


# STEL


## INDUSTRIAL SUPPLIES

### CATALOGUE

# 2019

**STEL** SPECIALISED  
TOOLS &  
EQUIPMENT LTD

0114 383 0110 

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[www.steltools.co.uk](http://www.steltools.co.uk) 



# WELCOME

## DELIVERY

**Next Day** [Max 20kg]: £8.50

**Next Day Before 10am** [Max 20kg]: £19.50

**Next Day Before 12noon** [Max 20kg]: £13.50

**Pallets:** POA - Oversized Pallets POA

**Same Day Delivery:** POA

**Collections Welcome**

All Delivery Prices Exclude VAT & Are Not Eligible For Discount

## PRICES

All Prices Exclude VAT

## PAYMENT METHODS



**VISA**



**PayPal**

**bacs**

WE ALSO ACCEPT **CASH ON COLLECTION**

**COMPANY DETAILS**

Company Name:

Address:

Post Code:

Phone:

Email:

Company Registration Number:

VAT Number:

**COMPANY BANK DETAILS**

Bank Name:

Bank Address:

Post Code:

Sort Code:

Account Number:

**AGREEMENT**

1. All invoices are to be paid 30 days from the date of the invoice.
2. Claims arising from invoices must be made within 7 working days in writing.
3. By submitting this application, you authorise Specialised Tools & Equipment Ltd to make enquiries into the banking details you have supplied, e.g. carrying out a credit check.

**SIGNATURE**

Signature:

Print Name:

Date:

**SERIOUS ABOUT SERVICE**

# STEL

## SERIOUS ABOUT SERVICE

**Clarke**

**STIHL**®

**DEWALT**®

**STEL**  
TOOLS & CONSUMABLES

**DORMAN**®

**STANLEY**®

 **HILTA**

**SIMPLEX**

**Makita**

 **MC Electronics**  
Railway Safety Solutions



SOUTH YORKSHIRES  
**ONLY**  
OFFICIAL  
HONDA DEALER



# HONDA

SERIOUS **ABOUT** SERVICE

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**SERIOUS ABOUT SERVICE**



# CLEANING PRODUCTS

CONCENTRATED HARD SURFACE CLEANER	LUXURY FURNITURE POLISH 750ML QTY 6	GLASS & MIRROR CLEANER 750ML	STAINLESS STEEL CLEANER 750ML
			
PART CODE   80000247	PART CODE   80000252	PART CODE   80000254	PART CODE   80000259
TOILET CLEANER 750ML	HAND SANITIZER 60ML	URINAL BLOCKS YELLOW	NEUTRAL FLOOR CLEANER 5L
			
PART CODE   80000331	PART CODE   80000472	PART CODE   80002241	PART CODE   80009367
HEAVY DUTY CLEANER	CONCENTRATED WASHROOM CLEANER	URINAL BLOCKS BLUE 1.1KG	ALL IN ONE DISH WASH TABLETS QTY 100
			
PART CODE   80009394	PART CODE   80009422	PART CODE   80009448	PART CODE   80010419
ANTIBACTERIAL HAND WASH 300ML	STERIHAND BACTERICIDAL 5L	PROCHEM CONTRACT CARPET CLEANER 5L	ENOV L010 LAUNDRY POWDER BIOLOGICAL 10KG
			
PART CODE   80010869	PART CODE   5LITRE	PART CODE   BMP214-5	PART CODE   BPR010-10



## CLEANING PRODUCTS

T-DET CONCENTRATED WASHING UP LIQUID 5L		BLUE LOO BLOCKS QTY 6		EASY WASHING UP LIQUID 625ML		LUXURY FURNITURE POLISH 400ML	
							
PART CODE	BRI205	PART CODE	CH010C	PART CODE	CH387D	PART CODE	CH452
LUXURY FURNITURE POLISH 400ML QTY 6		CHLORINE TABLETS QTY 200		ASTONISH BACTERIAL LIQUID SOAP 500ML		ENVIRO BACTERIAL LIQUID SOAP 5L	
							
PART CODE	CH452A	PART CODE	CH513	PART CODE	CH595D	PART CODE	CH595E
DISHWASHER SALT 2KG		ASTONISH DISHWASHER TABLETS QTY 42		DEB FOAM 1L QTY 6		RUBBER MAID AUTO FOAM SOAP 1.1L QTY 4	
							
PART CODE	CH755A	PART CODE	CH757AA	PART CODE	DEB238	PART CODE	FEM015T
DISINFECTANT 5L		SCREEN WASH 1L		LAX60 INDUSTRIAL MULTI-PURPOSE WIPES		BRASSO METAL POLISH 1L	
							
PART CODE	G60330	PART CODE	G61910	PART CODE	LAX60B150	PART CODE	REC304

## CLEANING PRODUCTS

BRASSO METAL POLISH  
175ML



PART CODE REC304B

GOJO HAND SOAP  
CARTRIDGES FORREST BERRY  
3 X 1.25L



PART CODE SK087C

KATRIN FOAM WASH  
500ML QTY 12



PART CODE SK100A

KATRIN FOAM WASH  
1L QTY 6



PART CODE SK101

STERIHAND  
BACTERICIDAL 5L



PART CODE SK200

T-PEARLISED HAND  
SOAP 5L



PART CODE SK201

SCREENWASH READY  
MIXED 5L



PART CODE SW1

SCREENWASH  
CONCENTRATED, APPLE 5L



PART CODE SW1CC

FUSION AIR FRESHENER  
LEMON SCENT 400ML



PART CODE 111451

SANITIZING HAND  
WIPES QTY 1000  
TO BE USED WITH PART CODE  
80002067



PART CODE 80002064

AIR FRESHENER 480ML



PART CODE 80006138

# ACCESSORIES

SMITHS MAGIC ERASER CLEANING SPONGE 	FLASH MAGIC ERASER CLEANING SPONGE 	MOP BUCKET BLUE 	MOP BUCKET GREEN 
PART CODE 111437	PART CODE 111438	PART CODE 80000671	PART CODE 80000672
MOP BUCKET RED 	MARIGOLD GLOVES, YELLOW, MEDIUM 	MOP HEAD BLUE 	MOP HEAD GREEN 
PART CODE 80000673	PART CODE 80000803	PART CODE 80000919	PART CODE 80000920
MOP HEAD RED 	MOP HANDLE BLUE 	MOP HANDLE GREEN 	MOP HANDLE RED 
PART CODE 80000921	PART CODE 80001046	PART CODE 80001047	PART CODE 80001048
TWINE YARN KENTUCKY MOP 	CAUTION WET FLOOR SIGN 	DUST PAN & BRUSH SET BLUE 	DUST PAN & BRUSH SET GREEN 
PART CODE 1009775	PART CODE 80001015	PART CODE 80001034	PART CODE 80001035



## ACCESSORIES

DUST PAN & BRUSH  
RED



PART CODE 80001036

HAND WIPES  
DISPENSER



PART CODE 80002067

HARD SWEEPING  
BRUSH



PART CODE 80009114

DISH CLOTHS QTY 10



PART CODE 80010495

MICROFIBRE CLOTHS  
BLUE QTY 10



PART CODE 10037B

MICROFIBRE CLOTHS  
GREEN QTY 10



PART CODE 10037G

MICROFIBRE CLOTHS  
PINK QTY 10



PART CODE 10037P

MAGIC CLEANING ERASER  
SPONGE



STRONG FLEXIBLE

PART CODE ERASER

SCOURING SPONGE  
PADS QTY 10



PART CODE KS101A

GALVANISE QTY 10



PART CODE KS108

GREEN SCOURING  
PADS QTY 10



PART CODE VIL0011A

TOILET BRUSH



PART CODE H/N6Y

SOFT INDOOR  
SWEEPING BRUSH



PART CODE WLMEBL-POLE

NUMATIC HOOVER  
BAGS QTY 10



PART CODE NVM1CH



## TOWELS & BIN LINERS

CENTRE FOLD HAND TOWELS QTY 2880	INTERFOLD HAND TOWELS QTY 3000	BEIGE HAND TOWEL QTY 5000	JUMBO TOILET ROLL 2PLY QTY 6
			
PART CODE 8000016	PART CODE SHO215C	PART CODE SHO221A	PART CODE 8000643A
TOILET ROLL 2PLY 7200 SHEETS	TOILET TISSUE 2PLY 36 X 250 SHEETS	KATRIN TOILET TISSUE 2PLY 36 X 800 SHEETS	TOILET ROLLS QTY 36
			
PART CODE 183-1510	PART CODE KC8040	PART CODE SHO074	PART CODE TR2
CENTRE FEED BLUE ROLLS QTY 6	MINI JUMBO T-ROLL QTY 12	WHITE CENTRE FEED ROLL QTY 6	SMALL BIN LINERS QTY 1000
			
PART CODE PAP04A	PART CODE SHO083	PART CODE SHO142	PART CODE 80000693
BIN LINERS 15" X 24" X 24" QTY 100	BLACK REFUSE SACKS 18" X 29" X 34" QTY 200	CLEAR REFUSE SACKS 8" X 29" X 39" QTY 200	POLYTHENE REFUSE SACKS QTY 50
			
PART CODE 80000697	PART CODE 80000709	PART CODE BPS210C	PART CODE C25100

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## RAGS & WIPES

FLANNELETTE RAGS  
10KG BAG



PART CODE RAG1

WHITE COTTON RAGS  
10KG BAG



PART CODE RAG2

T-SHIRT RAGS 10KG  
BAG



PART CODE RAG3

TERRY TOWELLING  
RAGS 10KG BAG



PART CODE RAG4

MULTI-USE WONDER  
WIPES QTY 80 WIPES



PART CODE WIPE80

NON-ABRASIVE HAND  
WIPES QTY 80 WIPES



PART CODE G62102

NON-ABRASIVE HAND  
WIPES QTY 100 WIPES



PART CODE G62104

ABRASIVE HAND WIPES  
QTY 70 WIPES



PART CODE G62106

ABRASIVE HAND  
WIPES QTY 100 WIPES



PART CODE G62108



# GLOVES

DISPOSABLE NITRILE PLUS GLOVES - BOX QTY 100		DISPOSABLE NITRILE PLUS GLOVES - BOX QTY 100		POWDER FREE NITRILE GLOVES - BOX QTY 100		MULTI-TASK 3 GLOVES - QTY 1 PAIR	
							
MEDIUM	C23510	MEDIUM	C23516	MEDIUM	92600M	MEDIUM	C23080
LARGE	C23511	LARGE	C23517	LARGE	92600L	LARGE	C23081
X LARGE	C23512	X LARGE	C23518	X LARGE	92600XL	X LARGE	C23082
MULTI-TASK 5 GLOVES - QTY 1 PAIR		DISPOSABLE NITRILE GRIP GLOVES - BOX QTY 90		DISPOSABLE NITRILE GLOVES - BOX QTY 100		PU COATED GLOVES - BOX QTY 10	
							
MEDIUM	C23083	MEDIUM	C23500	MEDIUM	C23424	MEDIUM	C23445
LARGE	C23084	LARGE	C23501	LARGE	C23425	LARGE	C23446
X LARGE	C23085	X LARGE	C23502	X LARGE	C23426	X LARGE	C23447
NITRILE COATED GLOVES - BOX QTY 10		DISPOSABLE NITRILE GLOVES - BOX QTY 100		DISPOSABLE LATEX GLOVES - BOX QTY 100		POWDER FREE DISPOSABLE LATEX GLOVES - BOX QTY 100	
							
MEDIUM	C23406	MEDIUM	C23303	SMALL	C23310	SMALL	C23315
LARGE	C23407	LARGE	C23304	MEDIUM	C23311	MEDIUM	C23316
X LARGE	C23408	X LARGE	C23305	LARGE	C23312	LARGE	C23317
XX LARGE	C23409	XX LARGE	C23306	X LARGE	C23313	X LARGE	C23318
DISPOSABLE VINYL GLOVES - BOX QTY 100		CUT LEVEL 5 SAFETY GLOVES - QTY 1 PAIR		EMERALD CX GLOVE, PVC PALM WINTER GLOVE - 1 PAIR		LATEX PALM COATED GRIP GLOVES - QTY 1 PAIR	
							
SMALL	C23559	MEDIUM (8)	GLOVE37	MEDIUM	SUSCXTAPVCM	LARGE	GLOVE11
MEDIUM	C23560	LARGE (9)	GLOVE36	LARGE	SUSCXTAPVCL	X LARGE	GLOVE11A
LARGE	C23570	X LARGE (10)	GLOVE35	X LARGE	SUSCXTAPVCXL		
X LARGE	C23580	XX LARGE (11)	GLOVE34	XX LARGE	SUSCXTAPVCXXL		

## GLOVES

PU PALM COATED GLOVES - QTY 1 PAIR 		PU PALM COATED PU PRECISE GLOVES, QTY 1 PAIR 		PACIFIC WATERSAFE CUT LEVEL 5 GLOVES - QTY 1 PAIR 		TREMALO ANTI-VIBRATION GLOVES - QTY 1 PAIR 	
SMALL	GLOVE40S	SMALL	GLOVE14	LARGE	WS3-9	LARGE	GLOVE13
MEDIUM	GLOVE40M	LARGE	GLOVE10	X LARGE	WS3-10		
LARGE	GLOVE40L	X LARGE	GLOVE10B				
X LARGE	GLOVE40XL	XX LARGE	GLOVE10C				
XX LARGE	GLOVE40XXL	LARGE GREY	GLOVE10A				
HQ LEATHER WELDERS GAUNTLETS - QTY 1 PAIR 							
UNIVERSAL FIT	C23411						

## CHAINSAW SAFETY EQUIPMENT

CHAINSAW SAFETY GLOVES, CLASS 0 - QTY 1 PAIR 		HI-VIS CHAINSAW SAFETY TROUSERS 		CHAINSAW SAFETY DUNGAREES 		FORESTRY KIT - HELMET, MESH VISOR, EAR PROTECTORS 	
LARGE	GLOVE8	X LARGE	NR011	SIZE 40	DUNGAREE	PART CODE	PW98
X LARGE	GLOVE8A						
CHAINSAW SAFETY GAITERS 		HI-VIS QUICK RELEASE RUCKSACK 					
PART CODE	RWCH005	PART CODE	RSACKHIVISQR				



## PPE

CLEAR SAFETY GOGGLES	ELASTICATED SAFETY GOGGLES	GRINDING GOGGLES	FLIP-UP WELDING GOGGLES
			
PART CODE   C23430	PART CODE   GOG1	PART CODE   C23432	PART CODE   C23350
GAS WELDING GOGGLES	UVEX ULTRAVISION GOGGLES G5	WIDE VISION SAFETY GOGGLES	UVEX PACIFIC SKI GOGGLES
			
PART CODE   C23420	PART CODE   C23370	PART CODE   C23431	PART CODE   C23435
RED EAR DEFENDERS SNR27	EAR DEFENDERS 40DB	SPARK PLUG EARPLUGS STATION 35DB C/W 250 PAIRS	SPARK PLUG DISPOSABLE EARPLUGS 35DB QTY 25 PAIRS
			
PART CODE   EARDEFEND	PART CODE   C23450	PART CODE   C23525	PART CODE   C23524
PURA-BAND BANDED EARPLUGS 22DB QTY 2	PURA-FIT DISPOSABLE EARPLUGS 36DB QTY 20 PAIRS	ROCKETS CORD RESUABLE EARPLUGS 30DB	HI-VIS THINSULATE BALACLAVA WITH EAR MESH
			
PART CODE   C23520	PART CODE   C23530	PART CODE   C23521	PART CODE   THBOR

# TAPE

Part Code	Description	Size	Colour	Pack Size
TAPE1BLK	Insulation Tape	19mm x 20m		1
600056	Insulation Tape	19mm x 33m		1
600054	Insulation Tape	19mm x 33m		1
600053	Insulation Tape	19mm x 33m		1
600052	Insulation Tape	19mm x 33m		1
600051	Insulation Tape	19mm x 33m		1
600050	Insulation Tape	19mm x 33m		1
TAPEYEL25	Insulation Tape	25mm x 33m		1
TAPERED25	Insulation Tape	25mm x 33m		1
600057	Insulation Tape	50mm x 33m		1
600058	Insulation Tape	50mm x 33m		1
600059	Insulation Tape	50mm x 33m		1
X14280	Insulation Tape	19mm x 20m		10

Part Code	Description	Size	Colour	Pack Size
C25510	Lane Marking Tape	50mm x 33m		1
C25511	Lane Marking Tape	50mm x 33m		1
C25512	Lane Marking Tape	50mm x 33m		1
C25513	Lane Marking Tape	50mm x 33m		1
C25514	Lane Marking Tape	50mm x 33m		1
C25515	Lane Marking Tape	50mm x 33m		1

Part Code	Description	Size	Colour	Pack Size
600049	Anti-Slip Tape	50mm x 18m		1
600048	Anti-Slip Tape	50mm x 18m	CLEAR	1
600047	Anti-Slip Tape	24mm x 5m		1
C25500	Anti-Slip Tape	50mm x 18m		1

Part Code	Description	Size	Colour	Pack Size
MT1	Masking Tape	24mm x 50m		1
D31112	Scotch Masking Tape	24mm x 50m		6
600040	Masking Tape	25mm x 50m		1
D31100	Advance Masking Tape	25mm x 50m		6
D31085	Masking Tape	25mm x 50m		72
600043	Masking Tape	38mm x 50m		1
D31114	Scotch Masking Tape	48mm x 50m		3
D31090	Masking Tape	48mm x 50m		6
D31095	Masking Tape	48mm x 50m		24
600041	Masking Tape	50mm x 50m		1
D31110	Advance Masking Tape	50mm x 50m		3
600042	Masking Tape	75mm x 50m		1

Part Code	Description	Size	Colour	Pack Size
C25520	Hazard Tape	50mm x 33m		1
C25521	Hazard Tape	50mm x 33m		1
C25522	Hazard Tape	50mm x 33m		1

Part Code	Description	Size	Colour	Pack Size
C25525	Barrier Tape	70mm x 500m		1
C25526	Barrier Tape	70mm x 500m		1

Part Code	Description	Size	Colour	Pack Size
B14190	Rubawrap	25mm x 5m		1
B14195	Rubawrap	50mm x 5m		1

Part Code	Description	Size	Colour	Pack Size
B14302	Nitto PVC Tape	19mm x 20m		120
B14304	Advance PVC Tape	19mm x 20m		10
B14306	Advance PVC Tape	19mm x 20m		10
B14308	Advance PVC Tape	19mm x 20m		10
B14310	Advance PVC Tape	19mm x 20m		10
B14312	Advance PVC Tape	19mm x 20m		10
B14314	Advance PVC Tape	19mm x 20m		10
B14316	Advance PVC Tape	19mm x 20m		10
B14200	Advance PVC Tape	19mm x 20m		10
B14220	Insulation PVC Tape	19mm x 20m		10
B13230	Insulation PVC Tape	19mm x 20m		10
B14240	Insulation PVC Tape	19mm x 20m		10
B14250	Insulation PVC Tape	19mm x 20m		10
B14260	Insulation PVC Tape	19mm x 20m		10
B14270	Insulation PVC Tape	19mm x 20m		10
B14280	Insulation PVC Tape	19mm x 20m		10
B14135	Non-Adhesive PVC	19mm x 40m		1

Part Code	Description	Size	Colour	Pack Size
B14185	Gaffer Tape	50mm x 50m		2
B14187	Gaffer Tape	50mm x 50m		2
B14188	Gaffer Tape	50mm x 50m		2
B14175	Gaffer Tape	100mm x 50m		2
B14170	Advance Gaffer Tape	50mm x 50m		2
B14180	Advance Gaffer Tape	50mm x 50m		2
B14181	Advance Gaffer Tape	50mm x 50m		2

Part Code	Description	Size	Colour	Pack Size
72047C	Mesh Cloth Tape	50mm x 50m		1

TAPE 18

## TAPE

Part Code	Description	Size	Colour	Pack Size
111445	Foil Duct Tape	50mm x 50m		1
600061	Heavy Duty Duct Tape	50mm x 50m		1
600060	Heavy Duty Duct Tape	50mm x 50m		1
600063	Heavy Duty Duct Tape	50mm x 20m	CLEAR	1
600067	Super Heavy Duct Tape	50mm x 50m		1
600066	Super Heavy Duct Tape	50mm x 50m		1

Part Code	Description	Size	Colour	Pack Size
D31130	Double Sided Foam Tape	9mm x 10m		5
D31115	Double Sided Foam Tape	12mm x 10m		3
D31140	Double Sided Foam Tape	12mm x 10m		2
D31150	Double Sided Foam Tape	19mm x 10m		2
D31120	Double Sided Foam Tape	19mm x 10m		3
D31160	Double Sided Foam Tape	25mm x 10m		2
D31125	Double Sided Foam Tape	25mm x 10m		3
D31170	Double Sided Foam Tape	50mm x 10m		1

Part Code	Description	Size	Colour	Pack Size
C28062	Fragile Tape	48mm x 66m		6
C28060	This Way Up Tape	48mm x 66m		6
TAPECECB	Electric Cables Below Tape	150mm x 365m		1
TAPEQU01	Quarantine Tape	50mm x 66m		1

Part Code	Description	Size	Colour	Pack Size
TAPEREFLECT	Reflective Tape	55mm x 50m		1
600064	Hi-Vis Tape	50mm x 50m		1

Part Code	Description	Size	Colour	Pack Size
B14199	LIFA Compression Tape	25mm x 1m		1

Part Code	Description	Size	Colour	Pack Size
600044	Aluminium Foil Tape	50mm x 45m		1
600045	Aluminium Foil Tape	75mm x 45m		1
600046	Aluminium Foil Tape	100mm x 50m		1

Part Code	Description	Size	Colour	Pack Size
B14165	PTFE Gas Sealing Tape	12mm x 5m		10
B14160	PTFE Thread Sealing Tape	12mm x 12m		10

Part Code	Description	Size	Colour	Pack Size
GORTAPE	Gorilla Repair Tape	48mm x 8.2m	CLEAR	1

Part Code	Description	Size	Colour	Pack Size
B14140	Packing Tape	25mm x 66m	CLEAR	3
C28070	Packing Tape	48mm x 66m	CLEAR	6
C28066	Parcel Tape	50mm x 66m		36

Part Code	Description	Size	Colour	Pack Size
B14130	Anti-Corrosion Tape	50mm x 10m		1

## ACCESSORIES

PARCEL TAPE DISPENSING GUN



PART CODE C28068



## JERRY CANS



Part Code	Litre	Colour	Type	Material
300029	5 Litre	Black	UN Standard	Steel
300030	5 Litre	Red	UN Standard	Steel
300031	5 Litre	Yellow	UN Standard	Steel
300032	5 Litre	Green	UN Standard	Steel



Part Code	Litre	Colour	Type	Material
300025	10 Litre	Black	UN Standard	Steel
300026	10 Litre	Red	UN Standard	Steel
300027	10 Litre	Yellow	UN Standard	Steel
300028	10 Litre	Green	UN Standard	Steel



Part Code	Litre	Colour	Type	Material
300021	20 Litre	Black	UN Standard	Steel
300022	20 Litre	Red	UN Standard	Steel
300023	20 Litre	Yellow	UN Standard	Steel
300024	20 Litre	Green	UN Standard	Steel
300047	20 Litre	Blue	UN Standard	Steel



Part Code	Litre	Colour	Type	Material
300041	5 Litre	Black	Screw Top	Steel
300042	5 Litre	Red	Screw Top	Steel
300043	5 Litre	Yellow	Screw Top	Steel
300044	5 Litre	Green	Screw Top	Steel



Part Code	Litre	Colour	Type	Material
300037	10 Litre	Black	Screw Top	Steel
300038	10 Litre	Red	Screw Top	Steel
300039	10 Litre	Yellow	Screw Top	Steel
300040	10 Litre	Green	Screw Top	Steel



Part Code	Litre	Colour	Type	Material
300033	20 Litre	Black	Screw Top	Steel
300034	20 Litre	Red	Screw Top	Steel
300035	20 Litre	Yellow	Screw Top	Steel
300036	20 Litre	Green	Screw Top	Steel



## JERRY CANS



Part Code	Litre	Colour	Type	Material
JC5LEXY	5 Litre		Explosion Proof	Steel
JC10LEXY	10 Litre		Explosion Proof	Steel
JC10LEXB	10 Litre		Explosion Proof	Steel
JC5LEXR	5 Litre		Explosion Proof	Steel



Part Code	Litre	Colour	Type	Material
JC10LGSCREW	10 Litre		Horizontal	Steel
JC10LRSCREW	10 Litre		Horizontal	Steel

## ACCESSORIES



Part Code	Colour	Type
300045		Rigid Pouring Spout UN Type
300046		Flexible Pouring Spout Screw Type



Part Code	Colour	Type
BOT5L		Plastic Bottle with Cap
BOT10L	Clear	Plastic Bottle with Cap

