SERIES

H12	VA65 pump with 2HP motor on 60L tank
H17 15A PLUG	TA65 pump with 3HP motor on 70L tank

100%



CAST IRON
SLOW REVVING



H17

THREE PHASE SERIES

H25	VA80 pump with 4HP Motor on 125L tank
H30	TA80 pump with 5.5HP motor on 150L tank
H40	VA100 pump with 7.5HP motor on 250L tank

Three phase compressors should be installed by a registered electrician

100%



CAST IRON
SLOW REVVING



H30

PETROL SERIES

H30PE	TA80 pump with 8HP Honda electric start on 125 litre stationary tank
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Electric start exclude battery and leads

100%



CAST IRON
SLOW REVVING



H30PE

PUMPS, MOTORS & DRYERS

CAST IRON HEAVY DUTY PUMPS

100%



FU SHENG pumps are renowned for their heavy duty construction, slow revving, quiet operation, efficient valve design, ease of operation and low maintenance. These features combined produce a pump that will give a long service life.

MODEL	AIR DISPLACEMENT @ RATED RPM	RATED SPEED	FILTER ASSEMBLY	FILTER ELEMENT	MAX PRESSURE
	lpm	rpm			Bar
VA65	310	1050	2601-540010	2601-540050	10
TA65	500	1050	2601-540010	2601-540050	10
VA80	600	990	2601-540360	2601-540410	10
TA80	900	990	2601-540360	2601-540410	10
VA100	1000	900	2601-540360	2601-540410	10
TA100	1500	900	2601-540360	2601-540410	10
TA120	2300	860	2601-540360	2601-540410	10

MOTORS: MARQUIP SINGLE PHASE COMPRESSOR RATED IP54

MODEL	HORSEPOWER	RPM	SHAFT SIZE
EM015	2.0	2850	19.05
EM02	2.7	2850	19.05



MOTOR PARTS

5401-074-705	Overload Switch 12A for EM015
5501-074-705	Overload Switch 15A for EM02
5501-074-708	Centrifugal Switch
5501-074-300	Cap Box Base EM015/EM02
5501-074-301	Cap Box Top Cover EM015/EM02
CAP100X350P	Capacitor 100µF 350V Start EM015
CAP150X350P	Capacitor 150µF 350V Start EM02, 1350N
CAP30X450P	Capacitor 30µF 450V Run EM015
CAP35X450P	Capacitor 35µF 450V Run 1350N
CAP40X450P	Capacitor 40µF 450V Run 1024, 1050
CAP45X450P	Capacitor 45µF 450V Run EM015
CAP50X450P	Capacitor 50µF 450V Run 1550

AIR RECEIVERS

MODEL	VOLUME	TYPE	PRESSURE
	litre		Bar
AR-TD	40	Stationary/mobile	10
AR-RS	50	Stationary/mobile	10
AR-CS	105	Stationary	10
AR-BS	155	Stationary	10



5401-074-705



5501-074-708



CAPSTART

AIR DRYERS



Direct heat exchange without glycol. Complete with separator and automatic condensate drain. Dew point 5°C (normal conditions). Designed for tropical conditions. Freon R134A to CE standards for size up to AMD32.

PERFORMANCE IS BASED ON 'NORMAL' CONDITIONS:

- Working pressure 7 Bar
- Ambient temperature 35°C
- Inlet temperature 42°C
- Dryers should be located downstream of the air receiver and pre-filters (must be used).

MODEL	LPM / CFM	HP*	OUTLET	L X D X H	KG
AMD9	950 / 34	7.5HP	1/2"	37 x 52 x 48	26
AMD12	1200 / 42	10HP	1/2"	37 x 52 x 48	28
AMD18	1800 / 64	15HP	1/2"	37 x 52 x 48	32

*Air Dryer supports Compressor HP as noted

PARTS FOR HINDIN & MARQUIP COMPRESSOR PUMPS
FILTERS


2601-540010	FILTER ASSY 1/2" for CA65 TA65 D4
2601-540050	ELEMENT for CA65 TA65 D4
2601-540360	FILTER ASSY 1" VA80 TA80, 100 & 120
2601-540410	ELEMENT VA80 TA80, 100 & 120

INLET / OUTLET VALVES


2501-310020	Valve Plate, Inlet & Outlet, TA65
2601-310190	Spring, Valve Inlet TA65
2601-320030	Spring, Valve Outlet TA65
2601-310630	Valve Assy, Inlet VA80 TA80
2601-310880	Valve Assy, Inlet TA100
2601-311120	Valve Assy, Inlet TA120
2601-320070	Valve Assy, Outlet TA80
2601-320190	Valve Assy, Outlet TA100
2601-320311	Valve Assy, Outlet TA120
2601-024400	Gasket, Valve seat. In /Out. VA/TA80
2601-026190	Gasket, Valve Seat. In / Out. TA100

CYLINDER GASKETS

2601-021381	Gasket, Head Cylinder CA65 VA65 TA65		2601-021381
2601-024331	Gasket, Head. VA80 TA80		
2601-021620	Gasket, Base CA65 TA65		2601-021620
2601-024570	Packing, Base VA80 TA80		

PISTON RINGS

	2601-021890	Compression CA65 TA65
	2601-024970	Compression VA80 TA80
	2601-026840	Compression TA100
	2601-027730	Compression TA120
	2601-035680	Oil Control CA65 TA65
	2601-024990	Oil Control VA80 TA80
	2601-026860	Oil Control TA100
	2601-027740	Oil Control TA120

SCREW COMPRESSOR PARTS


MF001010	Air Filter MXP1000/1500 MXH2000
MF001007	Oil Filter MXP1000/1500
MF001003	Oil Filter MXH2000
MF001012	Separator MXP1000/1500
MF001013	Separator MXH2000
MC003020	Logic 9 Controller

CRANKCASE

2601-020730	Breather Cap & Ball CA/VA/TA65, VA/TA80
2601-026671	Breather Cap & Ball TA100/120
2601-037952	Gauge, Oil Level (Threaded) VA/TA65, VA/TA80
2601-026740	Gauge & Cover, Oil Level TA100/TA120
2601-026770	Seal, Oil Level TA100/TA120


PIPEWORK

2601-491770	Pipe Assy, Discharge, TA65
2601-490640	Pipe Assy, Discharge, VA80
2601-491510	Pipe Assy, Discharge, TA80
2601-491971	Pipe Assy, Discharge, TA100
2601-492450	Pipe Assy, Discharge, TA120 New


UNLOADERS


2601-410270	Unloader Tube Assy D4 TA65
2101-080140	Elbow 90 CA65/TA65/TA80/TA100/TA120
2101-090006	Tee TA65/TA80/TA100/TA120
2101-100001	Ring, Connect
2101-110001	Nut
2601-021441	Unloader Assy CA65/VA65/TA65
2111-010014	O Ring P20, Unloader VA80 / TA80
2111-010105	O Ring Viton, Unloader VA100 / TA100
2111-010108	O Ring Viton, Unloader,TA120

PARTS FOR TOP300 PUMP

	T300002	Compression Ring TOP300
	T300008	Filter TOP300
	T300014	Gasket for Cylinder TOP300
	T300015	Gasket for Head TOP300

OTHER FILTERS

	317007001	Intake Filter 3/8" Generic
	4343410001000	SPITFIRE series RED before 2021
	2236112835	SPITFIRE series GREY from 2021

VALVES

SAFETY VALVES



MQ112



MQ112-10



MQ113-10

MODEL: VARIABLE	
MQ112	1/4" 3-10 Bar (max 1500 lpm) (optional springs)
MQ112-11A	1/4" 3-10 Bar (max 3300 lpm)
MODEL: FIXED	
MQ112-10	1/4" 10 Bar (max 3300 lpm)
MQ113-10	3/8" 10 Bar (max 3300 lpm)
MQ113-14	1/4" 13.5 bar (200psi)

MODEL	SPRINGS FOR MQ112
MQ112-S2	Spring 25-30psi (Silver)
MQ112-S11	Spring 31-40psi (Red)
MQ112-S3	Spring 41-55psi (Green)
MQ112-S5	Spring 56-85psi (Black)
MQ112-S6	Spring 111-175psi (White)
MQ112-S7	Spring 176-215PSI (Orange)

UNLOADER VALVES



PV1418



TC3892

MODEL	DESCRIPTION
LGM-30	Load Genie Mark 30. Inlet 1/2"M. 570 lpm
PV1418	Pilot Valve, Brass 14 Bar. Pressure and differential adjustment Inlet 1/4" NPTF. Outlet 1/8". Enables "continuous run"
PV3818	Pilot valve. Brass 14 Bar. Pressure differential fixed Inlet 3/8". Outlet 1/8"
TC3892	Throttle Control for 5.5-6.5 HP Honda
TCPF	Throttle Control with Push Fit
TCSP4625	Throttle Control for 8-9 HP Honda

PRESSURE CONTROLS



PRESSURE SWITCHES		
PS-MDR2/1100	1/4" 4-port	4-13 Bar rated 2kW with AEV2WS
PS-MDR2/1100/EV21	1/4" 4-port	with 10psi EV21 unloader
AEV2-W	Unloader valve assy for FS Sets	Fits copper pipe
AEV2-WS	Unloader valve assy for MDRZ	6mm tube

PRESSURE SWITCH / DOL STARTERS	
PS-MDR3/10	1/4" (6.3-10 amp)
PS-MDR3/16	1/4" (10 - 16 amp)
PS-MDR3/20	1/4" (16 - 20 amp)

CHECK VALVES



FCV



FCV HANDED



CV

	FLOW lpm	TANK SIDE	INLET SIDE
FCV3838M	340	3/8"M	3/8"M
FCV3812MH	340	1/2"M	3/8"M- handed
FCV1212MF	570	1/2"F	1/2"M
FCV1212M	570	1/2"M	1/2"M
FCV1212MH	570	1/2"M	1/2"M - handed
FCV3434MF	850	3/4"F	3/4"M
CV1212MF	570	1/2"M	1/2"F
CV3434MF	850	3/4"M	3/4"F
CV1010MF	1700	1"M	1"F

CHECK VALVE SEALS	
G/114/2	3/8", 17 x 9mm
G/114/3S	3/8" with spring
G/114/3	1/2", 20 x 8mm

DRAIN VALVES

MANUAL DRAIN	
MQD01	1/8"
MQD02	1/4"
MQD03	3/8"
MQD03BV	3/8" ball valve
MQD04	1/2"



MQD03



MQD03BV



MQD02



MQ-YS

BRASS FILTER

BRASS FILTER	
MQ-YS	1/2" FF with stainless steel mesh filter

BALL VALVES

BV6 HEAVY DUTY

BV2M
INLINE FRL UNITS

BR200

BFR200H BL200

162614
 [for filter assemblies for breathing apparatus refer page 93]

"INTANK" FILTER / REGULATOR

PRESSURE GAUGES

LIQUID FILLED GAUGES


PGG632R10	1/4" 63mm 1000kPa (150psi)	Rear entry
PGG632B10	1/4" 63mm 1000kPa (150psi)	Bottom entry

MODEL	
BV2M	1/4" M
BV2	1/4" MF
BV3	3/8" MF
BV4	1/2" MF
BV6	3/4" MF
BV8	1" MF

MQ299	Maximum Pressure 3.5 Bar (50 psi)
W97100-06	Regulator for W7100 Pressure Pot

"B" SERIES COMPACT 1/4". MAX FLOW 1000 lpm (35 CFM)	
BR200	BR200 Regulator with bracket and gauge. 50-850kPa (125 psi)
BF200H	BF200H Filter with manual drain. Bowl size 60cc
BFR200H	BFR200H Filter & Regulator with bracket and gauge
BL200	BL200 Lubricator. Oil bowl capacity 90cc.

"C" SERIES COMPACT 1/2". MAX FLOW 2300 lpm (81 CFM)	
CR400	Regulator with bracket & gauge. 50-850kPa
CF400H	Filter with manual drain. Bowl size 100cc
CF400A	Filter with automatic drain
CFR400H	Filter & Regulator. Manual with bracket and gauge
CL400	Lubricator. Oil bowl capacity 160cc

"FESTO" CARBON, COALESCING AND PRE-FILTERS WITH METAL BOWL GUARD, END BLOCKS AND MANUAL DRAIN	
162614	1/2" Prefilter 5 micron 2000 lpm
159594	Filter Element 5 micron
532848	1/2" Coalescing Filter 0.01 micron 1120 lpm with pressure drop indicator
162675	Filter Element 0.01 micron
532783	1/2" Active Carbon Micron 900 lpm
532788	Filter Element Active Carbon
159593	Wall mount bracket set of 2

FR05	3/8"M inlet Filter / Regulator with gauge & 2 x 1/4"M tap outlet
-------------	--

PGA401R10	1/8" 40mm 1000kPa	rear entry
PGA502R10	1/4" 50mm 1000kPa	rear entry
PGA632B4	1/4" 63mm 400kPa (60psi)	bottom entry
PGA632B10	1/4" 63mm 1000kPa (150psi)	bottom entry
PGA632B16	1/4" 63mm 1600kPa (230psi)	bottom entry

- Glycerine filled
- Absorbs vibration and pressure spikes
- Extended Service Life
- Brass BSPT Thread
- Stainless Steel Casing

AIR HOSE REELS, AIR TOOL INDEX

HOSE REELS



HEAVY DUTY RETRACTABLE HOSE REELS MADE FROM DURABLE ENAMELLED STEEL AND HIGH QUALITY GERMAN MADE RUBBER HOSE

CODE	LENGTH	HOSE SPECIFICATION	WORKING PRESSURE	INLET/OUTLET
DB320-2-50-P300	15m Heavy Duty Hose Reel	10mm 3/8" Rubber	21Bar/300 psi	1/4" (F in / M out)
DB330-2-65-P300	20m Heavy Duty Hose Reel	10mm 3/8" Rubber	21Bar/300 psi	1/4" (F in / M out)
DB330-3-50-P300	15m Heavy Duty Hose Reel	13mm 1/2" Rubber	21Bar/300 psi	3/8" (F in / M out)

BRACKET

Hose Reel Bracket
Heavy-duty steel swivelling hose bracket suits all DB series reels



DSWM3321

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MARQUIP BULK HOSE

INTERNAL DIAMETER IS USED FOR ALL HOSES UNLESS STATED OTHERWISE

AIR HOSE "RED RUBBER"

POLYESTER BRAID. FLEXIBLE
INDUSTRIAL GRADE
WP 14 BAR / 200 PSI

CODE	INTERNAL DIAMETER
HARR10	10mm

NYLON HOSE

CODE	OUTSIDE DIAMETER
HANY06	6mm
HANY10	10mm

RECOIL HOSE (POLYURETHANE)

"BLUEFLEX" HOSE ASSEMBLIES

"REDRUBBER" HOSE ASSEMBLIES

GREEN "HYBRID" HOSE ASSEMBLIES


FLUID HOSE "NYLINER" SEE PAGE 88


AIR HOSE "BLUEFLEX" PVC

HIGH TENSILE. POLYESTER BRAID.
LIGHT AND FLEXIBLE
WP 14 BAR / 200 PSI

CODE	INTERNAL DIAMETER
HALF10	10mm


AIR HOSE GREEN "HYBRID"

KINK RESISTANT/ZERO MEMORY.
ABRASION RESISTANT OUTER COVER
WP 21 BAR / 300PSI

CODE	INTERNAL DIAMETER
HAFH10	10mm

LIGHT AND FLEXIBLE

CODE	SIZE
HAPU0808	5mm id x 8mm od x 8m
HAPU1008	6.5mm id x 10mm od x 8m
HAPU1015	6.5mm id x 10mm od x 15m

ALL WITH 1/4" M SWIVEL EACH END

10mm Hose with QD Coupler & Connector

CODE	SIZE
HALF10014A	1.4m long with QD fittings
HALF10014HF	1.4m long with QD HIFLO fittings
HALF1010A	10m long with QD fittings
HALF1015A	15m long with QD fittings
HALF1020A	20m long with QD fittings
HALF1030A	30m long with QD fittings

10mm Hose with 1/4" F Nut & Tail

CODE	SIZE
HARR1001F	1.2 long
HARR1003F	3m long
HARR1005F	5m long
HARR1008F	8m long
HARR1010F	10m long
HARR1015F	15m long

10mm Hose with QD Coupler & Connector

CODE	SIZE
HARR1010A	10m with QD Fittings
HARR1010HF	10m with QD HIFLO Fittings
HARR1015A	15m with QD Fittings
HARR1015HF	15m with QD HIFLO Fittings
HARR1020A	20m with QD Fittings
HARR1020HF	20m with QD HIFLO Fittings
HARR1030A	30m with QD Fittings

10mm Hose with QD Coupler & Connector

CODE	SIZE
HAFH1010A	10m with QD fittings
HAFH1015A	15m with QD Fittings
HAFH1020A	20m with QD Fittings
HAFH1030A	30m with QD Fittings

COUPLERS & CONNECTORS

MARQUIP "QD" COUPLERS & CONNECTORS

CONNECTOR COUPLER CONNECTOR Rated for 500 litre/min (18cfm) full flow at 7 Bar



QD4F	1/4" F
QD2M	1/8" M
QD4M	1/4" M
QD6M	3/8" M
QD4H	6mm hose
QD5H	8mm hose
QD6H	10mm hose

MARQUIP "AIRFLOW" QD COUPLERS PERMIT THE USE OF ONE HOSE WITH A NUMBER OF TOOLS. AN AUTOMATIC SHUT-OFF VALVE PERMITS PRESSURE TO BE MAINTAINED. MAX INLET PRESSURE 20 BAR.

ALSO AVAILBLE **QD4AM** COUPLER WITH 1/4" MALE THREAD

BALL & SOCKET FITTINGS



MARQUIP "QD HIFLO" COUPLERS & CONNECTORS

1400 LITRE/MIN (50CFM) FULL FLOW AT 7 BAR



MARQUIP NUTS, TAILS & CONNECTORS



50N9	Nut 3/8" use with 50T tail
50T6	Tail for 6mm hose
50T9	Tail for 10mm hose
10T9/N6	1/4" x 3/8" Nut & Tail Assy
WA428	Joiner 8mm hose
WA429	Joiner 10mm hose
WA407	Connector 1/4" M x 6mm hose
WA408	Connector 1/4" M x 8mm hose
WA409	Connector 1/4" M x 10mm hose
3325X4	Nipple 1/4" x 1/4" M
3325X8	Nipple 1/2" x 1/2" M
3324X8X4	Nipple 1/2" x 1/4" M

CONNECTORS & TYRE FITTINGS
SUNDRY HOSE FITTINGS


W2011	Swivel 1/4" MF
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W2044	3 way adaptor 1/4" outlet x 3/8" inlet
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PTFE	thread tape roll
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OTK	hose crimps
OTK0911	9-11mm (7/16") Crimp
OTK1113	11-13mm (1/2") Crimp
OTK1315	13-15mm (9/16") Crimp
OTK1417	15-17mm (19/32") Crimp
OTK1518	15-18mm (5/8") Crimp



HCW	"worm drive" hose clips stainless steel
HCW011	11-16mm
HCW016	16-19mm

TYRE CHUCKS AND INFLATORS


M2046G	Inflator Pistol Grip
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W2016	Chuck Single Head 1/4"F
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W2046B	Inflator with 50mm gauge. Dual Head Chuck
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W2017	Tyre Chuck, Dual Head 150mm long x 1/4"F
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OIL


W2005	Mini oiler
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OIL-T1	Oil for air tools. 1 litre bottle
OIL-C2	Oil for compressors. 2 litre bottle

5 PIECE KIT



AK5

INCLUDES:

- Duster / air blow gun
- Tyre inflator and gauge
- Cleaning gun
- Suction spray gun
- Recoil hose assy

WONDER GUN KIT

WONDER GUN INCLUDES:

- Suction & blow gun
- Dust collection bag
- Hose and clips



W2310-K

AIR BLOW GUNS



W2314-1
Long nozzle 75mm
W2314
Air gun, pistol grip



M2317
Plastic air gun
100mm Nozzle



M2317 LC
Air Blow Gun
with 200mm Nozzle
& Hi Flo Connector



W2319
Pocket blow gun, adjustable

W2319-HF
with Hi Flo Connector



W2313
Safety Nozzle OSHA Compliant
100mm x 8mm High Volume

CLEANING GUNS



W2320
In line type cleaning gun



W2322
Cleaning gun with
W2027 700ml cup & 200mm
extension

PORTABLE ABRASIVE BLASTERS



W2331
Abrasive Blast Kit
with gun and 3m hose,
2 extra Air jets and
key wrench

W92331-04
1/4" Ceramic Nozzle



W2345M-18
Sand Blaster
• 600cc Capacity
• 7/32" Steel Nozzle
• Air consumption 200 lpm

RATCHETS


(Only available as W5003-K Set)

- 3/8" Ratchet Wrench
- Fast rundown to speed up
 - Triple planetary gear
 - Detent ball socket retainer

W5003-K

3/8" Ratchet Wrench KIT

- 7 sockets: 9, 11, 12, 13, 14, 17, 19mm
- Extension Bar 75mm
- Screwdriver adaptor
- Screwdriver extension bar
- 3 piece screwdriver bits
- Universal joint
- Blow-mold case

MODEL	WRENCH TYPE	SPEED	AIR CONSUMPTION		MAX TORQUE	
		RPM	lpm	cfm	kgs-m	ft-lbs
W5003	3/8" Ratchet	150	128	4.5	6	45
W5060D	3/4" Impact	4800	230	8	97	800
W5061	1/2" Impact	7000	130	4.5	32	230

Note: speed is free speed under no load

Note: air consumption is average air consumption under load

IMPACT WRENCHES

W5060D

- 3/4" Pin clutch
- Heavy Duty
- F/R control
- Bolt capacity 1"


W5061-K

- 1/2" Impact Wrench KIT
- Robust & Powerful
 - 10 sockets 9-27mm
 - 130mm extension
 - W2005 mini oiler
 - Wrench, nipple, case

HIGH SPEED SANDERS

ANGLE SANDER



W5134

- Sander, High Speed, 50mm Pad
- Angled head with NO GEARS. Offset handle for better control and access to hard to reach jobs.
- Positive exhaust away from work.



W5108I

- Complete with 5", 4 1/2", 3" phenol backing pad & built-in speed regulator

STRAIGHT LINE SANDER



W5110

Straight Line Sander 64 x 400mm

- Twin piston prevents stalling & provides smooth reliable power.
- Automatic throttle release / positive stop action. Quick action clamp and HD aluminium pad.
- Ideal for body fillers, wood, fibreglass, commercial vehicles and large surfaces.

BELT SANDER



W5116

W5116

Belt Sander

- 10 x 330mm belt (3/8" x 13").
- Swivel head for hard to reach places

W5117-1

Belt Sander

As for W5116 with belt (3/4" x 20")

MODEL	TYPE	SPEED	AIR CONSUMPTION		WEIGHT	SPINDLE
		RPM	lpm	cfm		
W5108I	High Speed Sander	18000	540	19	1.0	5/8"
W5134	Angle Sander 50mm	25000	340	12	1.5	1/4"
W5110	Straight Line Sander	3300	250	9	3.1	
W5116/W5117-1	Belt Sander	16000	500	18	0.9/1.2	

Note: speed is free speed under no load

PALM SANDERS

W5107A

"JITTERBUG" extra fine finish sander

- Pad 90 x 164mm.
- Compact Palm Grip for one-hand operation.
- Easy paper fit and positive locking

ORBITAL PALM SANDER

W5120AR
W5120AR

Palm Orbital Sander (5mm Orbit)

- HD neoprene pad (W2205)
- Muffled exhaust
- High-performance and well-balanced motor
- Includes 2 vinyl pads with 5/16" stud: 1 x W2205 plain pad, & 1 x W2205- V1 Hook type pad with 6 holes

ECONOMY "BOER" DA SANDER

PT227

PT227V
PT227 / PT227V

150mm DA Sander with HiFlo connector

- 5mm random orbit
- Built-in speed regulator

PT227V: Vacuum version
i.d./ o.d. 22/27mm
1m hose
Dust collection bag

RANDOM ORBITAL SANDER

W5105A

Sander 150mm. D.A. (Dual Action) for swirl free finish

- 5mm random orbit
- Built-in speed regulator
- Light weight. Ideal for body fillers
- W2205 plain pad

MODEL	TYPE	SPEED	MAX AIR CONSUMPTION		WEIGHT	SPINDLE
			RPM	lpm		
W5107A	Jitterbug Sander	8000	430	15	2.0	
W5120AR	Palm Orbital 150mm	10000	510	18	1.1	5/16"
W5105A	Orbital Sander DA	10000	450	16	2.7	5/16"
PT227	Economy Sander DA	10000	200	7	1.0	5/16"
PT227V	Economy Sander DA	10000	200	7	1.0	5/16"

Note: Speed is free speed under no load

Refer to **FESTOOL** for electric and hybrid cordless sanders with dust extraction

DIE GRINDERS



- W5200-K**
1/4" Die Grinder KIT
- Comprising W5200 1/4" Die Grinder
 - 10 mounted grinding stones 1/8", 1/4" and 6mm collet
 - Ball bearing construction
 - Rear exhaust

- W5200**
1/4" Bare Die Grinder. Includes:
- 1/4" and 6mm collet



- W5202P**
1/4" Angle Die Grinder
- 3 piece collet provides maximum holding power.
 - Rear exhaust.

ANGLE GRINDER



W5212-1
Angle Grinder 5"

- W5212**
Angle Grinder 4"
- Heavy Duty with governor mechanism.
 - Ball bearing construction.
 - Safety guard.
 - Side handle.

TOOL SPECIFICATIONS

MODEL	TYPE	SPEED	MAX AIR CONSUMPTION		WEIGHT
		RPM	lpm	cfm	
W5200	1/4" Die Grinder	22000	450	16	0.6
W5202P	1/4" Angle Die Grinder	20000	400	14	0.5
W5212 / W5212-1	4" / 5" Angle Grinder	11000	610	18	1.8
W5300-1 / W5300-1KLS	3/8" Reversible Drill	1800	480	17	1.1
W5300S-3	1/2" Reversible Drill	700	480	17	1.2
W5331	3/8" Angle Drill	1900	450	16	1.0

Note: speed is free speed under no load

Note: air consumption is average air consumption under load

DRILLS



- W5331**
3/8" Angle Drill
- Variable Speed throttle.
 - Low head height for easy access



- W5300-1KLS**
3/8" Reversible Drill with keyless chuck

W5300-1

- 3/8" Reversible Drill
- Side-mounted forward / reverse lever permits one-handed operation
 - Long life ball bearing construction. Moulded handle.