### Jug & Flexi Spout

Part Code	Size
G66060	1 Litre
G66070	2 Litre
G66075	3 Litre
G66080	5 Litre



### Measuring Jug

Part Code	Size
300001	1.5 Litre
JUG3	5 Litre



### Measuring Jug

Part Code	Size
300002	250ml
300003	500ml
300004	1 Litre
300005	2 Litre
300006	5 Litre



### 2 Stroke Oil Mixing Jug

Part Code	Size
300011	-



## ACCESSORIES

### Round Plastic Funnel with Spout & Filter

Part Code	Size
FUN1	160mm
FUN2	130mm



### 4 Piece Round Funnel Set

Part Code	Size
FUN4	50, 75, 100, 120mm



### Round Plastic Funnel with Filter

Part Code	Size
FUN3	160mm



### Round Funnel with Flexi Spout

Part Code	Size
G66030	162mm







### Rectangular Funnel

Part Code	Size	Information
FUN3A	300mm	Complete with Stainless Steel Filter



## SPILL MANAGEMENT

<p>ABSORBENT LIGHT WEIGHT PADS, 500MM X 400MM QTY 200</p>  <p>PART CODE    G65940</p>	<p>ABSORBENT HEAVY WEIGHT PADS, 500MM X 400MM QTY 200</p>  <p>PART CODE    G65935</p>	<p>ABSORBENT HEAVY WEIGHT ROLLS</p>  <p>PART CODE    G65945</p>	<p>ABSODAN ABSORBENT GRANULES 20L</p>  <p>PART CODE    G65982</p>
<p>ISOL8 ORGANIC ABSORBENT 1.3KG</p>  <p>PART CODE    G65975</p>	<p>MULTI-ZORB ABSORBENT GRANULES 20L</p>  <p>PART CODE    G65980</p>	<p>SPILL KIT, EMERGENCY OIL, VINYL BAG 50L</p>  <p>PART CODE    SK500</p>	<p>MINI OIL ONLY SPILL KIT 10L</p>  <p>PART CODE    VC683</p>
<p>SPILL KIT, EMERGENCY, MAINTENANCE VINYL BAG 50L</p>  <p>PART CODE    SK50U</p>	<p>OIL SPILL SHEETS 500MM X 400MM QTY 200</p>  <p>PART CODE    H0425040</p>	<p>UNIVERSAL ABSORBENT SOCKS, 75MM X 1.2MM QTY 2</p>  <p>PART CODE    G65950</p>	<p>UNIVERSAL SPILL KIT CONTROL 30L</p>  <p>PART CODE    G65955</p>

### Plant Nappies

Part Code	Size	Description
PNS	685mm x 500mm	Plant Nappy, Small
PNM	1000mm x 685mm	Plant Nappy, Medium
PNL	2000mm x 1370mm	Plant Nappy, Large

### Plant Nappy Liners

Part Code	Size	Description
PNSL	685mm x 500mm	Plant Nappy Liner, Small
PNML	1000mm x 685mm	Plant Nappy Liner, Medium
PNLL	2000mm x 1370mm	Plant Nappy Liner, Large



## BATTERIES

Part Code	Description
AABATTERY	Long Life AA Battery
AAABATTERY	Long Life AAA Battery
LANTBAT	Lantern Battery for use with TILDAWN
400010	Varta Gel Filled Battery to suit Wacker Plate D52
508901	Varta 12V 8.6Ah Motorcycle Battery
BATT663	Energy 663 Greenmech Chipper 12V 110Ah 680 CCA Battery
BATT15	Varta Battery 15 Greenmech Chipper 12V 110Ah 680 CCA Battery
G2	Varta Battery G2 12V 20Ah
VARTA	Varta Anti-Vibration, Anti-Spill 815 Cranking Amps 50Ah
VARTA049	Towerlight Battery 45Ah 12V (MOSA 6000SX/GS)
VARTA1	Varta Battery D24 60Ah 12V
VARTA10	Varta D59 Battery 12V 60Ah 540 CCA suits TL90 Light Tower
VARTA3	Varta Battery Blue Dynamics E24 70Ah 12V suits MK4, TL90
VARTA6	Varta Battery 12V 44Ah (VTI Tower Light / Timberwolf Chippers) TW4210
VARTA8	Varta 508901 Battery 12V 8Ah 150A
VARTA9	Varta Battery Heavy Duty Marine 140Ah 12V
ARCBAT	Arcgen Battery Welder Gen 8Ah 12V 4TX9-BS
EROSMC	Mini Eros Board Early Warning Battery Only
700013	20W Battery Light
MCE1632	Battery Pack for Mini Eros Board
4932451245	Milwaukee M18 9Ah Red Lithium-Ion Battery

## CABLE TIES

### Black Cable Ties

Part Code	Length	Width	Colour	Pack Size
600003	100mm	3.6mm	Black	100
TIE1	120mm	4.8mm	Black	100
600004	140mm	3.6mm	Black	100
600005	160mm	2.5mm	Black	100
TIE2	160mm	4.8mm	Black	100
600007	200mm	2.5mm	Black	100
600008	200mm	3.6mm	Black	100
TIE3	200mm	4.8mm	Black	100
600010	250mm	4.8mm	Black	100
600011	300mm	3.6mm	Black	100
TIE4	300mm	4.8mm	Black	100
600013	300mm	7.6mm	Black	100
TIE5	370mm	4.8mm	Black	100
600015	370mm	7.6mm	Black	100
TIE6	430mm	4.8mm	Black	100
600017	430mm	9mm	Black	100
600018	450mm	7.6mm	Black	100
600019	480mm	13mm	Black	100
600020	530mm	9mm	Black	100
600021	540mm	7.6mm	Black	100
600022	580mm	13mm	Black	100
600023	710mm	9mm	Black	100
600024	780mm	9mm	Black	100
600025	1030mm	13mm	Black	100

### Coloured Cable Ties

Part Code	Length	Width	Colour	Pack Size
AN20R	200mm	4.8mm	Red	100
AN20B	200mm	4.8mm	Blue	100
AN20G	200mm	4.8mm	Green	100
AN20Y	200mm	4.8mm	Yellow	100
F20349	200mm x 10mm 50mm x 20mm		Black, Red, Blue, Green, Yellow	250

### Stainless Steel Cable Ties

Part Code	Length	Width	Colour	Pack Size
B12790	210mm	4.6mm	Stainless Steel	50

### Cable Tie Bases

Part Code	Size	Info	Pack Size
600026	20mm x 20mm		100
600027	28mm x 28mm		100
B12550	4.8mm	Screw	50
B12570	3.5mm	Adhesive	50
B12580	4.7mm	Adhesive	50



25 CABLE TIES

## MAINTENANCE AEROSOLS

### FORCE BRAKE & PARTS CLEANER



- Instantly removes brake dust, oil & grease - leaves no residue
- Apply without dismantling parts
- Helps prevent brake squeal
- Acetone free - non-corrosive to brake rubbers

Part Code	Size	Type	Qty
X61350	150ml	Aerosol	12
X61400	400ml	Aerosol	6
X61410	1L	Bottle	1
X61412	1L	Bottle	12

### SPT BRAKE PARTS CLEANER



- Heavy duty formula
- Improves brake action by removing grime

Part Code	Size	Type	Qty
G62300	500ml	Aerosol	1

### FORCE POWER SPRAY & FLUID



- High specification maintenance spray
- Silicone free for body shop use
- Multi-angle 360° spray nozzle
- With PTFE
- \*supplied empty for use with X61270

Part Code	Size	Type	Qty
X61255	400ml	Aerosol	6
X61250	400ml	Aerosol (Display Pack)	12
X61270	5L	Plastican	1
X61280	5L & 400ml	Plastican & Trigger Spray	5
X61275	400ml	Trigger Spray Applicator*	4

### FORCE MAINTENANCE SPRAY / FLUID



- High specification multi-purpose spray / fluid
- Displaces moisture, cleans & lubricates
- Low viscosity for maximum coverage
- Provides long lasting protection from moisture

Part Code	Size	Type	Qty
X61742	400ml	Aerosol	6
X61755	5L	Plastican	1

### FORCE BATTERY TERMINAL PROTECTOR



- Provides effective protection of battery & electrical terminals
- Repels moisture & maintains best possible contact
- Protects against corrosion, acid & general weathering effects
- Ensures best possible connections

Part Code	Size	Type	Qty
X61550	400ml	Aerosol	6

### FORCE PENETRATING & GRAPHITE



- Tough graphite enhanced lubricant
- Powerful heavy-duty industrial formula for maximum penetration
- Directional jet for inaccessible areas
- Provides a strong graphite film providing a high level of lubrication

Part Code	Size	Type	Qty
X61775	400ml	Aerosol	6



## MAINTENANCE AEROSOLS

### FORCE CLEAR GREASE



- Minimum visibility, maximum lubrication
- Ideal for brake pipes, mechanisms, hinges & linkages
- Protects against wear & corrosion
- Resistant to water, heat & salt

Part Code	Size	Type	Qty
X61780	400ml	Aerosol	6

### FORCE WIRE ROPE & CHAIN LUBE



- Tenacious coating for chains, cables & open gearing etc
- Reduces wear & increases component life
- High-grip 'stay-put' coating
- Easy to apply in-situ

Part Code	Size	Type	Qty
X61740	400ml	Aerosol	6

### FORCE SILICONE SPRAY



- Universal applications across all industries
- Highly effective on slides, bearings, conveyors & manufacturing equipment
- Lubricates window channels, CV boots & hoses
- Safe for environments where non-direct contact with food stuffs may be a risk

Part Code	Size	Type	Qty
X61700	400ml	Aerosol	6

### FORCE WHITE GREASE WITH PTFE



- Visible white lubricant
- Resistant to heat, salt & moisture
- Ideal for linkages, latches, gears & hinges etc
- Weatherproofs & protects against corrosive elements

Part Code	Size	Type	Qty
X61750	400ml	Aerosol	6

### FORCE DRY FILM FOOD SAFE LUBRICANT WITH PTFE



- A transparent general purpose food safe lubricant & penetrant with PTFE
- High quality triple action lubricant which frees, lubricates & coats
- Applies a tough, dry coating effective long after liquid lubricants have disappeared
- Effective working temperature from -30°C to 220°C

Part Code	Size	Type	Qty
X61720	400ml	Aerosol	6

### FORCE WHITE FOOD GREASE



- Silicone free light oil lubricant
- Heat stable
- Non-toxic
- Also for use in all food-safe environments

Part Code	Size	Type	Qty
X61725	400ml	Aerosol	6

## MAINTENANCE AEROSOLS

### FIXT AIR CON CLEANER



- Cleans & disinfects all air con systems
- Destroys mildew, fungi & bacteria
- Eliminates odours & prevents the formation of new fungi
- Fast, effective & simple to use

Part Code	Size	Type	Qty
FX081200	90ml	Aerosol	12

### FIXT DE-ICER



- 100% active blend of isopropyl alcohol & glycol. Non-toxic, safe to use & effective to temperatures of -9°C
- Rapidly removes ice deposits from screens & door locks
- Powerful jet nozzle
- Will not damage paintwork, glass & seals
- Prevents refreezing

Part Code	Size	Type	Qty
FX081201	400ml	Aerosol	6

### DE-ICER TRIGGER SPRAY



- Easy trigger action
- Powerful formulation quickly removes frost & ice
- Suitable for windscreens & de-icing locks

Part Code	Size	Type	Qty
G61992	500ml	Bottle	12
G61994	750ml	Bottle	12

### FORCE GLASS CLEANER



- Fast acting foam, pleasant to smell & easy to use
- Non-smearing & leaves no greasy film residue
- Ideal for screens, VDU's, light fittings & mirrors

Part Code	Size	Type	Qty
X61670	400ml	Aerosol	6

- For use in automotive, industrial, home & retail

### FORCE UNIVERSAL FOAM CLEANER



- Tough, fast acting foaming cleaner
- Rapidly removes dirt from trims, fabrics, tools & equipment
- Foaming action provides deeper cleansing & longer working time
- Also suitable as a hard surface cleaner for plastics, glass, wood & whiteboards

Part Code	Size	Type	Qty
X61710	400ml	Aerosol	6

### FORCE COCKPIT SHINE



- Fragranced polish that cleans & restores
- For vinyl, leather & rubber trim
- Contains silicone
- Long lasting cherry fragrance

Part Code	Size	Type	Qty
X61650	400ml	Aerosol	6

## CLEANING

### FORCE COCKPIT SHINE SILICONE FREE



- Restores vinyl, leather & rubber trim
- Ideal for paint & body shops
- Long lasting apple fragrance

Part Code	Size	Type	Qty
X61660	400ml	Aerosol	6

### AMOR ALL DASHBOARD WIPES



- Cleans, shines & protects
- Gloss finish
- Great for plastic & vinyl

Part Code	Size	Type	Qty
G61925	-	Tub of 25 Wipes	1

### STP 'SON OF A GUN'



- Restores the lustre & shine of vinyl, leather, rubber, PVC, wood & plastic
- Helps protect against the effects of weathering

Part Code	Size	Type	Qty
G62420	250ml	Pump Bottle	1

### FORCE BUMPER & TRIM SHINE



- Removes oil & stains
- Gives a long lasting shine
- Contains silicone

Part Code	Size	Type	Qty
X61640	400ml	Aerosol	1

### FOOD SAFE STICKY LABEL REMOVER



- Penetrates & dissolves adhesives

Part Code	Size	Type	Qty
R424	400ml	Aerosol	1

### STP CARB SPRAY CLEANER



- Removes sludge & dirt build up on carburettors, chokes & linkages

Part Code	Size	Type	Qty
G62310	500ml	Aerosol	1



## CLEANING

### BARRIER CREAM



- Moisturising hand protection with bactericide

Part Code	Size	Type	Qty
R250	400ml	Aerosol	1

### DRIVE & BEARING LUBRICANT



- Extreme pressure lubricant for drive chains & bearings

Part Code	Size	Type	Qty
R229	400ml	Aerosol	1

### CHAIN & WIRE LUBRICANT



- Anti-fling lubricant reinforced with molybdenum disulphide

Part Code	Size	Type	Qty
R220	400ml	Aerosol	1

### INDUSTRIAL FAST DRYING CLEANER



- Fast drying solvent based cleaner
- Leaves no residue

Part Code	Size	Type	Qty
R207	400ml	Aerosol	1

# ENGINE ADDITIVES

PETROL TREATMENT 325ML		PETROL INJECTOR CLEANER 325ML		GOLD EDITION PETROL TREATMENT 325ML		DIESEL TREATMENT 325ML	
							
PART CODE	SGA01	PART CODE	SGA02	PART CODE	SGA03	PART CODE	SGA04
GOLD EDITION DIESEL TREATMENT 325ML		ENGINE FLUSH TREATMENT 350ML		OIL STOP & SMOKE TREATMENT 450ML		DIESEL TREATMENT TRUCK & CV 300ML	
							
PART CODE	SGA05	PART CODE	SGA06	PART CODE	SGA07	PART CODE	SGA10
OIL TONIC / SUPPLEMENT 325ML		RADIATOR FLUSH 350ML		DIESEL TREATMENT DPF CLEANER 325ML		HYDRAULIC VALVE TREATMENT 325ML	
							
PART CODE	SGA11	PART CODE	SGA14	PART CODE	SGA17	PART CODE	SGA19
ADBLUE DIESEL ADDITIVE 1L		ADBLUE DIESEL ADDITIVE 5L		ADBLUE DIESEL ADDITIVE 10L			
							
PART CODE	SGAD1	PART CODE	SGAD5	PART CODE	SGAD10		

# GREASE

MAINTENANCE 32


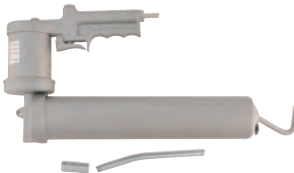




EP2 LITHIUM CARTRIDGE MULTI-PURPOSE GREASE, 400G		CORROSION BLOCK GREASE, 454G		EP2 MOLYLITHIUM 2, 12.5KG		BOSCH GREASE TUBE, 30ML	
							
PART CODE	GRE3	PART CODE	ACF50	PART CODE	GRE9	PART CODE	1 615 430 010
GREASE FOR TELESCOPIC BOOM		EP2 LITHIUM COMPLEX CARTRIDGE GREASE, 400G		FORCE GREASE WITH PTFE, 400ML QTY 6		GRAPHITE HAMMER GREASE, SEMI-SYNTHETIC, 400ML	
							
PART CODE	0781 120 6000	PART CODE	GRE3A	PART CODE	X61750	PART CODE	GRE10B
RED LITHIUM COMPLEX GREASE CARTRIDGE, 400G		COPPER GREASE, 20G QTY 12		COPPER GREASE, 70G QTY 12		FORCE CLEAR GREASE, 400ML QTY 6	
							
PART CODE	TG9004	PART CODE	G65850	PART CODE	G65930	PART CODE	X61780
FORCE LITHIUM GREASE, 500G QTY 6		FORCE CV JOINT GREASE, 500G QTY 6		FORCE WHITE FOOD GREASE, 400ML QTY 6		FORCE COPPER ANTI-SIEZE GREASE, 500G QTY 6	
							
PART CODE	X69925	PART CODE	X69940	PART CODE	X61725	PART CODE	X69932



## GREASE

RED RUBBER GREASE, 500G		FORCE COPPER ANTI-SIEZE GREASE, 500G		MO2 LITHIUM MOLYBENUM DISULPHIDE, 400ML QTY 36		FORCE COPPER GREASE AEROSOL, 400ML QTY 6	
							
PART CODE	G65960	PART CODE	X69930	PART CODE	GRE10	PART CODE	X61570

## ACCESSORIES

MINI GREASE GUN		AIR DRIVEN GREASE GUN		HEAVY DUTY LEVER GREASE GUN		PISTOL TYPE GREASE GUN	
							
PART CODE	G65705	PART CODE	G65710	PART CODE	G65701	PART CODE	G65708
HEAVY DUTY LEVER GREASE GUN		UMETA GREASE GUN METAL BODY					
							
PART CODE	G65700	PART CODE	TL922				

# OIL

## WD-40



100ML SPRAY	OIL14
200ML SPRAY	OIL15
450ML SMART STRAW SPRAY	OIL2
600ML SPRAY	OIL29
VALUE PACK 5L C/W BOTTLE	OIL12

## CHAINSAW OIL



ANTI-FLING 1L	OIL6
ANTI-FLING 5L	OIL28
ANTI-FLING 20L	OIL28A
4.5L	OIL6A

## TWO STROKE OIL



SEMI-SYNTHETIC 100ML	OIL1
FULLY SYNTHETIC 100ML	OIL1SYN
SUPER 100ML	OIL1A
SEMI-SYNTHETIC 1L	OIL46A
FULLY SYNTHETIC 1L	OIL46
SUPER 1L	OIL1C
5L	OIL7

## HYDRAULIC OIL



GRADE T46B 1L	OIL33D
GRADE T46B 5L	OIL33A
GRADE T46B 20L	OIL33
GRADE T46B 205L	OIL33C
GRADE T15 5L	OIL37
GRADE T15 20L	OIL37A
GRADE T32, ISO32 5L	OIL42A
GRADE T32, ISO32 20L	OIL42
GRADE T37 20L	OIL47
FULLY SYNTHETIC T46 20L	OIL69

## ENGINE OIL



SAE30 5L	OIL21
SAE30 10W30 20L	OIL24
5W40 1L	OIL5W40
FULLY SYNTHETIC 5W40 5L	OIL51
10W30 5L	OIL52
10W30 20L	OIL32B
SEMI SYNTHETIC 10W40 1L	OIL32I
SEMI SYNTHETIC 10W40 5L	OIL32F
SEMI SYNTHETIC 10W40 20L	OIL32
FULLY SYNTHETIC 10W40 20L	OIL32C
SEMI SYNTHETIC 10W40 205L	OIL50
SEMI SYNTHETIC 15W40 20L	OIL32A

## 3-IN-1 OIL



OIL DRIP APPLICATOR 100ML	OIL18
OIL DRIP APPLICATOR 200ML	OIL19
OIL SPRAY 200ML	OIL23

## GEAR OIL



INDIGEAR 60/80 EP68 5L	OIL38
80W/90 EP 5L	OIL43

# SEALANTS & ADHESIVES

INDUSTRIAL GRADE SUPER GLUE		GORILLA GLUE		UNIBOND EXTREME REPAIR GLUE		FORCE SUPER GLUE	
							
50G	CYN50	250ML	GRGGG250	50G	UNI153891	3G X 5	X60270
		1L	GRGGG1			5G X 5	X60280
FORCE INDUSTRIAL GRADE SUPER GLUE		FORCE SUPER GLUE INSTANT GEL		FORCE SPRAY ADHESIVE		EVO-STIK IMPACT ADHESIVE	
							
20G X 3	X60300	3G X 5	X60308	400ML X 6	X61600	65G	EVOIMPL
20G X 10	X60302	20G X 3	X60310				
LOCTITE INSTANT ADHESIVE		LOCTITE ALL PURPOSE ADHESIVE		LOCTITE 480 PRISM CYANOACRYLATE ADHESIVE		FORCE INSTANT POWER ADHESIVE	
							
20G	G60630	20ML	G60727	20G	LOC7255045N	3G X 2	X60328
FORCE ASSORTED ANAEROBIC ADHESIVES		FORCE BATTERY TERMINAL PROTECTOR		FORCE SILICONE SPRAY		BITUMEN COLD SEALER & TACK SPRAY	
							
10ML X 4	X60360	400ML X 6	X61550	400ML X 6	X61700	500ML	BITUSPRAY
50ML X 3	X60362						



# PAINT

## MARKER PAINT

Part Code	Description	Size	Colour
RELIN1A	Line Marker Paint	750ml	Black
RELIN2A	Line Marker Paint	750ml	Blue
RELIN3A	Line Marker Paint	750ml	Green
RELIN4A	Line Marker Paint	750ml	Orange
RELIN5A	Line Marker Paint	750ml	Red
RELIN6A	Line Marker Paint	750ml	White
RELIN7A	Line Marker Paint	750ml	Yellow
RELIN8A	Hi-Vis Line Marker Paint	750ml	Fluorescent Green
KEN7343020K	Industrial Paint Marker	750ml	Yellow
KEN7343060K	Industrial Paint Marker	750ml	Blue
KEN7343080K	Industrial Paint Marker	750ml	Green
KEN7343120K	Industrial Paint Marker	750ml	Red
KEN7343140K	Industrial Paint Marker	750ml	Orange

## ANTI-TAMPER PAINT

Part Code	Description	Size	Colour
XCHKBU	Anti-Tamper Paint	50ml	Blue
XCHKGR	Anti-Tamper Paint	50ml	Green
XCHKGRE	Anti-Tamper Paint	50ml	Grey
XCHKOR	Anti-Tamper Paint	50ml	Orange
XCHKYE	Anti-Tamper Paint	50ml	Yellow
ANTITAMP	Anti-Tamper Paint	15ml	Red

## ANTI-SLIP PAINT & AGGREGATE

Part Code	Description	Size	Colour
25000001D	Anti-Slip Paint	5L	Blue
25000001W	Anti-Slip Paint	5L	White
2500279D	Anti-Slip Paint	5L	Green
25003838D	Anti-Slip Paint	5L	Yellow
25006287	Anti-Slip Paint	5L	Grey
20499999SN	Aggregate (1 to be used with above paints)		

## PRIMER

Part Code	Description	Size	Colour
X61790	Zinc Galve Primer Spray (qty 6)	400ml	Grey
G62705	White Primer (qty 6)	400ml	White

## PREMIUM QUALITY ACRYLIC GLOSS PAINT

Part Code	Description	Size	Colour
R310	Gloss Finishing Paint	400ml	Blue
R311	Gloss Finishing Paint	400ml	Green
R312	Gloss Finishing Paint	400ml	Red
R313	Gloss Finishing Paint	400ml	Yellow
R314	Gloss Finishing Paint	400ml	Orange

## FLOOR PAINT

Part Code	Description	Size	Colour
G62690	Floor Paint	5L	Red
G62692	Floor Paint	5L	Grey

## ALUMINIUM PAINT

Part Code	Description	Size	Colour
G62710	Aluminium Paint	400ml	Grey

## GENERAL PAINT

Part Code	Description	Size	Colour
G62712	Matte Paint	400ml	Black
G62714	Satin Paint	400ml	Black
G62716	Gloss Paint	400ml	Black
G62718	Gloss Paint	400ml	White

## ANTI-CLIMB & ANTI-GRAFFITI PAINT

Part Code	Description	Size	Colour
111304	Anti-Climb Paint	1L	Black
200-C264	Matte Anti-Climb Paint	2.5L	Green
111404	Satin Anti-Graffiti Paint	2.5L	CLEAR

## ROAD PAINT

Part Code	Description	Size	Colour
CRLPW5	Road Line Paint	5L	White
CRLPY5	Road Line Paint	5L	Yellow

# 27W MAGNETIC WORK LIGHT

## 27W MAGNETIC WORK LIGHT

- Power:** 27W - 1800 Lumens
- Bulb Type:** 9 x 3W Epistar LED
- LED Life:** 50000H
- Battery Type:** 7.4V / 8800mAH Rechargeable Li-Ion Battery
- Run Time:** 5.5 Hours
- Charging Time:** 5 - 6 Hours
- Input Voltage:** AC: 100-240V DC: 12-24V
- Interface:** USB Interface for Charging Devices
- Magnetic:** 4 PCS Strong N40 Magnetic Base
- Dimensions:** 130mm x 110mm x 210mm
- Material:** Aluminium, ABS, PC
- 4 Modes:** 100% - 50% - SOS - Flashing

- |                                 |                       |
|---------------------------------|-----------------------|
| <b>4 Power Indicator Lights</b> | <b>Battery Status</b> |
| All Four Lights On:             | 100 - 75%             |
| Red Yellow Green Lights On:     | 75 - 50%              |
| Red and Yellow Lights On:       | 50 - 25%              |
| Red Light On:                   | 25 - 5%               |
| Red Light Flashing:             | < 5%                  |

Supplied with mains and car charger



**PART CODE: 260150**



37 LIGHTING & POWER



## 40W MAGNETIC WORK LIGHT

### 40W MAGNETIC WORK LIGHT

<b>Power:</b>	40W - 4000 Lumens
<b>Bulb Type:</b>	16 x 3W Bridgelux LED
<b>LED Life:</b>	50000H
<b>Battery Type:</b>	7.4V / 13200mAH Rechargeable Li-Ion Battery
<b>Run Time:</b>	4 Hours (High Output) 8 Hours (Low Output)
<b>Charging Time:</b>	4 - 5 Hours
<b>Input Voltage:</b>	AC: 100-240V DC: 12-24V
<b>Interface:</b>	USB Interface for Charging Devices
<b>Magnetic:</b>	4 PCS Strong N40 Magnetic Base
<b>Dimensions:</b>	160mm x 139mm x 311mm
<b>Material:</b>	Aluminium, ABS, PC
<b>4 Modes:</b>	100% - 50% - SOS - Flashing

4 Power Indicator Lights	Battery Status
All Four Lights On:	100 - 75%
Red Yellow Green Lights On:	75 - 50%
Red and Yellow Lights On:	50 - 25%
Red Light On:	25 - 5%
Red Light Flashing:	< 5%

**PART CODE: 260152**



Supplied with mains and car charger





## LUCIA LINK LIGHT

### LUCIA LINK LIGHT

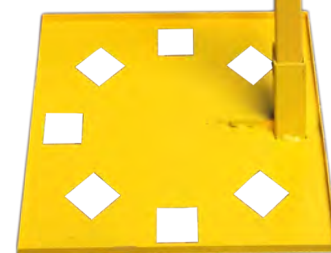
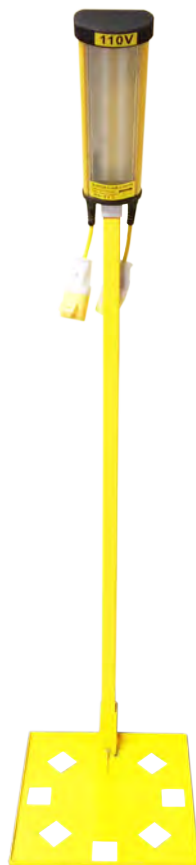
Input Voltage:	AC: 100-240V
Input Frequency:	50 - 60 Hz
Safety Level:	Class 1
Rated Power:	30W
Lamp Lumens:	3600 Lumens
Colour:	6400K
Angle:	180 Degrees
Working Temperature:	Temperature -22°C / + 55°C
Light IP Rating:	IP67
Plug IP Rating:	IP44
LED Lifetime:	30000 Hours
Size:	64cm x 11cm x 6.5cm
Weight:	1.3kg

**PART CODE: 410000**

**Additional Extras:**

Mast: 410024

Basket: 410027



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## LIGHTING

RED LENS SOLID & FLASHING TILDAWN LIGHT		AMBER LENS SOLID & FLASHING TILDAWN LIGHT		BLUE LENS SOLID & FLASHING TILDAWN LIGHT		RED LED WARNING LIGHT	
							
PART CODE	TILDAWN	PART CODE	TILDAWNAMB	PART CODE	TILDAWNBL	PART CODE	REDLED











ALL TILDAWN LIGHT SOLD WITHOUT BATTERIES. PLEASE SEE BELOW FOR SUITABLE BATTERY.

BLUE LED WARNING LIGHT	
	
PART CODE	BLUELED

## ACCESSORIES

LANTERN BATTERY NX ZINC 7AH 6V	
	
PART CODE	LANTBAT

## EXTENSION LEADS

14M 1.5MM 110V 16AMP EXTENSION LEAD	14M 2.5MM 110V 16AMP EXTENSION LEAD	14M 2.5MM 110V 32AMP EXTENSION LEAD	4 GANG 2M 13AMP EXTENSION LEAD
			
PART CODE   EXTL14M15	PART CODE   EXTL14M25	PART CODE   EXTL14M32AMP	PART CODE   B14774
4 GANG 1M 13AMP EXTENSION LEAD	2 GANG 5M 13AMP EXTENSION LEAD	1 GANG 5M 13AMP EXTENSION LEAD	2 GANG 15M 13AMP EXTENSION LEAD
			
PART CODE   B14772	PART CODE   B14850	PART CODE   B14810	PART CODE   B14860
1 GANG 15M 13AMP EXTENSION LEAD	4 GANG 4M EXTENSION LEAD		
			
PART CODE   B14820	PART CODE   B14950		



# PLUGS, SOCKETS & TRANSFORMERS

110V 16AMP PLUG		110V 16AMP SOCKET		110V 32AMP PLUG		110V 32AMP SOCKET	
							
PART CODE	PLUG1	PART CODE	PLUG2	PART CODE	PLUG3	PART CODE	PLUG4
240V 16AMP PLUG		240V 16AMP SOCKET		240V 13AMP 3-PIN RUBBER PLUG		110V 16AMP PANEL SOCKET	
							
PART CODE	PLUG5	PART CODE	PLUG6	PART CODE	PLUG7	PART CODE	PLUG8
110V 32AMP PANEL PLUG APPLIANCE INLET		1.5KVA 240V TO 110V DUAL OUTLET TRANSFORMER		3.3KVA 110V TO 240V DUAL OUTLET TRANSFORMER			
							
PART CODE	PLUG8A	PART CODE	TRAN1	PART CODE	TRAN2		

## DEFENDER PRODUCTS

### HANGING HOOKS



Hanging hooks for festoon lights

- ABS construction
- Multiple hooks for festoon cables
- Fixing/hanging points

Part Number: E86330

### 20W 2FT LED CONTRACTOR



The 2ft LED contractor light is the go-to light for many tradespeople due to its reliable performance, versatility and durability. Mounted on a metal frame with built in cable holders it can handle the toughest of treatments. The two power take off points mean you can string together multiple lights from one transformer.

- 3M rubber cable, fitted with 16A plug
- Diffused lens reduces the glare
- Cool daylight creates a clean, crisp environment
- Features 2x 16A sockets for linking additional lights
- Mounted on a steel floor standing frame
- Minimal heat output

Available in 110V & 240V

Part Number: 2FT-LED-CONTRACTOR-LIGHT-POWER-TAKEOFF-POINT

### 20W 2FT LED ANTI-CORROSIVE



The 2ft LED anti corrosive light on a fixed leg tripod is a trusted task light. The tripod has a fixed point for power take offs and the static feet give it a solid foundation. The twin power take off points allow you to string together multiple lights running from a single transformer, thereby keeping cable to a minimum.

- 5M Rubber cable, fitted with 16A plug
- Diffused lens reduces the glare
- Cool daylight creates a clean crisp environment
- Features 2x 16A sockets for linking additional lights
- Mounted on a fixed leg tripod which provides a stable base

Available in 110V & 240V

Part Number: 2FT-LED-ANTI-CORROSIVE-FIXED-LEG-TRIPOD

### 20W 2FT LED STRING ANTI-CORROSIVE



The 2ft LED anti corrosive string light is a versatile and reliable way to light any workplace Energy consumption has been nearly halved compared to the original fluorescent version meaning you can run more lights from a single transformer than before.

- 3M Rubber cable in/out, fitted with 16A plug
- Diffused lens reduces the glare
- Cool daylight creates a clean crisp environment
- Hanging brackets included for fixing to ceilings
- Can be adapted to fit on a fixed leg tripod

Available in 110V & Rechargeable

Part Number: 2FT-LED-ANTI-CORROSIVE-STRING

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## DEFENDER PRODUCTS

### DF1200 20W LED TWIN HEAD WORK LIGHT WITH SWING LEG TRIPOD



Low power twin head LED floodlight with tripod base

- SUPPLIED WITH - 2 x 20W LED light heads
- THEY'RE BRIGHT - 1200 Lumens output per light head
- LOW POWER - Only 20W per light head
- IP RATING - IP44
- IMPACT RESISTANT - tough polycarbonate case absorbs knocks with ease
- ANTI GLARE - Frosted lens defuses the light
- COLOUR TEMP - 6000K Cool White Light
- ENERGY SAVING - 90% more efficient than Halogen lights
- Supplied with 5M H07RN - F rubber cable and BS1363 240V 13A / BSEN60309 110V 16A plug
- BEAM ANGLE - 120° light spread
- TRIPOD - supplied with robust steel powder coated tripod
- TRIPOD - Height adjustable from 1.5 - 2.5M

Available in 110V & 240V

Part Number: DF1200-TWIN-  
HEAD-SWING-LEG-TRIPOD

### DF1200 20W LED TWIN HEAD WORK LIGHT WITH FIXED LEG TRIPOD



Low power twin head LED floodlight with tripod base

- SUPPLIED WITH - 2 x 20W LED light heads
- THEY'RE BRIGHT - 1200 Lumens output per light head
- LOW POWER - Only 20W per light head
- IP RATING - IP44
- IMPACT RESISTANT - tough polycarbonate case absorbs knocks with ease
- ANTI GLARE - Frosted lens defuses the light
- COLOUR TEMP - 6000K Cool White Light
- ENERGY SAVING - 90% more efficient than Halogen lights
- Supplied with 3M H07RN - F rubber cable and BS1363 240V 13A / BSEN60309 110V 16A plug
- BEAM ANGLE- 120° light spread
- TRIPOD - supplied with robust steel powder coated tripod
- TRIPOD - Height adjustable from 1.5 - 2.5M

Available in 110V & 240V

Part Number: DF1200-TWIN-  
FIXED-LEG-TRIPOD

### DF1200 20W LED SINGLE HEAD WORK LIGHT WITH FIXED LEG TRIPOD



Low power LED floodlight with tripod base

- IT'S BRIGHT - 1200 Lumens output
- LOW POWER- Only 20W
- IP RATING - IP20
- IMPACT RESISTANT - tough polycarbonate case absorbs knocks with ease
- ANTI GLARE - Frosted lens defuses the light
- BEAM ANGLE - 120° light spread
- COLOUR TEMP - 6000K Cool White Light
- ENERGY SAVING - 90% more efficient than Halogen lights
- Supplied with 5M H05RN - F rubber cable and BSEN60309 110V 16A / BS1363 240V 13A plug
- TRIPOD - Robust steel powder coated tripod
- TRIPOD Height adjustable from 1.5 - 2.5M

Available in 110V & 240V

Part Number: DF1200-HEAD-  
FIXED-LEG-TRIPOD



## DEFENDER PRODUCTS

### DF1200 TWIN HEAD TRIPOD



DF1200 is Defender's workshop floodlight range. Designed as an affordable LED replacement for halogen, the LED flood light head comes pre-wired and mounted on a universal bracket which is available on three different stand options, a steel floor frame, a single head tripod or a twin head tripod. Its robust aluminium case absorbs knocks with ease and the frosted shatterproof lens creates a comfortable working light, bright enough to tackle everyday tasks.

The twin head gives you the option of shining light in different directions, maximising the light spread with fewer lights. The robust tripod is adjustable up to 1.7M.

Available in 110V & 240V

Part Number: DF1200-TWIN-HEAD-TRIPOD

### DF1200 SINGLE HEAD TRIPOD



DF1200 is Defender's workshop floodlight range. Designed as an affordable LED replacement for halogen, the LED flood light head comes pre-wired and mounted on a universal bracket which is available on three different stand options, a steel floor frame, a single head tripod or a twin head tripod. Its robust aluminium case absorbs knocks with ease and the frosted shatterproof lens creates a comfortable working light, bright enough to tackle everyday tasks.

The single head comes on an adjustable robust telescopic tripod which enables you to angle the light wherever it is needed and compacts down to 0.6m making it very easy to transport from van to site.

Available in 110V & 240V

Part Number: DF1200-SINGLE-HEAD-TRIPOD

### DF1200 20W LED FLOODLIGHT WITH SCAFFOLD FIXING



Low power LED floodlight with scaffold bracket

- IT'S BRIGHT - 1200 Lumens output
- LOW POWER- Only 20W
- IP RATING - IP44
- IMPACT RESISTANT - tough polycarbonate case absorbs knocks with ease
- ANTI GLARE- Frosted lens defuses the light
- BEAM ANGLE- 120° light spread
- COLOUR TEMP- 6000K Cool White Light
- LIGHTWEIGHT - 1.7Kg
- ENERGY SAVING- 90% more efficient than Halogen lights
- Light head affixed to a secure scaffold gripper
- Supplied with 5M H05RN-F rubber cable and BS1363 240V 13A / BSEN60309 110V 16A plug

Available in 110V & 240V

Part Number: DF1200-SCAFFOLD

## DEFENDER PRODUCTS

### DF1200 FLOOR LIGHT



The DF1200 floor light is an incredibly versatile light, compact in design but providing a bright enough light for most tasks. Lightweight and portable, it is the perfect companion in the van to take to sites large and small. Rechargeable option has 2.5 hours run time on full power.

- Light fitted to a steel floor frame with foam grip
- Robust aluminium case absorbs impacts with ease
- Frosted shatterproof lens creates a comfortable working light
- 95% more efficient than halogen

Available in 110V, 240V & Rechargeable

Part Number:  
DF1200-FLOOR-LIGHT



### 40W 5FT LED ANTI-CORROSIVE



The 5ft LED anti corrosive light on a fixed leg tripod is a trusted task light. The light can be rotated to shine horizontally or vertically making it perfect for plastering walls and ceilings. The twin power take off points allow you to string together multiple lights running from a single transformer, thereby keeping cable to a minimum.

- 5M Rubber cable, fitted with 16A plug
- Diffused lens reduces the glare
- Cool daylight creates a clean crisp environment
- Features 2x 16A sockets for linking additional lights
- Mounted on a fixed leg

Available in 110V & 240V

Part Number: 5FT-LED-ANTI-CORROSIVE-FIXED-LEG-TRIPOD

### LED6000S TWIN HEAD FLOODLIGHT - WIRED HEADS ONLY



A smart, low power, lightweight floodlight

- Supplied with two LED6000S assembled ready for use
- IT'S BRIGHT - 5000 Lumens output per light head
- LOW POWER- Only 42W per light head
- BEAM ANGLE- 120° light spread
- IP RATING - IP44
- BUILT TO SURVIVE
- Robust ABS body absorbs knocks on site
- Drop tested to 2.5M
- Strong silicone sleeve protects light from damage
- Diffused polycarbonate lens offers glare reduction
- Tougher than previous model
- Less shadows
- More efficient - low power
- DESIGN
- British engineered design
- Friction grip head tilt function
- LIGHTWEIGHT
- Only 2.1 Kg per light head
- Supplied with 5M VDE approved H05RNF rubber cable and BSEN60309 110V 16A plug

Part Number: E705627

## DEFENDER PRODUCTS

### 10W LED400 FLOOR LIGHT



The LED400 is a portable task light for small jobs and close proximity working. Using a single high powered COB (chip on board) this product delivers clean crisp light over a wide area. The light runs cool at all times so comfortable to have close by when working in small spaces. Rechargeable option has 3 hours run time on full power.

- Robust aluminium case means it can stand the demands of every day working
- Head can be adjusted horizontally and vertically, aiming the light where needed
- Frosted lens makes the light more comfortable when working close up
- Compact design makes it perfect for working in small spaces

**Defender**  
POWER AND LIGHT

Available in 240V & Rechargeable

Part Number: 10W-LED400-FLOOR-LIGHT

### LED3000S TWIN HEAD FLOODLIGHT WITH FIXED LEG TRIPOD 110V



A smart, low power, lightweight floodlight now features upgraded LEDs

- Supplied with two LED3000S assembled ready for use
- IT'S BRIGHT - 3000 Lumens output per light head
- LOW POWER- Only 30W per light head
- BEAM ANGLE - 120° light spread
- IP RATING - IP44
- BUILT TO SURVIVE
- Robust ABS body absorbs knocks on site
- Drop tested to 1.5M
- Diffused polycarbonate lens offers glare reduction
- Tougher than previous model
- Less shadows
- More efficient - low power
- DESIGN
- British engineered design
- Friction grip head tilt function
- LIGHTWEIGHT
- Only 2.1 Kg per light head
- Supplied with 5M VDE approved H07RN - F rubber cable and BSEN60309 110V 16A plug
- TRIPOD
- Robust steel powder coated tripod
- Adjustable from 1.5 - 2.5M

Part Number: E705660

### LED3000S TWIN HEAD FLOODLIGHT WITH SWING LEG TRIPOD 110V



A smart, low power, lightweight floodlight now features upgraded LEDs

- Supplied with two LED3000S assembled ready for use
- IT'S BRIGHT - 3000 Lumens output per light head
- LOW POWER - Only 30W per light head
- BEAM ANGLE - 120° light spread
- IP RATING - IP44
- BUILT TO SURVIVE
- Robust ABS body absorbs knocks on site
- Drop tested to 1.5M
- Diffused polycarbonate lens offers glare reduction
- Tougher than previous model
- Less shadows
- More efficient - low power
- DESIGN
- British engineered design
- Friction grip head tilt function
- LIGHTWEIGHT
- Only 2.1 Kg per light head
- Supplied with 5M VDE approved H07RN - F rubber cable and BSEN60309 110V 16A plug
- TRIPOD
- Robust steel powder coated tripod
- Adjustable from 1.5 - 2.5M

Part Number: E705662

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## DEFENDER PRODUCTS

### LED3000S SINGLE HEAD FLOODLIGHT WITH SWING LEG TRIPOD 110V



A smart, low power, lightweight floodlight now features upgraded LEDs

- Supplied with one LED3000S
- IT'S BRIGHT - 3000 Lumens output
- LOW POWER- Only 30W
- BEAM ANGLE - 120° light spread
- IP RATING - IP44
- BUILT TO SURVIVE
- Robust ABS body absorbs knocks on site
- Drop tested to 1.5M
- Diffused polycarbonate lens offers glare reduction
- Tougher than previous model
- Less shadows
- More efficient - low power
- DESIGN
- British engineered design
- Friction grip head tilt function
- LIGHTWEIGHT
- Only 2.1 Kg
- Supplied with 3M VDE approved H05RN - F rubber cable and BSEN60309 110V 16A plug
- TRIPOD
- Robust steel powder coated tripod
- Adjustable from 1.5 - 2.5M

Part Number: E705661

### LED3000S FLOODLIGHT WITH MAGNETIC FIXING 110V



A smart, low power, lightweight floodlight

- Supplied with one LED3000S
- IT'S BRIGHT - 3000 Lumens output
- LOW POWER - Only 30W
- BEAM ANGLE - 120° light spread
- IP RATING - IP44
- BUILT TO SURVIVE
- Robust ABS body absorbs knocks on site
- Drop tested to 1.5M
- Diffused polycarbonate lens offers glare reduction
- Tougher than previous model
- Less shadows
- More efficient - low power
- DESIGN
- British engineered design
- Friction grip head tilt function
- LIGHTWEIGHT
- Only 2.1 Kg
- Supplied with 3M VDE approved H05RN - F rubber cable and BSEN60309 110V 16A plug
- BASE
- Light head affixed to secure magnetic gripper

Part Number: E705638

### LED3000S TWINHEAD FLOODLIGHT 110V - WIRED HEAD ONLY



A smart, low power, lightweight floodlight

- Supplied with two LED3000S assembled ready for use
- IT'S BRIGHT - 3000 Lumens output per light head
- LOW POWER- Only 30W per light head
- BEAM ANGLE- 120° light spread
- IP RATING - IP44
- BUILT TO SURVIVE
- Robust ABS body absorbs knocks on site
- Drop tested to 1.5M
- Diffused polycarbonate lens offers glare reduction
- Tougher than previous model
- Less shadows
- More efficient - low power
- DESIGN
- British engineered design
- Friction grip head tilt function
- LIGHTWEIGHT
- Only 2.1 Kg per light head
- Supplied with 5M VDE approved H07RN- F rubber cable and BSEN60309 110V 16A plug
- MULTI-FUNCTIONAL USE
- Sold as head only with universal fixing bracket

Part Number: E705620

## DEFENDER PRODUCTS

### LED6000S SINGLE HEAD FLOODLIGHT WITH FIXED LEG TRIPOD



A smart, low power, lightweight floodlight that offers high light output

- IT'S BRIGHT - 5000 Lumens output
- LOW POWER - Only 42W
- BEAM ANGLE - 120° light spread
- IP RATING - IP44
- BUILT TO SURVIVE
- Robust ABS body absorbs knocks on site
- Drop tested to 2.5M
- Strong silicone sleeve protects light from damage
- Diffused polycarbonate lens offers glare reduction
- Tougher than previous model
- Less shadows
- More efficient - low power
- DESIGN
- British engineered design
- Friction grip head tilt function
- LIGHTWEIGHT
- Only 2.1 Kg
- Supplied with 3M VDE approved H05RNF rubber cable and BSEN60309 110V 16A plug
- TRIPOD
- Robust steel powder coated tripod
- Adjustable from 1.5 - 2.5M

Part Number: E705633

### LED6000S SINGLE HEAD FLOODLIGHT WITH SWING LEG TRIPOD



A smart, low power, lightweight floodlight that offers high light output

- IT'S BRIGHT - 5000 Lumens output
- LOW POWER - Only 42W
- BEAM ANGLE - 120° light spread
- IP RATING - IP44
- BUILT TO SURVIVE
- Robust ABS body absorbs knocks on site
- Drop tested to 2.5M
- Strong silicone sleeve protects light from damage
- Diffused polycarbonate lens offers glare reduction
- Tougher than previous model
- Less shadows
- More efficient - low power
- DESIGN
- British engineered design
- Friction grip head tilt function
- LIGHTWEIGHT
- Only 2.1 Kg
- Supplied with 3M VDE approved H05RNF rubber cable and BSEN60309 110V 16A plug
- TRIPOD
- Robust steel tripod
- Adjustable from 1.5 - 2.5M

Part Number: E705631

### LED6000S FLOODLIGHT WITH SCAFFOLD FIXING



A smart, low power, lightweight floodlight

- IT'S BRIGHT - 5000 Lumens output
- LOW POWER - Only 42W
- BEAM ANGLE - 120° light spread
- IP RATING - IP44
- BUILT TO SURVIVE
- Robust ABS body absorbs knocks on site
- Drop tested to 2.5M
- Strong silicone sleeve protects light from damage
- Diffused polycarbonate lens offers glare reduction
- Tougher than previous model
- Less shadows
- More efficient - low power
- DESIGN
- British engineered design
- Friction grip head tilt function
- LIGHTWEIGHT
- Only 2.1 Kg
- Supplied with 3M VDE approved H05RNF rubber cable and BSEN60309 110V 16A plug
- BASE
- Light head affixed to a secure scaffold gripper

Part Number: E705636

## DEFENDER PRODUCTS



### LED6000S FLOODLIGHT WITH SCAFFOLD FIXING



A smart, low power, lightweight floodlight

- IT'S BRIGHT - 5000 Lumens output
- LOW POWER- Only 42W
- BEAM ANGLE - 120° light spread
- IP RATING - IP44
- BUILT TO SURVIVE
- Robust ABS body absorbs knocks on site
- Drop tested to 2.5M
- Strong silicone sleeve protects light from damage
- Diffused polycarbonate lens offers glare reduction
- Tougher than previous model
- Less shadows
- More efficient - low power
- DESIGN
- British engineered design
- Friction grip head tilt function
- LIGHTWEIGHT
- Only 2.1 Kg
- Supplied with 3M VDE approved H05RNF rubber cable and BSEN60309 110V 16A plug
- BASE
- Light head affixed to a secure scaffold gripper

Part Number: E705636

### LED6000S FLOODLIGHT WITH MAGNETIC FIXING



A smart, low power, lightweight floodlight

- T'S BRIGHT - 5000 Lumens output
- LOW POWER- Only 42W
- BEAM ANGLE - 120° light spread
- IP RATING - IP44
- BUILT TO SURVIVE
- Robust ABS body absorbs knocks on site
- Drop tested to 2.5M
- Strong silicone sleeve protects light from damage
- Diffused polycarbonate lens offers glare reduction
- Tougher than previous model
- Less shadows
- More efficient - low power
- DESIGN
- British engineered design
- Friction grip head tilt function
- LIGHTWEIGHT
- Only 2.1 Kg
- Supplied with 3M VDE approved H05RNF rubber cable and BSEN60309 110V 16A plug
- BASE
- Light head affixed to a secure magnetic fixing

Part Number: E705635

### 20W DF1200 LED FLOODLIGHT HEAD



The DF1200 'head only' comes pre-wired and mounted on a universal bracket which can be secured onto selected Defender floor stands or tripods.