- Muffled exhaust. Built-in air regulator.
- Light weight. For drilling, reaming, honing, hole sawing.



- W5300S-3**
1/2" Reversible Drill
- Compact & Lightweight.
 - Double Planetary Gear reduces speed and increases power

AIR HAMMER

W5402-2K

W5402 Hammer kit includes

- 5 chisels x 10mm shank x 190mm.
- QC retainer and Universal spring.
- Ideal for muffler and body shops, rust removal.

AIR HAMMER ACCESSORIES (.401") 10MM ROUND

W2103-D16B	Tapered Punch
W2103-D23B	Chisel Flat
W2103-D27B	Spot Weld Breaker
W95402-20	QC Retaining Chuck
W95402-21	Spring
W2035	Needle Scaler Attachment c/w needles for w5402 Air Hammer

NEEDLE SCALERS

W5435S

Straight Needle Scaler

NEEDLE SCALER ACCESSORIES

W5436	Needle set 3mm x 180mm x 100 pieces
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W5435

Pistol Grip Needle Scaler includes

- 19 x 3mm needles.
- Lever throttle speed control ideal for rust and paint removal


AIR RIVETERS

Ideal for duct work, automotive, production.


W5742R

HD Riveter with drop forged housing

- Capacity up to 4.8mm (3/16")
- Traction 900kg (1980 lb)


W5741-K

Riveter KIT includes

- W5741 Riveter with Quick Release air valve, 4 nozzles (2.4, 3.2, 4.0, 4.8mm) 40 rivets and oil pot.
- Replacement jaw and 3 springs.
- Seal repair kit and W2011 swivel.
- Traction 720kg (1590 lb).

TOOL SPECIFICATIONS

MODEL	TYPE	SPEED	MAX AIR CONSUMPTION		WEIGHT	STROKE
		RPM	lpm	cfm		
W5402-2K	Air Hammer 190mm	3500	340	12	1.6	66
W5435 / W5435S	Needle Scaler Pistol (Straight)	3000	170	6	2.9	33
W5741-K	Air Riveter					
W5742R	Air Riveter				1.5	17

Note: speed is free speed under no load

MODEL	TYPE	SPEED	MAX AIR CONSUMPTION		WEIGHT	MAX TORQUE KGS-CM
		RPM	lpm	cfm		
W5656	1/4" Screwdriver – Pistol	800	450	16	1.2	167

SCREWDRIVERS

W5656

1/4" Pistol Grip Screw Driver

- "Push to start" adjustable clutch with HD Compression Spring determines torque.
- Muffled handle exhaust

UNDERCOATING GUNS

To apply products for fighting rust and stone chip damage.
 Max 6 Bar (3 Bar recommended for thinner products).
 Air Consumption around 120 lpm.



W5782

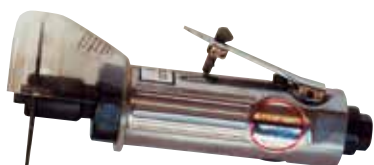
KIT complete with 2 can attachments (for CE and Australian can)



W5784

With flexible hose

CUTTING TOOLS



W5812

CUT-OFF TOOL

For general purpose, mufflers, hoseclamps, sheetmetal & rod. Built-in speed regulator.



W5840

Body Saw

Cutting capacity 1.5mm. Ideal for muffler and body shop repairs.

W95840-35K	24 tooth blades
W95840-35AK	32 tooth blades

MODEL	TYPE	SPEED	MAX AIR CONSUMPTION		WEIGHT
		RPM	lpm	cfm	kg
W5812	Cut Off Tool	20000	450	16	0.7
W5840	Body Saw	10000	110	4	1.0



BODY FILLERS

Demand the Best in Fillers!
60 Years of Automotive Innovation

GOOD



EZ ULTRA LITE
101342 – GALLON TIN

EZ ULTRA LITE has exceptional build qualities & incomparable sandability, but stiffer than our other products because of the larger spheres. Simply add by volume 5% Easy Sand and mix prior to adding hardener. This will make a huge difference to the application

FEATURES

- Ultra light formula
- Very latest filler technology
- Ideal for large areas with high build
- Super easy sanding
- Excellent adhesion on a variety of surfaces



LITE WEIGHT
101156 – GALLON TIN
101157 – QUART TIN

High quality, smooth spreading and easy sanding

FEATURES

- Vacuum processed for increased shelf life & reduced pinholes
- Creamy texture for smoother spreading
- Clog-free formula for improved initial sanding and no sandpaper clogging
- Reduced labour costs with faster abrasive cutting
- Excellent featheredge adhesion eliminating peel-back during sanding
- Superior overall adhesion

BETTER



Z-GRIP
102282 – GALLON TIN

1 Seller, effortless sanding, feather edging, superior adhesion to steel, galv. steel & aluminium. Part of METALWORKS System [can be mixed with Easy Sand to get the perfect mix]

Z-GRIP PLUS
100286 – GALLON TIN

Rich, thicker, creamy formula compared to Z GRIP, Fast dry to sand time, Stain free formula

FEATURES

- Advanced, clog-free, lightweight body filler for today's high tech metals
- Formulated with ZNX-7° for superior adhesion to galvanized steel, bare steel and aluminium
- Part of the MetalWorks® System that honours the OEM corrosion warranty
- Contains Hattonite™ for effortless sanding.
- Z-Grip Plus is stain free and a creamier formula



RAGE GOLD
101112 – GALLON TIN

Similar features to Z-Grip, easiest sanding and stain resistant. With all the attributes expected of an EVERCOAT lightweight Body Filler Formulated with the finest quality resin available similar to Polyester Glazing Putties.

FEATURES

- A stain resistant formula reducing the chance of staining and costly come backs on base coat / clear coat systems
- Extra smooth formula for improved spreadability
- Tack free for unsurpassed sanding qualities



BLUE CREAM HARDENER
100354 78 GRAM TUBE (24 TUBES PER CARTON)

Quick hardening non-separating cream hardener formulated for use with body fillers, specialty fillers & Polyester finishing putties

MISCELLANEOUS

BODY FILLERS

BEST!



THE RAGE ULTRA EXPRESS SYSTEM SAVES UP TO 36% IN TIME AND 40% IN MATERIALS

440 EXPRESS

**100444 – 440 EXPRESS KIT
118ML BOTTLE PLUS 12 FOAM
APPLICATORS & 2 HANDLES**

100440 – 473ML BOTTLE OF 440 EXPRESS

100439 – 12 FOAM APPLICATORS & 2 HANDLES

440 EXPRESS is a quick fix for micro-pinholes that are hard to identify prior to primer application. This 1K patent-pending technology is a high-solids polyester that is easy to apply and quick to dry.

RAGE ULTRA

100125 – GALLON TIN

Its unparalleled sanding qualities are a result of the patent pending formula that contains renewable technology. Its non-sag formula has excellent filling properties, while eliminating the need for finishing putty. Rage Ultra contains ZNX-7® and is part of the Metalworks® system. The new and improved formula with PATENTED ECORESIN technology

RAGE OPTEX

100135 – GALLON TIN

Ultra premium filler with colour changing technology. Once mixed with cream hardener OPTEX changes colour to indicate the repair is ready to sand. Saves time & money OPTEX is part of the Metalworks® system.

FEATURES

- Formulated with finest quality resins similar to Finishing Putty's
- Extra smooth giving improved spreadability and sanding without shrinkage
- Rage Ultra & Optex the world's best body filler with unparalleled sanding qualities
- Spreads easier and virtually eliminates pin holes
- Can be applied directly over sanded OEM paint
- Superior adhesion to aluminium, galv steel, SMC, fiberglass and silicon-bronze welds
- Patented ECORESIN technology for industry leading sanding qualities

ADVANTAGES FOR THE SHOP

- Saves money and time with less material and labour
- Less rework
- Consistently higher quality work
- No fixing at the paint stage
- Less primer
- Happy staff with a better product and one system to stock
- Consistent jobs with 180 grit paper

FACT

- The actual cost of body filler is marginal about 1% of the cost
- YET changing to this system can save up to 36% in time and 40% in materials
- Through working SMARTER not CHEAPER you can have these benefits!



FEATURES

- Testing has shown, when used properly, 440Express will eliminate up to 90% of all rework caused by micro-pinholes.
- It is a pre primer sealer OR 'conditioner' one simple application can reduce primer consumption by up to a third

**EVERCOAT TEAM WORK
THE INTERMIXABLE SYSTEM**



Demand the Best in Fillers!
60 Years of Automotive Innovation



EZ Ultra Lite, Z Grip and Rage Gold with Easy Sand can be used as an intermixable system that works as a TEAM. Rage Ultra can only be intermixed with Metal Glaze Ultra, as they both have the patented ECORESIN. Together they give you a complete range of diversity. Typically, no single filler works well under all conditions. EVERCOAT products can be used independently or custom blended to adapt to various temperatures, viscosities and substrates. This enables the technician to create a more user friendly product, eliminating issues such as pinholes and dragging caused by thick filler. Intermixing also permits the user to enhance the fillers ease of sanding, resulting in less heat and reducing the chance of metal warping on thin gauge steel.

To intermix, simply blend Easy Sand putties with EZ Ultra Lite; Z-Grip or Rage Gold body fillers [Rage Ultra with Metal Glaze Ultra]. Start by blending 1 part putty with 4 parts body filler. For a thinner mix add more putty, for a thicker mix add more filler. Custom blend to the desired smoothness or use the products standard.



EASY SAND

100421 – 32 OZ TUB / 880ML

2K Flowable polyester Finishing and Blending Putty. Ideal for filling & skim coating body work, pinholes & surface imperfections

FEATURES

- Smooth self-levelling viscosity reduces sanding time
- Premium stain resistant resin for use with basecoat/clearcoat systems
- Low porosity
- Part of the METALWORKS system with ZNX-7 & Hattonite



METAL GLAZE ULTRA

100425 - 30 OZ TUB

Formulated with patented EcoResin technology to produce the world's best sanding premium polyester glazing putty. A thinner viscosity and exceptional self-leveling properties make it ideal for final skim coating as well as stone chips and scratch damage. Can be intermixed with EcoResin products [Rage Ultra]. Available in a convenient, value for money, no mess pump-tainer

FEATURES

- Can be applied directly to sanded OEM clearcoat for small repairs
- Spreads smoothly & self leveling
- Contains ECORESIN
- Finer grit sanding means no scratches
- Save at least 20% by using less sandpaper per repair



POLY FLEX

100411 – 30 OZ TUB

2K Flexible Polyester Glazing Putty for spot filling and skim coating bumpers and plastic parts

FEATURES

- Superior smooth featheredge finish ready to sand in 20 minutes
- Remains flexible after curing and can bend up to 77°
- Formulated with special resins for superior adhesion to most properly prepared plastics



EVER GLAZE

100403 – 1LB 454G

1K Ultra smooth Spot and Glazing Putty Covers pinholes & minor imperfections on Body Fillers, Fibreglass & other surfaces. Non shrinking & flexible. Dries in minutes & easy to sand Contains rust inhibitive pigments

SPECIALTY FILLERS



KITTY HAIR

100868 – QUART TIN

2K Long Strand Fibreglass Reinforced Filler Ideal for bridging and rebuilding shattered composites, torn sheet metal or rusted areas

FEATURES

- Long fibreglass strands blended with high-strength polyester resin double the strength of standard fillers
- Provides maximum impact & crack resistance in bulk filling applications and bridging heavily damaged composite metal and other materials
- Waterproof and rustproof

SEAM SEALER



BRUSHABLE SEAM SEALER

100365 – QUART TIN

Seals spot-welded, riveted or bolted seams and joints Permanently adheres to bare or painted surfaces Replaces OEM appearance and colour Flexible and durable Skins over in 10-15 minutes. Dries fast to a paintable surface in 1 hour

PRIMERS

High solids, high build formula with superior filling capabilities providing an excellent foundation for any paint system & eliminates body filler staining. Excellent adhesion to steel, galvanised steel, aluminium & fibreglass. Excellent sprayability –fast dry – easily sandable



FEATHER FILL
100713 – GALLON TIN
100712 – QUART TIN
 Premium sandable Polyester 2K primer for surfacing autobody repairs prior to topcoat refinishing
 Tintable up to 10% with compatible polyester basecoat tints
100636 – HARDENER FOR FEATHER FILL



OPTEX SUPER BUILD 4:1
100740 – GALLON TIN
 Polyester Primer Surfacer highlights dents, scratches & other surface imperfections without the need for messy black carbon guide coats. Sprays on pink and turns grey as it is sanded, revealing high spots while low spots & scratches remain pink.



OPTEX SUPER BUILD CATALYST
100733 – QUART BOTTLE
 Patented epoxy enriched catalyst which provides unsurpassed performance when mixed with Evercoat’s line of 4:1 polyester primer surfacers. Easier mix ratio, more uniform mix.

ADHESIVES – MAXIM RANGE

MAXIM 2K Bonding Adhesives provide a high strength repair to non-structural body parts. 1:1 mixing ratio, dispensed using standard caulking gun or specialty 200ml gun for 200ml 106 series packs. Static mixing tip 100817 provides thorough mixing



Panel Bond –
 2k Epoxy technology: bonds steel, aluminium, SMC & FRP; corrosion inhibiting

CODE	WORK	CLAMP	CURE	SIZE / COMMENT
106030	30-35mins	90-120mins	12hrs	200ml - use 200ml dispenser gun
106045	45-50mins	3.5-4Hrs	24hrs	200ml – use 200ml dispenser gun

DISPENSER GUN



106000
 200ml

100817
 Maxim mixing Tip
 Pack of 12



DISPOSABLE MIXING BOARDS

Each board comes with 100 sheets



100173
 215x254mm

PROFESSIONAL BATTERY CHARGERS FOR LEAD ACID BATTERIES

FEATURES

Heavy Duty METAL case with Voltage and Current Selection, Ammeter, Automatic Thermal Overload and Polarity Reversal Protection.

PROGRESS series
Made in Italy

PROGRESS14



PROGRESS20



PROGRESS25



RAPID480 PORTABLE CHARGER / STARTER

FEATURES

Charging Current Control Selector, Ammeter, Thermal Overload Protection, Internal Fuse Protection against Short Circuits and Polarity Reversal. Ideal for workshops, car yards and agricultural workshops



APPLICATION GUIDE



PROGRESS14



SPEEDY250



PROGRESS17 / PROGRESS20



PROGRESS25 / RAPID 480



PROGRESS35B

ie. 'Progress 14' is suitable for Bikes and Cars, and 'Progress 35B' is suitable for all applications.



		PROGRESS 14	PROGRESS 17	PROGRESS 20	PROGRESS 25	PROGRESS 35B	RAPID 480
ABSORBED POWER	Watt	140	300	390	620	1830	1320
CHARGE VOLTAGE	Volt	6-12	12-24	12-24	6-12-24	6-12-24-36-48	12-24
CHARGE CURRENT	Amp	11	13	16	25	38	55
CONVENTIONAL CURRENT	Amp	7.5	8.5	11	17	25	36
CAPACITY MAX	Ah 15h	112	128	165	255	375	540
CHARGE CURRENT OPTIONS		2	2	2	6	12	6+boost
WEIGHT	Kg	4	5.0	7	13	23	20



DUAL 12/24 VOLT JUMP STARTER

Made in China

JS1500

JS1500

12V CRANKING / PEAK AMPS	700 / 1500
24V CRANKING / PEAK AMPS	400 / 900
BATTERY, SEALED LEAD ACID	2 x 18AH
INTERNAL BATTERY STATUS	Voltmeter
LIGHT	Yes
LIGHTER SOCKET OUTPUT	Yes
WEIGHT, KG	15

JT-DC12V1000

Adaptor convert 240V AC to 12V DC



INDUSTRIAL VENTILATION FANS

Features

- Energy saving design
- Powerful flow
- Easy to move
- Low noise and light weight due to die cast aluminium body
- Insulation class F
- Robust design
- Heavy duty switch
- Class 1, IPX4
- SGS approved, CE, TÜV

DUCT



- CTF9305**
Duct 300mm x 5m long
- CTF9310**
Duct 300mm x 10m long
- CTF9505**
Duct 500mm x 5m long
- CTF9510**
Duct 500mm x 10m long



CTF30
300mm 500w 65 m³/m



CTF50H
500mm 1100w 150m³/m
with castors and
adjustment angle
low revving

MODEL NO.	DIAMETER	BLADES	SPEED	POWER	CAPACITY	NOISE	STATIC PRESSURE	GROSS WEIGHT	DIMENSIONS
	mm		rpm	W	m ³ /min	dBa	Pa	kg	cm
CTF30	300 (12")	6	2800	500	65	69	385	17	44 x 40 x 40
CTF50H	500 (20")	8	1400	1100	150	72	400	40	77 x 68 x 50
BTF30	300 (12")	6	2800	500	65	69	385	17	44 x 40 x 40

EXPLOSION PROOF VENTILATION FAN



- BTF30**
300m 500w 65m³/m
Rated Factory II grade B, temperature T1-T4
Aluminium Alloy Impeller
- BTF9305**
Duct 300mm x 5m long
Heat resistant -10°C to 80°C



CURRENTLY NOT AVAILABLE

WALL MOUNTED FAN

SPX750W

750mm
3 speed
Input Power 230W
Output Power 200W
Rotating head



PEDESTAL FAN

SPX750

750mm
3 speed
Input Power 230W
Output Power 200W
Rotating head
Adjustable height on cast iron base



SKID MOUNTED FAN

SPX500

500mm
3 speed 150W



MODEL NO.	DIAMETER	SPEED SETTINGS	MAX SPEED	POWER	CAPACITY	SOUND LEVEL	GROSS WEIGHT
	mm		rpm	W	m ³ /min	dBA	kg
SPX750	750 (30")	3	1350	230	290	78	23
SPX750W	750 (30")	3	1350	230	290	78	14
SPX500	500 (20")	3	1350	150	150	72	8



BIT SET

Includes bits for clutch, torque, spline, tri-wing, square recess, spanner, slotted, philips, pozi-drive, metric hex, Imperial hex, tamper proof hex, TX screws, TX tamper proof screws, wing nut driver, magnetic bit holder, socket bit holder, hex extension, 1/4" Dr socket holder and magnetic bit holder.

GN310017

TAP & DIE SET METRIC



110 PIECE

Includes:

- 35 Metric Taper Taps
- 35 Metric Dies
- 35 Metric Plug Taps
- 2 Tap Wrenches
- 1 T-type Tap wrench
- 1 Die Wrench 38mm o.d.
- 1 Die Wrench 25mm o.d.

1300-110000

Made from Alloy Steel

TAP & DIE SET METRIC & SAE



1300-115000

115 PIECE

Includes:

- 48 Metric & SAE Taps
- 48 Metric & SAE Dies
- 5 HSS Drills
- 5 Screw Extractors
- 2 Screw Pitch Gauges
- 2 Die Holders
- 3 Tap Wrenches
- 1 Screw driver
- 1 Centre Punch

HEAT GUN KIT



**JS-HG12B
JS830JQ**

2000W 2 Speed

- | | | |
|----|----------|-------|
| I | 250l/min | 250°C |
| II | 550l/min | 550°C |

In Blow Mould Case with 5 attachments: reflector, cone, fishtail, glass protector and scraper. Plus putty knife.

PLIERS

Heavy Duty with Polished Head
Red Vinyl dipped handles



133-200

Diagonal 200mm

- X plus design
- Cuts piano wire
- New style power joint
- Reduced cutting effort
- Precision cutting edges



46-200

Combination 200mm

- Cuts piano wire
- New style power joint
- Reduced cutting effort
- Additional gripping area under joint



75-040

Plier Wallet – holds 4 pliers



115-200

Long Nose 200mm

- “Wavetel” multi purpose design
- Half round, straight long & slim knurled jaws specially profiled
- 4 Point vice grip pipe hole



77-255

Waterpump Plier 240mm



77-305

Waterpump Plier 300mm

- Robust design
- Durable box joint
- Induction hardened serrations
- 4 Point vice grip pipe hole
- Self-locking on pipe
- Insensitive to dirt
- Industrial applications

CONSTRUCTION PLIERS



39-201

End Nipper Plier

- Designed for soft and hard wire
- Durable joint
- Precision cutting edges
- Ideal for twisting & binding wire
- 200mm

PLIERS

CIRCLIP PLIERS

Heavy duty
Blackened head with polished surface
Red vinyl dipped handles
Offset tips to hold circlip in place



External Straight

CODE	DESCRIPTION
54-100	140mm Ø10-25mm
54-190	180mm Ø19-60mm
54-400	225mm Ø40-100mm
54-850	320mm Ø85-140mm



External Bent

CODE	DESCRIPTION
55-100	140mm Ø10-25mm
55-190	180mm Ø19-60mm
55-400	225mm Ø40-100mm
55-850	320mm Ø85-140mm



Internal Straight

CODE	DESCRIPTION
56-120	140mm Ø12-25mm
56-190	180mm Ø19-60mm
56-400	225mm Ø40-100mm
56-850	320mm Ø85-140mm



Internal Bent

CODE	DESCRIPTION
57-120	140mm Ø12-25mm
57-190	180mm Ø19-60mm
57-400	225mm Ø40-100mm
57-850	320mm Ø85-140mm

WIRE SHEARS DUAL COMPONENT HANDLE



97-519

Designed for cutting 7mm Cable & 6mm Wire Rope
190mm



97-570

Designed for cutting 16mm Cable & 9mm Wire Rope
700mm

PLIER SETS

CIRCLIP PLIER 4 PCE SET

190mm Ø19-60mm



75-024

Includes: 54-190 External Straight
55-190 External Bent
57-190 Internal Bent
56-190 Internal Straight

PLIER 4 PCE SET



75-600

Includes: 133-200 Diagonal Plier 200 mm
115-200 Long Nose Plier 200 mm
46-200 Combination Plier 200 mm
180-250 Waterpump Plier 250mm

PROLINE SERIES TOOL CHEST COMBINATIONS



Available in GREEN or RED as:
TOP CHEST ONLY

TBAD0301 GREEN excludes tools
TBAD0302 RED excludes tools

BOTTOM TROLLEY ONLY

TCAC0701 GREEN excludes tools
TCAC0702 RED excludes tools

OR

Design a personal set from available inserts on page 51 to 54

OR

Select from sets below

<p>A</p> <p>GTB3819</p> <p>GTA5440 GTB3318</p>	<p>B</p> <p>GTB0808</p> <p>GTA1638 GTB0811</p>	<p>C</p> <p>GTA0315 GTA0724</p> <p>GTA0416 GTA0621</p>
<p>D</p> <p>GTA0439 GTA0802</p> <p>GTA0417 GTA0532</p>	<p>E</p> <p>GTA1031 GTA1804</p> <p>GTA1026 GTA1541</p>	<p>F</p> <p>GZC0802 GZC2005</p>

METRIC / AF SET UP

TOP CHEST SET
TBAD0301K178 GREEN
TBAD0302K178 RED
178 Piece Tool Kit with 10 Trays
A, B, C shown

BOTTOM TROLLEY SET

TCAC0701K252 GREEN
TCAC0702K252 RED
252 Piece Tool Kit with 18 Trays
A, B, C, D, E shown

TOP & BOTTOM SET

TAAA1001K281 GREEN
TAAA1002K281 RED
281 Piece Tool Kit with 20 Trays
A, B, C, D, E, F shown

<p>A</p> <p>GTB2504</p> <p>GTA1638 GTB3503</p>	<p>B</p> <p>GTB0808</p> <p>GTA0315 GTB7202</p>	<p>C</p> <p>GTA0417 GTA0724</p> <p>GTA0416 GTA0621</p>
<p>D</p> <p>GTA0439 GTA0802</p> <p>GTA0135 GTA0532</p>	<p>E</p> <p>GTA1031 GTA1804</p> <p>GTA1026 GTA1541</p>	<p>F</p> <p>GZC0802 GZC2005</p>

METRIC only

TOP CHEST SET
TBAD0301K180 GREEN
TBAD0302K180 RED
180 Piece Tool Kit with 10 Trays
A, B, C shown

BOTTOM TROLLEY SET

TCAC0701K401 GREEN
TCAC0702K401 RED
401 Piece Tool Kit with 18 Trays
A, B, C, D, E shown

TOP & BOTTOM SET

TAAA1001K429 GREEN
TAAA1002K429 RED
429 Piece Tool Kit with 20 Trays
A, B, C, D, E, F shown

BASIC SERIES TOOL CHESTS & SETS



- Roll Cabinet 7 Drawer
- 5 Medium (578x378x75)&2 Large (578x378x155)
- Smooth Ball Bearing Slide Drawers, 100% Fully opening & retractable
- Load Capacity per Drawer 30 kg
- Top Mat 9mm EVA material
- Finish Electro-powder coating to resist scratches & solvent marking
- Standard 5"x 1-1/4" PP casters (2 fixed, 2 swivel with lock)

TCAN0701 GREEN (EXCLUDES TOOLS)

Static load capacity 200 kg

TCAN KIT130

Includes 129 piece Starter Tool Kit in 7 trays as per below



TCAQ0707 BLACK WITH RACING CAR GRAPHICS

- Key or Combination lock
- External holding tray for lubricants cleaners & sprays
- Door closes with soft damping mechanism
- Heavy Duty Handle
- Static lock capacity 540 kg

TCAQ KIT130

Includes 129 piece Starter Tool Kit in 7 trays as per below



Special Limited Edition

This exclusive black mobile trolley features a formula racing car with the number 5 graphics which symbolises the passion we all have for motor sport

129 PIECE / 7 TRAY STARTER TOOLS



GTA5440 1/4" Dr Socket Set



GTB3819 1/2" Dr Socket Set



GTA1638
ROE Wrench Set



GTB0811 Hex Key Set



GTA0416 Plier Kit



GTA0315 Wrench & Pliers



GTA0621 Screwdriver Set

- 54 Piece 1/4" Drive Socket Set Metric/SAE
- 38 Piece 1/2" Drive Socket Set Metric/SAE
- 8 Piece ballnose & Hex Key Wrench Set
- 4 Piece Plier Set
- 3 Piece Adjustable Wrench & Plier Set
- 6 Piece Screwdriver set
- 16 Piece ROE Wrench Set

**PROFESSIONAL MECHANICAL TOOL SET 82 PC
WITH TBAA0303 3 DRAWER TOOL CHEST**



TBAA0303
Tool Chest Empty
(508 x 232 x 302 High)



GCAZ0047

46 PC 3/8" DR SOCKET & HEX KEY SET



CONTENTS

- 14 x 6 Pt Standard & Deep Sockets 7-21mm
- 2 Spark Plug Sockets 16 & 21mm
- 1 Universal Joint
- 3 Handles & 3 x Extension Bars
- 9 Long Ball Point Hex Keys 1.5-10mm