This is an affordable way of upgrading your lights - no need to buy a new tripod, just replace the head for a fraction of the price.

- Universal bracket for fixing to a wide range of tripods
- Robust aluminium case absorbs impacts with ease
- Frosted shatterproof lens creates a comfortable working light
- 95% more efficient than halogen

Available in 110V & 240V

Part Number: DF1200-  
HEAD-ONLY



## DEFENDER PRODUCTS

### 10W LED ES BULB



The Defender LED light bulb is low energy but delivers a bright crisp light.

- 10W LED Bulb
- 800 Lumens
- Poly carbonate construction

**Defender**  
POWER AND LIGHT

Part Number: E56262

### DC4000

The DC4000 is a high performance floorlight designed to be used in the most challenging environments. Its robust body and impact resistant lens can withstand the rigours of busy construction sites. It comes with a single power take off point allowing you to string multiple lights together from one transformer. Constructed with rubber cable on either end with a quality Defender plug and coupler mean that this light is ready to work in the real world.

- Samsung LEDs deliver a crisp white light
- The diffused lens reduces glare without reducing light output
- Sturdy steel tripod leg provide stability
- Single power take off so you can link to other lights, fitted with 16A coupler
- Sturdy impact resistant body and lens means this light can handle whatever life throws at it
- Supplied with 3M rubber cable and fitted with 16A plug
- Three times brighter than our everyday contractor light

<b>Voltage:</b>	110V
<b>Outlets:</b>	No
<b>Cable:</b>	3m H07RN-F Input/1m (External) Output H07RN-F
<b>Weight:</b>	4.1kg
<b>Standard:</b>	No
<b>Lumens:</b>	4000
<b>Frequency:</b>	50/60Hz
<b>Colour Temp:</b>	6500K (Daylight White)
<b>Power:</b>	42W
<b>Dimensions:</b>	790mm x 250mm x 130mm (with stand)
<b>Light Spread:</b>	120°

<b>Tripping Speed:</b>	No
<b>RCD Rating:</b>	No
<b>Plug:</b>	No
<b>Socket:</b>	No
<b>Plug Type:</b>	16A 240V BS EN 60309 Coupler and Plug
<b>Ingress Protection:</b>	IP44
<b>Drop Test:</b>	No
<b>Operating Temp:</b>	-10°C - 40°C
<b>Lamp Type:</b>	104 Samsung LEDs



## DEFENDER PRODUCTS



**DEFENDER 5FT BATTERY BACK UP FLOURESCENT WORK LIGHT WITH  
FIXED LEG AND POWER TAKE OFF POINT 110V 58V**



Part Number: E708672



**DEFENDER 2FT FLUORESCENT TASK LIGHT WITH A FIXED LEG STAND**

- Heavy-duty polycarbonate light base and polycarbonate diffuser head construction
- Power off point for use with small power tools
- Robust steel tripod adjustable from 1.5M to 2.5M

Available in 110V & 240V

110V - Part Number: E708620

240V - Part Number: E708623



**DEFENDER 5FT FLUORESCENT TASK LIGHT WITH POWER TAKE OFF POINT & TRIPOD**

- Heavy-duty polycarbonate light base and polycarbonate diffuser head construction
- Power off point for use with small power tools

Available in 110V & 240V

110V - Part Number: E708645

240V - Part Number: E708648



**DEFENDER 2FT FLUORESCENT TASK LIGHT WITH POWER TAKE OFF POINT & TRIPOD**

- Heavy-duty polycarbonate light base and polycarbonate diffuser head construction
- Power off point for use with small power tools

Available in 110V & 240V

110V - Part Number: E708625

240V - Part Number: E708630

## DEFENDER PRODUCTS



### DEFENDER HALOGEN TASK LIGHT TWIN HEAD ON A FIXED LEG TRIPOD

- 400W Halogen fitting
- Light head features a tough oval design
- Robust steel tripod
- Tripod adjustable from 1.5M-2.5M
- Supplied with 5M cable & fitted plug
- Supplied with one 400W tube

Available in 110V & 240V

110V - Part Number: E702520

240V - Part Number: E702545



### DEFENDER LED TASK LIGHT

- Light Output - 900 lumens
- Folding adjustable tripod supplied with cable wrap and cable tidy
- Tripod extendable to 2.25M
- Light head features 120 SMD LEDs
- Light head adjustable to 180°
- Lightweight Only 3.75Kg

Available in 110V & 240V

110V - Part Number: E712679

240V - Part Number: E712678



### DEFENDER HALOGEN SCAFFOLD FLOODLIGHT

- Secure scaffold gripper
- Supplied with 5M cable & fitted plug
- 400W tube included

Available in 110V & 240V

110V - Part Number: E709020

240V - Part Number: E709021



### DEFENDER LED6000 FLOODLIGHT WITH SWING LEG TRIPOD

- High-Tech head design with a universal base attachment to suit the users choice
- 20 Solid State low energy CREE LEDs deliver 6000 lumens of super bright light
- Supplied with swing leg tripod

Available in 110V & 240V

110V - Part Number: E712907

240V - Part Number: E712901



## DEFENDER PRODUCTS



### DEFENDER LED6000 FLOODLIGHT

- High-tech head design with a universal base attachment to suit the users choice
- 20 Solid State low energy CREE LEDs deliver 6000 lumens of super bright light
- Lightweight head - only 3.75Kg
- Cable Length 3m H07RNF rubber cable

Available in 110V & 240V

110V - Part Number: E712906

240V - Part Number: E712900

### LIGHT CANNON

The Defender Light Cannon has been designed to ensure a good quality of light is delivered to cover a typical shift of 8 hours in locations where power cannot be readily accessed.

The Light Cannon is lightweight at just 8kg and compact for ease of transportation. The integral tripod is manufactured from a durable plastic that is built to last and endure the harshest conditions, the red touchpoints signal where the user should adjust and carry the product.

The head has a tilt and swivel function and at 2.1M maximum height this versatility ensures the light can be positioned where you need it.

The high capacity lithium ion 8.4Ah battery pack provides a minimum of 8 hours use on full power and 16 hours if selected to be on half power. The in-built management system shows users how much battery is remaining and what the power selection is via the backlit LCD screen conveniently located on the handle ring.

- Lightweight & compact design makes it easy to transport to where the light is required
- Ideal for challenging areas where a big light is required but access is difficult
- Fully integrated tripod means it is quick and simple to install - no tools required
- Mast extends to 2.1M giving you a good flood of light on the working area
- Battery enables 8hrs of working at 100%, 16hrs at 50%
- High powered LEDs give a crisp white light
- Footprint - 1000mm



<b>Voltage:</b>	110V
<b>Outlets:</b>	No
<b>Cable:</b>	BS6500 1.25mm 3C
<b>Weight:</b>	8.5kg
<b>Standard:</b>	No
<b>Lumens:</b>	2000 (100Lm/W)
<b>Frequency:</b>	50/60Hz
<b>Colour Temp:</b>	6500K (daylight white)
<b>Power:</b>	20W
<b>Dimensions:</b>	270 mm x 880 mm x 270 mm

<b>Light Spread:</b>	120°
<b>Tripping Speed:</b>	No
<b>RCD Rating:</b>	No
<b>Plug:</b>	No
<b>Socket:</b>	No
<b>Plug Type:</b>	13A 240V BS 1363 Plug
<b>Ingress Protection:</b>	IP44
<b>Drop Test:</b>	No
<b>Operating Temp:</b>	-20°C - 40°C
<b>Lamp Type:</b>	8 x CREE LED's

## DEFENDER PRODUCTS

**Defender**  
POWER AND LIGHT



**DEFENDER 2FT BATTERY BACK UP FLUORESCENT WORK LIGHT WITH FIXED LEG AND POWER TAKE OFF POINT 110V 2 X 18W**

Part Number: E708674



**DEFENDER 5FT ENCAPSULATED FLUORESCENT CONTRACTOR LIGHT 110V WITH 3M CABLE**

Part Number: E708700



### 10W LED GRIP LAMP

A handy lamp ideal for loft tasks, automotive projects or within confined spaces. The spring grip ensures that the lamp can be placed conveniently overhead without permanent fixings whilst the LED bulb reduces heat when working in close proximity.

- Adjustable spring loaded grip offers hand free working
- Tough mesh guards protect the LED bulb
- Supplied with 5m of cable giving you real flexibility
- LED ES bulb included

Available in 110V & 240V

Part Number: 10W-LED-GRIP-LAMP



### DEFENDER LED3000 FLOODLIGHT

- High-tech head design with a universal base attachment to suit the users choice
- 12X Solid State low energy CREE LEDs deliver 3000 lumens of super bright light
- Lightweight: only 3.75kg
- Cable Length: 3m H07RNF Rubber Cable

110V - Part Number: E712970

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## DEFENDER PRODUCTS

### DEFENDER DL4000 LED LINKABLE LIGHT 110V 42W

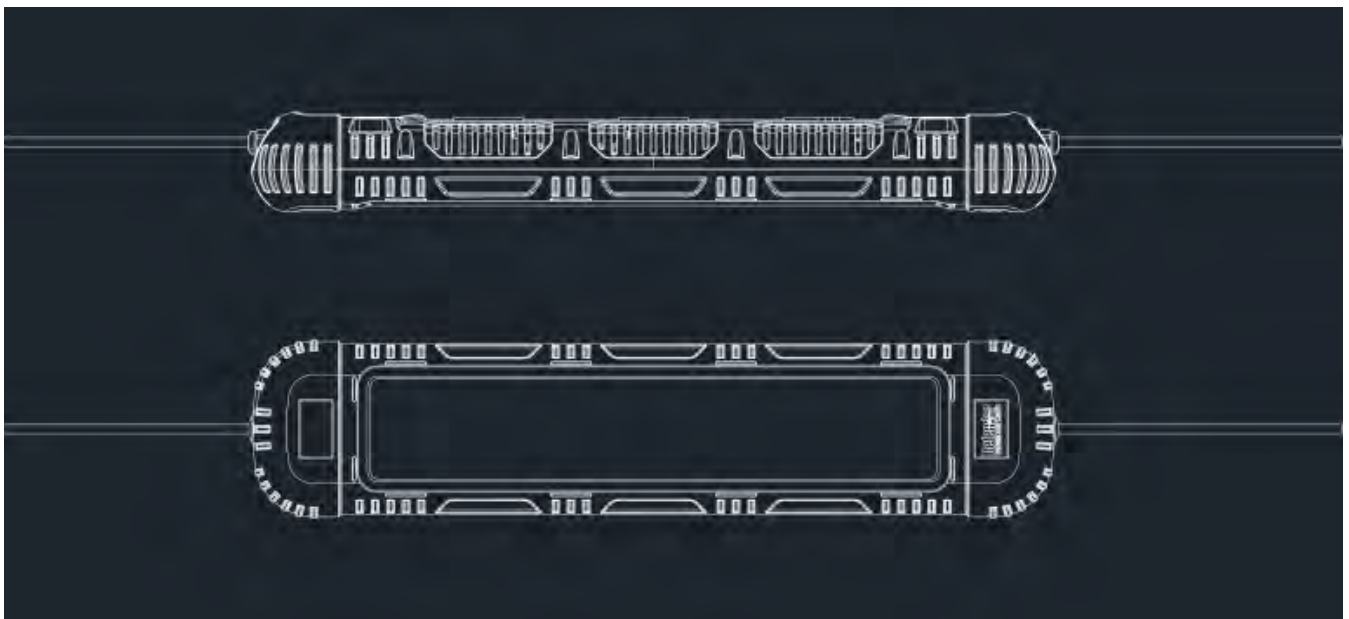


**Defender**  
POWER AND LIGHT

The DL4000 is a high performance link light designed to be used in the most challenging environments. Its robust body and impact resistant lens can withstand the rigours of busy construction sites and the multiple fixing points in the rear mean it can be installed almost anywhere quickly. Rubber cable on either end, with quality Defender plug and coupler, mean that this is an all round performance light.

- Samsung LEDs deliver a crisp white light
- The diffused lens reduces glare without reducing light output
- Designed with multiple fixings, can be attached to the wall, ceiling, scaffolding, post, etc
- Single power take off so you can link to other lights
- Sturdy impact resistant body and lens means this light can handle whatever life throws at it
- Supplied with 3M rubber cable at each end and fitted with 16A plug & coupler

<b>Voltage:</b>	110V	<b>Light Spread:</b>	120°
<b>Outlets:</b>	No	<b>Tripping Speed:</b>	No
<b>Cable:</b>	3M H07RN-F Input / 3M H07RN-F Outut	<b>RCD Rating:</b>	No
<b>Weight:</b>	3.9kg	<b>Plug:</b>	No
<b>Standard:</b>	No	<b>Socket:</b>	No
<b>Lumens:</b>	4000	<b>Plug Type:</b>	16A 240V BS EN 60309
<b>Frequency:</b>	50/60Hz	<b>Ingress Protection:</b>	IP44
<b>Colour Temp:</b>	6500k (daylight white)	<b>Drop Test:</b>	No
<b>Power:</b>	42W	<b>Operating Temp:</b>	-10°C - 40°C
<b>Dimensions:</b>	740mm x 180mm x 80mm (with stand)	<b>Lamp Type:</b>	104 Samsung LEDs





## DEFENDER PRODUCTS

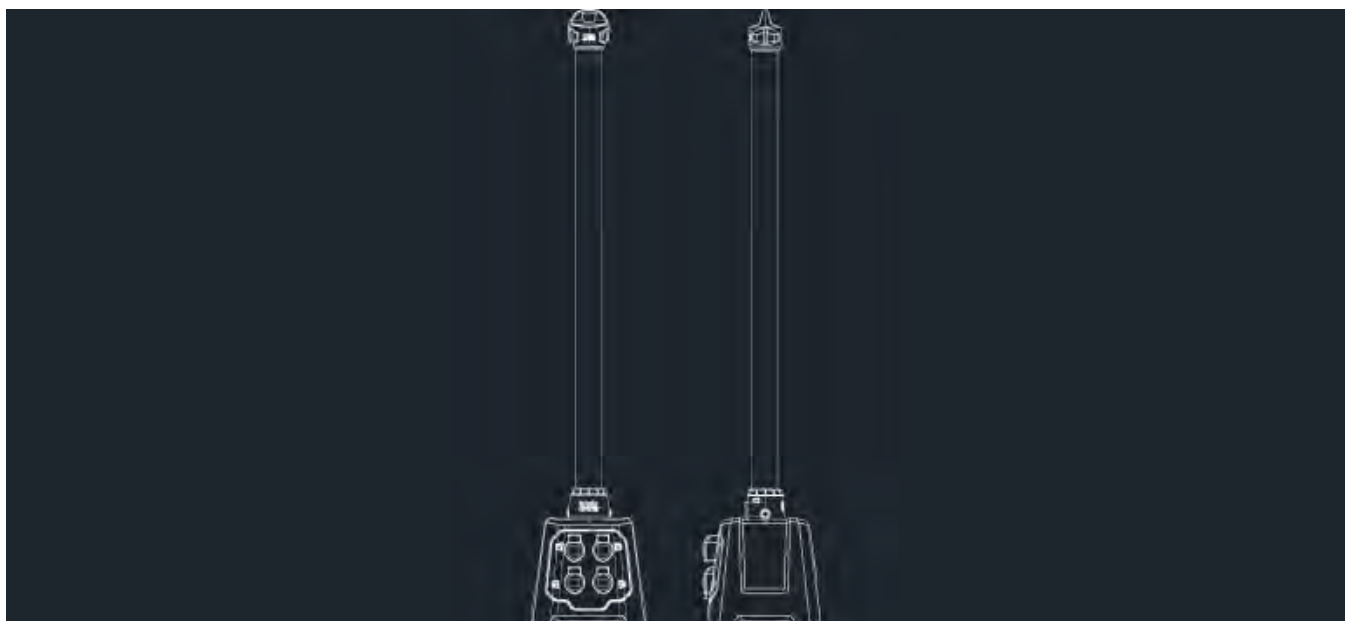
### 36W FLUORESCENT SPLITTER UPLIGHT

This Uplight model combines all of the features of a light plus the space saving solution of a 4 way splitter base. This practical solution has proved incredibly popular as it is less equipment to carry on site and gives you the flexibility to link multiple lights quickly to a single transformer.

- Base is made of a 4 way splitter box unit, providing real power versatility
- Base and Uplight easily detach for ease of handling and storage
- 180° light spread can be increased to 360° if reflector is removed
- Splitter base can be used independently for optimised fleet utilisation.
- Supplied with 3m of rubber cable and 16A plug

<b>Voltage:</b>	110V
<b>Outlets:</b>	No
<b>Cable:</b>	5M 1.5mm <sup>2</sup> H05 VV-F (3 core) also fitted with 0.6M of H05 RNF 2 core 1.0mm <sup>2</sup> rubber cable
<b>Weight:</b>	8.9kg
<b>Standard:</b>	No
<b>Lumens:</b>	2462
<b>Frequency:</b>	50Hz
<b>Colour Temp:</b>	6000k (daylight white)
<b>Power:</b>	36W
<b>Dimensions:</b>	4ft
<b>Light Spread:</b>	180° / 360°
<b>Tripping Speed:</b>	No
<b>RCD Rating:</b>	No
<b>Plug:</b>	No
<b>Socket:</b>	No
<b>Plug Type:</b>	16A 110V BS EN 60309 coupler and plug
<b>Ingress Protection:</b>	IP44 110V
<b>Drop Test:</b>	No
<b>Operating Temp:</b>	-15°C - 40°C
<b>Lamp Type:</b>	Fluorescent T8 tube

**Defender**  
POWER AND LIGHT



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## DEFENDER PRODUCTS

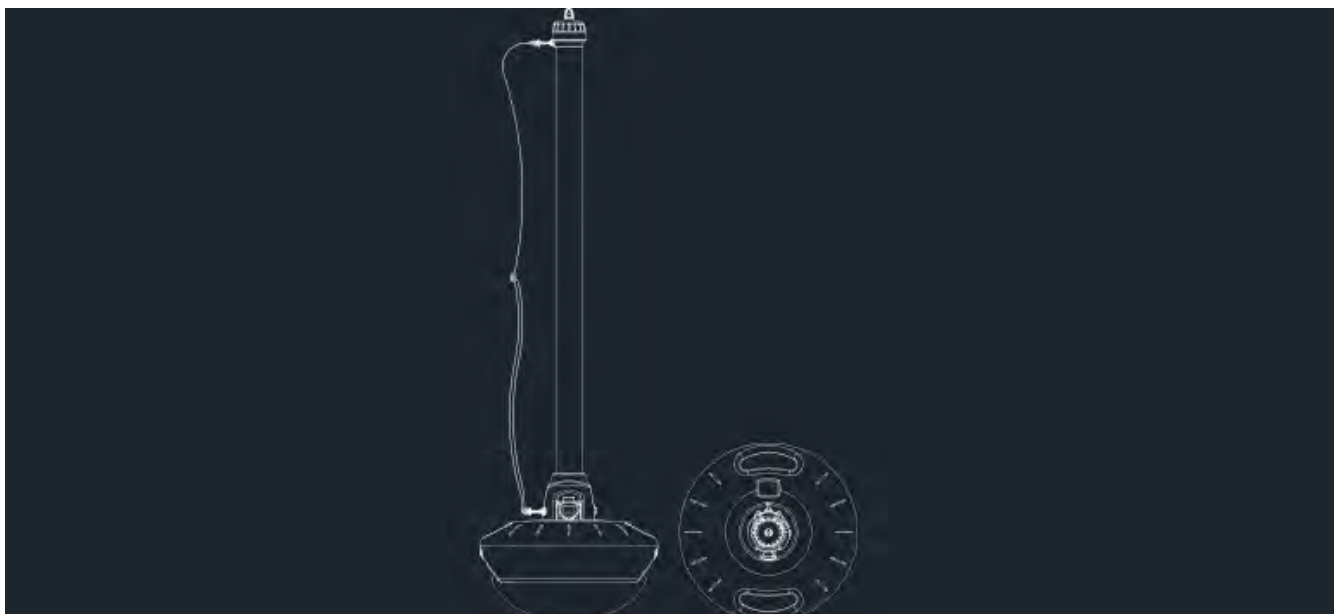
### 20W LED WOBBLE BASE UPLIGHT

This award winning Uplight comes with a self-righting base which when filled with sand or water, will stand itself back up to 75° if knocked over. The LED lamp ensures that you get maximum light with very low energy consumption. Ideal for plastering, event lighting and general construction. Winner of UK Design Week 'Best Industrial Product' and winner of Hire Association Europe 'Best New Product'.

- Self righting based once filled with either water or sand
- Base and Uplight easily detach for ease of handling and storage
- Single power take off to enable linking to further lights
- Supplied with 3M of rubber cable and 16A plug

<b>Voltage:</b>	110V
<b>Outlets:</b>	No
<b>Cable:</b>	5M 1.5mm <sup>2</sup> H05 VV-F (3 core)
<b>Weight:</b>	6.5kg
<b>Standard:</b>	6500K (daylight white)
<b>Lumens:</b>	1600
<b>Frequency:</b>	50/60Hz
<b>Colour Temp:</b>	No
<b>Power:</b>	20W
<b>Dimensions:</b>	4ft
<b>Light Spread:</b>	180°
<b>Tripping Speed:</b>	No
<b>RCD Rating:</b>	No
<b>Plug:</b>	No
<b>Socket:</b>	No
<b>Plug Type:</b>	16A 110V BS EN 60309 coupler and plug
<b>Ingress Protection:</b>	IP44
<b>Drop Test:</b>	No
<b>Operating Temp:</b>	-15°C - 40°C
<b>Lamp Type:</b>	LED Philips Tube

**Defender**  
POWER AND LIGHT



## DEFENDER PRODUCTS

### LUMINATOR LED TOWER LIGHT



Exclusively designed and manufactured by Defender, attention to detail has been applied to both the user interface and the functions of this product. The LED Luminator provides a large area of light coverage from a compact and portable unit. Using CREE COB (chip on board) LED's the product delivers 30,000 lumens of light at a colour temperature of 6,500K. The market leading silicone optics over the LEDs enables users to direct the light to where exactly where it is needed.

Through the clever electronic drive system, a maximum height of 4 meters can be reached by simply pressing and holding the 'up' button. The Luminator comes with 3 rapid deployment stabilisers that mean it's up and running in as little as 90 seconds once located and powered up. All of this cutting-edge technology is packaged in a durable moulded jacket designed to perform in the harshest of environments.

- 4M compact portable tower light which can be deployed and active within 90 seconds
- Size and design means it can be maneuvered and installed safely by a single person
- Requiring only 374W means it can be run from a standard power tool transformer
- Specialist optics - deliver the light where it's needed
- 180° and 360° light spread options helps prevent light wastage or pollution
- 100% and 50% light power settings gives you control over how much light is emitted
- Motor driven mast means there is no manual winding required

<b>Voltage:</b>	110V
<b>Outlets:</b>	No
<b>Cable:</b>	N/A
<b>Weight:</b>	93kg
<b>Standard:</b>	No
<b>Lumens:</b>	30000 (80Lm/W)
<b>Frequency:</b>	50/60Hz
<b>Colour Temp:</b>	6500K (daylight white)
<b>Power:</b>	374W
<b>Dimensions:</b>	N/A
<b>Light Spread:</b>	360°
<b>Tripping Speed:</b>	No
<b>RCD Rating:</b>	No
<b>Plug:</b>	No
<b>Socket:</b>	No
<b>Plug Type:</b>	16A 110V BS EN 60309 coupler and plug
<b>Ingress Protection:</b>	IP44
<b>Drop Test:</b>	No
<b>Operating Temp:</b>	-20°C - 40°C
<b>Lamp Type:</b>	CREE CXA LEDs





## DEFENDER PRODUCTS



### 36W FLUORESCENT STICK UPLIGHT

The Uplight stick provides up to 360° of cool white light it can be hung from ceilings, scaffolding or walls due to its numerous fixing points. Designed with an impact resistant lens, robust end fixings and rubber cable, this is a performance product all round.