16 PC WRENCH SET



CONTENTS

- 9 Combination Wrenches 7-15mm
- 6 Double Ring Wrenches 6-17mm
- 1 Paw Adjustable Wrench 250mm

12 PC ANTI-SLIP SCREWDRIVERS & KEY WRENCHES



CONTENTS

- 1 Phillips PH2 x 25mm
- 1 Slotted 5.5x25mm
- 2 Go-Thru Slotted Impact 5.5x100, 6.5x150
- 2 Go-Thru Phillips Impact PH2x100, PH3x150
- 6 L-Type 2 Way Star & Tamperproof Key Wrenches T10-T40

8 PC PLIERS



CONTENTS

- 4 Circlip Pliers 5"
- 1 Box Joint Plier 10"
- 1 Long Nose Plier 8"
- 1 Combination Plier 7"
- 1 Diagonal Plier 6"

**PROFESSIONAL MECHANICAL TOOL SET 99 PC
with TBAA0303 3 Drawer Tool Chest**



GCAZ0038

53 PC SOCKET SET 1/4" DRIVE & 1/2" DRIVE



CONTENTS

- 12 x 6 Pt 1/4" Sockets 4-13mm
- 8 1/4" Dr Star T/proof Bit Skts T8-T40
- 20 x 6 Pt 1/2" Sockets 10-32mm
- 2 Spark Plug Sockets 16 & 21mm
- 2 Ratchet Handles 1/4" & 1/2" Drive
- 9 Extensions & Accessories

13 PC WRENCH SET



CONTENTS

- 12 Super Torque 15 Degree
- Combination Wrenches 8-19mm
- 1 Engineers Hammer

11 PC ANTI-SLIP SCREWDRIVER SET



CONTENTS

- 5 Phillips Screwdrivers
- 6 Slotted Screwdrivers

22 PC PLIER & HEX KEY SET



CONTENTS

- 4 Pliers
- 9 Long Star Key Wrenches T10-T50
- 9 Extra Long Ball Point Hex Key Wrenches 1.5-10mm

**PROFESSIONAL TOOL SET 186 PC
WITH TBAA0901 9 DRAWER TOOL
CHEST**



GCBZ186A



THE ULTIMATE TOOL KIT

CONTENTS

- 13 1/4" Drive Sockets 4 - 14mm
- 13 3/8" Drive Sockets 6 - 22mm
- 19 1/2" Drive Sockets 10 - 32mm
- 11 1/4" Drive Sockets 5/32" - 9/16"
- 11 3/8" Drive Sockets 5/16" - 7/8"
- 14 1/2" Drive Sockets 3/8" - 1 1/4"
- 2 3/8" Drive Magnetic Spark Plug Sockets 16 & 21mm

- 7 Extension Bars 1/4" 3/8" 1/2"
- 3 Universal Joints 1/4" 3/8" 1/2"
- 1 Spinner Handle 1/4"
- 2 Sliding T Handles 3/8" 1/2"
- 1 3/8" Drive Power Bar 10"
- 1 1/2" Drive Power Bar 18"
- 1 1/4" Dr 72 T Rev Ratchet Handle with Quick Release
- 1 3/8" Dr 72 T Rev Ratchet Handle with Quick Release
- 1 1/2" Dr 72 T Rev Ratchet Handle with Quick Release

- 17 15° Offset Standard Combination Wrenches 6-24mm
- 14 15° Offset Standard Combination Wrenches 1/4" - 1"

- 2 Adjustable Wrenches 200 & 250mm

- 1 Locking Plier Curved Jaw 250mm
- 4 Circlip Pliers 7"
- 3 Cushion Grip Pliers (Linesman, Diagonal, Long Nose) 8"
- 1 Cushion Grip Box Joint Water Pump Plier 10"

- 5 Slotted Anti Slip Screwdrivers 3, 4, 5.5, 6.5, 8mm
- 1 Slotted GO-Thru Anti Slip Screwdriver 10x200mm
- 3 Phillips Anti Slip Screwdrivers PH1, PH2, PH3
- 1 Pozi Anti Slip Screwdriver PZ2
- 1 Square Anti Slip Screwdriver SQ2

- 1 1/2" Drive Impact Driver
- 1 Quick Change Bit Holder 1/2" Dr x 5/16"
- 2 5/16" Hex Shank Slotted Bits
- 2 5/16" Hex Shank Phillips Bits

- 9 Long Ball Point Hex Key Wrenches 1.5 - 10mm
- 9 Long Ball Point Hex Key Wrenches 1/16" - 3/8"

- 6 Pin Punch Set 2, 3, 4, 5, 6, 8mm

- 1 24oz Ball Pein Hammer

- 1 Heavy Duty Hacksaw

Includes Portable Carry Tray

Tray under lid is left empty for additional tools to be stored.



Special Set
Designed for NZ

CANTILEVER TOOL CHEST 63 PC (470 X 220 X 350 HIGH)



GCAZ0039

CONTENTS

- 4 Pliers (Box Joint, Long Nose, Diagonal & Combination)
- 9 PC Long Type Hex Key Wrenches 1.5 - 10mm
- 14 Combination Wrenches 8-32mm
- 5 PC Chisel Punch Set
- 3 Slotted Anti-Slip Screwdrivers 4x100, 6.5x100, 8x175mm
- 3 Phillips Anti-Slip Screwdrivers PH1x80, PH2x100, PH3x150

1/2" DRIVE SOCKET SET COMPRISING

- 18 1/2" Dr Sockets 10-32mm
- 5 Accessories (Universal Joint, 2 Extension Bars, Ratchet, Swivel Handle)
- 2 Hammers (Engineers & Dead Blow)
- 1 TBAC0501 Tool Chest

GENERAL SERIES TOOL BOXES

6 DRAWER TOOL CHEST

INDENT ONLY



TBAA0601

CONTENTS

- 3 Drawer 169x272x50
- 2 Drawer 569x272x50
- 1 Drawer 569x272x75
- (660x307x378 high)

3 SECTION PORTABLE TOOL CHEST



TBAC0501
470x220x350

9 DRAWER TOOL CHEST



TBAA0901

CONTENTS

- 6 Drawer 169x272x50
- 2 Drawer 569x272x50
- 1 Drawer 569x272x75
- (660x307x434 high)

5 DRAWER TOOL TROLLEY



CONTENTS

- 3 Drawer 578x378x75
- 2 Drawer 578x378x155
- with Castors
- (687x459x840 high)

TCAA0501

8 DRAWER TOOL CHEST



TBAA0801

CONTENTS

- 4 Drawer 569x398x75
- 4 Drawer 308x398x75
- (1052x471x523 high)

8 DRAWER ROLLER CABINET



CONTENTS

- 7 Drawer 751x438x75
- 1 Drawer 751x438x155
- with Castors
- (862x498x995 high)

TCBA0801

3 DRAWER TOOL CHEST

TBAA0303

As shown on pg 45

13 DRAWER ROLLER CABINET



CONTENTS

- 1 Drawer 935x398x120
- 5 Drawer 569x398x75
- 1 Drawer 569x398x155
- 5 Drawer 308x398x75
- 1 Drawer 308x398x155
- with Castors
- (1067x480x1011 high)

TCBA1301

HEAVY DUTY WORKBENCH



1560x200
x603mm
(Cabinet only)

1560x710
x827mm
(Bench only)

TAAA1600

ITEM	CONTENTS (Available individually)
TAAA1607	Heavy Duty Workbench
TAAD1602	Heavy Duty Wall Cabinet
TBAA0304	3 Drawer Tool Chest Drawers 578x378x75 Overall 687x459x360mm
TCAB0501	5 Drawer Tool Trolley with Castors 3 Drawers 479x294x75 2 Drawers 479x294x155 Overall 569x340x769mm



**SERVICE CARTS
1 DRAWER**

1 Drawer 578x378x75
Overall 690x470x815

TCAD0101



2 DRAWER

Medium Drawer
576x380x74
Large Drawer
576x380x74
Overall: 695x460x770

TCAD0206

PRO-PLUS GREY SERIES

- Smooth Ball-Bearing Slide Drawers with Auto-Return Function
- Solid Body with Rounded Edges & Increased Side Wall Construction
- 100% Fully Opening Drawers
- Load Capacity per Drawer 45kg

8 DRAWER TROLLEY



4 DRAWER TOOL BOX



**7 DRAWER MOBILE
WORK BENCH**



**INDENT
ONLY**

ITEM	DESCRIPTION
TCBL0803	(746x462x978 high) 7 Drawer 578x378x75 1 Drawer 578x378x155

ITEM	DESCRIPTION
TBAL0403	(746x462x425) 4 Drawer 578x378x75

ITEM	DESCRIPTION
TCBH0703	(1122x462x978 high) 5 Drawer 578x378x75 2 Drawer 578x378x155

TOOL CHEST COMBINATIONS – PROLINE SERIES

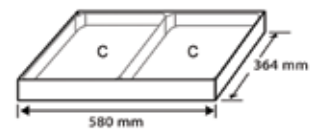
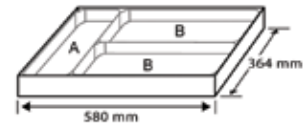
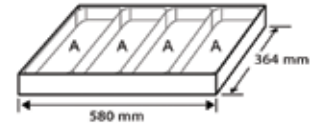


INSERT TRAYS

Come in 3 Sizes & Available Separately.

For each Drawer use:

- 4 GTA Insert Trays or
- 1 GTA & 2 GTB Insert Trays or
- 2 GZC Insert Trays or
- 1 GZC & 2 GTA Insert Trays



3 DRAWER TOOL CHEST

(687x459x360 high)
Each Drawer 578x378x75



TBAD0301 GREEN empty
TBAD0302 RED empty

7 DRAWER TOOL TROLLEY

(687x459x1050 high)
5 Drawers 578x378x75
2 Drawers 578x378x155



TCAC0701 GREEN EMPTY
TCAC0702 RED EMPTY

FEATURES OF PROLINE SERIES

- ABS top work table (trolley only)
- Smooth ball bearing slide with auto return
- Only one drawer can be opened at any time
- 100% fully opening drawers
- Load capacity per drawer 45kg



- Smart Foldable Key



- Ergonomic Plastic Drawer Handle



- Heavy Duty 5"x2", Anti Slip, Lockable & Shockproof TPR Castors

ACCESSORIES

TOOL CHEST PARTS

ITEM	DESCRIPTIONS
TEAJ0001	Lock Set TBAD, TCAC, TCBA, TBAH, TBAI series
TEAJ0002	Lock Set TBAA series
TEAN0001	Sliding Rail TBAD, TCAC, TBAI
TEAN0002	Sliding Rail TCAA, TBAA0801, TCBA
TEAN0003	Sliding Rail TBAA0601, TBAA0901 riveted
TEAN0004	Sliding Rail TBAA0601, TBAA0901 hook
TEAN0006	Sliding Rail TBAI, TCBG, TCBH
TEAN0007	Sliding Rail TCBL, TBAL

ABS TOP WORK TABLE



TEAV7047 697x467x22mm

EVA TOP MAT



TEAU6745 675x450x10mm

CASTORS FOR PROLINE & PROPLUS SERIES

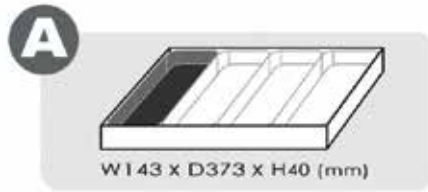


TEAH050200
5" x 2"
(1 x Fixed & 1 x Swivel)



TEAH050201
5" x 2"
(2 x Swivel)

TRAY INSERT "A"



BMB37140
ALL SETS SATIN CHROME FINISH

75° OFFSET DOUBLE RING WRENCH SET 8 PC



ITEM	CONTENTS
GTA0801	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm

DOUBLE OPEN END & HEX KEY WRENCH SET 18 PC



ITEM	CONTENTS
GTA1804	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 22x24mm 9 Hex Keys 1.5 - 10mm

15° OFFSET SUPER TORQUE COMBINATION WRENCH SET 16 PC



ITEM	CONTENTS
GTA1638	6 - 19mm inclusive, 22, 24mm

CIRCLIP PLIER SET 4 PC



ITEM	CONTENTS
GTA0417	175mm 90° External Circlip Plier 175mm Straight External Circlip Plier 175mm 90° Internal Circlip Plier 175mm Straight Internal Circlip Plier

45° OFFSET DOUBLE RING WRENCH SET 8 PC



ITEM	CONTENTS
GTA0802	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm

15° OFFSET SUPER TORQUE COMBINATION WRENCH SET 4 PC



ITEM	CONTENTS
GTA0439	27, 29, 30, 32mm

DOUBLE END SWIVEL SOCKET WRENCH SET 7 PC



ITEM	CONTENTS
GTA0710	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19mm

FLARE NUT WRENCH SET 6PC



ITEM	CONTENTS
GTA0611	8x10, 11x13, 12x14, 16x18, 17x19, 22x24mm

ADJUSTABLE WRENCH & PLIER SET 3 PC



ITEM	CONTENTS
GTA0315	250mm Adjustable Wrench 250mm Locking Plier 250mm Water Pump Plier

72 TOOTH REVERSIBLE RATCHET COMB WRENCH SET 15 PC



ITEM	CONTENTS
GTA1541	12 Wrenches 8-19mm 3 Socket Adaptors

1/2" DRIVE BIT SOCKET SET 24 PC



ITEM	CONTENTS
GTA2414	7 Hex Bit Sockets: 4 - 12mm 7 Spline Bit Sockets: M5 - M16 10 Star Bit Sockets: T20 - T70

PLIER SET 4 PC



ITEM	CONTENTS
GTA0416	175mm Linesman Plier 200mm Long Nose Plier 175mm Diagonal Plier 200mm Ben Nose Plier



STAR ANTI-SLIP SCREWDRIVER SET 8 PC



ITEM	CONTENTS
GTA0819	Star T9,T10,T15,T20,T25,T27,T30,T40

CHISEL PUNCH & HAMMERS SET 7 PC



ITEM	CONTENTS
GTA0724	Dead Blow Hammer 1 lb Engineers Hammer 300g 5 PC Chisel Punch

SOFT GRIP CHISEL & SOFT GRIP PUNCH SET 10 PC



ITEM	CONTENTS
GTA1026	6 Pin Punch: 2x140, 3x150, 4x180, 5x200, 6x210, 8x220 3 Taper Punch: 4x185, 5x185, 6x185mm 1 Flat Chisel 10x150mm

HAND RIVETER SET 151 PC



ITEM	CONTENTS
GTA0135	Assorted rivets 3.2, 4.0, 4.8mm Hand Riveter

SLOTTED & PHILLIPS ANTI-SLIP SCREWDRIVER SET 8 PC



ITEM	CONTENTS
GTA0823	Slotted 6.5x25, 4x100, 5.5x100, 6.5x150mm Phillips PH2x25, PH1x80, PH2x100, PH3x150mm

SLOTTED & PHILLIPS ANTI-SLIP SCREWDRIVER SET 8 PC



ITEM	CONTENTS
GTA0820	Slotted 3x75, 3.5x100, 4x100, 5.5 & 6.5x150, 8x175mm Phillips PH1x100, PH2x150

MEASURING & MARKING SET 10 PC



ITEM	CONTENTS
GTA1031	Screw Pitch Gauge SAE Screw Pitch Gauge Metric Tapered Feeler Gauge Metric 5m Measuring Tape Vernier Caliper 300mm Ruler Protractor Auto Centre Punch Steel Scriber Electricians Scissors

FILE SET 8" 5 PC



ITEM	CONTENTS
GTA0532	Flat, Triangle, Square, Round & Half Round

1/4" DRIVE SOCKET SET 54 PC



ITEM	CONTENTS
GTA5440	13 Metric Sockets & 13 Metric Deep Sockets 4-14mm 11 SAE Sockets & 11 SAE Deep Sockets 5/32"-9/16" 6 Accessories

STAR TAMPERPROOF ANTI-SLIP SCREWDRIVER SET 8 PC



ITEM	CONTENTS
GTA0818	Star Tamperproof T9,T10,T15,T20,T25,T27,T30,T40

SLOTTED & PHILLIPS IMPACT GO-THRU SCREWDRIVER SET 6 PC



ITEM	CONTENTS
GTA0621	Slotted 5.5x100, 6.5x150, 8x175, 10x200mm Phillips PH1x75, PH2x100

1/2" DRIVE IMPACT SOCKET SET 18 PC 6 PT

Black Phosphate Finish



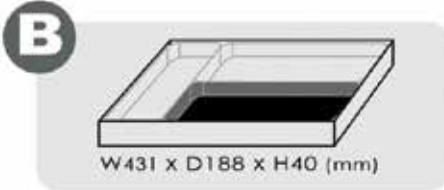
ITEM	CONTENTS
GTA1836	17 Sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32mm Extension Bar 5"

STANDARD COMBINATION WRENCH SET 13 PC 15° OFFSET SAE



ITEM	SIZE (mm)
GBAT1304	1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"

TRAY INSERT "B"



BMB43190

1/2" DRIVE SOCKET SET 25 PC



ITEM	CONTENTS
GTB2504	19 Sockets: 8,9,10,11,12,13,14,15,16,17,18,19,21,22,23,24,27,30,32mm 2 Extension Bars 1 Sliding T Handle 1 Universal Joint 1 Swivel Handle 1 Reversible Ratchet Handle with Quick Release

COMBINATION WRENCH SET 16 PC



ITEM	CONTENTS
GTB1616	16 pieces 6-19mm, 22, 24mm

HACKSAW, WRENCH & PUNCH SET 8 PC



ITEM	CONTENTS
GTB0808	Hacksaw Adjustable Wrench 8" 6 Pin Punches

1/2" DRIVE DEEP SOCKET SET 23 PC



ITEM	CONTENTS
GTB2305	8 - 32 mm

3/8" DRIVE SOCKET SET 35 PC



ITEM	CONTENTS
GTB3503	18 Sockets: 6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,24mm 8 Deep Sockets: 8,10,11,12,13,14,17,19mm 2 Spark Plug Sockets 2 Extension Bars 1 Sliding T Handle 1 Adaptor 1 Universal Joint 1 Swivel Handle 1 Reversible Ratchet Handle with QR

3/8" SOCKET SET 33 PC COMBO



ITEM	CONTENTS
GTB3318	11 Metric Sockets 8-22mm 11 SAE Sockets 5/16"-7/8" 2 Spark Plug Sockets 3 Extension Bars 4 Accessories 1 1/4" Dr Spinner Handle 1 1/4" F x 3/8" M Adaptor

1/4" SOCKET & BALL NOSE HEX KEY WRENCH SET 72 PC



ITEM	CONTENTS
GTB7202	13 Sockets: 4 - 14mm 13 Deep Sockets 4 - 14mm 5 Phillips Bit Sockets PHO-PH4 4 Pozzi Bit Sockets PZO-PZ3 6 Slotted Bit Sockets 3 - 8mm 7 Hex Bit Sockets 2.5 - 8mm 8 Star Bit Sockets T8 - T40 3 Extension Bars 1 Universal Joint 1 Spinner Handle 1 Sliding T Handle 1 Reversible Ratchet Handle with Quick Release 9 Long Ball Point Hex Keys 1.5 - 10mm

1/2" SOCKET SET 38 PC COMBO



ITEM	CONTENTS
GTB3819	18 Metric Sockets 8-32mm 14 SAE Sockets 3/8" - 1 1/4" 5 Accessories 1 3/8" F x 1/2" M 3 Way Adaptor

L TYPE 2 WAY BALL NOSE & HEX KEY WRENCH SET 8PC



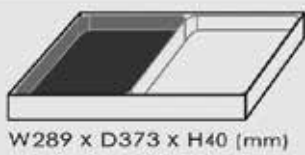
ITEM	CONTENTS
GTB0811	2x140, 2.5x140, 3x140, 4x140, 5x203, 6x203, 8x265, 10x265

L TYPE 2 WAY TAMPERPROOF & STAR KEY WRENCH SET 8 PC



ITEM	CONTENTS
GTB0812	T10x140, T15x140, T20x140, T25x140, T30x203, T40x203, T45x265, T50x265

TRAY INSERT "C"



W289 x D373 x H40 (mm)

BMB37290

L TYPE 2 WAY BALL NOSE & HEX KEY WRENCH SET 9 PC



ITEM	CONTENTS
GZC0903	<ul style="list-style-type: none"> ⊕ 2x140, 2.5x140, 3x140, 4x140 ⊕ 5x203, 6x203, 7x203, 8x265, 10x265

C INSERTS WITH PLASTIC LID



L TYPE 2 WAY STAR & TAMPERPROOF KEY WRENCH SET 9 PC



ITEM	CONTENTS
GZC0904	<ul style="list-style-type: none"> ⊕ T10x140, T15x140, T20x140, T25x140, T27x203, T30x203, T40x203, T45x265, T50x265

HEX NUT DRIVER T HANDLE SET 8 PC



ITEM	CONTENTS
GZC0802	All Sizes 7 - 14mm x 230mm

SLOTTED & PHILLIPS ANTI SLIP SCREWDRIVER SET 14 PC



ITEM	CONTENTS
GZC1401	<ul style="list-style-type: none"> ⊕ Slotted 5.5x25, 6.5x25, 3x75, 3.5x100, 4x100, 5.5x150, 6.5x150, 8x175 ⊕ Phillips PH1x25, PH2x25, PH0x60, PH1x80, PH2x100, PH3x150

SCREWDRIVER SET 20 PC



ITEM	CONTENTS
GZC2005	<ul style="list-style-type: none"> 4 ⊕ Slotted 3, 3.5, 4, 6.5 1 ⊕ Slotted Stubby 5.5 1 ⊕ Slotted Drive Thru Hex Shaft 8mm 3 ⊕ Phillips PH0, PH1, PH2 1 ⊕ Phillips Stubby PH2 1 ⊕ Pozi PZ 2 1 ⊕ Square SQ2 1 1/4" Reversible Bit S/Driver FTEA0806 7 1/4" Hex Bit Set 2-8mm

TOOL BAG



PBW-041A
Excludes tools

TOOL BAG



BW000029
Excludes tools

TOOL BELT



BW000028

COMBINATION WRENCHES

HIGH PERFORMANCE COMBINATION WRENCH 15° OFFSET

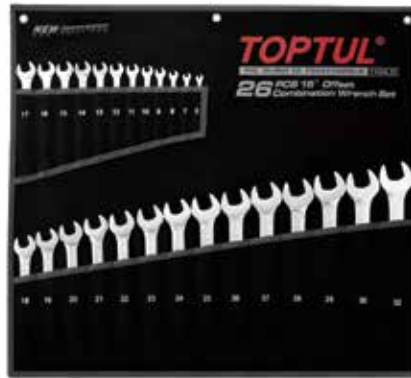


AAEX HIGH PERFORMANCE Series METRIC Satin Chrome Finish

ITEM	CONTENTS
AAEX_---	27 Sizes from 6mm to 30mm plus 5.5 & 32mm

- Chrome Vanadium Alloy Steel
- High Torque & High Performance
- Over 1.6 times ANSI & DIN standard
- Professional Quality for Maximum Performance & Corrosion Resistance
- Lightweight
- Slim Design
- Thin Profile Head and Ring

AAEX SERIES POUCH BAG SETS



High performance series

ITEM	CONTENTS
GPAX1202	12 piece Satin 6,7,8,10,11,12,13,14,15,17,19,22
GPAX1402	14 piece Satin 8,9,10,11,12,13,14,15,16,17,19,21,22,24
GPAX1601	16 piece Satin 7,8,9,10,11,12,13,14,15,17,19,22, 24,27,30,32
GPAX2601	26 piece Satin all sizes 6 - 30mm & 32mm

STANDARD SAE SERIES ACEB



Satin Chrome Finish

ITEM	SIZE (INCH)	L (mm)
ACEB0808	1/4	109
ACEB1010	5/16	129
ACEB1111	11/32	139
ACEB1212	3/8	149
ACEB1414	7/16	159
ACEB1616	1/2	179
ACEB1818	9/16	189
ACEB2020	5/8	209
ACEB2222	11/16	219
ACEB2424	3/4	239
ACEB2626	13/16	259
ACEB2828	7/8	269
ACEB3030	15/16	289
ACEB3232	1	299
ACEB3434	1-1/16	319
ACEB3636	1-1/8	339
ACEB4040	1-1/4	369

STANDARD HIGH TORQUE SERIES COMBINATION WRENCH 15° OFFSET

Chrome Vanadium Steel



STANDARD METRIC series AAEB Satin Chrome Finish

ITEM	CONTENTS
AAEB_---	35 wrenches from 6mm to 43mm
AAEB_---	10 "Jumbo" size from 45mm to 80mm

STANDARD SERIES POUCH BAG SETS



ITEM	CONTENTS
GPAB1204	12 piece Satin 6, 7, 8,10, 11, 12, 13, 14, 15, 17, 19, 22
GPAB1404	14 piece Satin 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24
GPAB1602	16 piece Satin 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32
GPAB2602	26 piece Satin 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32
GPAB2601	6 piece Satin 34, 36, 38, 41, 46, 50mm

GPBB1602

16 PIECE SAE WRENCH SET (All sizes above excluding ACEB1111)

STANDARD SAE SERIES ACEB



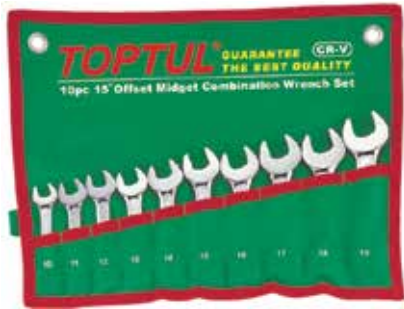
ITEM	SIZE (INCH)	L (mm)
ACEB4242	1-5/16	409
ACEB4444	1-3/8	409
ACEB4646	1-7/16	439
ACEB4848	1-1/2	439
ACEB5252	1-5/8	479
ACEB5454	1-11/16	479
ACEB5656	1-3/4	549
ACEB5858	1-13/16	549
ACEB6060	1-7/8	549
ACEB6464	2	549
ACEB6868	2-1/8	609
ACEB7070	2-3/16	609
ACEB7272	2-1/4	609
ACEB7676	2-3/8	699
ACEB8080	2-1/2	699

EMPTY POUCHES

PA120622	for GPAB1204 / GPAX1202
PA120819	for GPAQ1202 / GPAQ1204
PA140824	for GPAB1404 / GPAX1402
PA160732	for GPAB1602 / GPAX1601
PA16084001	for GPBB1602
PA260632	for GPAB2602 / GPAX2601