Part Number: E712658



### HALOGEN FLOOR LIGHT

- Directional action allows the user to position the beam exactly where its needed
- Versatile, high powered 400W lighting solution available with a wide choice of mounting options
- Soft Grip Handle
- 400W tube included

Available in 110V & 240V

110V - Part Number: E709090

240V - Part Number: E709060



### FLUORESCENT CONTRACTOR LIGHT WITH POWER TAKE OFF POINT

The Defender Fluorescent Floor Light is a low energy lighting solution with floor stand and power take off point, available in 110V and 240V.

- Heavy-duty polycarbonate light base and polycarbonate diffuser head construction
- Power take off point for use with small power tools

Available in 110V & 240V

110V - Part Number: E708670

240V - Part Number: E708665



### 12.5W LED FLOOR LIGHT

The LED floorlight is strong, with anti shock rubber base and tough ABS body. Excellent for site use, this small but powerful light emits 6500K cool bright light.

- For lighting awkward areas where space is limited
- Anti shock rubber base provides a reliable base
- Supplied with 2M of rubber cable with 16A plug or 13A
- Frosted lens reduces light glare making it comfortable when in close proximity

Available in 110V & 240V

Part Number: 12.5W-LED-FLOOR-LIGHT



### 12.5W RECHARGEABLE LED FLOOR LIGHT

12.5W Rechargeable LED Floor Light offers 3 hours operation.

- STRONG - Anti-shock rubber base provides dependable protection and stability
- DURABLE - Tough polycarbonate lens and ABS body withstand knocks and drops
- LOW HEAT - for lighting awkward areas where space is tight
- CHARGE TIME - 6hrs
- RECHARGEABLE - Battery life offers 6 hours on half power / 3 hours on full power

Part Number: E709192

## DEFENDER PRODUCTS



### EXTENSION LEADS

Part Code	Length	Cable Width	Volt	Amp	Ingress Protection	Colour
E85223	10M	1.5MM	240V	13A	IP20	
E85118	10M	1.5MM	110V	16A	IP44	
E85212	10M	1.5MM	240V	16A	-	
E85123	10M	2.5MM	110V	16A	IP44	
E85220	10M	2.5MM	240V	16A	-	
E85222	14M	1.5MM	240V	13A	IP20	
E85224	14M	2.5MM	240V	13A	-	
E85111	14M	1.5MM	110V	16A	IP44	
E85211	14M	1.5MM	240V	16A	IP44	
E85121	14M	2.5MM	110V	16A	IP44	
E85221	14M	2.5MM	240V	16A	IP44	
E85235	14M	2.5MM	110V	32A	IP44	
E85237	14M	2.5MM	240V	32A	IP44	
E85240	14M	4MM	110V	32A	IP44	
E85243	14M	4MM	240V	32A	IP44	
E85230	25M	1.5MM	110V	16A	IP44	
E85236	25M	1.5MM	240V	16A	-	
E85233	25M	2.5MM	110V	16A	IP44	
E85234	25M	2.5MM	240V	16A	IP44	
E85249	25M	2.5MM	110V	32A	IP44	
E85262	25M	4MM	110V	32A	IP44	

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## DEFENDER PRODUCTS



### 10W 1.25MM CASSETTE REEL

This impact resistant cassette reel is ideal for smaller DIY or back of the van jobs that need quick and easy access to power. Users can plug in 4 applications at one time via the 4x 13A sockets. The neon light indicates when power is switched on.

- Industry standard VDE approved cable
- Sturdy impact resistant cassette with internal reel
- Neon power indicator
- Thermal overload protection prevents overheating
- Max load wound 720W
- Max load unwound 3120W

**Defender**  
POWER AND LIGHT

Part Number: E86535



### 15M 1.5MM BOX REEL

This anti-tamper box reel features an easy wind cable, neon power indicator and thermal cut out to prevent overheating. The 4x 13A sockets allow users to plug in multiple applications at one time.

- Industry standard VDE approved cable
- Sturdy impact resistant cassette with internal reel
- Neon power indicator
- Thermal overload protection prevents overheating
- Max load wound 720W
- Max load unwound 3120W

Part Number: E86545



### DEFENDER 20M BOX REEL - 16A 2 WAY 1.5MM 110V

The 16A anti-tamper box reel features an easy wind cable, neon power indicator and thermal cut out to make life easier whether using it for small or larger site jobs. The 2x 16A sockets allow users to plug in multiple applications at one time.

- Industry standard VDE approved cable
- Sturdy impact resistant cassette with internal reel
- Neon power indicator
- Thermal overload protection prevents overheating
- Max load wound 660W
- Max load unwound 1760W

Part Number: E86540



### 20M 1.25MM LIGHT INDUSTRIAL CABLE REEL

This light industrial 13A 4 way reel has a strong steel frame providing a secure base. The neon indicator enables users to easily see from a distance when the power is switched on. Also includes a thermal cut out to prevent overheating.

- Industry standard VDE approved cable
- Sturdy impact resistant cassette with internal reel
- Neon power indicator
- Thermal overload protection prevents overheating
- Max load wound 720W
- Max load unwound 3120W

Part Number: E86465



## DEFENDER PRODUCTS

**Defender**  
POWER AND LIGHT

### 25M 1.5MM LIGHT INDUSTRIAL CABLE REEL

Defender's best selling 110V reel, this light industrial 16A 2 way reel has a strong steel frame providing a secure base. The neon indicator enables users to easily see from a distance when the power is switched on. Also includes a thermal cut out to prevent overheating.

- Industry standard VDE approved cable
- Sturdy impact resistant cassette with internal reel
- Neon power indicator
- Thermal overload protection prevents overheating
- Max load wound 660W
- Max load unwound 1760W

Part Number: E86450



### 25M 1.5MM LIGHT INDUSTRIAL CABLE REEL

This light industrial 16A 2 way reel has lots to offer including 2.5mm 3 core cable for extra safety and a strong steel frame providing a secure base. The neon indicator enables users to easily see from a distance when the power is switched on. Also includes a thermal cut out to prevent overheating, a great benefit to keep users safe during the working day.

- Industry standard VDE approved cable
- Sturdy impact resistant cassette with internal reel
- Neon power indicator
- Thermal overload protection prevents overheating
- Max load wound 660W
- Max load unwound 1760W

Part Number: E86455



### 25M 1.5MM LIGHT INDUSTRIAL CABLE REEL

This light industrial 16A 2 way reel has a strong steel frame providing a secure base. The neon indicator enables users to easily see from a distance when the power is switched on. Also includes a thermal cut out to prevent overheating.

- Industry standard VDE approved cable
- Sturdy impact resistant cassette with internal reel
- Neon power indicator
- Thermal overload protection prevents overheating
- Max load wound 720W
- Max load unwound 3120W

Part Number: E86475



### 50M 1.5MM HEAVY DUTY CABLE REEL

This heavy duty 50M reel is perfect to have on any construction site. The strong steel frame provides a secure base and the neon indicator enables users to easily see from a distance when the power is switched on. Also includes a thermal cut out to prevent overheating. The longer length covers more distance with less resistance giving less voltage drop across the cable, a great benefit to keep users fully powered during the working day.

- Industry standard VDE approved cable
- Sturdy impact resistant cassette with internal reel
- Neon power indicator
- Thermal overload protection prevents overheating
- Max load wound 660W
- Max load unwound 1760W

Part Number: E86500

## DEFENDER PRODUCTS



### 50M 2.5MM HEAVY DUTY CABLE REEL

This heavy duty 50M reel has lots to offer including 2.5MM 3 core cable for extra safety and a strong steel frame providing a secure base. The neon indicator enables users to easily see from a distance when the power is switched on. Also includes a thermal cut out to prevent overheating. The longer length covers more distance with less resistance giving less voltage drop across the cable, a great benefit to keep users fully powered during the working day.

- Industry standard VDE approved cable
- Sturdy impact resistant cassette with internal reel
- Neon power indicator
- Thermal overload protection prevents overheating
- Max load wound 660W
- Max load unwound 1760W

**Defender**  
POWER AND LIGHT

Part Number: E86510



### 50M 1.25MM HEAVY DUTY CABLE REEL

Defender's best selling 50M reel. This heavy duty 13A 4 way is a must have in any van. The strong steel frame provides a secure base and the neon indicator enables users to easily see from a distance when the power is switched on. Also includes a thermal cut out to prevent overheating. The longer length covers more distance with less resistance giving less voltage drop across the cable, a great benefit to keep users fully powered during the working day.

- Industry standard VDE approved cable
- Sturdy impact resistant cassette with internal reel
- Neon power indicator
- Thermal overload protection prevents overheating
- Max load wound 720W
- Max load unwound 3120W

Part Number: E86515



### 100M 1.5MM 3 CORE 110V CABLE

At Defender, a cable isn't just a cable. We invest the time and effort to ensure the copper content is consistently of the highest quality and that the inner and outer sheathing is robust and flexible, whether it be PVC or rubber. But most importantly that it can safely carry the load required to keep you working. We are proud to own a VDE co-licence meaning our factories are independently inspected and audited on a regular basis against very strict requirements. Our cables conform to BSEN standards and with dedicated quality assurance offices in both Europe and Asia, Defender continues to deliver it's quality commitments year after year.

Part Number: E87115



### 100M 2.5MM 3 CORE 110V CABLE

At Defender, a cable isn't just a cable. We invest the time and effort to ensure the copper content is consistently of the highest quality and that the inner and outer sheathing is robust and flexible, whether it be PVC or rubber. But most importantly that it can safely carry the load required to keep you working. We are proud to own a VDE co-licence meaning our factories are independently inspected and audited on a regular basis against very strict requirements. Our cables conform to BSEN standards and with dedicated quality assurance offices in both Europe and Asia, Defender continues to deliver it's quality commitments year after year.

Part Number: E87125

## DEFENDER PRODUCTS



### 100M 4MM 3 CORE 110V CABLE

At Defender, a cable isn't just a cable. We invest the time and effort to ensure the copper content is consistently of the highest quality and that the inner and outer sheathing is robust and flexible, whether it be PVC or rubber. But most importantly that it can safely carry the load required to keep you working. We are proud to own a VDE co-licence meaning our factories are independently inspected and audited on a regular basis against very strict requirements. Our cables conform to BSEN standards and with dedicated quality assurance offices in both Europe and Asia, Defender continues to deliver it's quality commitments year after year.



Part Number: E87235



### 100M DRUM 1.5MM 3 CORE 240V CABLE

At Defender, a cable isn't just a cable. We invest the time and effort to ensure the copper content is consistently of the highest quality and that the inner and outer sheathing is robust and flexible, whether it be PVC or rubber. But most importantly that it can safely carry the load required to keep you working. We are proud to own a VDE co-licence meaning our factories are independently inspected and audited on a regular basis against very strict requirements. Our cables conform to BSEN standards and with dedicated quality assurance offices in both Europe and Asia, Defender continues to deliver it's quality commitments year after year.

Part Number: E87215



### 100M 2.5MM 3 CORE 240V CABLE

At Defender, a cable isn't just a cable. We invest the time and effort to ensure the copper content is consistently of the highest quality and that the inner and outer sheathing is robust and flexible, whether it be PVC or rubber. But most importantly that it can safely carry the load required to keep you working. We are proud to own a VDE co-licence meaning our factories are independently inspected and audited on a regular basis against very strict requirements. Our cables conform to BSEN standards and with dedicated quality assurance offices in both Europe and Asia, Defender continues to deliver it's quality commitments year after year.

Part Number: E87225



### 50M 1MM 2 CORE 110V / 240V RUBBER CABLE

At Defender, a cable isn't just a cable. We invest the time and effort to ensure the copper content is consistently of the highest quality and that the inner and outer sheathing is robust and flexible, whether it be PVC or rubber. But most importantly that it can safely carry the load required to keep you working. We are proud to own a VDE co-licence meaning our factories are independently inspected and audited on a regular basis against very strict requirements. Our cables conform to BSEN standards and with dedicated quality assurance offices in both Europe and Asia, Defender continues to deliver it's quality commitments year after year.

Part Number: E87420



## DEFENDER PRODUCTS



### 50M 1MM 3 CORE 110V / 240V RUBBER CABLE

At Defender, a cable isn't just a cable. We invest the time and effort to ensure the copper content is consistently of the highest quality and that the inner and outer sheathing is robust and flexible, whether it be PVC or rubber. But most importantly that it can safely carry the load required to keep you working. We are proud to own a VDE co-licence meaning our factories are independently inspected and audited on a regular basis against very strict requirements. Our cables conform to BSEN standards and with dedicated quality assurance offices in both Europe and Asia, Defender continues to deliver it's quality commitments year after year.

Part Number: E87435



### 50M 1.5MM 2 CORE 110V / 240V RUBBER CABLE

At Defender, a cable isn't just a cable. We invest the time and effort to ensure the copper content is consistently of the highest quality and that the inner and outer sheathing is robust and flexible, whether it be PVC or rubber. But most importantly that it can safely carry the load required to keep you working. We are proud to own a VDE co-licence meaning our factories are independently inspected and audited on a regular basis against very strict requirements. Our cables conform to BSEN standards and with dedicated quality assurance offices in both Europe and Asia, Defender continues to deliver it's quality commitments year after year.

Part Number: E87425



### 50M 1.5MM 3 CORE 110V / 240V RUBBER CABLE

At Defender, a cable isn't just a cable. We invest the time and effort to ensure the copper content is consistently of the highest quality and that the inner and outer sheathing is robust and flexible, whether it be PVC or rubber. But most importantly that it can safely carry the load required to keep you working. We are proud to own a VDE co-licence meaning our factories are independently inspected and audited on a regular basis against very strict requirements. Our cables conform to BSEN standards and with dedicated quality assurance offices in both Europe and Asia, Defender continues to deliver it's quality commitments year after year.

Part Number: E87440



### 50M 2.5MM 2 CORE 110V / 240V RUBBER CABLE

At Defender, a cable isn't just a cable. We invest the time and effort to ensure the copper content is consistently of the highest quality and that the inner and outer sheathing is robust and flexible, whether it be PVC or rubber. But most importantly that it can safely carry the load required to keep you working. We are proud to own a VDE co-licence meaning our factories are independently inspected and audited on a regular basis against very strict requirements. Our cables conform to BSEN standards and with dedicated quality assurance offices in both Europe and Asia, Defender continues to deliver it's quality commitments year after year.

Part Number: E87430

## DEFENDER PRODUCTS



### 50M 2.5MM 3 CORE 110V / 240V RUBBER CABLE

At Defender, a cable isn't just a cable. We invest the time and effort to ensure the copper content is consistently of the highest quality and that the inner and outer sheathing is robust and flexible, whether it be PVC or rubber. But most importantly that it can safely carry the load required to keep you working. We are proud to own a VDE co-licence meaning our factories are independently inspected and audited on a regular basis against very strict requirements. Our cables conform to BSEN standards and with dedicated quality assurance offices in both Europe and Asia, Defender continues to deliver it's quality commitments year after year.



Part Number: E87445

### 3.3KVA POWER POD TRANSFORMER

Exclusively designed and manufactured by Defender, this transformer is a lightweight powerhouse that makes easy work of power distribution in real world harsh environments.

It's clever design eliminates many of the challenges experienced when using transformers on site including recessed sockets to prevent breakages, a high grade Du Pont nylon plastic casing, no chips or cracks and a handy cable management system. The neon power indicator shows power is there, so there's no lost time working out supply faults.

It features 2x 16A sockets that can be used with corded products such as SDS drills, small demolition hammers, 4.5" angle grinders, jigsaws and circular saws, numerous lighting products, industrial fans, dehumidifiers and fume extractors.

- Intermittent rating of 3000W - duty cycle 5 mins on / 15 mins off
- Continuous rating of 1500W
- Made and tested in the UK
- Fitted with 240V 13A plug
- Centre tapped to earth for extra safety



<b>Voltage:</b>	H07 RN-F
<b>Outlets:</b>	2 x 16A
<b>Cable:</b>	1.8m 1.5mm 3 core H07-RNF
<b>Weight:</b>	18kg
<b>Standard:</b>	BSEN 61558-1
<b>Lumens:</b>	N/A
<b>Frequency:</b>	50Hz
<b>Colour Temp:</b>	N/A
<b>Power:</b>	3.3kva
<b>Dimensions:</b>	280mm x 285mm x 280mm
<b>Light Spread:</b>	N/A
<b>Tripping Speed:</b>	N/A
<b>RCD Rating:</b>	N/A
<b>Plug:</b>	N/A
<b>Socket:</b>	N/A
<b>Plug Type:</b>	13A 240V BS 1363 plug
<b>Ingress Protection:</b>	IP44
<b>Drop Test:</b>	N/A
<b>Operating Temp:</b>	N/A
<b>Lamp Type:</b>	N/A

## DEFENDER PRODUCTS



### 3KVA PORTABLE TRANSFORMER

Defender's most popular transformer can be used with corded products such as SDS drills, small demolition hammers, bench grinders, 4.5" angle grinders, jigsaw's and circular saws. Additionally suited for lighting products, industrial fans, dehumidifiers and fume extractors.

- Intermittent rating of 3000W - duty cycle 5 mins on / 15 mins off
- Continuous rating of 1650W
- Made and tested in the UK for reliability and durability
- Fitted with 240V 13A plug
- Centre tapped to earth for extra safety

**Defender**  
POWER AND LIGHT

Part Number: E203010



### 5KVA PORTABLE TRANSFORMER

A tough transformer which can be used with larger corded power tools such as SDS drills, demolition hammers, mixer drills, 9" angle grinders, jigsaws and circular saws. Suitable other products such as site lights, industrial fans, multiple dehumidifiers and fume extractors.

- Intermittent rating of 5000W - duty cycle 5 mins on / 15 mins off
- Continuous rating of 2500W
- Made and tested in the UK for reliability and durability
- No plug fitted
- Centre tapped to earth for extra safety

Part Number: E205042



### 3.3KVA PORTABLE TRANSFORMER

A robust transformer which can be used with corded products such as SDS drills, small demolition hammers, bench grinders, 4.5" angle grinders, jigsaws and circular saws. Additionally suited for lighting products, industrial fans, dehumidifiers and fume extractors.

- Intermittent rating of 3300W - duty cycle 5 mins on / 15 mins off
- Continuous rating of 1650W
- Made and tested in the UK for reliability and durability
- Fitted with 240V 13A plug
- Centre tapped to earth for extra safety

Part Number: E203022



### 5KVA SITE TRANSFORMER

Re-engineered for 2018 with an improved IP rating, this 5kVA site transformer gives significant size and weight economies. Higher bolted on feet provide easier underneath access and are simple to remove and replace if damaged. Defender sockets as standard for quality consistency.

- Continuous rating of 5000W
- Made and tested in the UK
- Collapsible lifting handles for safer handling and stacking
- No plug fitted

Part Number: ZE210028



## DEFENDER PRODUCTS

**Defender**  
POWER AND LIGHT



### 10KVA AIR COOL SITE TRANSFORMER

This single phase, air cooled unit has a new handle design offering safer manual handling and the improved IP rating ensures users are kept safe. Higher bolted on feet provide better access from underneath and are easy to remove and replace if damaged. Defender sockets as standard for quality consistency.

- Continuous rating of 10000W
- Made and tested in the UK
- Collapsible lifting handles for safer handling and stacking
- No plug fitted

Part Number: ZE210022



### 10KVA 3 PHASE SITE TRANSFORMER

The new handle design for 2018 offers safer manual handling and an improved IP rating ensures users are kept safe. Higher bolted on feet provide better access from underneath and are easy to remove and replace if damaged. Defender sockets as standard for quality consistency.

- Continuous rating of 10000W
- Made and tested in the UK
- Collapsible lifting handles tested to 1.5 times of the total transformer weight
- No plug fitted

Part Number: ZE210027



### 3KVA HEATER TRANSFORMER

Designed to run 110V heaters, including ceramic, fan and infrared, dehumidifiers and lighting that uses a 16A socket. The new twin handle design allows for a two person lift thereby offering safer manual handling.

- Continuous rating of 3000W
- 2x collapsible lifting handles for safer handling and stacking
- Made and tested in the UK
- Centre tapped to earth for extra safety
- No plug fitted

Part Number: E205062



### 3.3KVA STEP-UP TRANSFORMER

A quality step-up transformer which enables users to operate 240V 16A tools by attaching to a 110V electrical circuit. It provides isolation from the mains and eliminates the need to buy a second set of tools.

- Intermittent rating of 3300W - duty cycle 5 mins on / 15 mins off
- Continuous rating of 1650W
- Made and tested in the UK for reliability and durability
- Fitted with 110V 16A plug
- Centre tapped to earth for extra safety

Part Number: E203030

## DEFENDER PRODUCTS



### DEFENDER UPLIGHT SPLITTER BASE 110V

- Genuine 110V 4-way splitter box to redistribute power on site
- Injection-moulded sand-filled base that's made tough to take knocks
- Operates as a secure docking station for the Uplight V3 light stick



Part Number: E712655

### 4 WAY SPIDER BALL 16A SPLITTER

Exclusively designed and manufactured by Defender, this 4 way power splitter offers easy and reliable power distribution. For use with power tools and site lighting, the sockets are recessed to prevent shearing when in use and the neon power indicator is easy to see on each socket when the power is switched on. With it's strong and durable outershell, the Spider Ball is tough and long lasting.

- Tough durable nylon and rubber casing tested on site to perform
- Cable management system to help keep tidy and easy to store
- Innovative stackable design
- Rubber strap to ensure cable is fixed and tidy when not in use
- Integrated carry handle to help with easy lifting
- Lightest 4 way splitter in the Defender range

<b>Voltage:</b>	110V
<b>Outlets:</b>	4 x 16A
<b>Cable:</b>	3m 1.5mm <sup>2</sup> 3G black H07-RNF
<b>Weight:</b>	2.5kg
<b>Standard:</b>	BSEN 6500
<b>Lumens:</b>	No
<b>Frequency:</b>	50Hz
<b>Colour Temp:</b>	No
<b>Power:</b>	No
<b>Dimensions:</b>	No
<b>Light Spread:</b>	No
<b>Tripping Speed:</b>	N/A
<b>RCD Rating:</b>	N/A
<b>Plug:</b>	N/A
<b>Socket:</b>	N/A
<b>Plug Type:</b>	No
<b>Ingress Protection:</b>	IP44
<b>Drop Test:</b>	N/A
<b>Operating Temp:</b>	-15°C - 40°C
<b>Lamp Type:</b>	No



## DEFENDER PRODUCTS



### 3 WAY SPIDER POD 16A SPLITTER

Exclusively designed and manufactured by Defender, the Spider Pod features 3x 16A, 110V, multi directional sockets fixed onto a rubber cable. Providing great performance in the toughest of conditions, it uses lightweight nylon that is built to withstand high impact. Easy to transport and store, it's an exceptional product for the best performance in the real world.

- Lightweight and portable for easy transport and storage
- Tough nylon plastic, suitable for use in tough conditions
- Allows three different 16A tools applications to be connected at one time
- IP44 rating to ensure users are kept safe in dusty environments
- Rubber cable to ensure maximum electrical safety



Part Number: E13220



### 4 WAY 110V 16A CLASSIC POWER SPLITTER

Our classic 4 way splitter made from tough steel will not let you down. It gives 4x 16A outlets allowing multiple applications to be connected at any time. This product comes with a carry handle to relocate the splitter easily and the sturdy design ensures it stays upright on the harshest of surfaces.

- Lightweight and portable for easy transport and storage
- Steel case, one of the most strong and durable materials on the market
- Rubber cable to ensure maximum electrical safety

Part Number: E13104



### 4 WAY 240V 16A CLASSIC POWER SPLITTER

This 4 way steel 240V splitter is usable and tough. The 4x 16A outlets allow multiple applications to be connected at any time. It comes with a carry handle to relocate easily and the sturdy design helps the product stay upright on the harshest of surfaces. Perfect for use with small and medium sized power tools and lights.

- Lightweight and portable for easy transport and storage
- Steel case, one of the most strong and durable materials on the market
- Rubber cable to ensure maximum electrical safety

Part Number: E13112



### 2 WAY 110V 32A POWER SPLITTER

An essential for any tool kit, this power splitter is made from fibreglass giving extra protection in the toughest working conditions. The 2x 32A sockets allow 2 applications to be connected at any time. The splitter can be easily moved around with the carry handle and the robust legs ensure it's sturdy when in use.

- Lightweight and portable for easy transport and storage
- Tough nylon plastic, suitable for use in tough conditions
- Rubber cable to ensure maximum electrical safety

Part Number: E13111



## DEFENDER PRODUCTS



### 4 WAY 110V 16A & 32A POWER SPLITTER

This 4 way splitter made from tough steel offers versatility and reliability. The 2x 16A and 2x 32A outlets allow multiple applications to be connected at any time. It comes with a carry handle to relocate easily and the sturdy design helps the product stay upright on the harshest of surfaces. Perfect for use with small and medium sized power tools and lights.

- Lightweight and portable for easy transport and storage
- Steel case, one of the most strong and durable materials on the market
- Rubber cable to ensure maximum electrical safety



Part Number: E13108



### 6 WAY 110V 16A & 32A POWER SPLITTER UNIT

This 6 way power distributor with MCB protection is tough and strong. It's single phase construction is specially manufactured for use on construction sites, giving multiple power access for power tools and lighting. Manufactured to all applicable standards, the sheet steel enclosure is built to withstand the toughest conditions. Fitted with 2x 20A MCB's this product offers pure safety as standard.

- Steel case, one of the most strong and durable materials on the market
- Allows six different applications to be connected at one time
- 2x 20A MCB's fitted internally to give hassle free safety

Part Number: E13125



### 13A / 16A 240V FLY LEAD

This single socket 240V fly lead enables users to connect a 16A tool or light to a standard 13A lead without the need to re-wire, saving both time and money. It is supplied with a short cable to maintain flexibility but not too long that it can be tangled.

- Quick and easy adapter for 240V 16A equipment to attach to 13A leads
- Short length cable to minimise excessive tangling
- Robust Defender plug and four gang socket
- 25cm of 1.5mm cable

Part Number: E85301



### 16A / 13A 240V / 2 GANG FLY LEAD

This dual socket 240V fly lead enables users to connect two standard plug tools or lights to a 16A lead without the need to re-wire, saving both time and money. It is supplied with a short cable to maintain flexibility but not too long that it can be angled.

- Quick and easy adapter for 240V 13A equipment to attach to 16A leads
- Robust Defender plug and single socket
- Short length cable to minimise excessive tangling
- 25cm of 1.5mm cable

Part Number: E85302

## DEFENDER PRODUCTS



### 16A / 13A 240V / 1 GANG FLY LEAD

This single socket 240V fly lead enables users to connect a standard plug tool or light to a 16A lead without the need to re-wire, saving both time and money. It is supplied with a short cable to maintain flexibility but not too long that it can be tangled.

- Quick and easy adapter for 240V 13A equipment to attach to 16A leads
- Robust Defender plug and single socket
- Short length cable to minimise excessive tangling
- 25cm of 1.5mm cable



Part Number: E85300



### 16A / 13A 240V / 4 GANG FLY LEAD

This four socket 240V fly lead enables users to connect standard plug tools and lights to a 16A lead without the need to re-wire, saving both time and money. It is supplied with a short cable to maintain flexibility but not too long that it can be tangled.

- Quick and easy adapter for 240V 13A equipment to attach to 16A leads
- Robust Defender plug and single socket
- Short length cable to minimise excessive tangling
- 25cm of 1.5mm cable

Part Number: E85315



### 32A / 16A 110V FLY LEAD

This single socket 110V fly lead enables users to connect a 32A tool to a 16A lead without the need to re-wire, saving both time and money. It is supplied with a short cable to maintain flexibility but not too long that it can be tangled.

- Quick and easy adapter for 32A plugs to join a 16A lead
- Robust Defender plug and coupler
- 30cm of 1.5mm cable
- Saves time as no need to re-wire tools
- Spring hinged cover on 16A socket for maximum socket protection

Part Number: E85323



### 13A 240V RUBBERISED NYLON PLUG (10 PACK) IP20

The Defender 13a rubberised nylon plugs are 240v and available in boxes of 10. These ergonomically designed sockets reduce fitting & inspection time.

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 13Amp
- Rubberised nylon plug

Part Number: E882615

## DEFENDER PRODUCTS



### 16A 110V PLUG (10 PACK) IP44

The Defender 16A Plug is a yellow 110v power solution that is ergonomically designed to reduce fitting and inspection time.

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 16Amp plug



Part Number: E884005



### 16A 240V PLUG (10 PACK) IP44

The Defender 16A Plug is a blue 240V power solution that is ergonomically designed and its twist and lock back reduces fitting and inspection time.

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 16Amp plug

Part Number: E884130



### DEFENDER 16A PLUG - DISPLAY PACKED 110V

- Ergonomic Design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 16Amp plug

Part Number: E884002



### DEFENDER 16A PLUG - DISPLAY PACKED 240V

- Ergonomic Design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 16Amp plug

Part Number: E884127



## DEFENDER PRODUCTS



### 32A 110V PLUG IP44

The Defender 32A Plug is a yellow 110V power solution that is ergonomically designed to reduce fitting and inspection time.

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 32Amp panel socket



Part Number: E884250



### 32A 240V PLUG IP44

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 32Amp panel socket

Part Number: E884260



### DEFENDER 32A PLUG - DISPLAY PACKED 110V

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 32Amp panel socket

Part Number: E884255



### DEFENDER 32A PLUG - DISPLAY PACKED 240V

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 32Amp panel socket

Part Number: E884265

## DEFENDER PRODUCTS



### 13A 1 GANG RUBBER SOCKDET (10 PACK)

The Defender 13A 1 gang rubber sockets are 240V and available in boxes of 10. These ergonomically designed sockets reduce fitting & inspection time.

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 13Amp 1 gang rubber socket



Part Number: E882921



### 13A 2 GANG 240V RUBBER SOCKET (10 PACK)

The Defender 13A 2 gang rubber sockets are 240V and available in boxes of 10. These ergonomically designed sockets reduce fitting & inspection time.

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 13Amp 2 gang rubber socket

Part Number: E882923



### 13A 4 GANG 240V RUBBER SOCKET

The Defender 13A 4 gang rubber socket is a 240V power solution. These ergonomically designed sockets reduce fitting & inspection time.

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 13Amp 4 gang rubber socket

Part Number: E882924



### 16A 110V PANEL SOCKET IP44

The Defender 13A 4 gang rubber socket is a 240V power solution. These ergonomically designed sockets reduce fitting & inspection time.

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 16Amp panel socket

Part Number: E884100

## DEFENDER PRODUCTS



### 16A 240V PANEL SOCKET IP44

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 16Amp panel socket



Part Number: E884200



### DEFENDER 16A PANEL SOCKET - DISPLAY PACKED 110V

- Ergonomic Design: easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 16Amp panel socket

Part Number: E884105



### DEFENDER 16A PANEL SOCKET - DISPLAY PACKED 240V

- Ergonomic Design: easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 16Amp panel socket

Part Number: E884205



### 32A 110V PANEL SOCKET IP44

The Defender 32A Panel Socket is a yellow power solution available in 110V. It is ergonomically designed to reduce fitting and inspection times.

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 32Amp panel socket

Part Number: E884290



## DEFENDER PRODUCTS



### 32A 240V PANEL SOCKET IP44

The Blue Defender 32A Panel Socket is designed to reduce fitting and inspection times due to its ergonomic design and the twist & lock plug back with single screw.

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 32Amp panel socket



Part Number: E884300



### DEFENDER 32A PANEL SOCKET - DISPLAY PACKED 110V

- Ergonomic Design- easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 32Amp panel socket

Part Number: E884295



### DEFENDER 32A PANEL SOCKET - DISPLAY PACKED 240V

- Ergonomic Design- easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 32Amp panel socket

Part Number: E884305



### 16A 110V COUPLER (10 PACK) IP44

The yellow Defender 16A Coupler is a 110V power solution. Its ergonomic design with handles, safe twist and lock fittings reduces fitting and inspection time.

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 16Amp coupler

Part Number: E884055

## DEFENDER PRODUCTS



### 16A 240V COUPLER (10 PACK) IP44

The Defender 16A Coupler is a blue 240V power solution that is ergonomically designed and its twist and lock plug back reduces fitting and inspection time.

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 16Amp coupler



Part Number: E884180



### DEFENDER 16A COUPLER - DISPLAY PACKED 110V

- Ergonomic Design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 16Amp coupler

Part Number: E884052



### DEFENDER 16A COUPLER - DISPLAY PACKED 240V

- Ergonomic Design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 16Amp coupler

Part Number: E884177



### 32A 110V COUPLER IP44

The Defender 32A Coupler is a yellow 110V power solution that is ergonomically designed with a twist & lock back to reduce fitting and inspection time.

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 32Amp coupler

Part Number: E884270

## DEFENDER PRODUCTS



### 32A 240V COUPLER IP44

The Blue Defender 32A coupler is an ergonomically designed 240V power solution.

- Ergonomic design - easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 32Amp coupler

**Defender**  
POWER AND LIGHT

Part Number: E884280



### DEFENDER 32A COUPLER - DISPLAY PACKED 110V

- Ergonomic design: easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 32Amp coupler

Part Number: E884275



### DEFENDER 32A COUPLER - DISPLAY PACKED 240V

- Ergonomic Design- easy to handle with grip points
- Twist & lock plug back with single screw reduces fitting and inspection time
- 32Amp coupler

Part Number: E884285



### 13A 240V RCD PLUG

The RCD plug is designed to give an extra layer of protection and confidence when working on high risk sites. As well as an impact resistant body it is also fitted with a test and reset function, keeping users safe at all times.

- Cuts power in 40ms when an imbalance is detected helping to prevent electrocution
- Essential for use in high risk areas
- Easy to apply to standard 240V cable
- Test and reset functions ensure safety at all times
- Robust body means it can withstand the impacts of a working day

Part Number: E11070C



## DEFENDER PRODUCTS



### 13A 240V RCD SOCKET

The RCD plug is the simplest solution to gaining added protection as it requires no pre-wiring. As well as an impact resistant body it is also fitted with a test and reset function, keeping users safe at all times.

- Cuts power in 40ms when an imbalance is detected helping to prevent electrocution
- Essential for use in high risk areas
- No need to wire up - just plug in and go
- Test and reset functions ensure safety at all times
- Robust body means it can withstand the impacts of a working day



Part Number: E11060C



### 13A / 16A 240V IN-LINE RCD UNIT

This single socket 110V RCD protected fly lead enables users to connect a 16A tool or light to a 13A lead without the need to re-wire, saving both time and money. It is supplied with 1M of cable to maintain flexibility.

- Built in RCD protection with test and reset function
- Quick and easy adapter for 240V 13A equipment to attach to 16A leads
- 1m of 1.5mm cable provides plenty of room to work
- Fitted with robust Defender plug and coupler

Part Number: E11085C



### 13A / 16A 240V RCD UNIT

The RCD unit provides an increased level of protection when using 240V 16A tools or lights. The external MCB switch gives users safe and easy control with the 2M cable providing plenty of room to work. Made from lightweight fibreglass it is easy to transport around site.

- Lightweight fibreglass body makes it easy to move around
- Integrated MCB switch keeps users safe at work
- No need to wire up, just plug in and go
- 2M cable provides plenty of room to work

Part Number: E11090



### 13A 240V RCD UNIT

The RCD unit provides an increased level of protection when using 240V 13A tools or lights. The external MCB switch gives users safe and easy control with the 2M cable providing plenty of room to work. Made from lightweight fibreglass, it is easy to transport around site.

- Lightweight fibreglass body makes it easy to move around
- Integrated MCB switch keeps users safe at work
- No need to wire up, just plug in and go
- 2M cable provides plenty of room to work

Part Number: E11092

## DEFENDER PRODUCTS



### BATTERY BANK 10 DOOR CHARGING LOCKER

The Battery Bank is a secure charging locker that allows you to charge your batteries, mobile devices and other electrical equipment, confident in the knowledge that it is safe from thieves.

The Battery Bank ensures good practice for risk assessment by removing unsightly and dangerous chargers and trip hazards, securing them within a safe environment. Site ready the Battery Bank is electrically safe and certified, fully earthed and protected by RCDs and an MCB with site specified H07 rubber cable. Despite this it remains fully portable, robust and easy to use.

- 10 secure lockers each individually protected with twin 13A RCD sockets. If a faulty charger trips the RCD in another locker your items will continue to charge
- Coin return locking - compatible with the new £1 coin, numbered and supplied with 2 keys per lock
- Master MCB unit to protect all the lockers from site power surges
- Site specified 3M lead HO7 rubber cable with a 16A 240V plug
- Made in the UK with solid steel construction and fully powder coated to provide excellent anti-corrosive properties

**Defender**  
POWER AND LIGHT

Part Number: E92000



### 3 WAY 16A CABLE SPLITTER

This lightweight, portable power splitter is ideal to keep in the van or store in the workshop. Featuring a 16A connector used to connect 3 cables to one outlet, it also boasts an IP44 rating keeping users safe in and around dusty environments. It's the perfect add on to your main range of site equipment.

- Lightweight and portable for easy transport and storage
- Spring hinged cover on each socket for maximum socket protection
- Tough durable plastic, suitable for use in tough conditions
- Allows two different 16A tools to be connected at one time
- Lightweight and easy storage only 430g
- Being able to connect two cables saves the user time

Available in 110V & 240V

Part Number: 3-WAY-SPLITTER











### 16A / 13A 240V ADAPTOR

The easiest and most portable 240V 13A adaptor in the Defender range. This moulded 16A 240V plug with integral 13A single socket is the perfect addition to any power kit. The 13A socket has a spring hinge cover on the socket for maximum protection.

- Spring hinged cover on 13A socket for maximum socket protection
- Tough durable plastic suitable for use in tough conditions
- Easy to see on site - bright blue indicating 240V
- Lightweight and easy storage only 140g
- Simple to use with no hassle when time is tight

Part Number: E884309





# BS8020:2011 INSULATED & STEEL SHOVELS

SQUARE MOUTH INSULATED SHOVEL, ONE PIECE HANDLE 10" X 12-1/2"		TAPER MOUTH INSULATED SHOVEL, ONE PIECE HANDLE 10" X 8-1/2" X 12-1/2"		TRENCHING INSULATED SHOVEL, ONE PIECE HANDLE 7" X 11"		RABBIT INSULATED SHOVEL, ONE PIECE HANDLE 7" TO 5" X 12"	
							
PART CODE	FIBT01R	PART CODE	FIBT02R	PART CODE	FIBT03R	PART CODE	FIBT05R
NEWCASTLE DRAINING INSULATED SHOVEL, ONE PIECE HANDLE 7" X 4" X 16"		CABLE LAYING INSULATED SHOVEL, ONE PIECE HANDLE 5" X 4-1/2" X 11"		CLAY GRAFTER INSULATED SHOVEL, ONE PIECE HANDLE 6" X 12"		ROUND MOUTH INSULATED SHOVEL, ONE PIECE HANDLE 10" X 12-1/2"	
							
PART CODE	FIBT07R	PART CODE	FIBT08R	PART CODE	FIBT09R	PART CODE	FIBT10R
SQUARE MOUTH STEEL SHOVEL		TAPER MOUTH STEEL SHOVEL		TRENCHING STEEL SHOVEL		RABBIT STEEL SHOVEL	
							
PART CODE	SSSMR	PART CODE	SSTMR	PART CODE	SSTS	PART CODE	SSRS
NEWCASTLE DRAINING STEEL SHOVEL		CABLE LAYING STEEL SHOVEL		CLAY GRAFTER STEEL SHOVEL		ROUND MOUTH STEEL SHOVEL	
							
PART CODE	SSND	PART CODE	SSCL	PART CODE	SSGT	PART CODE	SSRM


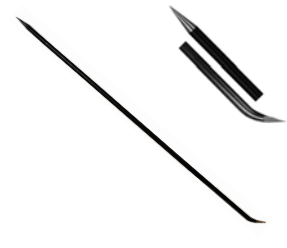


83 SHOVELS & CROWBARS



## BS8020:2011 INSULATED CROWBARS

INSULATED CROWBAR CHISEL & POINT 32MM $\phi$ X 60" LONG		INSULATED CROWBAR POINT END RUBBER HAND GRIP		INSULATED CROWBAR CHISEL END RUBBER HAND GRIP		INSULATED CROWBAR HEEL & POINT 32MM $\phi$ X 60" LONG	
							
PART CODE	FIBT23	PART CODE	FIBT24	PART CODE	FIBT25	PART CODE	FIBT26

## STEEL CROWBARS

HEEL & POINT CROWBAR 1500MM X 28MM HEXAGON		HEEL & POINT CROWBAR 28MM ROUND X 1500MM		HEEL & BLUNT CROWBAR 1500MM X 28MM HEXAGON		POINT & BLUNT CROWBAR 1500MM X 28MM HEXAGON	
							
PART CODE	CBHP	PART CODE	CBHPR	PART CODE	CHB	PART CODE	CPB

## PICK HANDLES & HEADS

WOODEN PICK HANDLE		FIBREGLASS PICK HANDLE		NAVY PICK HEAD FITS BOTH HANDLES	
					
PART CODE	PICK3	PART CODE	PICK4	PART CODE	PICK5

# BOX SPANNERS

Box Spanner 200mm Length



Flat Head (mm)	Spanner (mm)
T27 TORX	13/19

PART CODE	SP1
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Box Spanner 200mm Length



Flat Head (mm)	Spanner (mm)
T27 TORX	17/19

PART CODE	SP2
-----------	-----

Box Spanner 130mm Length



Flat Head (mm)	Spanner (mm)
T27 TORX	13/19

PART CODE	SP3
-----------	-----

Box Spanner with Oil Plug Remover, 120mm Length



Flat Head (mm)	Spanner (mm)
3/8" Square	19/21

PART CODE	SP4
-----------	-----

Box Spanner 130mm Length



Flat Head (mm)	Spanner (mm)
6 x 1	19/13

PART CODE	RSCS
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Box Spanner 140mm Length



Flat Head (mm)	Spanner (mm)
7 x 0.5	19/13

PART CODE	RSBSPL
-----------	--------

Box Spanner 115mm Length



Flat Head (mm)	Spanner (mm)
7 x 1	19/13

PART CODE	RSBSPS
-----------	--------

Box Spanner 160mm Length



Flat Head (mm)	Spanner (mm)
7 x 1	17/19

PART CODE	CSBS1719
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## KEYING & SLEDGE HAMMERS

7LB KEYING HAMMER  
HICKORY SHAFT



PART CODE 7KH

7LB KEYING HAMMER  
HEAD ONLY



PART CODE 7KHHEAD

10LB KEYING HAMMER  
HICKORY SHAFT



PART CODE 10KH

10LB KEYING HAMMER  
HEAD ONLY



PART CODE 10KHHEAD

7LB INSULATED KEYING  
HAMMER



PART CODE FIBT49

10LB INSULATED KEYING  
HAMMER



PART CODE FIBT48

7LB SLEDGE HAMMER  
C/W HICKORY HANDLE



PART CODE 7SH

10LB SLEDGE HAMMER  
C/W HICKORY HANDLE



PART CODE 10SH






14LB SLEDGE HAMMER  
C/W HICKORY HANDLE

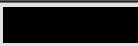






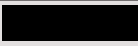




PART CODE 14SH

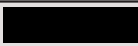












## TRUGS


Part Code	Litre	Description	Colour
TRUG1	75 Litre	Rubber Trug	
TRUG1	75 Litre	Rubber Trug	
TRUG1	75 Litre	Rubber Trug	
TRUG1	75 Litre	Rubber Trug	
TRUG1	75 Litre	Rubber Trug	

Part Code	Litre	Description	Colour
TRUG2	45 Litre	Rubber Trug	
TRUG2	45 Litre	Rubber Trug	
TRUG2	45 Litre	Rubber Trug	
TRUG2	45 Litre	Rubber Trug	
TRUG2	45 Litre	Rubber Trug	

Part Code	Litre	Description	Colour
TRUG3	30 Litre	Rubber Trug	
TRUG3	30 Litre	Rubber Trug	
TRUG3	30 Litre	Rubber Trug	
TRUG3	30 Litre	Rubber Trug	
TRUG3	30 Litre	Rubber Trug	

Part Code	Litre	Description	Colour
TRUG4	25 Litre	Rubber Trug	
TRUG4	25 Litre	Rubber Trug	
TRUG4	25 Litre	Rubber Trug	
TRUG4	25 Litre	Rubber Trug	
TRUG4	25 Litre	Rubber Trug	

Part Code	Litre	Description	Colour
TRUG5	15 Litre	Rubber Trug	
TRUG5	15 Litre	Rubber Trug	
TRUG5	15 Litre	Rubber Trug	
TRUG5	15 Litre	Rubber Trug	
TRUG5	15 Litre	Rubber Trug	
TRUG5	15 Litre	Rubber Trug	

Part Code	Litre	Description	Colour
BALLBUCK	37 Litre	Rubber Ballast Bucket	

## RATCHET STRAPS

5 TONNE X 10M RATCHET STRAP  
C/W J CLAW HOOKS, 50MM WIDE  
STRAP



PART CODE 600140

25MM X 4M RATCHET STRAP C/W  
CLAW HOOKS 800DAN BF BREAKING  
FORCE CONFORMS TO EN12195



PART CODE R1704

25MM X 8M RATCHET STRAP C/W  
CLAW HOOKS 1.5KG



PART CODE R1708

3 TONNE X 6M RATCHET STRAP  
C/W DOUBLE J HOOKS EITHER  
END, 35MM WIDE STRAP



PART CODE RS3TX6M

5 TONNE X 6M RATCHET STRAP  
C/W DOUBLE J HOOKS EITHER END,  
50MM WIDE STRAP



PART CODE RS5X6M

# IMPACT SOCKETS

## 1/4" Sq. Dr. Impact Socket - 6 Point Hexagon

Metric - MM Standard

Metric - MM Long

Imperial - AF Standard

Imperial - AF Long

Part Code	Size	Part Code	Size	Part Code	Size	Part Code	Size
A4S	4	A4L	4	A316AFS	3/16.	A316AFL	3/16.
A45S	4.5	A45L	4.5	A732AFS	7/32.	A732AFL	7/32.
A5S	5	A5L	5	A14AFS	1/4.	A14AFL	1/4.
A55S	5.5	A55L	5.5	A932AFS	9/32.	A932AFL	9/32.
A6S	6	A6L	6	A516AFS	5/16.	A516AFL	5/16.
A7S	7	A7L	7	A38AFS	3/8.	A38AFL	3/8.
A8S	8	A8L	8	A716AFS	7/16.	A716AFL	7/16.
A9S	9	A9L	9	A12AFS	1/2.	A12AFL	1/2.
A10S	10	A10L	10	A916AFS	9/16.	A916AFL	9/16.
A11S	11	A11L	11				
A12S	12	A12L	12				
A13S	13	A13L	13				
A14S	14	A14L	14				
A15S	15	A15L	15				

## 3/8" Sq Dr Impact Socket - 6 Point Hexagon

Metric - MM Standard

Metric - MM Long

Imperial - AF Standard

Imperial - AF Long

Part Code	Size	Part Code	Size	Part Code	Size	Part Code	Size (mm)
B6S	6	B7L	7	B14AFS	1/4.	B14AFL	1/4.
B7S	7	B8L	8	B516AFS	5/16.	B516AFL	5/16.
B8S	8	B9L	9	B38AFS	3/8.	B38AFL	3/8.
B9S	9	B10L	10	B716AFS	7/16.	B716AFL	7/16.
B10S	10	B11L	11	B12AFS	1/2.	B12AFL	1/2.
B11S	11	B12L	12	B916AFS	9/16.	B916AFL	9/16.
B12S	12	B13L	13	B58AFS	5/8.	B58AFL	5/8.
B13S	13	B14L	14	C1116AFS	11/16.	B11A16AFL	11/16.
B14S	14	B15L	15	B19S	3/4.	B19L	3/4.
B15S	15	B16L	16	B13A16S	13/16.	B13A16AFL	13/16.
B16S	16	B17L	17	B78AFS	7/8.	B78AFL	7/8.
B17S	17	B18L	18	B24S	15/16.	B24L	15/16.
B18S	18	B19L	19	B1AFS	1	B1AFL	1
B19S	19	B20L	20				
B20S	20	B21L	21				
B21S	21	B22L	22				
B22S	22	B24L	24				
B24S	24						

## 1/2" Sq Dr Impact Socket - 6 Point Hexagon

Metric - MM Standard

Metric - MM Long

Part Code	Size	Part Code	Size	Part Code	Size	Part Code	Size
C6S	6	C25S	25	C8L	8	C26L	26
C8S	8	C26S	26	C9L	9	C27L	27
C9S	9	C27S	27	C10L	10	C28L	28
C10S	10	C28S	28	C11L	11	C29L	29
C11S	11	C29S	29	C12L	12	C30L	30
C12S	12	C30S	30	C13L	13	C31L	31
C13S	13	C31S	31	C14L	14	C32L	32
C14S	14	C32S	32	C15L	15	C33L	33
C15S	15	C33S	33	C16L	16	C34L	34
C16S	16	C34S	34	C17L	17	C35L	35
C17S	17	C35S	35	C18L	18	C36L	36
C18S	18	C36S	36	C19L	19	C37L	37
C19S	19	C37S	37	C20L	20	C38L	38
C20S	20	C38S	38	C21L	21	C41L	41
C21S	21	C41S	41	C22L	22	C46L	46
C22S	22	C46S	46	C23L	23		
C23S	23			C24L	24		
C24S	24			C25L	25		