**MIDGET COMBINATION WRENCH
15° OFFSET 10 PC**



POUCH BAG - GREEN
Satin Finish

- CrV Steel
- Short Shank

ITEM	CONTENTS
GAAA1002	all sizes 10-19mm

STAR WRENCH



- CrV Steel
- for removing E Torx Fasteners

ITEM	SIZE (mm)	L (mm)
AAEE0608	E6XE8	113
AAEE2024	E20XE24	224

FLARE NUT WRENCH



- CrV Steel
- Thickened Head for Strong Grip
- Ideal for Hydraulic & Pneumatic Systems

ITEM	SIZE (mm)	L (mm)
AEEA0810	8 X 10	130
AEEA1012	10 X 12	150

4 IN 1 RATCHET WRENCHES

- Two-way reversible gear design
- 72 teeth ratchet mechanism in 5° increments



ITEM	SIZE (mm)	L (mm)
ABAD0811	8 X 11 - 10 X 9	150
ABAD01215	12 X 15 - 14 X 13	190
ABAD01619	16 X 19 - 17 X 18	230

FLAT TYPE EXTRA LONG DOUBLE RING WRENCH



- Long Shank, Thin Wall Ring End for Restricted Space, Satin Finish

ITEM	SIZE (mm)	L (mm)
AAAP0810	8x10	230
AAAP1012	10x12	300
AAAP1214	12x14	333
AAAP1417	14x17	365
AAAP1719	17x19	400
AAAP2224	22x24	430

**COMBINATION WRENCH
EXTRA LONG
SERIES
15° OFFSET 7 PC**



STORAGE RACK
Satin Chrome Finish

ITEM	CONTENTS
GAAM0706	10,11,12,13,14,17,19mm

**EXTRA LONG SERIES
15° OFFSET**

ITEM	SIZE (mm)	L (mm)
AAEL1010	10	187
AAEL1111	11	205
AAEL1212	12	223
AAEL1313	13	241
AAEL1414	14	259
AAEL1515	15	277
AAEL1616	16	295
AAEL1717	17	312
AAEL1818	18	331
AAEL1919	19	347

6 PC POUCH BAG



ITEM	CONTENTS
GPAP0602	8x10, 10x12, 12x14, 14x17, 17x19, 22x24

FLARE NUT WRENCH KIT 5 PC



Satin Chrome Finish

ITEM	CONTENTS
GPAQ0502	8x10,11x13,12X14 (6 Point) 17x19,22x24 (12 pt)

**DOUBLE RING WRENCH SET
3 PCS 4 IN 1 RATCHET**



Includes:
ABAD0811, ABAD1215, ABAD1619

GPAQ0301

**PRO SERIES
REVERSIBLE RATCHET
COMBINATION WRENCH**



ABAF SERIES

- CrV Steel / Satin Chrome Finish
- 2 Way Reversible Gear Design
- 72 Teeth Gear for Optimum Fastening Efficiency

**PRO SERIES RATCHET
COMBINATION WRENCH**



AOAF SERIES

ITEM	L (mm)	SIZE (mm)	L (mm)	ITEM
ABAF0808	140	8	140	AOAF0808
ABAF0909	149	9	149	AOAF0909
ABAF1010	158	10	158	AOAF1010
ABAF1111	165	11	165	AOAF1111
ABAF1212	171	12	171	AOAF1212
ABAF1313	178	13	178	AOAF1313
ABAF1414	190	14	190	AOAF1414
ABAF1515	199	15	200	AOAF1515
ABAF1616	208	16	208	AOAF1616
ABAF1717	225	17	225	AOAF1717
ABAF1818	236	18	236	AOAF1818
ABAF1919	247	19	247	AOAF1919
		22	289	AOAF2222
		24	322	AOAF2424

METRIC SET 15 PC



Reversible Ratchet Combination Wrench Set

ITEM	CONTENTS
GBA1541	12 PC ABAF series 8 - 19mm Combination Wrenches 3 PC CANA series Quick Release Socket Adaptor 1/4", 3/8", 1/2"

**REVERSIBLE RATCHET
COMBINATION WRENCH SETS**



STORAGE RACK

ITEM	CONTENTS
GAAM0709	8,10,12,13,14,17,19

**RATCHET COMBINATION WRENCH
SET**



BLOW MOULD CASE 10 PC
Satin Chrome Finish

ITEM	CONTENTS
GAAI1004	6 x Combination Wrench AOAF 8,10,12,13,17,19mm 3 x Quick Release Skt Adaptor 1/4"x10, 3/8"x13, 1/2"x19mm 1 x Quick Change Bit Holder

**POUCH BAG RATCHET
COMBINATION WRENCH 12 PC**



ITEM	CONTENTS
GPAQ1202	8 - 19mm AOAF series
GPAQ1204	8 - 19mm AOAH flexible series



ADAF SERIES

- CrV Steel / Satin Chrome Finish

ITEM	L (mm)	SIZE (mm)
ADAF1010	135	5/16"
ADAF1212	155	3/8"
ADAF1414	165	7/16"
ADAF1616	185	1/2"
ADAF1818	195	9/16"
ADAF2020	215	5/8"
ADAF2222	225	11/16"
ADAF2424	245	3/4"

**PRO SERIES
FLEXIBLE RATCHET
COMBINATION WRENCH**



AOAH SERIES

- CrV Steel / Satin Chrome Finish
- 72 Teeth Gear for Optimum Efficiency
- 180 Degree Pivot Head
- Compact Ring Head for Tight Spaces

ITEM	L (mm)	SIZE (mm)
AOAH0808	136	8
AOAH0909	158	9
AOAH1010	158	10
AOAH1111	175	11
AOAH1212	175	12
AOAH1313	185	13
AOAH1414	193	14
AOAH1515	213	15
AOAH1616	213	16
AOAH1717	231	17
AOAH1818	249	18
AOAH1919	249	19

8 PC SAE SET IN METAL BOX



ITEM	CONTENTS
GBAD0803	5/16", 3/8", 7/16", 1/2", 5/8", 11/16", 3/4"

HEAVY DUTY (AMAB SERIES)



- CrV Steel / Satin Chrome Finish
- Graduated Head in millimetres
- Industrial Grade Quality for High Durability and Corrosion Resistance

ITEM	SIZE (INCH)	SIZE (mm)
AMAB1710	4	100
AMAB2415	6	150
AMAB2920	8	200
AMAB3325	10	250
AMAB3830	12	300
AMAB5038	15	380
AMAB6045	18	450
AMAB7060	24	600

TORQUE MULTIPLIER



- CrMo Alloy Steel
- Tolerance within 6%

INDENT ONLY

ITEM	SIZE (INCH)
ANAE1624	1/2" F x 3/4" M Input Max 500Nm / 365ft-lb Output Max 1500Nm / 1100ft-lb

PIPE WRENCHES



- Cast Iron Body
- Chrome Molybdenum Jaw

ITEM	LENGTH (INCH)	JAW (INCH)
DDAB1A08	8	1
DDAB1A10	10	1-1/2
DDAB1A12	12	2
DDAB1A14	14	2
DDAB1A18	18	2-1/2
DDAB1A24	24	3
DDAB1A36	36	5
DDAB1A48	48	6

TORQUE WRENCHES



ANBV1211



ANAS1635

- CrV / CrMo Steel Ratchet Head
- "Equip Flip" Reverse Ratchet Action Function
- Torque One Directional Only (except ANAS1635)
- Features Push to Lock / Pull to Unlock Scale Setting
- Ergonomic Design with TPR Anti Slip Handle
- Dual Reading

Forward/Lock/Reverse

ITEM	DRIVE	CAPACITY		L (mm)	REPAIR KITS
ANBV0803	1/4"	5 - 25 Nm	53 - 230 in-lb	295	ALAU0803
ANBV1206	3/8"	10 - 60 Nm	9.2 - 46.1 ft-lb	350	ALAU1206
ANBV1211	3/8"	20 - 110 Nm	18.4 - 84.8 ft-lb	375	ALAU1211
ANBV1621	1/2"	40 - 210 Nm	33 - 158 ft-lb	535	ALAU1621
ANBV1635	1/2"	70 - 350 Nm	59 - 265 ft-lb	645	ALAU1621
ANBV2460	3/4"	100 - 600 Nm	92 - 461 ft-lb	955	ALAU2480
ANBV2480	3/4"	150 - 800 Nm	129 - 609 ft-lb	1090	ALAU2480
ANBV24A0	3/4"	200 - 1000 Nm	166 - 756 ft-lb	1090	ALAU2480
ANAS1635	1/2"	70-350 Nm	(51.6-258.1 ft-lb)	560	ALAL1635

MICROMETER ADJUSTABLE TORQUE WRENCH

- with Convex Display



ITEM	DRIVE	CAPACITY	L (mm)	REPAIR KITS
ANAM0803	1/4"	5-25 Nm	290	ALAH0803
ANAM1205	3/8"	10-50 Nm	360	ALAH1205
ANAM1620	1/2"	40-200 Nm	500	ALAH1610

TORQUE SCREWDRIVER SET 2 PC

- Easy-read Window Scale
- Micrometer Gradation 0.5Nm

ITEM	CONTENTS
GCAI0201	1 x 1/4" Dr Torque Screwdriver 1 - 8 Nm 1 x 1/4" Dr Bit Holder



ALUMINIUM ALLOY PIPE WRENCH



- Aluminium Body
- Chrome Molybdenum Jaw

ITEM	LENGTH (INCH)	CAPACITY (INCH)
DDAC1A14	14	2
DDAC1A18	18	2-1/2
DDAC1A24	24	3
DDAC1A36	36	5
DDAC1A48	48	6

INTERCHANGEABLE SPANNER HEAD TORQUE WRENCH SET 11 PC

INDENT ONLY



ITEM	CONTENTS
GAAI1101	1 x 1/2" Dr Torque Handle 1 x 1/2" Dr Ratchet Head 9 x Spanner Heads 13,14,15,17,19,22,24,27,30mm 40-210 Nm

SOCKETS

6 PT & 12 PT SOCKETS



BAEA SERIES: 6 PT
BAEB SERIES: 12 PT

- CrV DIN3124
- Satin Chrome Finish METRIC

6 PT DEEP SOCKETS



- CrV DIN3124
- Satin Chrome Finish METRIC

DRIVE	ITEM	CONTENTS
1/4"	BAEA08__	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
3/8"	BAEA12__	6 - 24mm (excl 23mm)
1/2"	BAEA16__	8 - 32mm
3/4"	BAEA24__	19 - 70mm (38 sizes)
1"	BAEA32__	36 - 80mm (10 sizes)
(12pt) 3/4"	BAEB24__	22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm

DRIVE	ITEM	CONTENTS
1/4"	BAEE08__	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
3/8"	BAEE12__	6 mm
1/2"	BAEE16__	8 - 32mm (excl 31mm)

eg. BAEE1628 is 28mm

STANDARD SOCKET RAIL SETS



13 PC 1/4" DR 6 POINT SOCKET SET - SATIN CHROME

ITEM	CONTENTS
GAAQ1308	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14



13 PC 1/4" DR 6 POINT DEEP SOCKET SET - SATIN CHROME FINISH

ITEM	CONTENTS
GAAQ1309	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14

13 PC 3/8" DR 6 POINT SOCKET SET - SATIN CHROME

ITEM	CONTENTS
GAAQ1310	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21

13 PC 3/8" DR 6 POINT DEEP SOCKET SET - SATIN CHROME FINISH

ITEM	CONTENTS
GAAQ1311	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21

11 PC 1/2" DR 6 POINT SOCKET SET - SATIN CHROME

ITEM	CONTENTS
GAAQ1103	10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22

11 PC 1/2" DR 6 POINT DEEP SOCKET SET - SATIN CHROME FINISH

ITEM	CONTENTS
GAAQ1106	10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22

6 PT + 12 PT SOCKETS SAE



- BBEA Series: 6pt
BBEB Series: 12pt
- CrV **DIN3124**
 - Mirror Finish

EMPTY SOCKET RAILS



ITEM	SIZE
ANBE1304	1/4" Drive
ANBE1307	3/8" Drive
ANBE1110	1/2" Drive

DRIVE	ITEM	SIZES AVAILABLE (inch)
1/4"	BBEA08__	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16
3/8"	BBEA12__	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16
1/2"	BBEA16__	11/32, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 21/32, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4
(12PT) 3/4"	BBEB24__	3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-11/16, 1-3/4, 1-7/8, 2

6 PT DEEP SOCKETS SAE



- BBEE Series
- CrV **DIN3124**
 - Mirror Finish

DRIVE	ITEM	SIZE AVAILABLE (inch)
1/4"	BBEE08__	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16
3/8"	BBEE12__	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8
1/2"	BBEE16__	5/16, 11/32, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 21/32, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4

STAR SOCKETS



- CrV **DIN3124**
- Satin Chrome Finish

DRIVE	ITEM	SIZE AVAILABLE
1/4"	BAED08_	E4, E5, E6, E7, E8, E10
3/8"	BAED12_	E8, E10, E11, E12, E14, E16, E18, E20
1/2"	BAED16_	E10, E11, E12, E14, E16, E18, E20, E22, E24

SPARK PLUG SOCKETS

SPARK PLUG SOCKET MAGNETIC



DRIVE	ITEM	SIZE
3/8"	BAAT1216	16 x 65mm
3/8"	BAAT1221	21 x 67mm
1/2"	BAAT1616	16 x 65mm
1/2"	BAAT1621	21 x 67mm

STUD PULLER SOCKET SET



4 PC 1/2" Drive - Dual Finish

ITEM	CONTENTS
GAAI0401	6, 8, 10, 12mm
INDIVIDUAL STUD PULLERS	
BAAM1606	6mm
BAAM1608	8mm
BAAM1610	10mm
BAAM1612	12mm



HEX NUT DRIVER T HANDLE SOCKET



(GZC0802 SET 7 - 14mm)

6 PT, 65 x 230mm / Satin

STAR SOCKET RAIL SETS



Satin Chrome Finish
8 PC 3/8" Drive

ITEM	CONTENTS
GAAG0802	E8, E10, E11, E12, E14, E16, E18, E20

SPARK PLUG SOCKET MAGNETIC



(Thin Wall)

DRIVE	ITEM	SIZE
1/2"	BAAV1616	16 x 65mm

SOCKET & OTHER ADAPTORS

SOCKET ADAPTOR WITH QUICK RELEASE (FOR RATCHET WRENCH)



- CrV
- Mirror Finish

DIN3124

ITEM	DRIVE
CANA0810	■ 1/4" x ● 10mm
CANA1213	■ 3/8" x ● 13mm
CANA1619	■ 1/2" x ● 19mm

ITEM	CONTENTS
CTJA0523	5mm (EOL)
CTJA0623	6mm (EOL)
CTJA0723	7mm
CTJA0823	8mm
CTJA0923	9mm
CTJA1023	10mm
CTJA1123	11mm
CTJA1223	12mm
CTJA1323	13mm
CTJA1423	14mm



GAAR1402

14 PC 1/4", 3/8", 1/2" Drive

DRIVE	CONTENTS
1/4" Dr	E4, E5, E6, E7, E8
3/8" Dr	E10, E11, E12, E14
1/2" Dr	E16, E18, E20, E22, E24

SPARK PLUG SOCKET



(Leaf Spring)

DRIVE	ITEM	SIZE
3/8"	BAAX1214	14 x 63mm

SPARK PLUG SOCKET 3/8" DRIVE, LONG



BSBA1214L

DRIVE	ITEM	SIZE
3/8"	BSBA1214L	14 x 250mm

STANDARD ADAPTORS



ITEM	DRIVE
CAEB0812	○ 1/4" x ■ 3/8" x 26mm
CAEB1208	○ 3/8" x ■ 1/4" x 25mm
CAEA1216	○ 3/8" x ■ 1/2" x 36mm
CAEB1612	○ 1/2" x ■ 3/8" x 36mm
CAEA1624	○ 1/2" x ■ 3/4" x 51mm
CAEA2416	○ 3/4" x ■ 1/2" x 57mm

UNIVERSAL JOINT



ITEM	DRIVE
CAHA0840	1/4" x 39mm
CAHK1254	3/8" x 52mm Super-Torque / Satin
CAHK1678	1/2" x 68mm Super-Torque / Satin

BIT SOCKETS

STAR BIT SOCKETS



3/8" Dr x 48mm/Satin

ITEM	SIZE
BCFA1215	T15
BCFA1220	T20
BCFA1225	T25
BCFA1227	T27
BCFA1230	T30
BCFA1240	T40
BCFA1245	T45
BCFA1250	T50

STAR BIT SOCKETS



1/2" Dr x 55mm/Satin

ITEM	SIZE
BCFA1620	T20
BCFA1625	T25
BCFA1627	T27
BCFA1630	T30
BCFA1640	T40
BCFA1645	T45
BCFA1650	T50
BCFA1655	T55
BCFA1660	T60
BCFA1670	T70

HEX BIT SOCKETS



1/4" Dr x 37mm/Satin

ITEM	SIZE
BCDA082E	2.5mm
BCDA0803	3mm
BCDA0804	4mm
BCDA0805	5mm
BCDA0806	6mm
BCDA0807	7mm
BCDA0808	8mm

HEX BIT SOCKETS



3/8" Dr x 48mm/Satin

ITEM	SIZE
BCDA1203	3mm
BCDA1204	4mm
BCDA1205	5mm
BCDA1206	6mm
BCDA1207	7mm
BCDA1208	8mm
BCDA1210	10mm

HEX BIT SOCKETS



1/2" Dr x 55mm/Satin

ITEM	SIZE
BCDA1604	4mm
BCDA1605	5mm
BCDA1606	6mm
BCDA1607	7mm
BCDA1608	8mm
BCDA1610	10mm
BCDA1612	12mm
BCDA1614	14mm
BCDA1617	17mm
BCDA1619	19mm

BIT SOCKET RAIL SETS



7 PC 3/8" Drive Hex Bit Sockets

ITEM	CONTENTS
GAAG0702	3, 4, 5, 6, 7, 8, 10mm

7 PC 3/8" Drive Hex Bit Sockets

ITEM	CONTENTS
GBAG0702	1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"

8 PC 1/2" Drive Hex Bit Sockets

ITEM	CONTENTS
GBAG0801	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4"



8 PC 3/8" Drive Star Bit Sockets

ITEM	CONTENTS
GAAG0804	T15, T20, T25, T27, T30, T40, T45, T50



8 PC 1/4" Drive Pentacle Bit Sockets

ITEM	CONTENTS
GAAG0805	T8, T10, T15, T20, T25, T27, T30, T40

7 PC 1/2" Drive Spline Bit Set

ITEM	CONTENTS
GAAG0703	M5, M6, M8, M10m M12, M14, M16

1/2" DRIVE HEX BIT SETS
10 PC 55mm LONG



ITEM	CONTENTS
GAAD1007	4, 5, 6, 7, 8, 10, 12, 14, 17, 19mm

9 PC 80mm LONG



ITEM	CONTENTS
GAAD0905	4, 5, 6, 7, 8, 10, 12, 14, 17mm

MINI REVERSIBLE RATCHET HANDLES

- Chrome Vanadium Steel
- Fine 60 tooth Ratchet - Hard Wearing Construction
- Ideal for confined spaces

1/4" MINI BIT HANDLE



For Screwdriver Bits **CHDV0801**

RATCHET HANDLES



- 36 Gears
- Satin Chrome
- Anti Slip Handle

ITEM	SIZE
S135	1/4" Drive x 135mm

REVERSIBLE WITH QUICK RELEASE



- 72 Gears / Satin Chrome

ITEM	SIZE
CJBM0815	1/4" Drive x 145mm
CJBM1220	3/8" Drive x 200mm
CJBM1627	1/2" Drive x 265mm

FLEXIBLE HANDLE



- 72 Gears / Satin Chrome

ITEM	SIZE
CJHM1228	3/8" Drive x 280mm
CJHM1631	1/2" Drive x 310mm

REVERSIBLE RATCHET HANDLES WITH QUICK RELEASE



- 36 Gears / Mirror finish

ITEM	SIZE
CHAG0813	1/4" Drive x 131mm
CHAG1218	3/8" Drive x 180mm
CHAG1626	1/2" Drive x 255mm



- 72 Gears / Mirror Finish

ITEM	SIZE
CHAM0813	1/4" Drive x 130mm
CHAM1220	3/8" Drive x 198mm
CHAM1625	1/2" Drive x 250mm

**PALM RATCHETS 3 PC SET
1/4", 3/8", 1/2" DRIVE**



GAAR0302

- 52 teeth gear action
- Forward / Reverse ratchet mechanism
- Knurled edges for a non-slip grip mechanism

HANDLES & EXTENSION BARS

REVERSIBLE RATCHET HANDLE WITH QUICK RELEASE



- 43 gears / Satin Chrome Finish

ITEM	SIZE
CHFS2451	3/4" Drive x 500mm

SWIVEL HANDLE



- Satin Chrome Finish

ITEM	SIZE
CFKA1210	3/8" Drive x 250mm
CFKA1615	1/2" Drive x 380mm

RATCHET HEAD SWIVEL HANDLE



- 3 Way Ratchet Mechanism
- 24 Gears / Mirror Finish

ITEM	SIZE
CEAD1618	1/2" Drive x 460mm

SPEED BRACE



- Mirror Finish

ITEM	SIZE
CADC1240	3/8" Drive x 400mm
CADC1642	1/2" Drive x 420mm

SLIDING T HANDLE WITH QUICK RELEASE



- Satin Chrome Finish

ITEM	SIZE
CTCJ1208	3/8" Drive x 200mm
CTCJ1610	1/2" Drive x 250mm
CTCJ2418	3/4" Drive x 460mm
CTCJ2420	3/4" Drive x 500mm
CTCJ3222	1" Drive x 580mm

REPAIR KITS

ITEM	SIZE
CLAA_	for CFAC series
CLAE_	for CFAC with grub screw
CLAC_	for CFBC series
CLAD_	for CEAD series
CLBC_	for CJBM / CHNC series
CLBD_	for CYAN series
CLBG_	for CHAG series
CLBH2424	for CHFS2451
CLBH3232	for CHES3208

SWIVEL HANDLE



- Mirror Finish

ITEM	SIZE
CFAC0806	1/4" Drive x 150mm
CFAC1210	3/8" Drive x 250mm
CFAC1615	1/2" Drive x 380mm
CFAC1618	1/2" Drive x 450mm
CFAC2424	3/4" Drive x 600mm

EXTRA LONG SWIVEL HANDLE



- Mirror Finish

ITEM	SIZE
CFBC1215	3/8" Drive x 380mm
CFBC1624	1/2" Drive x 610mm
CFBC1630	1/2" Drive x 760mm
CFBC2440	3/4" Drive x 1m
CFBC3240	1" Drive x 1m

REVERSIBLE RATCHET WITH ADJUSTABLE TUBE HANDLE AND QUICK RELEASE

- 43 gears / Satin Chrome Finish

ITEM	SIZE
CHES2408	3/4" Drive x 500 - 800mm
CHES3208	1" Drive x 500 - 800mm



SWIVEL HANDLE WITH ADJUSTABLE TUBE HANDLE

ITEM	SIZE
CFDC2408	3/4" Drive x 500 - 800mm

FLEXIBLE EXTENSION BAR



ITEM	SIZE
CASA0806	1/4" Drive x 150mm

SPINNER HANDLE



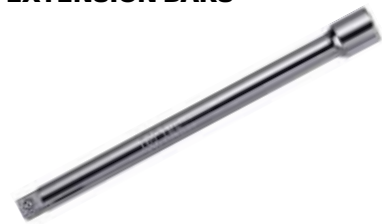
ITEM	SIZE
CAIP0816	1/4" Drive x 165mm

SPINNER HANDLE



ITEM	SIZE
CAIA0815	1/4" Drive x 150mm

EXTENSION BARS



ITEM	SIZE
CAAA0802	1/4" Drive x 2"
CAAA0803	1/4" Drive x 3"
CAAA0804	1/4" Drive x 4"
CAAA0806	1/4" Drive x 6"
CAAA1203	3/8" Drive x 3"
CAAA1206	3/8" Drive x 6"
CAAA1210	3/8" Drive x 10"
CAAA1603	1/2" Drive x 3"
CAAA1605	1/2" Drive x 5"
CAAA1610	1/2" Drive x 10"

EXTENSION BAR WITH QUICK RELEASE



ITEM	SIZE
CABA2404	3/4" Drive x 4"
CABA2408	3/4" Drive x 8"
CABA2416	3/4" Drive x 16"
CABA3208	1" Drive x 8"
CABA3216	1" Drive x 16"

**IMPACT DRIVER SET
1/2" DRIVE 6 PC**



ITEM	CONTENTS
GAAD0602	1 x 1/2" Dr Impact Driver 145mm 1 x Quick Change Bit Holder 2 x Hex Shank Slotted Bits 2 x Hex Shank Phillips Bits

**IMPACT DRIVER BITS
REPLACEMENT 5/16"X36MM
BITS:**

FSAC1008	Slotted 1.2
FSAC1010	Slotted 1.6
FSBC1002	Phillips PH2
FSBC1003	Phillips PH3

SOCKET SETS

31 PC 1/4" DRIVE 6PT METRIC SOCKET SET



Satin

ITEM	CONTENTS
GCAD3102	11 PC 1/4" Dr 4 - 14mm 3 PC 1/4" Dr PZ#1, 2, 3 3 PC 1/4" Dr PH#1, 2, 3 3 PC 1/4" Dr Slotted 4, 5.5, 6.5mm 5 PC 1/4" Dr Hex 3, 4, 5, 6, 8mm 1 Spinner Handle 1 QR Rev Ratchet Handle 2 Extension Bars: 2" & 6" 1 Universal Joint 1/4" 1 Sliding T Handle 1/4"

29 PC 1/4" DRIVE 6 PT COMBINATION SOCKET SET



ITEM	CONTENTS
GCAD2902	13 PC 1/4" Dr 4 - 14mm Satin 10 PC 1/4" Dr 3/16" - 9/16" Mirror 1 CAIPO816 Spinner Handle 1 QR Rev Ratchet Handle 2 Extension Bars: 2" & 6" 1 Universal Joint 1/4" 1 Sliding T Handle 1/4"

54 PIECE 1/4" DRIVE 6 PT COMBINATION SOCKET SET



ITEM	CONTENTS
GBA5440	13 Metric Sockets & 13 Metric Deep Sockets 4-14mm. Satin Chrome 11 SAE Sockets & 11 SAE Deep Sockets 5/32"-9/16" Mirror 1 QR Ratchet Handle 1/4" 2 Extensions 2" & 6" 1 Spinner Handle 1 Sliding T Handle 1 Universal Joint