# IMPACT SOCKETS

## 1/2" Sq Dr Impact Socket - 6 Point Hexagon

### Imperial - AF Standard

Part Code	Size
C38AFS	3/8.
C716AFS	7/16.
C916AFS	9/16.
C58AFS	5/8.
C11A16AFS	11/16.
C19S	3/4.
C13A16AFS	13/16.
C78AFS	7/8.
C24S	15/16
C1AFS	1
C27S	1.1/16
C118AFS	1.1/8
C30S	1.3/16
C32S	1.1/4
C1516AFS	1.5/16
C35S	1.3/8
C1716AFS	1.7/16
C38L	1.1/2

Part Code	Size
C1916AFL	1.9/16
C41L	1.5/8
C43L	1.11/16
C134AFL	1.3/4
C46L	1.13/16
C178AFL	1.7/8

### Imperial - AF Long

Part Code	Size
C38AFL	3/8.
C716AFL	7/16.
C12AFL	1/2.
C916AFL	9/16.
C58AFL	5/8.
C11A16AFL	11/16.
C19L	3/4.
C13A16AFL	13/16.
C78AFL	7/8.
C24L	15/16.
C1AFL	1
C27L	1.1/16
C118AFL	1.1/8
C30L	1.3/16
C32L	1.1/4
C1516AFL	1.5/16
C35L	1.3/8
C1716AFL	1.7/16

Part Code	Size
C38L	1.1/2
C1916AFL	1.9/16
C41L	1.5/8
C43L	1.11/16
C134AFL	1.3/4
C46L	1.13/16
C178AFL	1.7/8
C51L	2

## 3/4" Sq Dr Impact Socket - 6 Point Hexagon

### Metric - MM Standard

Part Code	Size
E13S	13
E14S	14
E15S	15
E16S	16
E17S	17
E18S	18
E19S	19
E20S	20
E21S	21
E22S	22
E23S	23
E24S	24
E25S	25
E26S	26
E27S	27
E28S	28
E29S	29
E30S	30
E31S	31
E32S	32
E33S	33
E34S	34
E35S	35
E36S	36
E37S	37
E38S	38
E40S	40
E41S	41
E42S	42
E43S	43

Part Code	Size
E44S	44
E45S	45
E46S	46
E47S	47
E48S	48
E49S	49
E50S	50
E52S	52
E54S	54
E55S	55
E56S	56
E60S	60
E65S	65
E70S	70
E75S	75
E80S	80
E85S	85
E90S	90
E95S	95
E100S	100
E105S	105
E110S	110
E115S	115
E120S	120

### Metric - MM Long

Part Code	Size
E13L	13
E14L	14
E15L	15
E16L	16
E17L	17
E18L	18
E19L	19
E20L	20
E21L	21
E22L	22
E23L	23
E24L	24
E25L	25
E26L	26
E27L	27
E28L	28
E29L	29
E30L	30
E31L	31
E32L	32
E33L	33
E34L	34
E35L	35
E36L	36
E37L	37
E38L	38
E40L	40
E41L	41
E42L	42
E43L	43

Part Code	Size
E44L	44
E45L	45
E46L	46
E47L	47
E48L	48
E49L	49
E50L	50
E51L	51
E52L	52
E54L	54
E55L	55
E56L	56
E60L	60
E65L	65
E70L	70
E75L	75
E80L	80
E85L	85
E90L	90
E95L	95
E100L	100
E105L	105
E110L	110
E115L	115
E120L	120

HAND TOOLS 90

# IMPACT SOCKETS

## 3/4" Sq Dr Impact Socket - 6 Point Hexagon

### Imperial - AF Standard

Part Code	Size	Part Code	Size
E12AFS	1/2.	E54S	2.1/8
E916AFS	9/16.	E2316AFS	2.3/16
E58AFS	5/8.	E214AFS	2.1/4
E1116AFS	11/16.	E2516AFS	2.5/16
E19S	3/4.	E60S	2.3/8
E1316AFS	13/16.	E2716AFS	2.7/16
E78AFS	7/8.	E212AFS	2.1/2
E24S	15/16.	E2916AFS	2.9/16
E1AFS	1	E258AFS	2.5/8
E27S	1.1/16	E21116AFS	2.11/16
E118AFS	1.1/8	E234AFS	2.3/4
E30S	1.3/16	E21316AFS	2.13/16
E32S	1.1/4	E278AFS	2.7/8
E1516AFS	1.5/16	E21516AFS	2.15/16
E35S	1.3/8	E3AFS	3
E1716AFS	1.7/16	E3116AFS	3.1/16
E38S	1.1/2	E318AFS	3.1/8
E1916AFS	1.9/16	E3316AFS	3.3/16
E41S	1.5/8	E314AFS	3.1/4
E43S	1.11/16	E3516AFS	3.5/16
E134AFS	1.3/4	E338AFS	3.3/8
E46S	1.13/16	E3716AFS	3.7/16
E178AFS	1.7/8	E312AFS	3.1/2
E11516AFS	1.15/16	E334AFS	3.3/4
E51S	2	E31516AFS	3.15/16
E2116AFS	2.1/16		

### Imperial - AF Long

Part Code	Size	Part Code	Size
E12AFL	1/2.	E54L	2.1/8
E916AFL	9/16.	E2316AFL	2.3/16
E58AFL	5/8.	E214AFL	2.1/4
E1116AFL	11/16.	E2516AFL	2.5/16
E19L	3/4.	E60L	2.3/8
E1316AFL	13/16.	E2716AFL	2.7/16
E78AFL	7/8.	E212AFL	2.1/2
E24L	15/16.	E2916AFL	2.9/16
E1AFL	1	E258AFL	2.5/8
E27L	1.1/16	E21116AFL	2.11/16
E118AFL	1.1/8	E234AFL	2.3/4
E30L	1.3/16	E21316AFL	2.13/16
E32L	1.1/4	E278AFL	2.7/8
E1516AFL	1.5/16	E21516AFL	2.15/16
E35L	1.3/8	E3AFL	3
E1716AFL	1.7/16	E3116AFL	3.1/16
E38L	1.1/2	E318AFL	3.1/8
E1916AFL	1.9/16	E3316AFL	3.3/16
E41L	1.5/8	E314AFL	3.1/4
E43L	1.11/16	E3516AFL	3.5/16
E134AFL	1.3/4	E338AFL	3.3/8
E46L	1.13/16	E3716AFL	3.7/16
E178AFL	1.7/8	E312AFL	3.1/2
E11516AFL	1.15/16	E334AFL	3.3/4
E51L	2	E31516AFL	3.15/16
E2116AFL	2.1/16		

## 1" Sq Dr Impact Socket - 6 Point Hexagon

### Metric - MM Standard

Part Code	Size	Part Code	Size
F16S	16	F45S	45
F17S	17	F46S	46
F18S	18	F47S	47
F19S	19	F48S	48
F20S	20	F49S	49
F21S	21	F50S	50
F22S	22	F52S	52
F23S	23	F54S	54
F24S	24	F55S	55
F25S	25	F56S	56
F26S	26	F60S	60
F27S	27	F65S	65
F28S	28	F70S	70
F29S	29	F75S	75
F30S	30	F80S	80
F31S	31	F85S	85
F32S	32	F90S	90
F33S	33	F95S	95
F34S	34	F100S	100
F35S	35	F105S	105
F36S	36	F110S	110
F37S	37	F115S	115
F38S	38	F120S	120
F40S	40	F125S	125
F41S	41	F130S	130
F42S	42	F135S	135
F43S	43	F140S	140
F44S	44		

### Imperial - AF Long

Part Code	Size	Part Code	Size
F16L	16	F45L	45
F17L	17	F46L	46
F18L	18	F47L	47
F19L	19	F48L	48
F20L	20	F49L	49
F21L	21	F50L	50
F22L	22	F52L	52
F23L	23	F54L	54
F24L	24	F55L	55
F25L	25	F56L	56
F26L	26	F60L	60
F27L	27	F65L	65
F28L	28	F70L	70
F29L	29	F75L	75
F30L	30	F80L	80
F31L	31	F85L	85
F32L	32	F90L	90
F33L	33	F95L	95
F34L	34	F100L	100
F35L	35	F105L	105
F36L	36	F110L	110
F37L	37	F115L	115
F38L	38	F120L	120
F40L	40	F125L	125
F41L	41	F130L	130
F42L	42	F135L	135
F43L	43	F140L	140
F44L	44		

# IMPACT SOCKETS

## 1" Sq Dr Impact Socket - 6 Point Hexagon - Imperial - AF Standard & Long

Part Code	Size	Part Code	Size	Part Code	Size	Part Code	Size
F58AFS	5/8.	F278AFS	2.7/8	F58AFL	5/8.	F278AFL	2.7/8
F1116AFS	11/16.	F21516AFS	2.15/16	F1116AFL	11/16.	F21516AFL	2.15/16
F19S	3/4.	F3AFS	3	F19L	3/4.	F3AFL	3
F1316AFS	13/16.	F3116AFS	3.1/16	F1316AFL	13/16.	F3116AFL	3.1/16
F78AFS	7/8.	F318AFS	3.1/8	F78AFL	7/8.	F318AFL	3.1/8
F24S	15/16.	F3316AFS	3.3/16	F24L	15/16.	F3316AFL	3.3/16
F1AFS	1	F314AFS	3.1/4	F1AFL	1	F314AFL	3.1/4
F27S	1.1/16	F3516AFS	3.5/16	F27L	1.1/16	F3516AFL	3.5/16
F118AFS	1.1/8	F338AFS	3.3/8	F118AFL	1.1/8	F338AFL	3.3/8
F30S	1.3/16	F3716AFS	3.7/16	F30L	1.3/16	F3716AFL	3.7/16
F32S	1.1/4	F312AFS	3.1/2	F32L	1.1/4	F312AFL	3.1/2
F1516AFS	1.5/16	F3916AFS	3.9/16	F1516AFL	1.5/16	F3916AFL	3.9/16
F35S	1.3/8	F358AFS	3.5/8	F35L	1.3/8	F358AFL	3.5/8
F1716AFS	1.7/16	F31116AFS	3.11/16	F1716AFL	1.7/16	F31116AFL	3.11/16
F38S	1.1/2	F95S	3.3/4	F38L	1.1/2	F95L	3.3/4
F1916AFS	1.9/16	F31316AFS	3.13/16	F1916AFL	1.9/16	F31316AFL	3.13/16
F41S	1.5/8	F378AFS	3.7/8	F41L	1.5/8	F378AFL	3.7/8
F43S	1.11/16	F31516AFS	3.15/16	F43L	1.11/16	F31516AFL	3.15/16
F134AFS	1.3/4	F4AFS	4	F134AFL	1.3/4	F4AFL	4
F46S	1.13/16	F4116AFS	4.1/16	F46L	1.13/16	F4116AFL	4.1/16
F178AFS	1.7/8	F105S	4.1/8	F178AFL	1.7/8	F105L	4.1/8
F11516AFS	1.15/16	F4316AFS	4.3/16	F11516AFL	1.15/16	F4316AFL	4.3/16
F51	2	F414AFS	4.1/4	F51	2	F414AFL	4.1/4
F2116AFS	2.1/16	F4516AFS	4.5/16	F2116AFL	2.1/16	F4516AFL	4.5/16
F54S	2.1/8	F438AFS	4.3/8	F54L	2.1/8	F438AFL	4.3/8
F2316AFS	2.3/16	F4716AFS	4.7/16	F2316AFL	2.3/16	F4716AFL	4.7/16
F214AFS	2.1/4	F412AFS	4.1/2	F214AFL	2.1/4	F412AFL	4.1/2
F2516AFS	2.5/16	F458AFS	4.5/8	F2516AFL	2.5/16	F458AFL	4.5/8
F60S	2.3/8	F434AFS	4.3/4	F60L	2.3/8	F434AFL	4.3/4
F2716AFS	2.7/16	F478AFS	4.7/8	F2716AFL	2.7/16	F478AFL	4.7/8
F212AFS	2.1/2	F5AFS	5	F212AFL	2.1/2	F5AFL	5
F65S	2.9/16	F518AFS	5.1/8	F65L	2.9/16	F518AFL	5.1/8
F258AFS	2.5/8	F514AFS	5.1/4	F258AFL	2.5/8	F514AFL	5.1/4
F21116AFS	2.11/16	F538AFS	5.3/8	F21116AFL	2.11/16	F538AFL	5.3/8
F70S	2.3/4	F512AFS	5.1/2	F70L	2.3/4	F512AFL	5.1/2
F21316AFS	2.13/16			F21316AFL	2.13/16		

## 1/2" Sq Dr Impact Socket -12 Point Hexagon

### Metric - MM Standard

Part Code	Size	Part Code	Size
BHC8S	8	BHC27S	27
BHC9S	9	BHC28S	28
BHC10S	10	BHC29S	29
BHC11S	11	BHC30S	30
BHC12S	12	BHC32S	32
BHC13S	13	BHC33S	33
BHC14S	14	BHC34S	34
BHC15S	15	BHC35S	35
BHC16S	16	BHC36S	36
BHC17S	17	BHC37S	37
BHC18S	18	BHC38S	38
BHC19S	19	BHC41S	41
BHC20S	20	BHC43S	43
BHC21S	21	BHC46S	46
BHC22S	22	BHC50S	50
BHC23S	23	BHC51S	51
BHC24S	24	BHC55S	55
BHC25S	25	BHC60S	60
BHC26S	26		

### Metric - MM Long

Part Code	Size	Part Code	Size
BHC8L	8	BHC27L	27
BHC9L	9	BHC28L	28
BHC10L	10	BHC29L	29
BHC11L	11	BHC30L	30
BHC12L	12	BHC32L	32
BHC13L	13	BHC33L	33
BHC14L	14	BHC34L	34
BHC15L	15	BHC35L	35
BHC16L	16	BHC36L	36
BHC17L	17	BHC38L	38
BHC18L	18	BHC41L	41
BHC19L	19	BHC46L	46
BHC20L	20	BHC50L	50
BHC21L	21	BHC51L	51
BHC22L	22	BHC55L	55
BHC23L	23	BHC60L	60
BHC24L	24		
BHC25L	25		
BHC26L	26		

HAND TOOLS 92



# IMPACT SOCKETS

## 1/2" Sq Dr Impact Socket -12 Point Hexagon

### Imperial - AF Standard

Part Code	Size
BHC516AFS	5/16.
BHC38AFS	3/8.
BHC716AFS	7/16.
BHC12AFS	1/2.
BHC916AFS	9/16.
BHC58AFS	5/8.
BHC11A16AFS	11/16.
BHC19S	3/4.
BHC13A16AFS	13/16.
BHC78AFS	7/8.
BHC24S	3/4.
BHC1AFS	1
BHC27S	1.1/16
BHC118AFS	1.1/8
BHC30S	1.3/16
BHC32S	1.1/4
BHC1516AFS	1.5/16
BHC35S	1.3/8
BHC1716AFS	1.7/16

Part Code	Size
BHC38S	1.1/2
BHC1916AFS	1.9/16
BHC41S	1.5/8
BHC43S	1.11/16
BHC134AFS	1.3/4
BHC46S	1.13/16
BHC178AFS	1.7/8
BHC51S	2

### Imperial - AF Long

Part Code	Size
BHBHC516AFL	5/16.
BHC38AFL	3/8.
BHC716AFL	7/16.
BHC12AFL	1/2.
BHC916AFL	9/16.
BHC58AFL	5/8.
BHC11A16AFL	11/16.
BHC19L	3/4.
BHC13A16AFL	13/16.
BHC78AFL	7/8.
BHC24L	15/16.
BHC1AFL	1
BHC27L	1.1/16
BHC118AFL	1.1/8
BHC30L	1.3/16
BHC32L	1.1/4
BHC1516AFL	1.5/16
BHC35L	1.3/8
BHC1716AFL	1.7/16

Part Code	Size
BHC38L	1.1/2
BHC1916AFL	1.9/16
BHC41L	1.5/8
BHC43L	1.11/16
BHC134AFL	1.3/4
BHC46L	1.13/16
BHC178AFL	1.7/8
BHC51L	2

## 3/4" Sq Dr Impact Socket -12 Point Hexagon

### Metric - MM Standard

Part Code	Size
BHE13S	13
BHE14S	14
BHE15S	15
BHE16S	16
BHE17S	17
BHE18S	18
BHE19S	19
BHE20S	20
BHE21S	21
BHE22S	22
BHE23S	23
BHE24S	24
BHE25S	25
BHE26S	26
BHE27S	27
BHE28S	28
BHE29S	29
BHE30S	30
BHE31S	31
BHE32S	32
BHE33S	33
BHE34S	34
BHE35S	35
BHE36S	36

Part Code	Size
BHE38S	38
BHE40S	40
BHE41S	41
BHE42S	42
BHE43S	43
BHE44S	44
BHE45S	45
BHE46S	46
BHE47S	47
BHE48S	48
BHE49S	49
BHE50S	50
BHE52S	52
BHE54S	54
BHE55S	55
BHE56S	56
BHE60S	60
BHE65S	65
BHE70S	70
BHE75S	75
BHE80S	80
BHE85S	85
BHE90S	90

### Metric - MM Long

Part Code	Size
BHE13L	13
BHE14L	14
BHE15L	15
BHE16L	16
BHE17L	17
BHE18L	18
BHE19L	19
BHE20L	20
BHE21L	21
BHE22L	22
BHE23L	23
BHE24L	24
BHE25L	25
BHE26L	26
BHE27L	27
BHE28L	28
BHE29L	29
BHE30L	30
BHE31L	31
BHE32L	32
BHE33L	33
BHE34L	34
BHE35L	35
BHE36L	36

Part Code	Size
BHE38L	38
BHE40L	40
BHE41L	41
BHE42L	42
BHE43L	43
BHE44L	44
BHE45L	45
BHE46L	46
BHE47L	47
BHE48L	48
BHE49L	49
BHE50L	50
BHE52L	52
BHE54L	54
BHE55L	55
BHE56L	56
BHE60L	60
BHE65L	65
BHE70L	70
BHE75L	75
BHE80L	80
BHE85L	85
BHE90L	90

# IMPACT SOCKETS

## 3/4" Sq Dr Impact Socket - 12 Point Bi Hexagon

### Imperial - AF Standard

Part Code	Size	Part Code	Size
BHE1716AFS	1.7/16	BHE258AFS	2.5/8
BHE38S	1.1/2	BHE21116AFS	2.11/16
BHE1916AFS	1.9/16	BHE234AFS	2.3/4
BHE41S	1.5/8	BHE21316AFS	2.13/16
BHE43S	1.11/16	BHE278AFS	2.7/8
BHE134AFS	1.3/4	BHE21516AFS	2.15/16
BHE46S	1.13/16	BHE3AFS	3
BHE178AFS	1.7/8	BHE3116AFS	3.1/16
BHE51S	2	BHE318AFS	3.1/8
BHE2116AFS	2.1/16	BHE3316AFS	3.3/16
BHE54S	2.1/8	BHE314AFS	3.1/4
BHE2316AFS	2.3/16	BHE3516AFS	3.5/16
BHE214AFS	2.1/4	BHE338AFS	3.3/8
BHE2516AFS	2.5/16	BHE3716AFS	3.7/16
BHE60S	2.3/8	BHE312AFS	3.1/2
BHE2716AFS	2.7/16	BHE334AFS	3.3/4
BHE212AFS	2.1/2	BHE31516AFS	3.15/16
BHE2916AFS	2.9/16		

### Imperial - AF Long

Part Code	Size	Part Code	Size
BHE1716AFL	1.7/16	BHE258AFL	2.5/8
BHE38L	1.1/2	BHE21116AFL	2.11/16
BHE1916AFL	1.9/16	BHE234AFL	2.3/4
BHE41L	1.5/8	BHE21316AFL	2.13/16
BHE43L	1.11/16	BHE278AFL	2.7/8
BHE134AFL	1.3/4	BHE21516AFL	2.15/16
BHE46L	1.13/16	BHE3AFL	3
BHE178AFL	1.7/8	BHE3116AFL	3.1/16
BHE51L	2	BHE318AFL	3.1/8
BHE2116AFL	2.1/16	BHE3316AFL	3.3/16
BHE54L	2.1/8	BHE314AFL	3.1/4
BHE2316AFL	2.3/16	BHE3516AFL	3.5/16
BHE214AFL	2.1/4	BHE338AFL	3.3/8
BHE2516AFL	2.5/16	BHE3716AFL	3.7/16
BHE60L	2.3/8	BHE312AFL	3.1/2
BHE2716AFL	2.7/16	BHE334AFL	3.3/4
BHE212AFL	2.1/2	BHE31516AFL	3.15/16
BHE2916AFL	2.9/16		

## 1" Sq Dr Impact Socket -12 Point Hexagon

### Metric - MM Standard

Part Code	Size	Part Code	Size
BHF16S	16	BHF44S	44
BHF17S	17	BHF45S	45
BHF18S	18	BHF46S	46
BHF19S	19	BHF47S	47
BHF20S	20	BHF48S	48
BHF21S	21	BHF50S	50
BHF22S	22	BHF52S	52
BHF23S	23	BHF54S	54
BHF24S	24	BHF55S	55
BHF25S	25	BHF56S	56
BHF26S	26	BHF60S	60
BHF27S	27	BHF65S	65
BHF28S	28	BHF70S	70
BHF29S	29	BHF75S	75
BHF30S	30	BHF80S	80
BHF31S	31	BHF85S	85
BHF32S	32	BHF90S	90
BHF33S	33	BHF95S	95
BHF34S	34	BHF100S	100
BHF35S	35	BHF105S	105
BHF36S	36	BHF110S	110
BHF37S	37	BHF115S	115
BHF38S	38	BHF120S	120
BHF40S	40	BHF125S	125
BHF41S	41	BHF130S	130
BHF42S	42	BHF135S	135
BHF43S	43	BHF140S	140

### Metric - MM Long

Part Code	Size	Part Code	Size
BHF16L	16	BHF45L	45
BHF17L	17	BHF46L	46
BHF18L	18	BHF47L	47
BHF19L	19	BHF48L	48
BHF20L	20	BHF49L	49
BHF21L	21	BHF50L	50
BHF22L	22	BHF52L	52
BHF23L	23	BHF54L	54
BHF24L	24	BHF55L	55
BHF25L	25	BHF56L	56
BHF26L	26	BHF60L	60
BHF27L	27	BHF65L	65
BHF28L	28	BHF70L	70
BHF29L	29	BHF75L	75
BHF30L	30	BHF80L	80
BHF31L	31	BHF85L	85
BHF32L	32	BHF90L	90
BHF33L	33	BHF95L	95
BHF34L	34	BHF100L	100
BHF35L	35	BHF105L	105
BHF36L	36	BHF110L	110
BHF37L	37	BHF115L	115
BHF38L	38	BHF120L	120
BHF40L	40	BHF125L	125
BHF41L	41	BHF130L	130
BHF42L	42	BHF135L	135
BHF43L	43	BHF140L	140
BHF44L	44		

# IMPACT SOCKETS

## 1" Sq Dr Impact Socket - 12 Point Bi Hexagon - Imperial AF

Metric - MM Standard

Part Code	Size	Part Code	Size
BHF58AFS	5/8.	BHF2716AFS	2.7/16
BHF1116AFS	11/16.	BHF212AFS	2.1/2
BHF19S	3/4.	BHF65S	2.9/16
BHF1316AFS	13/16.	BHF258AFS	2.5/8
BHF78AFS	7/8.	BHF21116AFS	2.11/16
BHF24S	15/16.	BHF70S	2.3/4
BHF1AFS	1	BHF21316AFS	2.13/16
BHF27S	1.1/16	BHF278AFS	2.7/8
BHF118AFS	1.1/8	BHF21516AFS	2.15/16
BHF30S	1.3/16	BHF3AFS	3
BHF32S	1.1/4	BHF3116AFS	3.1/16
BHF1516AFS	1.5/16	BHF318AFS	3.1/8
BHF35S	1.3/8	BHF3316AFS	3.3/16
BHF1716AFS	1.7/16	BHF314AFS	3.1/4
BHF38S	1.1/2	BHF3516AFS	3.5/16
BHF1916AFS	1.9/16	BHF338AFS	3.3/8
BHF41S	1.5/8	BHF3716AFS	3.7/16
BHF43S	1.11/16	BHF312AFS	3.1/2
BHF134AFS	1.3/4	BHF3916AFS	3.9/16
BHF46S	1.13/16	BHF358AFS	3.5/8
BHF178AFS	1.7/8	BHF31116AFS	3.11/16
BHF11516AFS	1.15/16	BHF95S	3.3/4
BHF51	2	BHF31316AFS	3.13/16
BHF2116AFS	2.1/16	BHF378AFS	3.7/8
BHF54S	2.1/8	BHF31516AFS	3.15/16
BHF2316AFS	2.3/16	BHF4AFS	4
BHF214AFS	2.1/4	BHF4116AFS	4.1/16
BHF2516AFS	2.5/16	BHF105S	4.1/8
BHF60S	2.3/8	BHF4316AFS	4.3/16
		BHF414AFS	4.1/4