12 PIECE 1/4" & 3/8" DR VDE SOCKET SET



GZA1245

ITEM	CONTENTS
GZA1245	8 X VDE Sockets 8, 10, 11, 12, 13, 14, 15, 17, 19mm 2 X 3/8" Extension Bars VDE 3", 10" 1 X 3/8" 72 Tooth Ratchet Handle VDE Insulated Reversible with QR

41 PC 1/4" DR 6 PT SOCKET & BIT SET



GADW4101

ITEM	CONTENTS
GADW4101	13 PC 1/4" Dr 4 - 14mm Sockets 2 Extension Bars 50 & 100mm 1 Universal Joint 1/4" 1 Spinner Handle 1 QR Reversible Ratchet Handle 1 1/4" Dr to Hex QC Bit Holder 1 1/4" Hex Socket Adaptor 3 1/4" Hex Phillips Bits 3 1/4" Hex PZ Bits 3 1/4" Hex Slotted Bits 5 x 1/4" Hex Shank Bits 7 1/4" Hex Torx Bits

45 PC 1/4" DR 6 PT SOCKET & BIT SET



GADW4501

ITEM	CONTENTS
GADW4501	10 PC 1/4" Dr 5.5 - 14mm Sockets 4 1/4" Hex Slotted Bits 4 1/4" Hex Phillips Bits 3 1/4" Hex PZ Bits 8 1/4" Hex Shank Bits 4 1/4" Hex Star Bits 7 1/4" Hex Star Tamperproof Bits 2 1/4" Hex Square Bits 1 1/4" Magnetic Bit Holder 1 Flexible Head Reversible Ratchet Handle 1 1/4" Socket Adaptor

REPLACEMENT INSERT TRAYS

ITEM	FOR SOCKET SET
AF29221200	GCAD2902
PCF3122	GCAD3102
PAF3443	GCAD3403
PAF4343	GCAD4303

18 PC 3/8" DRIVE 6 PT METRIC SOCKET SET



ITEM	CONTENTS
GCAD1805	13 PC 3/8" Dr 6 - 24mm 1 Universal Joint 3/8" 1 QR Rev Ratchet Handle 3/8" 2 Extension Bars 3 & 6" 1 Swivel Handle

34 PC 3/8" DR 6 PT COMBINATION SOCKET SET



ITEM	CONTENTS
GCAD3403	11 PC 3/8" Dr 8 - 22mm Satin 11 PC 3/8" Dr 5/16" - 7/8" Mirror 2 Spark Plug Skts 16 & 21mm 1 Rev Ratchet Handle 3/8" 3 Extension Bars 3, 6, 10" 1 Sliding T Handle 3/8" 1 Swivel Handle 3/8" 1 Universal Joint 3/8" 1 Speed Brace 3/8" 1 Spinner Handle 1 Adaptor 3/8" F x 1/4" M

35 PIECE 3/8" DRIVE 6 PT METRIC SOCKET SET



ITEM	CONTENTS
GBB3514	18 metric sockets & 8 metric deep 2 Spark Plug Sockets 16, 21mm 2 Extensions 3", 6" 1 Sliding T Handle 1 Adaptor 1/2" F x 3/8" M 1 Universal Joint 1 Swivel Handle 1 QR Ratchet Handle 3/8"

18 PC 1/2" DRIVE 6 PT METRIC SOCKET SET



ITEM	CONTENTS
GCAD1801	12 PC 1/2" Dr 10 - 32mm Satin 1 Universal Joint 1/2" 3 Extension Bars 3, 5, 10" 1 QR Rev Ratchet Handle 1/2" 1 Swivel Handle 1/2"

43 PC 1/2" DRIVE 6 PT COMBINATION SOCKET SET



ITEM	CONTENTS
GCAD4303	20 PC 1/2" Dr 8 - 32mm Satin 14 PC 1/2" Dr 3/8" - 1 1/4" Mirror 2 Spark Plug Skts 16 & 21mm 1 QR Rev Ratchet 1/2" 3 Extension Bars 3, 5, 10" 1 Adaptor 3 Way 1 Swivel Handle 1 Universal Joint

41 PC 1/2" 6 PT METRIC SOCKET SET



ITEM	CONTENTS
GCAD4102	24 Metric Sockets 8 - 32mm 9 Metric Deep Sockets 10 - 22mm 2 Spark Plug Sockets 16, 21mm 2 Extension Bars 5", 10" 1 Universal Joint 1 Swivel Handle 1 Sliding T Handle 1 QR Reversible Ratchet Handle

26 PC 3/4" DRIVE 12 PT COMBINATION SOCKET SET



ITEM	CONTENTS
GCAD2608	10 PC 3/4" Dr 22 - 50mm 12 PC 3/4" Dr 7/8" - 2" 2 Extension Bars 4 & 8" 1 Sliding T Handle 1 QR Reversible Ratchet Handle

14 PC 1" DRIVE 6 PT METRIC SOCKET SET



INDENT ONLY

ITEM	CONTENTS
GCAD1403	10 PC 1" Dr 36 - 80mm 2 QR Extension Bars 8 & 16" 1 QR Sliding teeth Handle 1 QR Reversible Ratchet Handle 43 teeth

41 PC 1/4" DRIVE 6 PT METRIC SOCKET SET



GCAI4102

ITEM	CONTENTS
GCAI4102	1 QR 1/4" Reversible Ratchet Handle 5 various Extension Bars, Handles & Universal Joint 13 Sockets 4 - 14mm 20 Hex Insert Bits 1 1/4" Magnetic Socket Pick-up 1 QC 1/4" Bit Holder

35PC 3/8" DRIVE 6 PT METRIC SOCKET TOOL SET



21 PC 3/4" DRIVE 6 PT METRIC SOCKET SET

INDENT ONLY



ITEM	CONTENTS
GCAI2104	16 PC 3/4" Dr 19 - 50 mm Satin 2 QR Extension Bars 4, 8" 1 Universal Joint 3/4" 1 QR Adj Rev Ratchet Handle 1 QR Adj Swivel Handle

17 PC 3/4" 6 PT METRIC SOCKET SET



ITEM	CONTENTS
GCAI1701	13 PC 3/4" Dr 19 - 50 mm Satin 2 QR Extension Bars 4, 8" 1 QR Sliding T Handle 3/4" 1 QR Rev Ratchet Handle 3/4"

ITEM	CONTENTS
GCAI3501	16 PC 3/8" Dr 6 Point Sockets 6-19mm, 21, 22mm 11 PC 3/8" Dr 6 Point Sockets 1/4" - 7/8" Mirror 2 PC 16&21mm Spark Plug Skt 1 3/8" Dr Universal Joint 2 Extension Bars 75, 150mm 1 QR Rev Ratchet Handle 1 QR Sliding T Handle 200mm 1 Swivel Handle 250mm

80 PC 1/4" & 1/2" DRIVE TOOL KIT



GCAI8002

	GCAI8002 CONTENTS
1/4" DRIVE	10 PC 4, 5, 6, 7, 8, 9, 10, 11, 12, 13mm Sockets 3 PC 8, 10, 12mm Deep Sockets 1 1/4" Dr 100mm Extension Bar 1 1/4" Dr Sliding T Handle 1 1/4" Dr Spinner Handle 1 1/4" Dr 150mm Flexible Extension Bar
1/2" DRIVE	11 PC 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32mm Sockets 3 PC 14, 17, 19mm Deep Sockets 2 PC 16 & 21mm Spark Plug Sockets 2 1/2" Dr 125 & 250mm Extension Bar 1 1/2" Dr 250mm Sliding T Handle
1/4" & 1/2" DRIVE	2 Universal Joints 2 Reversible Ratchet Handles with Quick Release
1/4" Hex DRIVE Insert Bits & Holders	1 Quick Change Bit Holder 7 Screwdriver Bits, 3 Slotted 4, 5.5, 6.5mm. 2 Phillips PH1, PH2, 2 Pozzi PZ1, PZ2 7 Star Bits T10, T15, T20, T25, T27, T30, T40 7 Hex Insert Bits 2, 2.5, 3, 4, 5, 6, 8
Other Tools	AAEW Series Super Torque Combination Wrenches 9 PC 8, 10, 12, 13, 14, 15, 17, 18, 19mm 1 Engineers Hammer 300g 1 10" Box-Joint Water Pump Pliers, 1 8" Long Nose Pliers, 1 7" Combination Pliers 3 Phillips Screwdrivers PH1x80, PH2x100, PH3x150 2 Slotted Screwdrivers 5.5x100mm, 6.5x100mm

GCAI-CLIP
Replacement Clip for green cases



150 PC 1/4" & 1/2" DRIVE TOOL KIT



GCAI150R

GCAI150R CONTENTS	
	1 each QR 1/4", 1/2" Reversible Ratchet Handle
	13 various Extension Bars, Handles & Universal Joint
1/4" DRIVE	12 Sockets 4 - 13mm
	8 Deep Sockets 6 - 13mm
	5 Star Sockets E4 - E8
	28 various Insert Bits
1/2" DRIVE	20 Sockets 8 - 32mm
	5 Deep Sockets 14 - 22mm
	6 Star Sockets E10 - E20
	2 Spark Plug Sockets 16, 21mm
OTHER ACCESSORIES	6 various Hex Shank Insert Bits
	17 Combination Wrenches 15 Offset 6 - 24mm
	4 Flare Nut Wrenches 8 - 19mm
	7 Hex Key Wrenches
	3 Pliers
	1 Hammer
	5 Chisel / Punches
	7 Screwdrivers

130 PC 1/4", 3/8" & 1/2" DRIVE 6 PT TOOL KIT



GCAI130B

GCAI130B CONTENTS	
	3 PC QR 1/4", 3/8", 1/2" Reversible Ratchet Handle
	3 PC 1/4", 3/8", 1/2" Universal Joint
1/4" DRIVE	11 PC 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12mm Standard Sockets
	4 PC 8, 9, 10, 12mm Deep Sockets
	7 PC 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32" Sockets
	6 PC E4, E5, E6, E7, E8, E10 Star Sockets
	1 PC 1/4" Dr 50mm Extension Bar
	1 PC 1/4" Dr Spinner Handle
3/8" DRIVE	7 PC 13, 14, 15, 16, 17, 18, 19mm Standard Sockets
	4 PC 13, 14, 15, 17mm Deep Sockets
	9 PC 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8" Sockets
	6 PC E11, E12, E14, E16, E18, E20 Star Sockets
	2 3/8" Dr 75 & 150mm Extension Bar
1/2" DRIVE	7 PC 20, 21, 22, 24, 27, 30, 32mm Standard Sockets
	4 PC 15/16", 1", 1-1/16", 1-1/4" Sockets
	2 PC 16 & 21mm Spark Plug Sockets
	2 1/2" Dr 125 & 150mm Extension Bar
1/4" HEX	7 PC 2, 2.5, 3, 4, 5, 6, 8mm Hex Insert Bits
	7 PC T10, T15, T20, T25, T27, T30, T40 Star Insert Bits
	7 PC T10, T15, T20, T25, T27, T30, T40 Tamperproof Insert Bits
1/4" DRIVE	1 PC 1/4" Quick Change Bit Holder
3/8" DRIVE	3 PC 5.5, 6.5, 8mm Slotted Bit Sockets
	3 PC PH2, PH3, PH4 Phillips Bit Sockets
	2 PC 8, 10mm Hex Bit Sockets
	5 PC T20, T25, T27, T30, T40 Star Bit Sockets
1/2" DRIVE	4 PC T45, T50, T55, T60 Star Bit Sockets
	AAEW Series Super Torque Combination Wrenches
	12 PC 8, 9, 10, 11, 12, 13, 14, 17, 18, 19, 21, 22mm

IMPACT SOCKET SET

1/2" DR 3 PC - EXTRA LONG

GDAI0304

- 3 x Sockets
17, 19, 21mm
- 150mm long



IMPACT HEX BIT SOCKET SETS

7 PC 1/2" DRIVE

GDAI0702

ITEM	CONTENTS
GDAI0702	1/2" Dr. Hex Bit Impact Sockets 4, 5, 6, 8, 10, 12, 14 mm



7 PC 3/8" DRIVE

ITEM	CONTENTS
GDAI0704	3/8" Dr. Hex Bit Impact Sockets 4, 5, 6, 7, 8, 10, 12 mm



IMPACT SOCKET SET 1/2" DR 3 PC



ITEM	CONTENTS
GDAS0301	3 x Sockets 17,19,21mm Black Phosphate Finish

ITEM	CONTENTS	COLOUR
KAPB1617	17 x 85mm	Blue
KAPB1619	19 x 85mm	Yellow
KAPB1621	21 x 85mm	Red

IMPACT SOCKET SETS 1/2" DRIVE 10 PC STANDARD



- Black Phosphate Finish
- 6 Point Flank

ITEM	CONTENTS
GDAD1001	10,11,12,13,14,17,19,21,22,24mm

10 PC DEEP SOCKETS



ITEM	CONTENTS
GDAD1002	10,11,12,13,14,17,19,21,22,24mm

IMPACT SOCKET SETS 3/4" DRIVE 8 PC STANDARD SOCKETS



ITEM	CONTENTS
GDAD0801	26,27,29,30,32,35,36,38mm

8PC DEEP SOCKETS



ITEM	CONTENTS
GDAD0802	26,27,29,30,32,35,36,38mm

IMPACT SOCKET SET 1/2" DRIVE 18 PC STANDARD



ITEM	CONTENTS
GCAD1807	1/2" Drive Extension Bar 150mm long 10,11,12,13,14,15,16,17,18,19,21, 22,23,24,27,30,32mm

STANDARD IMPACT SOCKETS



6 Point,
Black Phosphate Finish

ITEM	1/2" DRIVE
KABA16__	10 - 32mm (20 sizes)

ITEM	3/4" DRIVE
KABA24__	17 - 46mm (18 sizes)

DEEP IMPACT SOCKETS



6 Point,
Black Phosphate Finish

ITEM	1/2" DRIVE
KABE16__	10 - 41mm (20 sizes)

ITEM	3/4" DRIVE
KABE24__	19 - 46mm (16 sizes)

IMPACT UNIVERSAL JOINT



Up to a 30 degree angle from Vertical
High Strength and Durable

ITEM	SIZE
KACN120B	3/8" x 48mm
KACN160B	1/2" x 62mm

AIR DIE GRINDER



with 6mm & 1/4" Collet

ITEM	POWER	FREE SPEED	AVE AIR CONSUMPTION
KAKA0822	0.6 HP	22000 rpm	6.0 cfm

AIR BLOW GUNS - HIGH FLOW



KAGA0305
125mm

KAGA0310
255mm

AIR WRENCHES



KAAQ1650



KAAA1660



KAAA2475



KAAA321808



KAAJ2413

ITEM	MAX TORQUE		FREE SPEED	BOLT CAPACITY	AVERAGE AIR CONSUMPTION	DRIVE
	ft-lb	Nm				
KAAQ1650	500	678	8500 rpm	9/16", M14	4.8 cfm	1/2"
KAAA1660	700	949	6500 rpm	3/4", M19	4.4 cfm	1/2"
KAAA2475	750	1016	6500 rpm	1", M25	7 cfm	3/4"
KAAA321808	1800	2440	4000 rpm	1-27/64", M36	9 cfm	1"
KAAJ2413	1300	1763	6000 rpm	3/4", M19	7.3 cfm	3/4"

27 PC 1/2" DRIVE WRENCH SET



GDAI2703

AIR RATCHET WRENCHES



ITEM	MAX TORQUE		FREE SPEED	BOLT CAPACITY	AVERAGE AIR CONSUMPTION
	ft-lb	Nm			
KAAF1205 3/8" DR	75	102	160 rpm	5/8", M16	3.9 cfm
KAAF1605 1/2" DR	75	102	160 rpm	5/8", M16	3.9 cfm

ITEM	CONTENTS
GDAI2703	Impact Wrench 600 ft-lb KAAA1660 12 Sockets 10 - 24mm 3 Deep Sockets 17, 19, 21mm 1 Extension Bar x 5" 1 Universal Joint 4 O Rings 4 Pins 1 15cc Oil Pot

IMPACT ADAPTOR



ITEM	SIZE
KACA1216	3/8" F x 1/2" M
KACA1624	1/2" F x 3/4" M
KACA2416	3/4" F x 1/2" M
KACA2432	3/4" F x 1" M
KACA3224	1" F x 3/4" M

**DEEP IMPACT SOCKET SET
3/8" DRIVE 12 PC**



ITEM	CONTENTS
GDAD1201	8 - 19mm

INDENT ONLY

IMPACT EXTENSION BAR



ITEM	SIZE
KACE1605	1/2" x 125mm
KACE1610	1/2" x 250mm
KACE2404	3/4" x 100mm
KACE2410	3/4" x 250mm

**IMPACT SOCKET RAIL SET 3/8" DRIVE
12 PC**



ITEM	CONTENTS
GDAG1201	8 - 19mm

INDENT ONLY

**IMPACT SOCKET SET
1/2" DRIVE 32 PC**



ITEM	CONTENTS
GDAD3201	18 PC 8 - 32mm 12 Deep Sockets 12 - 32mm 1 Impact Extension Bar 1 Impact Universal Joint

INDENT ONLY

HEX & STAR KEY WRENCH SETS

BALL NOSE EXTRA LONG TYPE 9PC



Colour Coded for Easy Identification

ITEM	CONTENTS
GAAL0918	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm

BALL NOSE LONG TYPE 9PC



ITEM	CONTENTS
GAAL0916	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm (Metric Version)
GBAL0901	1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8" (Imperial Version)

**STAR TAMPERPROOF 9PC
EXTRA LONG TYPE**



ITEM	CONTENTS
GAAL0915	T10,T15,T20,T25,T27 T30,T40,T45,T50
AIBE2715	TP Torx Key T27
AIBE4018	TP Torx Key T40

**BALL NOSE EXTRACTOR 9 PC
EXTRA LONG TYPE**



Specialty Spiral Hex for easy removal of damaged or rounded out hex screws or bolts

ITEM	CONTENTS
GAAL0927	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm

**STAR KEY 9PC
EXTRA LONG TYPE**



ITEM	CONTENTS
GAAL0923	T10,T15,T20,T25,T27 T30,T40,T45,T50

SCREWDRIVERS

FEATURES

- Hardened & Tempered SNCM-V Steel
- High Performance Black-Hardened magnetic tip
- PP & TPR non-Slip Handle

STUBBY SLOTTED



ITEM	SIZE	LENGTH X SHANK
FABB5E03	5.5mm	85 x 25
FABB6E03	6.5mm	85 x 25

STUBBY PHILLIPS



ITEM	SIZE	LENGTH X SHANK
FBBB0103	PH1	85 x 25
FBBB0203	PH2	85 x 25

GO-THROUGH IMPACT SCREWDRIVERS WITH

Hex Steel Shank and Hex Driver



PHILLIPS GO-THROUGH

ITEM	SIZE	LENGTH X SHANK
FBGB0108	PH1	190 x 75
FBGB0210	PH2	215 x 100

STANDARD SLOTTED



ITEM	SIZE	LENGTH X SHANK
FAAB0308	3.0mm	162 x 75
FAAB3E10	3.5mm	187 x 100
FAAB0410	4.0mm	205 x 100
FAAB0510	5.0mm	205 x 100
FAAB5E10	5.5mm	215 x 100
FAAB5E15	5.5mm	265 x 150
FAAB6E10	6.5mm	215 x 100
FAAB6E15	6.5mm	265 x 150
FAAB0818	8.0mm	300 x 175
FAAB1020	10.0mm	325 x 200

STANDARD PHILLIPS



ITEM	SIZE	LENGTH X SHANK
FBAB0006	PH0	147 x 60
FBAB0108	PH1	185 x 80
FBAB0110	PH1	205 x 100
FBAB0210	PH2	215 x 100
FBAB0215	PH2	265 x 150
FBAB0315	PH3	275 x 150

STANDARD POZI DRIVE



• S2 Alloy Steel

ITEM	SIZE	LENGTH X SHANK
FCAB0108	PZ1	185 x 80
FCAB0210	PZ2	215 x 100
FCAB0315	PZ3	275 x 150

SLOTTED GO-THROUGH



ITEM	SIZE	LENGTH X SHANK
FAGB5E10	5.5mm	215 x 100
FAGB6E15	6.5mm	265 x 150
FAGB0818	8.0mm	300 x 175
FAGB1020	10.0mm	325 x 200

STANDARD STAR TAMPERPROOF



ITEM	SIZE	LENGTH X SHANK
FEAB0808	T8	162 x 75
FEAB0908	T9	162 x 75
FEAB1008	T10	162 x 75
FEAB1508	T15	180 x 75
FEAB2010	T20	205 x 100
FEAB2510	T25	215 x 100
FEAB2710	T27	215 x 100
FEAB3013	T30	240 x 125
FEAB4015	T40	275 x 150

STANDARD SQUARE DRIVE



ITEM	SIZE	LENGTH X SHANK
FJAB0110	SQ1	215 x 100
FJAB0213	SQ2	240 x 125
FJAB0315	SQ3	265 x 150

VDE1000V INSULATED SCREWDRIVERS



Slotted

Black Hardened Magnetic Tip
High Strength SNCM + V Alloy Steel Blade
Shank Locked into Handle Molding
Blade Insulation meets VDE & DIN/EC 60900

ITEM	SIZE	LENGTH X SHANK
FAEB0308	3.0mm	162 x 75
FAEB0410	4.0mm	205 x 100

SCREWDRIVER & BIT SETS



Star Tamperproof 6 PC

ITEM	CONTENTS
GAAE0610	T10x75, T15x75, T20x100, T25x100, T30x125, T40x150

- ☰ Slotted, ☰ Phillips, ☰ Pozi & ☰ Square 8 PC

ITEM	CONTENTS
GAAE0821	5 Slotted 3.5x100, 4x100, 5.5x100, 6.5x150, 8x175 1 PH2x100, 1 PZ2x100, 1 SQ2x125

- ☰ Slotted & ☰ Phillips 8 PC

ITEM	CONTENTS
GAAE0807	5 Slotted 3.5x100, 4x100, 5.5x100, 6.5x150, 8x175 3 Phillips PH0x60, PH1x80, PH2x100

PROFESSIONAL SCREWDRIVER & BIT SET 58PC



GAAI5801

ITEM	CONTENTS
☰	3 Slotted Precision S/D 2, 2.5, 3mm
☰	2 Phillips Precision S/D PH0, PH00
☰	3 Star Precision S/D T10, T15, T20
☰	2 Stubby Slotted S/D 5.5, 6.5mm
☰	2 Stubby Phillips S/D PH1, PH2
☰	4 Phillips S/D PH0, PH1, PH2, PH3
☰	4 Slotted S/D 4, 5.5, 6.5, 8mm
HEX INSERT BITS 1/4"	
☰	5 Slotted Bits 3, 4, 5.5, 6.5, 8mm
☰	4 Phillips Bits PH0, PH1, PH2, PH3
☰	4 Pozi Bits PZ0, PZ1, PZ2, PZ3
☰	7 Hex Bits 2, 2.5, 3, 4, 5, 6, 8mm
☰	7 Star Bits T10, T15, T20, T25, T27, T30, T40
☰	7 Star Tamperproof Bits T10, T15, T20, T25, T27, T30, T40
☰	1 1/4" Flexible Bit Screwdriver
☰	1 1/4" Magnetic Bit Screwdriver
☰	1 Voltage Tester Screwdriver
☰	1 1/4" Magnetic Bit Holder

90° ANGLE DRIVER TOOL



FTGC0808
1/4" Hex Drive
Metal Gearing 1:1 ratio

MAGNETIC BIT HOLDER



FTBA0824

EXTRA LONG SUPER GRIP SET 3 PC



ITEM	CONTENTS
GAAE0306	☰ 2 Slotted 5.5, 6.5 x 400mm ☰ 1 Phillips PH2 x 400

SCREWDRIVERS & BITS

VDE 1000V INSULATED SET 7 PC



ITEM	STYLE
GAAE0704	3 ☰ Slotted 4x100, 5.5x125, 6.5x150 3 ☰ Phillips PH1x100, PH2x100, PH3x150 1 Voltage Tester GS/CE approved x 140 Long

PRECISION SET 8 PC



ITEM	CONTENTS
GAAW0803	☰ 3 Slotted 1.5, 2, 3 x 50mm ☰ 3 Phillips PH0, PH00, PH000 x 50 ☰ 2 Star T15, T20 x 50

HIGH TORQUE PISTOL GRIP RATCHET SCREWDRIVER, BIT & SOCKET SET 54 PC



ITEM	CONTENTS
GAAI5401	12 x BAEA 6 PT Sockets x 25mm 6 x FSBA PH Bits 4 x FSCA PZ Bits 6 x FSCA Slotted Bits 7 x FSDA Hex Bits 7 x FSEA Star Bits 7 x FSGA Tamperproof Bits 2 x Square Bits 1 x 1/4"SQ x 1/4"HEX Socket Adaptor 1 x Magnetic Power Bit Holder 1 x Pistol Grip Ratchet Screwdriver

3/8" & 1/2" DRIVE BIT SET 40 PC



GAAD4002

CONTENTS

- All 10mm Hex Shank
- 5 30mm long Spline Insert Bits M5, M6, M8, M10, M12
- 5 75mm long Spline Insert Bits M5, M6, M8, M10, M12
- 7 30mm long Hex Insert Bits 4, 5, 6, 7, 8, 10, 12mm
- 7 75mm long Hex Insert Bits 4, 5, 6, 7, 8, 10, 12mm
- 7 30mm long Star Insert Bits T20, T25, T30, T40, T45, T50, T55
- 7 75mm long Star Insert Bits T20, T25, T30, T40, T45, T50, T55
- 1 3/8" Quick Change Bit Holder
- 1 1/2" Quick Change Bit Holder

QUICK CHANGE BIT HOLDERS



ITEM	CONTENTS
FTAB0808	1/4" Dr x 1/4" Hex Shank
FTAB1212	3/8" Dr x 10mm Hex Shank
FTAB1612	1/2" Dr x 10mm Hex Shank

10MM HEX SHANK HEXAGON INSERT BITS



HEX 30mm	SIZE mm	HEX 75mm
FSDA1204	4	FSDB1204
FSDA1205	5	FSDB1205
FSDA1206	6	FSDB1206
FSDA1207	7	FSDB1207
FSDA1208	8	FSDB1208
FSDA1210	10	FSDB1210
FSDA1212	12	FSDB1212

SPLINE 30mm	SIZE mm	SPLINE 75mm
FSFA1205	5	FSFB1205
FSFA1206	6	FSFB1206
FSFA1208	8	FSFB1208
FSFA1210	10	FSFB1210
FSFA1212	12	FSFB1212

STAR 30mm	SIZE	STAR 75mm
FSEA1220	T20	FSEB1220
FSEA1225	T25	FSEB1225
FSEA1227	T27	FSEB1227
FSEA1230	T30	FSEB1230
FSEA1240	T40	FSEB1240
FSEA1245	T45	FSEB1245
FSEA1247	T47	
FSEA1250	T50	FSEB1250
FSEA1255	T55	FSEB1255
FSEA1260	T60	

MAGNETIC REVERSIBLE RATCHET DRIVER



ITEM	SIZE
FTEA0806	1/4"H x 55 x 185mm

QC MAGNETIC BIT HOLDER



ITEM	SIZE
FTGB0807	1/4"H x 1/4"M

POWER BIT ADAPTORS SET 3 PC



ITEM	CONTENTS
GAAR0301	1/4", 3/8" & 1/2" Square Drive with Ball Retainer 1/4" Hex fitting

MINI RATCHET BIT SET 31 PC



CHDV0801

1/4" HEX BITS

ITEM	CONTENTS
GABW3103	<ul style="list-style-type: none"> 3 Slotted 4, 5.5, 6.5 3 Phillips PH1, PH2, PH3 3 Pozi PZ1, PZ2, PZ3 4 Hex Bits 3, 4, 5, 6mm 7 Hex Star T10 - T40 7 Hex Star Tamperproof T10 - T40 2 Square SQ1, SQ2 1 1/4"H x 1/4"Dr Socket Adaptor 1 60T Mini Ratchet Handle

SCREWDRIVER BIT SET 31 PC



1/4" HEX BITS

ITEM	CONTENTS
GABW3102	<ul style="list-style-type: none"> 3 Slotted 4, 5.5, 6.5 4 Phillips PH1, 2xPH2, PH3 3 Pozi PZ1, PZ2, PZ3 4 Hex Bits 3, 4, 5, 6mm 7 Hex Star T10 - T40 7 Hex Star Tamperproof T10 - T40 2 Square SQ1, SQ2 1 FTGB0807 Bit Holder

SCREWDRIVER BIT SET 31 PC



ITEM	CONTENTS
GAAW3101	<ul style="list-style-type: none"> 6 PH0, 2xPH1, 2xPH2, PH3 6 PZ0, 2xPZ1, 2xPZ2, PZ3 4, 5.5, 6.5mm 4 3, 4, 5, 6mm 11 T6, T7, T8, T9, T10, T15, T20, T25, T27, T30, T40 1 1/4" Magnetic Power Bit Holder

DIAGONAL CUT PLIER HD 8"



DEAC2208B

COMBINATION PLIER 8"



DBAB2208B

LONG NOSE PLIER 8"



DFAB2208B

HEAVY DUTY STYLE



DCBD1307 ⌘

Ball Bearing Grade Steel Tips

STRAIGHT EXTERNAL RING PLIER 7"



DCAB1207 ⌘
DCBB1307(HD)

90° EXTERNAL RING PLIER 7"



DCAA1207 ⌘
DCBA1307(HD)

STRAIGHT INTERNAL RING PLIER 7"



DCAD1207 ⌘
DCBD1307(HD)

90° INTERNAL RING PLIER 7"



DCAC1207 ⌘
DCBC1307(HD)

(items in set denoted ⌘)

7" RING PLIER SET 4 PC



GPAQ0401 (BLACK HANDLE)
GPAQ0402(HD) (RED HANDLE)

WATERPUMP PLIERS



Push-lock design

ITEM	SIZE
DDAG1207	7"
DDAG1210	10"
DDAG1212	12"

GROOVE JOINT PLIERS 10"



ITEM	SIZE
DDAA1210	10"
DDAA1212	12"
DDAA1216	16"

COMFORT GRIP PLIERS

END NIPPERS HD 8"



DJBA2208

DIAGONAL CUT PLIERS



DEBB2206B 6"
DEBC2207 7"
DEBC2208 8" ⌘

COMBINATION PLIERS



DBBB2207 7"
DBBB2208 8" ⌘

LONG NOSE PLIER 8"



DFBB2208 ⌘

BENT NOSE PLIER 8"



DFBA2208

BOX JOINT PLIER 10"



DDBA2210

COMFORT GRIP PLIER SET 3 PC



Includes 8" Pliers:
DBBB2208
Linesman
DEBC2208
Diagonal
DFBB2208
Long Nose
GAAE0307

PLIER SET 3 PC – 1000V



Includes 8" Pliers
VDE insulated:
Linesman
Diagonal
Long Nose

GAEE0308

PLIERS

WELDING CLAMP



ITEM	SIZE
DAAT1A09	9"

LONG NOSE LOCKING PLIER WITH WIRE CUTTER



ITEM	SIZE
DAAS1A06	6"
DAAS1A09	9"

STRAIGHT JAW LOCKING PLIER



ITEM	SIZE
DAAR1A07	7"
DAAR1A10	10"

SHEET METAL LOCKING PLIER



ITEM	SIZE
DAAV1A08	8"

CURVED X JAW LOCKING PLIER



ITEM	SIZE
DAAY1A10	10"

CURVED JAW LOCKING PLIER



ITEM	SIZE
DAAQ1A05	5"
DAAQ1A07	7"
DAAQ1A10	10"

C CLAMP LOCKING PLIER WITH SWIVEL PAD



ITEM	SIZE
DMAA1A06	6"
DMAA1A11	11"



ITEM	SIZE
DMAA1A18	18"

C CLAMP LOCKING PLIER WITH STANDARD TIP



ITEM	SIZE
DAAU1A06	6"
DAAU1A11	11"

LONG REACH HOSE GRIPPER PLIERS 11"



ITEM	SIZE
DFAD1211	5/16"

LONG REACH PLIERS 11"



ITEM	SIZE
DFAI1211	90 degrees
DFAH1211	45 degrees
DFAG1211	Straight

LOCKING CHAIN CLAMP



ITEM	SIZE
DMAB1A18	18"

EXTENSION CHAIN



DLCC1A18

refer AUTOMOTIVE section for RADIATOR HOSE & LOCK RING PLIERS
refer TOOL STORAGE for PLIER KIT INSERT BOXES

PARROT NOSE LOCKING PLIER WITH SAWTEETH



ITEM	SIZE
DMAD1A09	9"

- Strong sawteeth jaw
- Ideal for clamping plumbing fittings
- Chr - Mo Alloy Steel with Nickel plated finish

CLAW GRIP LOCKING PLIER



ITEM	SIZE
DMAE1A06	6"

- Powerful non-slip grip
- Ideal for hard to reach areas
- Chr - Mo Alloy Steel with Nickel plated finish

DEEP THROAT CLAW GRIP LOCKING PLIER



ITEM	SIZE
DMAF1A06	6"

STRIKING TOOLS

HAMMERS

ENGINEERS HAMMER



ITEM	SIZE
HAAA0330	300g x 300mm

BALL PEIN HAMMER



ITEM	SIZE
HAAC0830	8oz x 300mm
HAAC1635	16oz x 350mm
HAAC2440	24oz x 395mm
HAAC3240	32oz x 400mm
HAAC4042	40oz x 400mm

SOFT FACE HAMMER



ITEM	SIZE
HAAF3530	35mm Head x 300mm
HLAA3501	Replacement Head PU (Yellow)
HLAA3502	Replacement Head Nylon (White)

CLAW HAMMER



ITEM	SIZE
HABD2034	20oz x 335mm

CLUB HAMMER



ITEM	SIZE
HAAE2527	2.5lb x 270mm

DEAD BLOW HAMMER



ITEM	SIZE
HAAB1038	18oz x 290mm
HAAB1546	27oz x 310mm
HAAB2050	36oz x 340mm

CHISEL PUNCH SET 5 PC



GAAV0501

ITEM	SIZE
PIN PUNCH	4 x 9.5 x 150mm
CAPE CHISEL	5 x 9.5 x 130mm
COLD CHISEL	12 x 9.5 x 130mm
TAPER PUNCH	3 x 9.5 x 120mm
CENTRE PUNCH	#2 x 9.5 x 120mm

PIN PUNCH SET 6 PC



- Chrome Molybdenum Steel
- Heat Treated for Toughness & Durability
- Chrome Plated Finish

ITEM	SIZE
GAAV0601	8 x 12.7 x 180mm
	6 x 12.7 x 180mm
	5 x 9.5 x 165mm
	4 x 9.5 x 150mm
	3 x 8.0 x 125mm
	2 x 8.0 x 115mm

PANELBEATING HAMMERS



refer to AUTOMOTIVE Section on page 81

NUMBER PUNCH SETS



ITEM	SIZE
NGAW0903	3mm high x 6.35mm square
NGAW0906	6mm high x 9.52mm square

CHISELS

RIBBED FLAT CHISELS



Ribbed Flat Chisels

ITEM	SIZE
HCAA3430	34 x 300mm
HCAA2925	29 x 250mm
HCAA2620	26 x 200mm
HCAA2115	21 x 150mm
HCAA1813	18 x 125mm

RIBBED FLAT CHISEL SET 5 PC



GPAQ0504

5 Pieces HCAA Chisels

LETTER PUNCH SETS



ITEM	SIZE
NGAW2703	3mm high x 6.35mm square
NGAW2706	6mm high x 9.52mm square

CHISELS & PUNCHES

PIN PUNCH



ITEM	SIZE OCTAGONAL SHANK
HBAA0212	2 x 120 x 8mm
HBAA0313	3 x 130 x 8mm
HBAA0415	4 x 150 x 9.5mm
HBAA0516	5 x 160 x 9.5mm
HBAA0618	6 x 180 x 12.5mm
HBAA0820	8 x 200 x 12.5mm

TAPER PUNCH



ITEM	SIZE OCTAGONAL SHANK
HBAB0414	4 x 140 x 9.5mm
HBAB0616	6 x 160 x 9.5mm

CENTRE PUNCH



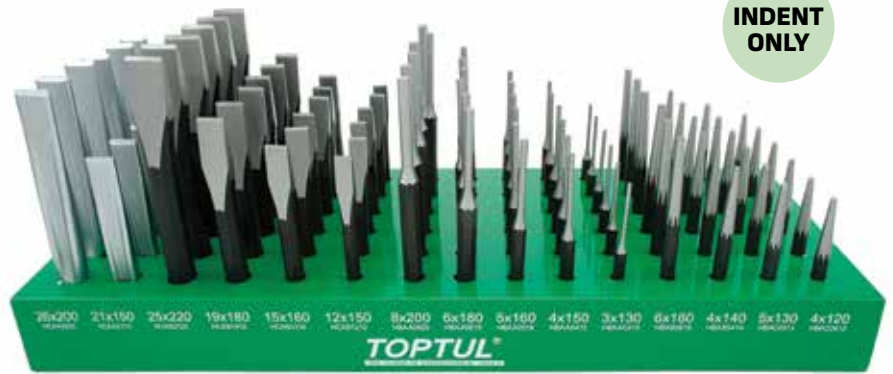
ITEM	SIZE OCTAGONAL SHANK
HBAC0412	4 x 120 x 9.5mm
HBAC0513	5 x 130 x 9.5mm

FLAT CHISEL



ITEM	SIZE OCTAGONAL SHANK
HCAB1215	12 x 150 x 9.5mm
HCAB1516	15 x 160 x 12.5mm
HCAB1918	19 x 180 x 16mm
HCAB2522	25 x 220 x 19mm

PUNCH & CHISEL DISPLAY STAND 90 PC



Includes TDAK6006 Metal Display

GAAY0009

SOFT GRIP CHISELS & PUNCHES

SOFT GRIP PIN PUNCH



ITEM	SIZE OCTAGONAL SHANK
HBBA0214	2 x 140 x 8mm
HBBA0315	3 x 150 x 8mm
HBBA0418	4 x 180 x 10mm
HBBA0520	5 x 200 x 10mm
HBBA0621	6 x 210 x 12mm
HBBA0822	8 x 220 x 12mm

SOFT GRIP TAPER PUNCH



ITEM	SIZE OCTAGONAL SHANK
HBBB0419	4 x 185 x 10mm
HBBB0519	5 x 185 x 10mm
HBBB0619	6 x 185 x 10mm

SOFT GRIP FLAT CHISEL



ITEM	SIZE OCTAGONAL SHANK
HCBB1015	10 x 150 x 8mm
HCBB1920	19 x 200 x 12mm
HCBB2522	25 x 220 x 15.8mm

HEAVY DUTY ADJUSTABLE CENTRE PUNCH



TDAK2619

Perspex Display for 24 Soft Grip Chisels & Punches (excluded)



HBBF0155

- Replaceable pin made from high tensile S2 tool steel
- Spring driven action & hard steel awl tip for easier punching
- Adjustable impact straight
- Punching force: min 50N (13.5 lbs) max 140N (31.5 lbs)

AUTOMOTIVE TOOLS

AUTOMOTIVE UNDERBODY TOOLS

CV BOOT CLAMPS PLIERS FOR EARLESS TYPE CLAMPS



ITEM	JAW SIZE
JEAE0209	11mm x 240 long

BALL JOINT SEPARATORS UNIVERSAL TYPE



ITEM	JAW SIZE
JEAB0505	22 - 50mm x 100 long

FORK TYPE



- Tempered Drop Forged Steel
- One Piece Construction
- Robust Fork with Long Stem

ITEM	OPENING	LENGTH
JEAB0330	24mm	300mm
JEAB0440	18mm	400mm

COIL SPRING COMPRESSION SET 2 PC



- Black Phosphate Finish
- Drop Forged Cr-Mo Jaws & Screws

ITEM	JAW OPENING
JEAC0137	370mm

HUB NUT DEEP IMPACT SOCKET SET 1/2" DR 3 PC



ITEM	CONTENTS
GDAI0303	30, 32, 36mm

SLIDE HAMMER PULLER SET 18 PC



JGAI1303

- For removal flange type rear axles, oil seals, bearings & press fit parts
- Includes: 1 bar, hammer, axle pullers (2), cone, jaw head (2) plus 11 fittings

UNIVERSAL CALIPER DISC BRAKE WIND BACK TOOL KIT 18 PC



JGAI1801

AUTOMOTIVE ENGINE TOOLS

PISTON RING COMPRESSOR



ITEM	CAPACITY
JAAA1303	53 - 125mm

OIL FILTER LOCKING PLIER 10"



- Cr-V Alloy Steel
- Nickel Plated Finish
- Heat Treated & Machined
- Jaw Opening Range 53 - 118mm

DMAC1A10

DOUBLE CHAIN WRENCH



Tempered & Hardened Chain
Ratchet Style Action
Flexible Handle for Narrow Access

ITEM	CAPACITY
JDBA60A5	60-105mm x 225 long Chain Length 350mm

LOCK RING PLIERS



to Spread Snap Rings
Outside of Jaw Scored for Grip

ITEM	SIZE
JDAP0109	215mm x 25mm Spread

FLEXIBLE HOSE CLAMP PLIERS



JDAM0163

- For replacement of fuel oil and water hose
- Hose clamp and flexible 630mm wire
- Ideal for concealed areas

OIL FILTER WRENCH - 3 LEGGED



JDAI65A2

- For Filters 65 - 120mm

OIL FILTER WRENCH



Strong Non-Slip Nylon Strap
Use with 1/2" Square Dr Tool

ITEM	CAPACITY
JDAV1615	Max 152mm

OIL FILTER WRENCH - 2 WAY



JDAA0808

- For Filters 66 - 94mm

OIL FILTER WRENCH SET 14 PCE

JGAI1401
(image similar to JGAI1601)

with 13 Cup type Wrenches
& 1/2" F x 3/8" M Adaptor

OIL FILTER WRENCH SET 16 PCE



JGAI1601

with 14 Cup type Wrenches,
1x 3 Legged Oil Filter Tool,
& 1/2" F x 3/8" M Adaptor

HOSE CLAMP PLIERS



ITEM	SIZE
JDAM039C	235mm Bent 45°
JDAM028E	215mm Straight



JDAM039C



JDAM028E

with Fingertip "position lock" for easy replacement of Lower Radiator Hose

AUTOMOTIVE ENGINE TOOLS

SENSOR & SENDING UNIT SOCKET SET 7 PC



JGAI0701

JGAI0701 CONTENTS				
ITEM		DRIVE	SIZE	LENGTH
JDAS0129	Oil Pressure Sending Unit Socket	1/2"	1 3/16"	90
JGAQ0122	Universal Vacuum Valve Oxygen Sensor Socket	3/8"	7/8"	90
JDAQ1627	GM Thermal Sensor Switch Socket	1/2"	1 1/16"	78
JDAQ0222	Oxygen Sensor Socket	3/8"	7/8"	80
JDAS0227	Oil Pressure Sending Unit Socket	3/8"	1 1/16"	74
JDAR0122	Heated Oxygen Sensor Socket	1/2"	7/8"	50
JDAR0222	Low Profile Offset Oxygen Sensor Socket	3/8"	7/8"	30

OXYGEN SENSOR SOCKETS



JDAR1222

- 3/8" Drive Low Profile
- 22 x 30mm

ENGINE CYLINDER HONE



JDBE0718

ITEM	CAPACITY	LENGTH
JDBE0718	2"- 7"	300mm

Includes 100mm x 180 grit stone



JDAQ1627

- 1/2" Drive
- 27 x 78mm

ALTERNATOR PULLEY REMOVER KIT 13 PC



JDAQ0122

- 3/8" Drive Vacuum Switch Socket
- 22 x 90mm



JGAI1301

AUTOMOTIVE BODY TOOLS

RADIATOR HOSE REMOVER



JJAK0201

DOOR UPHOLSTERY REMOVER



with 9mm Opening

JJAE0812

DOOR UPHOLSTERY REMOVER



with 9mm Opening

JJAE1011

MINIATURE HOOK & PICK SET



ITEM	CONTENTS
GAAR0401	Mini Awl Mini Hook Mini 45° Bent Tip Mini 90° Bent Tip

PLASTIC HANDY REMOVER SET 5 PC



ITEM	CONTENTS
JGAS0501	Wide Type 60 x 160mm Upholstery Clip 20 x 210mm Narrow Type 20 x 180mm Handy Remover 30 x 200mm Pull Type 30 x 180mm

PLASTIC HANDY REMOVER SET 6 PC



for Plastic Upholstery Fasteners

ITEM	CONTENTS
JGAS0601	Angled Clip Panel Remover 30 x 200mm Flat Clip Panel Remover 30 x 200mm Panel Remover 24 x 200mm Sharp Panel Remover 24 x 200mm Straight Panel Remover 17 x 200mm Clip Panel Remover 37 x 200mm

AUTOMOTIVE BODY CLAMPS

UNIVERSAL TERMINAL RELEASE TOOLSET 23 PC



JGAI2301

Release terminal from plastic connections to most terminal blocks and wires for most makes of vehicle.

FEATURES

All Clamps Drop Forged Chrome Molybdenum Alloy
One Way or Two Way as noted

SMALL MOUTH PULL CLAMP



JFDC0105

Straight Way Pull 5ton

2 WAY BOX



JFDB0203

Straight Way Pull 3ton
Cross Way Pull 2ton

REPLACEMENT BOLTS

JLALO101 FOR JFDE
JLALO201 FOR JFDF
JLALO301 FOR JFDB
JLALO401 FOR JFDC

2 WAY FRAME RACK



JFDE0205

Straight Way Pull 5ton
Cross Way Pull 3ton

2 WAY MINI CLAMP



JFDF0203

Straight Way Pull 3ton
Cross Way Pull 2ton

AUTOBODY REPAIR TOOL SET 7 PC

ITEM	CONTENTS
GAAI0702	JFAB0233 Light Shrinking Hammer JFAA0133 Standard Bumping Hammer JFAC0333 Pick & Finishing Hammer JFBIO113 Curved Dolly JFBG0112 Toe Dolly JFBJ0108 Heel Dolly JFBH0107 Utility Dolly



- Heavy Duty Industrial Quality
- Drop Forged, Heat Treated Dollies
- Drop Forged Steel Hammer Heads
- Hammer Handles Selected Hickory

AUTOMOTIVE BODY HAMMERS

STANDARD BUMPING HAMMER



with Flat Face

ITEM	SIZE
JFAA0133	Ø40 x 38mm square

LIGHT BUMPING HAMMER



with Flat Face

ITEM	SIZE
JFAA0333	Ø30 x 27.5mm square

HEAVY SHRINKING HAMMER



with Shrill Milled Square Face

ITEM	SIZE
JFAB0133	Ø40 x 38mm square

LIGHT SHRINKING HAMMER



with Milled Square Face

ITEM	SIZE
JFAB0233	Ø40 x 38mm square

STRAIGHT PEIN & FINISHING HAMMER



with Crowned Face

ITEM	SIZE
JFAC0133	Ø40mm

CURVED PEIN & FINISHING HAMMER



with Crowned Face

ITEM	SIZE
JFAC0233	Ø40mm

PICK & FINISHING HAMMER



with Crowned Face

ITEM	SIZE
JFAC0333	Ø40mm

SELFLOCKING MULTI-GRIP PLIERS



DMAI1A08

WIDE FLAT JAWS

- Clamps lap joints allowing four spot welding



DMAK1A09

WIDE CURVED JAWS

- Clamps to butt or adjacent joints



DMAM1A08

STRAIGHT JAWS

- For work in narrow areas



DMAJ1A09

DOUBLE CURVED JAWS

- Clamps two flanged adjacent joints



DMAL1A09

ANGLE JAWS

- Clamps two flanged lap joints



DMAH1A10

PLUNWELD PLIERS

- With copper pad

AUTOMOTIVE BODY TOOLS

UTILITY DOLLY



JFBH0107

CURVED DOLLY



JFBI0113

TOE DOLLY



JFBG0112

THIN TOE DOLLY



JFBG0212

DOUBLE END HAND DOLLY



JFBD0208

DOUBLE END ROUND DOLLY



JFBD0106

ROUND PEEN END DOLLY



JFBC0113

ANGLE DOLLY



JFBF0111

ANVIL DOLLY



JFBB0110

SHRINKING DOLLY



JFBG0412

GRID DOLLY



JFBG0312

HEEL DOLLY



JFBJ0108

LIGHT DINGING SPOON



JFCA0127 48 X 58 X 250MM

DRIP MOULDING SPOON



JFCD0124 49 X 70 X 235MM

DOUBLE BLADE SPOON



JFCC0140 58 X 172 X 400 MM

FLAT SPOON



JFCB0229 51 X 68 X 286MM

DOUBLE BLADE SPOON



JFCC0251 59 X 179 X 510MM

AUTOMOTIVE GENERAL TOOLS



JGAI1002

DOUBLE FLARING TOOL & TUBE CUTTER SET

- Double flare tubing tool for high pressure application in automotive, air conditioning etc.
- Single or double flares soft metal tubing such as cooper, aluminium and brass
- Screw-type 45° flaring press
- Tube cutter capacity: 1/8" to 1-1/8"
- Flaring bar & adapter sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", & 5/8"
- Flaring adaptors:
 JLBNO106 3/16"
 JLBNO108 1/4"
 JLBNO110 5/16"

MAGNETIC CAR FENDER COVER



JJAQ1106 1070 X 600MM

- Avoids Paintwork Damage
- 8 Powerful Magnets
- 4 Tool Pockets
- Holds up to 1.5kg

PLASTIC CREEPER



JCM-0300

- Rigid Molded One-piece Construction
- Shaped Arm Areas to Optimise Access
- Padded Head Support
- Two Built in Tool Trays
- Six x 75mm Swivel Castor Wheels
- Carry Handle
- Max Load 135kg
- 1020 x 480 x 115mm

GEAR PULLER - 3 JAW



- Parallel Pull - 3 Point Grip
- Forged Steel Jaws & Arms
- Hardened Steel Centre Bolt

ITEM	SIZE
JJAL0304	4"
JJAL0306	6"

MECHANIC'S ROLLER SEAT



JCA-350B

- Powder Coated Steel Frame
- Removable Seat Cushion 350 x 200mm
- Large Tool Storage Area
- Max Load 120kg

**AUTO ELECTRICAL
DIGITAL MULTIMETER**



EAAB0260E

- AC / DC Voltage: up to 600V
- Resistance: 200Ω to 20MΩ
- AC / DC Current : 200μA to 10A
- Battery Required: 2 x 1.5V AAA
- Testing Standard: IEC 61010

NON-CONTACT VOLTAGE TESTER



FAJC0816

- 80- 1000V AC (50-60Hz)
- Powered by 2xAAA batteries (not included)

AUTOMOTIVE CIRCUIT TESTER



JJDC0148

- 3-48 VDC

MULTIFUNCTIONAL PLIER 8"



DFBG2208

- Stripping, crimping copper wire cutting
- Smooth surface near tips
- Serrated gripping surface
- Pipe grip
- Safety lock
- Spring loaded, self opening

WIRE STRIPPER



DICA1306

Strips wire only
Wire from 0.2 - 6.0 mm² (24-10 AWG)

GAS SOLDERING IRON SET 8PCE

- Includes:
4 Tips & Solder Wire
- Power Specifications:
- 30 - 150 W
 - Tip temp: 400 - 450°C
 - Hot blower temp: 600°C
 - Excludes butane gas

EGAE0801



**HEAVY DUTY SELF ADJUSTING
WIRE STRIPPER**



DKAA2226

- Strips wire & Crimps terminals
- Strip and cut wire from 0.2 - 6.0 mm²
 - Crimp 0.5-6 mm²
 - Crimp 7-8mm ignition terminals
 - A micro adjustable knob for adjusting strip wire from 0.05 mm² (30 AWG) up to 8 mm² (8 AWG)
 - Spring-loaded return for quick repetitive opening

**2-IN-1 QUICK INTERCHANGABLE
RATCHET CRIMPING PLIERS**

- Insulated Terminal
- AWG 22-18/16-14/12-10
 - 0.5-1.0/1.5-2.5/4.0-6.0mm²
- Un-insulated Terminal
- AWG 20-18/16-14/12-10/8
 - 1.5/2.5/6.0/10.0mm



DKCA2222

CRIMPING TOOL KIT 6 PCS



GAAI0605

ITEM	CONTENTS
GAAI0605	Quick Change Ratchet Crimper Insulated Terminal Jaw Non Insulated Terminal Jaw Open Barrel Jaw Insulated Cord End Jaw - Small Insulated Cord End Jaw - Large
DLAA0601	Replacement Jaw A for GAAI0605 & GAAI0704
DLAA0602	Replacement Jaw C for GAAI0605 & GAAI0704

RATCHET CRIMPING TOOL KIT 7 PCS



GAAI0704

- with 6 quick change Jaws
- Alloy Socket jaws
- Unique integrated lock / release mechanism
- Ergonomic Comfort Grip Handle

OTHER TOOLS

RIVETERS

INDUSTRIAL LEVER RIVETER



- 4 Interchangeable Nosepieces
- for Steel, SS, Aluminium, Copper Rivets
- 450mm Long
- Long Handle for Extra Leverage

ITEM	RIVET DIAMETER
JBAB3264	3.2, 4.0, 4.8, 6.4mm

INDUSTRIAL SCISSOR ACTION RIVETER



- 4 Interchangeable Nosepieces
- Rugged All Steel Construction
- Extended Length 310 - 835mm
- Single Pull Action for Repetitive Applications

ITEM	RIVET DIAMETER
JBAD2448	2.4, 3.2, 4.0, 4.8mm

HAND RIVETER



- 4 Interchangeable Nosepieces
- Extended Riveter Nose
- Cushion Grip Handle
- Heavy Duty

ITEM	RIVET DIAMETER
JBAA2448	2.4, 3.2, 4.0, 4.8mm

HAND RIVETER



- 4 Interchangeable Nosepieces
- Extended Riveter Nose
- Spring Loaded Handle
- 360° Rotating Head

ITEM	RIVET DIAMETER
JBAC2448	2.4, 3.2, 4.0, 4.8mm

RIVETER PARTS			
	JBAA	JBAB	JBAC/D
JAW PUSHER	JLAG0106	JLAG0207	JLAG0302
JAW	JLAG0107	JLAG0205	JLAG0301
NOSE PIECES (SET OF 4)	JBAANOSE	JBABNOSE	JBACNOSE JBADNOSE

VICES

UNBREAKABLE CAST STEEL VICES



ITEM	SIZE
DJAC0103	3"
DJAC0104	4"
DJAC0105	5"
DJAC0106	6"
DJAC0108	8"
DJAC0110	10"

- 360° Rotating Base
- with Anvil, Pipe Jaw & Forming Horn

FILE SET 200MM 5 PC



ITEM	CONTENTS
GPAQ0503	Half Round, Round, Square, Flat & Triangle (SDB_series)

PRY BARS

MECHANICS PRY BAR SET 4 PC



ITEM	CONTENTS
JGAT0402	200, 300, 450, 600mm

NEEDLE FILE SET 6 PC



φ 4mm x 160mm
75mm Cutting Surface
Precision Machined

ITEM	CONTENTS
GNBA0601	Knife, Half Round, Round, Square, Flat & Triangle

DIAMOND NEEDLE FILE SET 5 PC



φ 4mm x 160mm
65mm Cutting Surface 150 Grit

ITEM	CONTENTS
GNBA0501	Half Round, Round, Square, Flat & Triangle

INDIVIDUAL FILES



SDBA0808	Square file 8"
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SDBB0821	Flat File 8"
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SDBC0821	Half Round File 8"
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SDBD0808	Round File 8"
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SDBE0815	Triangle File 8"
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CUTTING TOOLS

HEAVY DUTY HACKSAW 12"



SAAA3013

- Easy Tension Adjustment
- 45° & 90° Blade Cutting Angle
- Shatterproof Premium Quality Blade

AVIATION TIN SNIPS



- Exceeds ANSI/ASME & DIN
- Cuts up to 1.2mm Steel & 0.7mm Stainless

ITEM	DESCRIPTION
(TOP TO BOTTOM)	
SBAC0225	GREEN Right Cut
SBAC0325	YELLOW Straight
SBAC0125	RED Left Cut

TELESCOPIC PIPE CUTTER



- For Copper and Light Alloys
- Built-in Retractable Reamer Zinc Alloy Body
- Hardened Bearing Steel Cutting Wheel
- Large Adjustment Knurled Knob

ITEM	CUTTING CAPACITY
SEAA0332	3-32mm

HEAVY DUTY WIRE CUTTER



SBAF0804

- Chrome Vanadium Steel
- Induction Hardened Cutting Edge
- Self Opening Spring

CUTS
4 mm SOFT WIRE
3 mm HARD WIRE
2 mm STEEL WIRE

MULTI PURPOSE ELECTRICIANS SCISSORS



SBAA0414

BOLT CUTTER



- High Tensile Strength

ITEM	CUT CAPACITY DIAMETER	
	SOFT	MEDIUM
SBCB1407 14"	7mm	5mm
SBCB1808 18"	8mm	6mm
SBCB2410 24"	10mm	8mm
SBCB3013 30"	13mm	8mm
SBCB3616 36"	16mm	11mm
SBCB4218 42"	19mm	13mm

REPLACEMENT JAWS	
SLAA2410	24"
SLAA3013	30"
SLAA3615	36"
SLAA4219	42"

CABLE CUTTERS



ITEM	SIZE	MAX CUTTING CAPACITY
DNAC1218 18"	18"	21mm
DNAC1223 23"	23"	32mm



INSPECTION MIRROR - TELESCOPING



JJAM0242

- Extends from 283 - 420mm
- Ø57mm

MAGNETIC FLEXIBLE HANDLE



JJAD1423

- Magnetic Capacity 1.6kg
- Overall Length 585mm

MAGNETIC PICK UP TOOL - TELESCOPING



JJAG3E63

- Extends from 130 - 640mm
- Lifting Capacity 1.6kg

MAGNETIC TRAYS



ITEM	DESCRIPTION
JJAF1506	Ø150 X 42MM
JJAF2414	240 X 140 X 42MM

SCREW EXTRACTOR SET 5 PC



JGAW0501

CONTENTS
1/8", 1/4", 5/16", 7/16", 9/16"

TAP & DIE SET 40 PC



JGAI4001

CONTENTS
34 x Taps & Dies, High Carbon Alloy Steel (SK3)
M3x0.5, M3x0.6, M4x0.7,
M4x0.75, M5x0.8, M5x0.9,
M6x0.75, M6x1.0, M7x0.75,
M7x1.0, M8x1.0, M8x1.25,
M10x1.25, M10x1.5, M12x1.25,
M12x1.5, 1/8 NPT-27
1 Die Stock Handle
1 Tap Wrench
1 T Type Tap Wrench
1 Slotted Screwdriver
1 Screw Pitch Gauge
1 Blow Mold Case

SPOT WELD DRILL BIT



- for Removal of Spot Welds
- Self Centring Titanium Coated Tip
- 8% Cobalt High Speed Steel

ITEM	SIZE
JJAX0817	8mm x 17 x 45mm overall
JJAX0821	8mm x 21 x 80mm overall

FEELER GAUGE 26 PC



ICBA1026

- 26 Blades .0015" - .025"
- Dual Marked Imperial & Metric
- Hardened Spring Steel blade



IACC1150

DIGITAL VERNIER CALIPER

- Made from hardened Stainless steel.
- Measures in mm or inch.
- Large easy to read large display.
- Measures 0 - 150mm.



DEVILBISS

For over a century DeVilbiss has led the world in the development of advanced atomisation especially in the field of automotive refinishing. This has been taken to a new level of performance for automotive refinishers with Intelligent Atomisation

DV1 GRAVITY GUN FOR BASE COATS

HIGH PERFORMANCE PROFESSIONAL SPRAY GUNS

- The DV1 air caps, with advanced internal geometry, result in a perfectly balanced, consistent spray pattern for a perfect finish.
- Reduced air pressure resulting in improved spray pattern control, atomisation consistency and improved transfer efficiency.
- A new combined air inlet and air control valve with 12 x higher precision sensitivity for smoother air control.
- Consistently achieves a narrow colour window for the closest colour matching.
- New advanced fluid tip design reduces turbulence, minimising mottling/clouding.
- Less noise for your comfort, especially for the longer project.

DV1



SPRAYGUN MODEL	Fluid tip HVLP+	Fluid tip HVLP
DV1 1.1mm TIP	-11-	-11-
DV1 1.2mm TIP	DV1-C-000-12-B+	DV1-C-000-12-B
DV1 1.3mm TIP	-13-	-13-
DV1 FOR CLEARS	DV1-C-000-12-C1+	
	-13-	

REFER TO PAINT MANUFACTURERS FOR CORRECT SET UPS



SPECIFICATION

	DV1 B+ 'HVLP PLUS' AIR CAP	DV1 B 'HVLP' AIR CAP	DV1 C+ 'HVLP PLUS' AIR CAP FOR CLEARS
AIR INLET PRESSURE	2.0 bar (29psi)	2.0 bar (29psi)	1.5 bar (22psi)
AIR CONSUMPTION	300 l/min (10.6 cfm)	395 l/min (13.9 cfm)	285 l/min (10.0 cfm)
SPRAY PATTERN	325mm @ 200mm target	330mm @ 200mm target	325mm @ 200mm target
FLUID FLOW	140 - 190 g/min	130 - 180 g/min	140 - 190 g/min

TECHNICAL DETAILS

AIR INLET THREAD	1/4" Universal
CUP CAPACITY	560 mls
WEIGHT (GUN ONLY)	470 gms

AIR CAP	Plated Brass
RETAINING RING	Black Anodised Aluminium
FLUID TIP & NEEDLE	Stainless Steel

ACCESSORIES

FOR DV1 BASE GUN	DESCRIPTION	FOR DV1 CLEAR GUN
704407	DV1 B HVLP air cap and retaining ring	
704408	DV1 B+ HVLP 'Plus' air cap and retaining ring	
	air cap & retaining ring C2+	704434
	air cap & retaining ring C2+	704435
704411	Fluid tip – size number 11	704441
704412	Fluid tip – size number 12	704442
704413	Fluid tip – size number 13	704443
704414	Fluid tip – size number 14	704444
704416	DV1 fluid needle	704416



DV1-C-000-12-C1+
DV1 FOR CLEAR COATS



AIR CAPS

World class atomisation is incorporated into the GTi Pro. There are now 5 air caps for both guns; T110 (Base and Clear coats); TE10 (Base Coats); TE20 (Clear Coats) TE25 and HV30 (HVLV).

PROLITE GRAVITY GUN & CUP

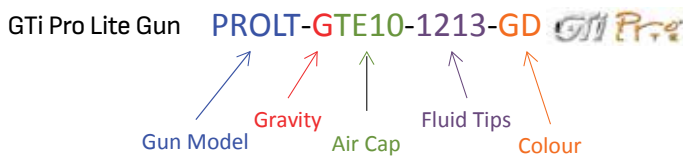
MODEL	SET UP	
905059	HV30	1.3mm
905063	Ti10	1.2mm
905064	Ti10	1.3mm
905065	Ti10	1.4mm
905068	TE10	1.2mm
905069	TE10	1.3mm
905070	TE10	1.4mm
905071	TE20	1.2mm
905072	TE20	1.3mm
905073	TE20	1.3mm



AIR CONSUMPTION

AIR CAP	AIR CONSUMPTION LPM
T110	265
TE10	270
TE20	360
TE25	350
HV30	460

PART NUMBER EXPLANATION ON PACKAGING



**DEVILBISS GPG
HIGH PERFORMANCE GRAVITY FEED PRIMER
SPRAY GUN & CUP**

Advanced Technology P1 Aircap. Air Consumption 340 litre/min
 Suitable for all primers including waterbase materials
 First class atomisation and material distribution
 New design air valve for smooth triggering control
 New ergonomic gun body with improved "fit & feel"
 Large spray patterns for fast and easy application
 Drop forged body with tough anodised finish

MODEL	SET UP	
905030	PR10	1.6mm
905031	PR10	1.8mm
905034	PR10	UV1+

ACCESSORIES

CODE	DESCRIPTION
PRIPRO-102-PR10-K	Aircap for PROLITE / GPG
PRIPRO-220-**-K	Fluid Tip Sizes 14, 16, 18 for PROLITE/ GPG
PRIPRO-310-K	Needle for GPG

ACCESSORIES

CODE	DESCRIPTION
GFC-501	Cup 560ml for most Gravity DeVilbiss guns
PRO-102-T110-K	Aircap Transtech
PRO-102-TE10-K	Aircap High Efficiency
PRO-102-TE20-K	Aircap High Efficiency
PRO-102-TE25-K	Aircap & Ring HVLP
PRO-102-HV30-K	Aircap & Ring HVLP
PRO-200-**-K	Fluid Tip sizes 12,13,14,16,18,20
PRO-300-K	Fluid Needle
PRO-301-K	Fluid Needle Pro Lite





DEVILBISS ADVANCE

New conventional spray gun range suitable in all industrial spray applications including wood, metal, plastic, ceramic, and composites; and with most types of solvent, waterborne, high solids and 2K materials. Available in **pressure, suction and gravity** formats with a range of aircaps for exceptional atomisation. Separate "balanced" air valve provides unrestricted air flow through the gun body. Contoured handle and lightweight design.



**ADV-GXXX-YY
GRAVITY FEED**

**ADV-PXXX-YY
PRESSURE FEED**

xxx denotes Aircap Number & Type
yy denotes Fluid Tip & Needle Size

AIRCAP CHART

CAP NUMBER & TYPE	AIR CONSUMPTION		INLET AIR PRESSURE		FLUID FLOW	FAN SIZE
	lpm	cfm	bar	psi	ml/min	mm
443 Conventional	345	12.3	3.0	45	200-300	300
470 Conventional	465	16.4	3.0	45	500-1800#	420#
497 Conventional	510	18.0	3.5	50	200-600	380
505 HVLP	385	13.6	1.3	19	130-190	270
510+ Trans Tech	283	10.0	2.0	29	160-220	270

Fluid Flow and Fan Size vary with material viscosity and pressure. Larger figures only apply with ceramic set ups#

TIP CHART

	yy	10	12	13	14	16	18	20	22	28
		1.0mm	1.2mm	1.3mm	1.4mm	1.6mm	1.8mm	2.0mm	2.2mm	2.8mm
443		P	P	PG	P	PGS	PGS	PGS	PS	
470									P	P
497		P	P	P	P	P	P	P	P	
505		P	P	PG	P	PGS	PGS	PGS	PG	
510+		P	P	PG	P	PGS	PGS	PGS	PG	

Hardened & Tungsten Carbide Tips available 1.4, 1.8, 2.2, 2.8mm

**ADV-PCDT-10
ADV-PCDT-12**

C-SPRAY GUN

NEW Cspray gun designed for the Marine market Unrivalled performance with the latest Critical Droplet atomisation Technology (CDT) air cap



ACCESSORIES

CODE	DESCRIPTION
ADV-310-**-K	Standard needle sizes 10-28 (P, S&G)
ADV-310N-**-K	Hardened needle sizes 14, 18, 22, 28
SP-100-**-K	Aircap & retaining ring
SP-200S-**-K	Fluid Tip sizes 10,11,12,13,14,16,18,20,22
SP-247S-**-K	Fluid Tip sizes 22, 28 pressure only
SP-200N-**-K	Hardened version size 18
SP-247N-**-K	Hardened version size 22, 28 pressure

DEVILBISS DV1S

COMPLIANT SMART / SPOT REPAIR GRAVITY FEED SPRAY GUN

- Smart repair application & performance
- Consistency & optimization in spraying the latest materials in the market
- Effortless atomisation from air cups that deliver superior performance
- Maximum comfort & ease of use
- Improved transfer efficiency

CODE	FEED SYSTEM	AIR CONSUMPTION
704532	1.0, 1.2mm	115 litre/min

ACCESSORIES

CODE	DESCRIPTION
704452	Air Cap & Retaining Ring
704457	Fluid Tip 1.0mm
704458	Fluid Tip 1.2mm
704459	Fluid Needle
SRI510	Cup for SRI / DV1S



DV1S

DIGI GAUGES



Perfectly positioned for easy checking
 Accurate digital "bar" readout of working pressure to within .05 bar (0.7psi)
 Fully ATEX approved - gun washer safe
 Air flow cheater valve adjusts the gauge
 Fitted in minutes - replaces the spreader valve

DGIPRO-504-BAR-K
 (For GTiPRO Lite only)

704426
 (for DV1 only)

KB-II REMOTE CUP 2.3 LITRE CAPACITY

- Aluminium
- Grip handle & belt hook
- Lid-mounted pressure gauge
- Air inlet / outlet
 1/4" BSPM
- Fluid outlet
 3/8" BSPM
- Max working pressure
 2.1 bar (30 psi)



KB-522

VISCOSITY CUP



7000-114-K2

Durable Nylon
 Easy to clean
 Precision metal drain out insert
 Number 4 Ford Cup

STAINLESS STEEL FLUID FILTER



VSA512

Stainless Steel
 3/8" BSP thread
 Includes 3 filter elements:
VSA-4-K5 112 micron
VSA-5-K5 280 micron

DESICCANT AIR DRYER



CT30
 up to 30cfm

Desiccant air dryer
 removes dirt, water &
 oil from compressed air

(DC-30 Replacement
 cartridge)

DESICCANT SNAKE



DS-20

Desiccant Snake
 up to 20cfm



QC3
 up to 16cfm

(130524 Replacement
 cartridge)

AIRLINE HOOD

Purpose designed to provide best possible protection for all kinds of spray painting applications
 The most comfortable and lightweight air-fed visor outfit
 Fully adjustable headband for best operator comfort
 Removable peak reduces spray booth light glare
 Lightweight, ergonomic waist belt design allows right or left side
 Wider peripheral view for excellent visibility
 Audible warning device, alerts operator to low air pressure
 Working pressure required 4-7bar (60-100psi)
 Air Consumptions 128-160lpm

ACCESSORIES

CODE	DESCRIPTION
PROV-36-K10	Peel off Visors pack of 10 for PROV650
PROV-22-K10	Peel off Visors pack of 10 for PROV600 [before 2018]
PROV-27-K	Filter element



PROV-650

OPTIONAL FILTRATION ASSEMBLY FOR USE WITH PROV650 AIR FED VISOR



PCR

PCCR

CODE	DESCRIPTION
PCR	1/2" 3 Piece Festo Filtration assembly 40 cfm / 1120 lpm As for PCCR but excludes carbon filter
PCCR	For use when a suitable carbon filter exists in the line 1/2" 4 Piece Festo Filtration assembly 32 cfm / 900 lpm Assembly includes: Prefilter 5 micron Coalescing filter 0.01 micron Active Carbon filter Regulator and Gauge Wall mount brackets

Hose required will depend on set up

DISPOSABLE FACE MASK



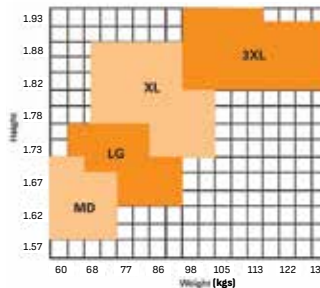
W3107
50 per pack

Reusable & Washable
COVERALL

1. FULL ZIPPER FRONT
2. ELASTIC WRIST CLOSURES
3. LIGHTWEIGHT, DURABLE NYLON FRONT
4. HOOK AND LOOP ANKLE CLOSURES
5. FULL PULLOVER HOOD
6. BREATHABLE, COOL COTTON BACK
7. ELASTIC WAIST
8. FRONT AND REAR POCKETS



- 803596 – MEDIUM
- 803597 – LARGE
- 803598 – XL
- 803599 – 3XL



Disposable
COVERALL

- Full zipper front
- Elastic wrist closures
- Full pullover hood

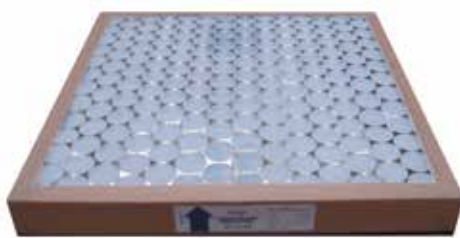


AN004-50W

Fits 50mm frame. Compact. Up to 98% efficient. Up to 5 times longer lasting. White cardboard finish. Heat resistant to 180°C. Coverage 8.4m x 900mm high. Installs in one stretch and includes retaining chord to avoid over extension.

SPRAY BOOTH PAINT ARRESTOR FILTERS

SPRAY BOOTH DUST ARRESTOR FILTERS



QQCV

Dust Arrester Filter Pad
Fits 500 x 500 x 50mm Frame
Pleated filter provides large filtering area



PA-50N 750MM WIDE

Fiberglass Paint Arrester Filter
For Spraybooth Floors
High grade 280g/m²
20m x 50mm thick roll

ITEM	EN779 CLASS	ARRESTANCE	DUST HOLDING g/m ²	AIR SPEED m/s	AIR FLOW m ³ /hour/m ²	PRESSURE DROP (Pa)		CONSTANT TEMP RESISTANCE
						INITIAL	FINAL	
PA-50N	G2	93%	3400	1.5	9000	10	130	150°C
QQCV	G4	90%	400	0.6	2200	45	150-250	70°C

MASKING FILM

9 micron Masking Film
HDPE rolls 120 x 4.9m
Reduces static
Holds paint overspray



MF520

BLOW DRYER GUN FOR WATERBORNES



DMG-501-K

DeVilbiss Drynamic
1/4" with ball valve
Air consumption 12.5 cfm

PANEL STAND



PB-3K

Galvanised heavy duty steel frame
Heavy duty chain
Adjustable height and width
Foam support and rubber feet 500lb/230kg capacity

PNEUMATIC PAINT SHAKER



W7500
Air Consumption 9 cfm
(250 lpm)
Min Pressure 100 psi
(6.8 bar)

**MEASURING CUPS
600ML**

2 colour
Pack of 50



MC600-K50

CONE FILTERS

Disposable Paper Cone. Fine
190micron 70 mesh
Pack of 250



W2007P-1

CONE FILTERS

Disposable Paper Cone.
Super Fine 125micron
130 mesh
Pack of 250



W2007P-2

FLUID HOSE "NYLINER"

"Nyliner" fluid Hose 3/8"
500psi (34bar) bulk per metre



HFLP10

"Nyliner" fluid hose
assemblies with 3/8" nut
and tail fitted

CODE	DESCRIPTION
HFLP1001F	10mm Hose x 1m long
HFLP1003F	10mm Hose x 3m long
HFLP1005F	10mm Hose x 5m long
HFLP1008F	10mm Hose x 8m long
HFLP1010F	10mm Hose x 10m long
HFLP1015F	10mm Hose x 15m long

MARTAC TACK CLOTH



MQ252

CODE	DESCRIPTION
MQ252	Premium 11m Roll for waterbornes
TC11R	Lightweight 11m Roll for waterbornes
TC24	90 x 45cm (Box of 24) for waterbornes

SPREADER SETS FOR BODY FILLERS



W3038



W3064

SANDING BLOCKS AND FILES

EVA



W3008E

With holes 130 x 65mm

W3008E-1

Without holes 130 x 65mm

PLASTIC



W3067

With clips 210 x 150mm

RUBBER



W3008

125 x 65mm

SANDING BOARD



W3004

420 x 70mm

W3005

265 x 70mm

W3006

175 x 70mm

SURFACE FORMING BLADE



W2951

Half round - 250mm

W2202

105 x 30mm
50mm bore
max 3500rpm

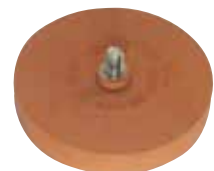


CARAMEL WHEELS

For removing pin stripes
5/16" M (with 5/16" F x 1/4" drill spigot)

W2201

89 x 10mm
max 2500rpm



W2200

100 x 27mm
max 4000rpm

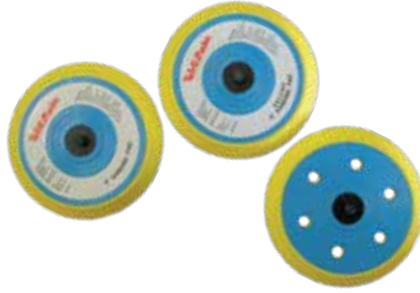


BACKING PLATES 150MM



CODE	DESCRIPTION
BP-14	14mm plastic
BPV-14	14mm hook type

BACKING PADS 150MM



CODE	SIZE	DESCRIPTION
W2205	150mm	5/16" plain
W2205V	150mm	5/16" hook type
W2205V1	150mm	5/16" hook type (6 hole)
W2205VIP	150mm	Interface pad to suit W2205V1 (6 hole)

FOAM PADS 150 X 60MM



CODE	COLOUR	DESCRIPTION
FP-F	orange	Firm
FPV-F	orange	Firm suits hook type backer

COMPOUNDING SPONGE PAD WITH BACKER 150mm



CODE	DESCRIPTION
MQ-PSC	14mm white

PROFILED PADS 230mm



CODE	DESCRIPTION
MQ517BPV	backer 14mm hook type
MQ517BLUE	light cut
MQ517RED	heavy cut
MQ517BLACK	final finish
MQ517WOOL	wool



SPRAY GUN ACCESSORIES



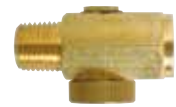
W2004
Oil/water separator 1/4"



W2004A
Disposable Filter 1/4"



W2022
Valve WITH gauge 1/4"



W2013
in line regulator brass 1/4"



HD101
Gravity gun and cup stand with cone filter holder



HD102
Magnetic gun holder



GX95002-CUP
600 ml
Gravity feed Gun Cup

AIR BRUSHES



VL-SET
Includes 7cc metal cup, 2 x 29cc bottles, (PA-VL-1 OZ), 2 needle, tip & air cap set ups for heavier materials. Ideal for hobbyists, T Shirt artists, bakery decorations

AIR HOSE



PA-A-3-02
1/8" x 2m

MOISTURE TRAP



PA-MT
Removes airline moisture (excludes hose)

PROFESSIONAL GUN CLEANING KIT

22 piece in plastic container

HEAVY DUTY DOUBLE ACTION



ABS128
Includes hose and 7cc colour cup, 22cc and 60cc bottle



CK11



W2701
12 piece master spray gun cleaning kit - economy

SPRAY GUNS



SUCTION TYPE SPRAY GUNS

W7002-S



High production suction spray gun. Ideal for auto refinishing. Fully adjustable wide spray fan pattern control. Fluid tip 1.8mm. Fluid inlet 3/8" NPS. Air consumption 198-255lpm (7-9cfm)

GRAVITY GUNS

W7014-1.4
1.4mm set up



W7014-2
2mm set up

ACCESSORIES

CODE	DESCRIPTION
W2007-2	Suction Gun Strainers 2 pc kit
W2024-1	Suction Gun Cup 1/4 x 700ml
W7014C	Gravity Gun Plastic Cup 600ml
W97014-29	Lid for cup
W97014F-K12	12pc Gravity cup filter

PRESSURE FEED GUN



High production. Features: Strong, light weight, construction stainless steel needle, nozzle set up. Built-in air control valve. Fluid inlet 3/8" NPS. Air consumption 310lpm (11cfm)

W7002P-1.4 **1.4MM SET UP**
W7002P-1.8 **1.8MM SET UP**

PRESSURE FEED TANKS



W7031C
2 litre
Remote paint cup



PT8
Test pressure 80psi
Safety valve set to 4 bar



W7100
Test pressure 80psi
Safety valve set to 4 bar
Teflon coated



PT10E
Test pressure 80psi
Safety valve set to 4 bar with Castors
Insert Bucket



PT20
Test pressure 80psi
Safety valve set to 4 bar with Castors
Insert Bucket
Manual Stirrer
3 Handles

MINI GRAVITY GUN

W7013



0.8mm Fluid Tip
2 finger unit with 250ml cup.
(Also available in 0.5, 1.0mm set up)

PRESSURE FEED GUN & CUP KIT W7031C-KIT INCLUDES:

- W7002P-1.4** pressure feed gun
- W7031C** cup
- HAAR1001F** 1.2m rubber air hose assy
- HFLP1001F** 1.2m fluid hose assy

PRESSURE FEED TANK PARTS

W97100-06	Regulator	W7100
W97102E-04	Regulator	PT10E
W97100-02	Gasket	W7100, PT8
W970102E-04	Gasket	PT10E
PT92-GKT	Gasket	PT20

SUCTION TYPE SPRAY GUNS



J4001

High production gun with fine atomisation control and air regulator, non-drip diaphragm. Suitable for automotive, furniture and appliance finishing. 2.0mm standard set up with 1 litre suction cup.

"TEXTURE" SPRAY GUN WITH 6 LITRE PLASTIC HOPPER



FR301

Includes 3 nozzles: 4, 6, 8mm. Air consumption is around 340 litre/minute but varies with nozzle and material sprayed.

FILLER GUN



H90-30G

Gravity gun with large 3mm set up for fillers.

GRAVITY GUNS



H827 – LIMITED

KIT with 1.4 & 1.7 set ups. High transfer efficiency and low overspray. Complete with regulator, gauge, filter, spanner and brush in blowmold case. Durable brass aircap with SS needle and nozzle. Fully adjustable spray pattern 600ml cup.

H827-20 2mm version in carton

HVLP GUN SETS



MACH2-SET

HVLP GUN SET with MINIGRAVITY GUN

600ml cup gun with 1.3mm Set up
250ml cup gun with 1.0mm Set up

MINI GRAVITY GUN

HVLP small and lightweight designed to reach difficult areas. Durable brass aircap with SS needle and nozzle. With 1.0mm set up and 250ml cup.



H2001

"COLORIT" GRAVITY SPRAY GUNS

Economy spray gun
Air consumption:
430lpm @ 2-2.5bar
(15cfm @ 30-36psi)

H899-1.3 1.3MM SET UP
H899-1.8 1.8MM SET UP



H887P_H2008

Economy Gravity Spray Gun Kit

H887P gun with 1.4mm set up and 600ml cup
H2008 gun with 1.0mm set up and 250ml cup

METAL COLD CUT SAW



Safe Operation

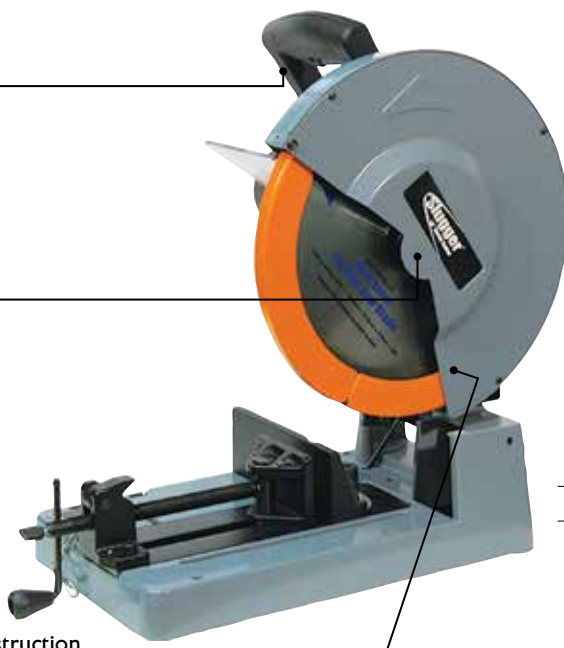
Double trigger safety start, spring loaded face guard and electric brake.

High-Power Motor

Powerful 1800W long life motor. Low speed, high torque.

Features / Benefits

- Low speed high torque motor
- High precision durable steel construction
- Cast aluminium base
- Quick release table/base clamp cuts 0° to 45°
- Smooth bevel and angle cutting adjustments
- Eye protection plate
- Table/base clamp with quick release
- Depth stop
- Well balanced handle design for better control
- Integrated chip collection



Mild Steel Cutting Saw Blade



1 x 14" Mild Steel Cutting Saw Blade included in set.

The Slugger 14" Metal Cutting Saw is the high performance, durable solution for metal cutting.

TCT blade cuts fast and clean compared to a standard abrasive disk



14" Slugger Metal Cold Cut Saw

MCCS 14-2 | 72905361120

1,800W; 356mm (14" blade diameter); bevel up to 45 degrees; low speed high torque motor.

- 14" mild steel saw blade
- Wrenches, safety goggles
- Table vise

14" Slugger Saw Blades

- 63502014600 Mild Steel 66 teeth
- 63502014610 Aluminium 80 teeth
- 63502014620 Stainless Steel 90 teeth
- 63502014630 Thin Steel 90 teeth

OSCILLATING TOOL ACCESSORIES



HSS saw blade

Solid HSS saw blade with metal teeth for sheet metal up to approx. 1 mm. Also for plastics, fibreglass-reinforced plastic, wood, putty and copper/copper alloys. Outstanding cutting speed. Clean, thin cutting line. Segmented, ideal for working in corners and on edges without overcutting.

Ø mm	Qty.	Mount	Part number
85	1	SL	6 35 02 106 21 0



E-CUT long-life saw blade

Bimetal with set wood teeth for all wood, plasterboard and plastic materials. Outstanding tool life, high cutting quality and speed. Extremely robust, also resilient to nails in wood, (up to approx. 4 mm in diameter), masonry etc.

Length mm	Width mm	Qty.	Mount	Part number
34	20	1	SL	6 35 02 183 21 0



Medium width, with waist for optimum cutting speed and good swarf removal.

Length mm	Width mm	Qty.	Mount	Part number
50	35	1	SL	6 35 02 160 21 0
50	35	3	SL	6 35 02 160 22 0
50	35	10	SL	6 35 02 160 24 0



E-CUT precision saw blade

Double-row Japan teeth for all wooden materials, plasterboard and soft plastics. The fastest cutting speed and maximum precision. Narrow shape with waist for optimum cutting speed and good swarf removal.

Length mm	Width mm	Qty.	Mount	Part number
50	35	1	SL	6 35 02 126 21 0
50	35	3	SL	6 35 02 126 22 0
50	35	10	SL	6 35 02 126 24 0

STARLOCK STARLOCK PLUS



60	44	1	SLP	6 35 02 152 21 0
60	44	3	SLP	6 35 02 152 22 0
60	44	10	SLP	6 35 02 152 24 0



E-CUT fine saw blade

Bimetal with fine teeth for sheet metal up to 2 mm, aluminium profiles, copper pipes. Also for fibreglass-reinforced plastic and other hard plastics. Extremely precise cuts which are very easy to control with particularly thin cutting line. Medium width, with waist for optimum cutting speed and good swarf removal.

Length mm	Width mm	Qty.	Mount	Part number
50	30	1	SL	6 35 02 157 21 0



Fixed Scraper Blade

Long version. For removing stubborn old paint, adhesive residues, carpets, tile adhesives and coats of underseal.

Mount	Part number
SLP	6 39 03 234 21 0



Cutting blade

For cutting away panelled deck sealant materials quickly and safely. Also ideal for difficult areas such as cabins, rails, gunwales, cleats, and curves.

Blade width mm	Mount	Part number
3	SLP	6 39 03 200 21 0
4	SLP	6 39 03 201 21 0
5	SLP	6 39 03 202 21 0

Note: other sizes available on indent

JACK STANDS



CODE	CAPACITY	MIN HEIGHT	MAX HEIGHT	NET WEIGHT
T43002	3 Ton (pair)	285mm	425mm	6kg
T46002	6 Ton (pair)	390mm	605mm	12kg
T412002	12 Ton (pair)	468mm	715mm	28kg

NOTE: When using a Floor Jack supplementary support using Jack Stands is recommended

HYDRAULIC FLOOR JACKS



T820010L

2.0 Ton Aluminium Floor Jack
Lifting Range 90-440mm
Net weight 21.5kg
Product Size (mm)
670 x 310 x 163



TZ835022

3.0 Ton Floor Jack
Lifting range 140-520mm
Net weight 37kg
Product Size (mm)
675 x 346 x 180



TZ830018

3.0 Ton Low Profile Jack
Lifting range 88-455mm
Net weight 35kg
Product Size (mm)
640 x 342 x 174



T83502

3.5 Ton Floor Jack
Quick lift foot pedal
Lifting range 145-490mm
Net weight 40kg
Product Size (mm)
685 x 346 x 180

LONG FLOOR JACKS



TR58056

5.0 Ton Floor Jack TUV
Lifting range 150-560mm
Net weight 85kg
Product Size (mm)
1412 x 418 x 150



TR8106

10 Ton Long Floor Jack TUV
Lifting range 160-560mm
Net weight 131kg
Product Size (mm)
1540 x 486 x 160

AIR FLOOR JACK



TQ22001

22 Ton Hydraulic Air Jack
Lifting Range 215-430mm
Ram lift of 105mm
Air pressure 8 bar
Net Weight 46kg
Product Size (mm)
660 x 380 x 240

JACKS, JACK STANDS & PULLERS

PORTABLE HYDRAULIC BODY KIT



T70401S
4 Ton Hydraulic Body Kit
Minimum ram height 330mm
Ram lifting height 120mm
Net weight 17kg

Blow Mold Case: 580 x 350 x 180

T71001
10 Ton Hydraulic Body Kit
Minimum ram height 470mm
Ram lifting height 150mm
Net weight 30kg



Metal Box: 790 x 305 x 160

SCISSOR JACK

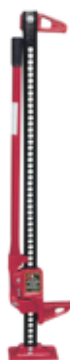


T10102
1 Ton Scissor Jack
Lifting range 88-3803mm
Net weight 2.5kg
Length 426mm

FARM JACK

TR8485
For lifting heavy machines or
pulling posts.
3 ton.

Lifting range 125-1020mm
1200 x 240 x 140
Net Weight 13kg



DENT PULLER



588
Dent Puller Kit
10lb / 4.5kg capacity

HYDRAULIC BOTTLE JACKS ANSI



CODE	CAPACITY	MIN HEIGHT	MAXIMUM HEIGHT	NET WEIGHT
TH90204X	2 Ton ANSI	181mm	345mm	2.3kg
TH90404X	4 ton ANSI	194mm	372mm	3.1kg
TH90604X	6 Ton ANSI	207mm	402mm	4.3kg
TH90804X	8 ton ANSI	230mm	457mm	5.4kg
TH91004X	10 Ton ANSI	222mm	447mm	6.4kg
TH91204X	12 ton ANSI	227mm	457mm	7.2kg
TH92004X	20 Ton ANSI	235mm	445mm	10.6kg

PNEUMATIC BOTTLE JACKS

TQ20002



20 Ton – Air Type
Height range 260-510mm Adjustment
80mm lift 165mm
Net weight 18kg

ENGINE STANDS



T24541
 Capacity 455kg
 Net weight 21kg



T25671
 Capacity 570kg with
 swivelling Tool Tray
 Net Weight 28kg

ENGINE CRANES



T31002
 1 Ton Foldable Engine Crane
 Lifting range 25–2200mm,
 (L 1495 x W 1180 x H 1475)
 Net weight 68kg



T32002
 2 Ton Foldable Engine Crane
 Lifting range 25–2445mm,
 (L 1740 x W x 1040 x H 1550)
 Net weight 104kg

TR2750
 Engine Leveller 680kg

PORTABLE POWER PIPE BENDER



TA1202
 Ram Stroke 232mm
 Shoe sizes 1/2", 3/4", 1", 1-1/2", 2"
 Net weight 37kg

SHOP PRESSES



TY20001

CODE	CAPACITY TON	STROKE MM	RANGE MM	BED WIDTH MM	GAUGE INCLUDED	WEIGHT KG
TY20001	20	185	910	820	Yes	100 2 pack

TRANSMISSION JACK

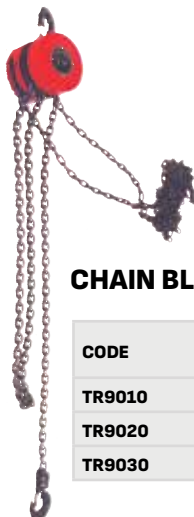


TEL05001
 Capacity 0.5 Ton
 Min height 1260mm
 Max height 1750mm
 Net weight 31kg

HYDRAULIC POSITIONING JACK



TRA9012
 Capacity 680kg Maximum
 width 300mm
 Net weight 17kg
 Sold per each



CHAIN BLOCKS

CODE	CAPACITY	LIFT HEIGHT	HEADROOM (HOOK TO HOOK)
TR9010	1 Ton Chain Block	2.5m	300mm
TR9020	2 Ton Chain Block	2.5m	380mm
TR9030	3 Ton Chain Block	3.0m	470mm

TROLLEYS



TC301-II

Tool Trolley with Drawer 737 x 383 x 668mm
Heavy duty, corner mounted castors and trolley handle for workshop mobility
Storage drawer with full length aluminium extrusion handle. Two deep open trays for a variety of hand tools

SAND BLASTERS

SB10

830 x 480 x 330
10 Gallon Portable
Sandblaster 19kg

SB20

920 x 780 x 380
20 Gallon Portable
Sandblaster 21kg



Units include shut-off valve, pressure gauge, ceramic nozzle, 2.5m hose, filling funnel and water trap

ACCESSORIES

CODE	DESCRIPTION
TR4012-19C	Ball Valve
TR4012-28	Nozzle kit for SB10 & SB20
TR4092-12	Nozzle kit for SBC90 & SBC220



GARNET30-60

Abrasive Sand: Garnet
25kg bag
for use with sand blasters
Dry blasting grade GT-B

CAR DOLLY



TRF0322

450kg capacity each
Sold as a pair

CREEPERS



TR6201C

Pneumatic Seat,
Sturdy Vinyl seat covers,
Adjustable seat height, storage tray,
durable rotary castors
Net weight 6kg
Lifting range 120mm

OIL DRAINERS



W3210

Oil drainer extractor
Suitable for engine oil, gear oil, coolant, transmission fluid, power steering fluid
Air operated, requires 10 cfm FAD



TRG2018

18 gallon oil drainer
58 litre tank with adjustable Oil Tray (23kg)
Max Air Pressure 0.8 Bar
640 x 570 x 525mm

PARTS WASHER

TR4001-20

20 Gallon **Electric** parts washer
Should not be used with volatile cleaners
Stands 880mm
Base size 760 x 450mm



W5792

80 Litre **Pneumatic** parts washer



TRH6802

40" Plastic Creeper
Net Weight 5kg
Overall size
1010 x 475 x 130

WARRANTIES

Hindin Marquip Ltd (HML) warrants its products to be free from defect in material and manufacture. The warranty excludes: wear and tear; damage resulting from misuse, abrasion, corrosion, negligence, accident, faulty installation, non-compliance with instructions; product modification due to improper repair, tampering or stamping; consequential damage resulting from initial fault or any other incident; unauthorised replacements and unauthorised labour and other costs for service operations in the field.

The warranty period is generally 12 months from date of purchase (except where "use by" dates apply) and may be longer as specified.

The warranty applies only to the original purchaser. Any product the subject of a warranty claim, proved to HML's satisfaction to be valid, shall at HML's election be repaired or replaced, provided the product is delivered freight prepaid to HML, together with proof of purchase.

Where any component is covered by the warranty of another manufacturer or supplier, HML may opt to rely on that warranty.

AIR COMPRESSOR SIZING

As inaugural New Zealand members of ACACA (now CAAA) we recognise and promote an air compressor's FREE AIR DELIVERY (FAD). Our air compressor brochures now quote FAD figures. Given a tool's air consumption this leads to more accurate compressor sizing. Where the air consumption is not known, or in an application where a number of tools are used, an indication of an EXISTING system air consumption can be obtained from:

$$FAD = V \times \Delta P \times 60 / T$$

Where V = the air receiver volume (litres)

ΔP = pressure drop from max pressure to cut-in pressure (bar)

T = time for this pressure drop to occur while tools are operating (secs)

For reciprocating compressors the FAD may vary from 25%-75% of displacement. If a compressor is sized based on displacement for a high revving, poorly valved, inefficient unit it could be 4 times overrated. In addition, allowance should be made of the compressor's duty cycle which again could be as low as 25% or up to 100% for a continuous rated compressor.

WIRE GAUGE TO METRIC

Common wire gauge denominations are British Standard Wire Gauge (SWG) and American Wire Gauge (AWG). Metric equivalents are

Wire Gauge	SWG (mm)	AWG (mm)	Wire Gauge	SWG (mm)	AWG (mm)
8	4.06	3.26	17	1.42	1.15
9	3.66	2.91	18	1.22	1.02
10	3.25	2.59	19	1.02	0.92
11	2.95	2.30	20	0.91	0.81
12	2.64	2.05	21	0.81	0.72
13	2.33	1.83	22	0.71	0.64
14	2.03	1.63	23	0.61	0.57
15	1.83	1.45	24	0.56	0.51
16	1.63	1.29	25	0.51	0.45

POWER FACTORS!

Watts measure the POWER consumed or dissipated, Volts x Amps

kVA measures the APPARENT power (dissipated plus returned power)

PF, or POWER FACTOR represents the "out of phase" between Voltage and Current
kVA = kW / PF

As an example if PF = 0.8, then kVA = 1.25 x kW

(note PF depends on the appliance and is NOT necessarily 0.8)

Amp Hours measure the POWER a battery will store and thus rates a battery.

Amp-hours are the number of amps used or produced in a given hour.

As an example a 50 amp-hour battery will take about 6 hours to charge using an 10 Amp charger.

Charge time = about 10% more than: Battery rating / Charger rating

Parallel Battery Connection

Positive (+) terminals are connected together, (and Negative terminals are connected together). Batteries in "parallel" supply the same voltage but the amperage ratings add for each battery.

Example: 2 x 12V, 50 Ah batteries in parallel will rate 12V, 100 Ah.

Don't mix new and old batteries

Series Battery Connection

Positive (+) terminals are connected to Negative terminals of the next battery. Batteries in "series" supply the same current (and lowest Ah rating) but higher voltage. Example: 2 x 12V, 50 Ah batteries in series will rate 24 volts.

Booster/Jumper Lead Cable should be rated on the nett copper sectional area (10, 16, 25 square mm etc) NOT including the insulation.

DISCLAIMER

HML shall not be liable to any loss, including, but not limited to incidental or consequential damage for injury to persons, products, buildings, contents of buildings, or any other property; or for any other direct, incidental or consequential loss. Any remedy against HML whether derived from warranty or otherwise shall be limited as specified herein to repair or replacement.

The information contained in this catalogue has been taken in good faith from sources believed to be reliable. HML does not represent that the information is accurate or complete and the contents should not be relied on as such.

HML does not accept responsibility where reliance is made on the contents of this catalogue. Product specifications may change at any time without notice.

Trademarks, patents and designs of HML and its principals shall not be misused in any way, shape or form.

INDENT PURCHASES

Goods purchased on indent which are not normally carried in stock will not be returnable for credit.

ABBREVIATIONS

Ah	amp hours	kVA	kilo volt amps
BSP	British standard pipe thread	L	length of pipe, cylinder
BTU	British thermal unit	lpm	litre per minute
cc	cubic centimetres	ml	millilitre
cfm	cubic feet per minute	NPS	national pipe straight thread
cms	centimetres	NPT	national pipe taper thread
CI	cast iron	o.d.	outside diameter
D	diameter of pipe, cylinder, flywheel	psi	pounds per square inch
FAD	free air delivery	Q	flowrate
HD	heavy duty	rpm	revolutions per minute
HVLP	high volume low pressure	SS	stainless steel
i.d.	internal diameter	usgpm	US gallons per minute
kPa	kilo Pascals	V	volume
		WP	working pressure

CONVERSIONS

to convert from	multiply by	to
length		
inch	25.4	mm
feet	0.3048	metre
micron	0.0394	1/1000 of an inch
micron	0.000001	metre
millimetres	0.001	metre
area		
acre	0.4	hectare
hectare	10000	square metres
volume		
cubic cms	1	millilitres
millilitre	0.001	litre
litre	0.001	cubic metre
cubic cms	0.034	fluid ounces
cubic feet	28.32	litre
cubic metre	35.31	cubic feet
fluid ounces	29	cubic centimetres
litre	0.0353	cubic feet
lpm	0.0353	cfm
lpm	0.22	gpm
lpm	0.264	usgpm
weight/mass		
kilogram	2.2	pounds (lbs)
ton	2240	pounds
ton (US short)	2000	pounds
tonne	1000	kilogram
power		
kilowatt	1.34	horsepower
pressure		
atmosphere	101.325	kPa
bar	100	kPa
bar	14.5	psi
kg/sq cm	14.2	psi
kPa	0.145	psi
metre (head)	1.42	psi
torque		
kg-s-m	7.28	ft-lbs
kg-s-m	9.8	Nm
Nm	0.74	ft-lbs

FINISHING TECHNOLOGIES

Various environmental protection agencies are requiring more stringent attention to the reduction of particulate and VOC emissions.

Conventional Spray painting systems with their high overspray and lower efficiency are in some instances being replaced by HVLP systems (with atomising pressure less than 10psi / 0.6 bar). "COMPLIANT" systems which meet EPA regulations are suitable for some products that require higher atomizing pressure but achieving a Transfer Efficiency of over 65%.

Some finishing operations will require different application methods such as **Airless** for high application rates and high builds, **Air Assisted Airless** and **Electrostatic** for high "wrap around" on complex shapes.

Irrespective of the spray method the correct spray gun set-up needs to be matched to the application and the paint product being applied. For more detailed

technical or spray painting information contact Hindin Marquip.

HINDIN MARQUIP HISTORY



Hindin Marquip Limited results from the merger in 1992 of Martin Equipment Limited [established 1945] and our opposition at the time, Hindin Engineers Limited [established in 1946]. The company is a fully owned subsidiary of Place Corporation Ltd, an investment company owned and controlled by the Brown Family.

The R.R Martin Equipment Co Ltd commenced business with a capital of 2500. E.B. Brown was chairman and R.R. Martin was managing director. Both office and manufacturing were operated from premises in Albert St consisting of a mere 616 square feet. From selling air compressors and spray painting equipment Hindin Marquip Limited has grown its business to include a distribution centre in Auckland, Hamilton, and Christchurch.

Doug Brown, after returning from service after WW2, joined the business in 1947 on a salary of £364. While sales for the year were budgeted at £9000 issues facing businesses today were the same then: not enough customers, too much stock, inadequate cash flow.



79 Wakefield St, Auckland.

In 1952 the business relocated to Wakefield St. Initially to number 37 and 6 years later to number 79. There was however an issue that remained unresolved. The existing tenants who were operating an establishment known in those days as “a business of ill repute” still had to be removed. They were eventually coerced to move on by paying an exorbitant price of £1000 for their furniture in addition to the £4000 for the property. Unfortunately before the building was demolished squatters moved in presenting the next challenge. In 1956 the business name changed to Martin Equipment Ltd.

By the 1960s manufacturing had expanded from just compressors and paint tanks to masking tapes, ear muffs, safety goggles and air filters. Temporary space was found firstly across the road from Wakefield St, in St Paul St and in 1964 the factory relocated to “temporary” premises in Neilson St, Te Papapa. Eventually in 1975 a building was purchased in Olive Rd, Penrose, for assembly.

By this time the advent of containerisation made deliveries into the City impractical. The Penrose factory was also used as a de-van point for containers and as a bulk store. Many kilometers and man hours were clocked up transferring goods from Penrose to the city on an often overloaded utility vehicle.

The Wakefield St premises were only metres from Queen St. During a period of rapid growth in Auckland in the seventies and eighties the area became surrounded by high-rise buildings to service office, the expanding tertiary education sector and the burgeoning apartment industry. Towards the end of this era truck loads of material were seen passing by from the Sky Tower excavations. When our local Pub, the Globe Tavern made way for yet more apartments it became obvious this was not the place to be operating a wholesale distribution facility!

In 1994 all operations were brought under one roof at 1012 Great South Road, Penrose. Within a year storage for inventory had become an issue: we had run out of room again! This was partially overcome by product rationalisation and better racking systems.

In 2002 we became the first New Zealand member of the Compressed Air Association of Australia. In the face of an increasing trend for many in the industry to grossly overrate the performance of their compressors, CAAA members display on their compressors and promote in their literature correct information, in particular relating to the correct free air delivery so that consumers are informed clearly what their compressor is capable of.

Towards the end of 2012 we completed a 1400 square metre extension to our warehouse in Penrose. This was quite an achievement after 5 years of design, re-design, and negotiating stumbling blocks imposed by Auckland City. One mandatory requirement was retro-fitting smoke alarms into our existing cupboards and in the new external drive through loading bay – we still agree to disagree who will mow the “berm”!

In the following year we became the NZ Import Partner for the German icon Festool, specialising in power tools for the joinery and construction industry. To complement that Fein, also from Germany specialising in metal working tools and oscillators was added in 2017 .

In the early days, the business was “direct sell”. The environment consisted of import license and the luxury existed of being able to take indent orders for delivery often months in advance. This was not to last and as the markets freed up we realised two important factors: firstly we recognised the need to expand our product range and secondly we appreciated the benefit of marketing our products through a distribution network – and that is how it remains today. With over 50 containers delivered each year it would be impossible to operate efficiently any other way.

Our goal is to provide quality products at competitive prices and to back that up with an excellent after-sales service. Even after 75 years in the business our primary focus is still tools and machinery for automotive, engineering and rural enterprises. We still assemble single phase and three phase industrial air compressors in our factory.

Our strength relies on the loyal support of a national network of distributor stockists, quality brands – some new, and some we have proudly represented for many years, and a great team of people within the organisation. We remember the friends we have made along our journey on the supply side and the customer side. We endeavour to be fair and honest to all people and so create an environment for successful long-term relationships.

From this brief history there have been many challenges and we have also enjoyed many humorous moments along the way. We are fortunate to be involved in an industry full of life’s characters and look forward to the challenges ahead – whatever they may be.



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