Metric - MM Long

Part Code	Size	Part Code	Size
BHF58AFL	5/8.	BHF212AFL	2.1/2
BHF1116AFL	11/16.	BHF65L	2.9/16
BHF19L	3/4.	BHF258AFL	2.5/8
BHF1316AFL	13/16.	BHF21116AFL	2.11/16
BHF78AFL	7/8.	BHF70L	2.3/4
BHF24L	15/16.	BHF21316AFL	2.13/16
BHF1AFL	1	BHF278AFL	2.7/8
BHF27L	1.1/16	BHF21516AFL	2.15/16
BHF118AFL	1.1/8	BHF3AFL	3
BHF30L	1.3/16	BHF3116AFL	3.1/16
BHF32L	1.1/4	BHF318AFL	3.1/8
BHF1516AFL	1.5/16	BHF3316AFL	3.3/16
BHF35L	1.3/8	BHF314AFL	3.1/4
BHF1716AFL	1.7/16	BHF3516AFL	3.5/16
BHF38L	1.1/2	BHF338AFL	3.3/8
BHF1916AFL	1.9/16	BHF3716AFL	3.7/16
BHF41L	1.5/8	BHF312AFL	3.1/2
BHF43L	1.11/16	BHF3916AFL	3.9/16
BHF134AFL	1.3/4	BHF358AFL	3.5/8
BHF46L	1.13/16	BHF31116AFL	3.11/16
BHF178AFL	1.7/8	BHF95L	3.3/4
BHF11516AFL	1.15/16	BHF31316AFL	3.13/16
BHF51	2	BHF378AFL	3.7/8
BHF2116AFL	2.1/16	BHF31516AFL	3.15/16
BHF54L	2.1/8	BHF4AFL	4
BHF2316AFL	2.3/16	BHF4116AFL	4.1/16
BHF214AFL	2.1/4	BHF105L	4.1/8
BHF2516AFL	2.5/16	BHF4316AFL	4.3/16
BHF60L	2.3/8	BHF414AFL	4.1/4
BHF2716AFL	2.7/16		

## 1/2" Sq Dr Impact Socket - 8 Point Bi Square

Part Code	Size	Part Code	Size
BSC11S	11	BSC18AFS	1/8.
BSC14S	14	BSC316AFS	3/16.
BSC17S	17	BSC14AFS	1/4.
BSC19S	19	BSC516AFS	5/16.
BSC21S	21	BSC38AFS	3/8.
BSC24S	24	BSC716AFS	7/16.
BSC27S	27	BSC12AFS	1/2.
BSC32S	32	BSC916AFS	9/16.
BSC36S	36	BSC58AFS	5/8.
BSC41S	41	BSC1116AFS	11/16.
BSC55S	55	BSC33S	3/4.
BSC85S	85	BSC1316AFS	13/16.
		BSC78AFS	7/8.
		BSC1516AFS	15/16.
		BSC1AFS	1

## 3/4" Sq Dr Impact Socket - 8 Point Bi Square

Part Code	Size	Part Code	Size
BSE38AFS	3/8.	BSE27	27
BSE716AFS	7/16.	BSE30	30
BSE12AFS	1/2.	BSE41S	41
BSE916AFS	9/16.	BSE50S	50
BSE58AFS	5/8.	BSE55S	55
BSE1116AFS	11/16.	BSE60S	60
BSE34AFS	3/4.	BSE65S	65
BSE1316AFS	13/16.	BSE70S	70
BSE78AFS	7/8.		
BSE1516AFS	15/16.		
BSE1AFS	1		
BSE116AFS	1.1/16		
BSE118AFS	1.1/8		
BSE114AFS	1.1/4		
BSE138AFS	1.3/8		
BSE112AFS	1.1/2		
BSE158AFS	1.5/8		
BSE134AFS	1.3/4		
BSE178AFS	1.7/8		
BSE2AFS	2		



## IMPACT SOCKETS

### 1" Sq Dr Impact Socket - 8 Point Bi Square

Part Code	Size	Part Code	Size	Part Code	Size
BSF27	27	BSF12AFS	1/2.	BSF218AFS	2.1/8
BSF36	36	BSF916AFS	9/16.	BSF214AFS	2.1/4
BSF41S	41	BSF28AFS	5/8.	BSF238AFS	2.3/8
BSF50S	50	BSF1116AFS	11/16.	BSF212AFS	2.1/2
BSF55S	56	BSF33AFS	3/4.	BSF258AFS	2.5/8
BSF60S	60	BSF1316AFS	13/16.	BSF234AFS	2.3/4
BSF65S	65	BSF78AFS	7/8.	BSF278AFS	2.7/8
BSF70S	70	BSF1516AFS	15/16.	BSF3AFS	3
BSF75S	75	BSF1AFS	1		
BSF80S	80	BSF116AFS	1.1/16		
BSF85S	85	BSF118AFS	1.1/8		
BSF90S	90	BSF114AFS	1.1/4		
BSF95S	95	BSF138AFS	1.3/8		
BSF100S	100	BSF112AFS	1.1/2		
BSF105S	105	BSF158AFS	1.5/8		
BSF110S	110	BSF134AFS	1.3/4		
BSF115S	115	BSF178AFS	1.7/8		
BSF120S	120	BSF2AFS	2		

## TORX SOCKETS

### Male Torx 3/8" Drive

Part Code	Drive	Size	Description	Overall Length
MTBT9	3/8.	T9	Male - Internal Torx	50
MTBT10	3/8.	T10	Male - Internal Torx	50
MTBT15	3/8.	T15	Male - Internal Torx	50
MTBT20	3/8.	T20	Male - Internal Torx	50
MTBT25	3/8.	T25	Male - Internal Torx	50
MTBT27	3/8.	T27	Male - Internal Torx	50
MTBT30	3/8.	T30	Male - Internal Torx	50
MTBT40	3/8.	T40	Male - Internal Torx	50
MTBT45	3/8.	T45	Male - Internal Torx	50
MTBT47	3/8.	T47	Male - Internal Torx	50
MTBT50	3/8.	T50	Male - Internal Torx	50

### Male Torx 1/2" Drive

Part Code	Drive	Size	Description	Overall Length
MTCT20	1/2.	T20	Male - Internal Torx	55
MTCT25	1/2.	T25	Male - Internal Torx	55
MTCT27	1/2.	T27	Male - Internal Torx	55
MTCT30	1/2.	T30	Male - Internal Torx	55
MTCT40	1/2.	T40	Male - Internal Torx	55
MTCT45	1/2.	T45	Male - Internal Torx	55
MTCT47	1/2.	T47	Male - Internal Torx	55
MTCT50	1/2.	T50	Male - Internal Torx	55
MTCT55	1/2.	T55	Male - Internal Torx	55
MTCT60	1/2.	T60	Male - Internal Torx	55
MTCT70	1/2.	T70	Male - Internal Torx	55
MTCT80	1/2.	T80	Male - Internal Torx	55
MTCT90	1/2.	T90	Male - Internal Torx	55
MTCT100	1/2.	T100	Male - Internal Torx	55

## TORX SOCKETS

### Male Torx 3/4" Drive

Part Code	Drive	Size	Description	Overall Length
MTET55	3/4.	T55	Male - Internal Torx	110
MTET60	3/4.	T60	Male - Internal Torx	110
MTET70	3/4.	T70	Male - Internal Torx	110
MTET80	3/4.	T80	Male - Internal Torx	110
MTET90	3/4.	T90	Male - Internal Torx	110
MTET100	3/4.	T100	Male - Internal Torx	110

### Female Torx 1/2" Drive

Part Code	Drive	Size	Description	Overall Length	Torx Dia	Length
CE10	1/2.	E10	Female - External Torx	25	15	38
CE11	1/2.	E11	Female - External Torx	25	15.5	38
CE12	1/2.	E12	Female - External Torx	25	16	38
CE14	1/2.	E14	Female - External Torx	25	18.5	38
CE16	1/2.	E16	Female - External Torx	25	20	38
CE18	1/2.	E18	Female - External Torx	25	22	38
CE20	1/2.	E20	Female - External Torx	30	25	38
CE22	1/2.	E22	Female - External Torx	30	26.5	45
CE24	1/2.	E24	Female - External Torx	30	28.5	45

### Female Torx 3/4" Drive

Part Code	Drive	Size	Description	Overall Length	Torx Dia	Length
EE12S	3/4.	E12	Female - Internal	44	30	50
EE14S	3/4.	E14	Female - Internal	44	30	50
EE18S	3/4.	E18	Female - Internal	44	30	50
EE20S	3/4.	E20	Female - Internal	44	30	50
EE22S	3/4.	E22	Female - Internal	44	30	50
EE24S	3/4.	E24	Female - Internal	44	33	55

## BIT HOLDERS & BITS

### Hexagon Drive Holders

Part Code	Drive	Female Hexagon	Sq Dia	Shaft Dia	Length
HBHB716	3/8.	7/16.	22	22	38
HBHC716	1/2.	7/16.	26	26	40
HBHC78	1/2.	7/8.	40	40	55
HBHE78	3/4.	7/8.	43	43	55
HBHF78	1	7/8.	55	55	64
HBHF32	1	1.1/4	63	63	69
HBHG32	1.1/2	1.1/4	83	68	100
HBHG134	1.1/2	1.3/4	83	83	100

## BIT HOLDERS & BITS

### Metric Hex Bits

Part Code	Hex	Size (mm)	Sq Dia	Shaft Dia	Length
HB7166	7/16	6	28	14	14
HB7168	7/16	8	28	14	14
HB71610	7/16	10	28	14	14
HB71612	7/16	12	28	14	14
HB71614	7/16	14	28	14	14
HB71619	7/16	19	28	14	14
HB7810	7/8	10	45	22	23
HB7812	7/8	12	45	22	23
HB7814	7/8	14	45	22	23
HB7817	7/8	17	45	22	23
HB7819	7/8	19	45	22	23
HB7822	7/8	22	45	22	23
HB7824	7/8.	24	45	22	23
HB3227	1.1/4	27	65	30	35
HB3230	1.1/4	30	65	30	35
HB3232	1.1/4	32	65	30	35
HB3233	1.1/4	33	65	30	35
HB3236	1.3/4	36	75	35	40
HB3238	1.3/4	38	75	35	40
HB13441	1.3/4	41	75	35	40
HB13446	1.3/4	46	75	35	40
HB13450	1.3/4	50	75	35	40

### AF Hex Bits

Part Code	Hex	Size (mm)	Sq Dia	Shaft Dia	Length
HB71614	7/16.	1/4.	28	14	14
HB716516	7/16.	5/16.	28	14	14
HB71638	7/16.	3/8.	28	14	14
HB716716	7/16.	7/16.	28	14	14
HB71612	7/16.	1/2.	28	14	14
HB716916	7/16.	9/16.	28	14	14
HB71619	7/16.	3/4.	28	14	14
HB7838	7/8.	3/8.	45	22	23
HB7812	7/8.	1/2.	45	22	23
HB78916	7/8.	9/16.	45	22	23
HB7858	7/8.	5/8.	45	22	23
HB7819	7/8.	3/4.	45	22	23
HB781316	7/8.	13/16.	45	22	23
HB7878	7/8.	7/8.	45	22	23
HB781	7/8.	1	45	22	23
HB321	1.1/4	1	65	30	35
HB3227	1.1/4	1.1/6	65	30	35
HB32118	1.1/4	1.1/8	65	30	35
HB3230	1.1/4	1.3/16	65	30	35
HB3232	1.1/4	1.1/4	65	30	35
HB321516	1.1/4	1.5/16	65	30	35
HB13435	1.3/4	1.3/8	75	35	40
HB13438	1.3/4	1.1/2	75	35	40
HB13441	1.3/4	1.5/8	75	35	40
HB134134	1.3/4	1.3/4	75	35	40
HB134178	1.3/4	1.7/8	75	35	40
HB1342	1.3/4	2	75	35	40
HB134178	1.3/4	1.7/8	75	35	40
HB1342	1.3/4	2	75	35	40



# ADAPTORS

## Adaptors & Universal Joints & Sleeves

Part Code	STEP DOWN		Type	Sq Dia	Length
	Female	Male			
ADBA	3/8.	1/4.	Ball	22	32
ADCB	1/2.	3/8.	Ball	25	38
ADDC	5/8.	1/2.	Ball	43	43
ADEC	3/4.	1/2.	Ball	44	56
ADFC	1	1/2.	Ball	54	70
ADED	3/4.	5/8.	Hole	44	53
ADFE	1	3/4.	Hole	54	75
ADGF	1.1/2	1	Hole	86	100
ADHG	2.1/2	1.1/2	Hole	127	138

Part Code	STEP UP		Type	Sq Dia	Length
	Female	Male			
ADAB	1/4.	3/8.	Ball	13.6	26
ADBC	3/8.	1/2.	Ball	22	36
ADCD	1/2.	5/8.	Ball	43	43
ADCE	1/2.	3/4.	Hole	30	48
ADCF	1/2.	1	Hole	33	60
ADDE	5/8.	3/4.	Hole	5	53
ADEF	3/4.	1	Hole	44	63
ADFG	1	1.1/2	Hole	54	90
ADGH	1.1/2	2.1/2	Hole	86	120

## Universal Joints

Part Code		Sq Dia	Length
UJA	1/4.	18	43
UJB	3/8	24	50
UJC	1/2	32	60
UJE	3/4	44	105
UJF	1"	54	133
UJG	1.1/2	86	182
UJH	2.1/2	127	240

## Sleeves Square Inserts

Part Code	Male	Female	Length	Diameter
SLAC	1/2.	1/4.	20	17
SLBC	1/2	3/8	19	17
SLCD	5/8	1/2	22	21
SLCE	3/4	1/2	29	26
SLEF	1"	3/4	33	34
SLFG	1.1/2	1"	46	50
SLGH	2.1/2	1.1/2	50	69
SLHJ	3.1/2	2.1/2	96	121

# CONNECTORS

## Connectors Male/Male Square

Part Code	Male	Male	Length
ADMBC	3/8.	1/2.	28
ADMCC	1/2.	1/2.	37
ADMEC	1/2.	3/4.	40
ADMDD	5/8.	5/8.	40
ADMEE	3/4.	3/4.	50
ADMFE	1	3/4.	55
ADMFF	1	1	90
ADMGG	1.1/2	1.1/2	90
ADMHH	2.1/2	2.1/2	100

## Connectors Female/Female Square

Part Code	Female	Female	Diameter	Diameter	Length
ADFCC	1/2.	1/2.	25	25	33
ADFDC	5/8.	1/2.	35	30	41
ADFDD	5/8.	5/8.	35	35	35
ADFEC	3/4.	1/2.	44	30	49
ADFED	3/4.	5/8.	44	35	50
ADFEE	3/4.	3/4.	44	44	49
ADFFE	1	3/4.	54	44	63
ADFFF	1	1	54	54	59
ADFFG	1	1.1/2	54	85	90
ADFGG	1.1/2	1.1/2	86	86	85

## Sliding T Bars

Part Code	Size (mm)
TBARB	3/8.
TBARC	1/2.
TBARE	3/4.
TBARF	1
TBARG	1.1/2
TBARH	2.1/2

## Breaker Bars

Part Code	Drive	Length (mm)
BBARB450	3/8.	450
BBARB600	3/8.	600
BBARC450	1/2.	450
BBARC600	1/2.	600
BBARC900	1/2.	900
BBARE450	3/4.	450
BBARE600	3/4.	600
BBARE1000	3/4.	1000
BBARE1200	3/4.	1200
BBARE1500	3/4.	1500
BBARF600	1	600
BBARF1000	1	1000
BBARF1800	1	1800
BBARG	1.1/2	1180

## EXTENSIONS

Part Code	Drive	Drive (mm)	Type	Sq Dia	Length (")	Length (mm)
EX50A	1/4.	1/4.	Ball	13	2"	50
EX100A	1/4.	1/4.	Ball	13	4"	100
EX150A	1/4.	1/4.	Ball	13	6"	150
EX75B	3/8.	3/8.	Ball	19	3"	75
EX100B	3/8.	3/8.	Ball	19	4"	100
EX125B	3/8.	3/8.	Ball	19	5"	125
EX150B	3/8.	3/8.	Ball	19	6"	150
EX175B	3/8.	3/8.	Ball	19	7"	175
EX200B	3/8.	3/8.	Ball	19	8"	200
EX225B	3/8.	3/8.	Ball	19	18"	450
EX600B	3/8.	3/8.	Ball	19	24"	600
EX900B	3/8.	3/8.	Ball	19	26"	900
EX75C	1/2.	1/2.	Ball	25	3"	75
EX100C	1/2.	1/2.	Ball	25	4"	100
EX125C	1/2.	1/2.	Ball	25	5"	125
EX150C	1/2.	1/2.	Ball	25	6"	150
EX175C	1/2.	1/2.	Ball	25	7"	175
EX200C	1/2.	1/2.	Ball	25	8"	200
EX225C	1/2.	1/2.	Ball	25	9"	225
EX250C	1/2.	1/2.	Ball	25	10"	250
EX300C	1/2.	1/2.	Ball	25	12"	300
EX450C	1/2.	1/2.	Ball	25	18"	450
EX600C	1/2.	1/2.	Ball	25	24"	600
EX900C	1/2.	1/2.	Ball	25	36"	900
EX75E	3/4.	3/4.	Hole	44	3"	75
EX100E	3/4.	3/4.	Hole	44	4"	100
EX125E	3/4.	3/4.	Hole	44	5"	125
EX150E	3/4.	3/4.	Hole	44	6"	150
EX175E	3/4.	3/4.	Hole	44	7"	175
EX200E	3/4.	3/4.	Hole	44	8"	200
EX250E	3/4.	3/4.	Hole	44	10"	250
EX300E	3/4.	3/4.	Hole	44	12"	300
EX450E	3/4.	3/4.	Hole	44	18"	450
EX600E	3/4.	3/4.	Hole	44	24"	600
EX900E	3/4.	3/4.	Hole	44	36"	900
EX75F	1	1	Hole	54	3"	75
EX100F	1	1	Hole	54	4"	100
EX125F	1	1	Hole	54	5"	125
EX150F	1	1	Hole	54	6"	150
EX175F	1	1	Hole	54	7"	175
EX200F	1	1	Hole	54	8"	200
EX250F	1	1	Hole	54	10"	250
EX300F	1	1	Hole	54	12"	300
EX450F	1	1	Hole	54	18"	450
EX600F	1	1	Hole	54	24"	600
EX900F	1	1	Hole	54	36"	900



# MALE HEX DRIVERS

## 3/8" Square Drive

Part Code	Size (mm)
MB3S	3
MB4S	4
MB5S	5
MB6S	6
MB7S	7
MB8S	8
MB9S	9
MB10S	10
MB11S	11
MB12S	12
MB13S	14
MB14S	14
MB15S	15
MB16S	16
MB17S	17

## 3/8" Square Drive

Part Code	Size (AF)
MB316AFS	3/16.
MB14AFS	1/4.
MB732AFS	7/32.
MB516AFS	5/16.
MB38AFS	3/8.
MB716AFS	7/16.
MB12AFS	1/2.
MB916AFS	9/16.
MB58AFS	5/8.

## 1/2" Square Drive

Part Code	Size (mm)
MC4S	4
MC6S	6
MC8S	8
MC10S	10
MC11S	11
MC12S	12
MC13S	13
MC14S	14
MC15S	15
MC16S	16
MC17S	17
MC18S	18
MC19S	19
MC20S	20
MC21S	21
MC22S	22
MC23S	23
MC24S	24
MC25S	25
MC26S	26
MC27S	27
MC28S	28
MC29S	29
MC30S	30
MC32S	32
MC35S	35
MC38S	38
MC41S	41

## 1/2" Square Drive

Part Code	Size (mm)
MC316AFS	3/16.
MC14AFS	1/4.
MC516AFS	5/16.
MC38AFS	3/8.
MC716AFS	7/16.
MC12AFS	1/2.
MC916AFS	9/16.
MC1732AFS	17/32
MC58AFS	5/8.
MC19S	3/4.
MC78AFS	7/8.
MC1AFS	1
MC27S	1.1/16
MC30S	1.3/16
MC32S	1.1/4
MC35S	1.3/8

## 3/4" Square Drive

Part Code	Size (mm)
ME8S	8
ME10S	10
ME12S	12
ME14S	14
ME15S	15
ME16S	16
ME17S	17
ME18S	18
ME19S	19
ME20S	20
ME21S	21
ME22S	22
ME23S	23
ME24S	24
ME25S	25
ME26S	26
ME27S	27
ME28S	28
ME29S	29
ME30S	30
ME31S	31
ME32S	32
ME33S	33
ME34S	34
ME35S	35
ME36S	36
ME38S	38
ME41S	41

## 3/4" Square Drive

Part Code	Size (mm)
ME516AFS	5/16.
ME38AFS	3/8.
ME716AFS	7/16.
ME12AFS	1/2.
ME916AFS	9/16.
ME58AFS	5/8.
ME1116AFS	11/16.
ME19S	3/4.
ME78AFS	7/8.
ME1AFS	1
ME27S	1.1/16
ME118AFS	1.1/8
ME30S	1.3/16
ME32S	1.1/4
ME35S	1.3/8
ME38S	1.1/2
ME41S	1.5/8







## 1" Square Drive

Part Code	Size (mm)
MF10S	10
MF12S	12
MF14S	14
MF14S	15
MF16S	16
MF17S	17
MF19S	19
MF20S	20
MF21S	21
MF22S	22
MF23S	23
MF24S	24
MF25S	25
MF26S	26
MF27S	27
MF28S	28
MF29S	29
MF30S	30
MF31S	31
MF32S	32
MF33S	33
MF34S	34
MF35S	35
MF36S	36
MF38S	38
MF39S	39
MF40S	40
MF41S	41
MF42S	42
MF43S	43
MF46S	46

## 1" Square Drive

Part Code	Size (mm)
MF38AFS	3/8.
MF716AFS	7/16.
MF12AFS	1/2.
MF916AFS	9/16.
MF58AFS	5/8.
MF19S	3/4.
MF78AFS	7/8.
MF1AFS	1
MF27S	1.1/16
MF118AFS	1.1/8
MF32S	1.1/4
MF35S	1.3/8
MF38S	1.1/2
MF41S	1.5/8
MF43S	1.11/16
MF134AFS	1.3/4
MF46S	1.13/16

# CUTTING DISCS & GRINDING STONES

14" KLINGSPOR RAIL CUTTING DISC		16" KLINGSPOR RAIL CUTTING DISC		14" TYROLIT RAIL CUTTING DISC		16" TYROLIT RAIL CUTTING DISC	
							
PART CODE	KDISC14	PART CODE	KDISC16	PART CODE	TDISC14	PART CODE	TDISC16
DIAMOND BLADE VACUUM BRAZED 400MM X 200MM BORE		REPLACEMENT GEISMAR MC3 FROG STONE		REPLACEMENT GEISMAR MP12 GRINDING STONE		CUP STONE TO SUIT GEISMAR MV3 GRINDER	
							
PART CODE	DPVB	PART CODE	ADISCFROG	PART CODE	MP12STONE	PART CODE	ADISCMV3
RAIL DISC CARRYING BAG							
							
PART CODE	KDISCBAG						

OTHER CUTTING DISCS AND GRINDING STONE CAN BE SOURCED THROUGH ENQUIRY.

# ANTI-VIBRATION MOUNTS

<p>ANTI-VIBRATION MOUNT 20mm<math>\phi</math> x 15mm LONG M6 x 18mm DOUBLE MALE THREAD</p>  <p>PART CODE    200060</p>	<p>ANTI-VIBRATION MOUNT 30mm<math>\phi</math> x 25mm LONG M8 x 20mm DOUBLE MALE THREAD</p>  <p>PART CODE    200061</p>	<p>ANTI-VIBRATION MOUNT 38mm<math>\phi</math> x 37.5mm LONG M10 x 25mm DOUBLE MALE THREAD</p>  <p>PART CODE    200063</p>	<p>ANTI-VIBRATION MOUNT 50mm<math>\phi</math> x 35mm LONG M10 x 25mm DOUBLE MALE THREAD</p>  <p>PART CODE    200064</p>
<p>ANTI-VIBRATION MOUNT 71.5mm<math>\phi</math> x 32.5mm LONG M12 x 37mm DOUBLE MALE THREAD</p>  <p>PART CODE    200065</p>	<p>ANTI-VIBRATION MOUNT 40mm<math>\phi</math> x 30mm LONG M8 x 25mm DOUBLE MALE THREAD</p>  <p>PART CODE    200066</p>	<p>ANTI-VIBRATION MOUNT 12.7mm<math>\phi</math> x 20mm LONG M5 x 12mm DOUBLE MALE THREAD</p>  <p>PART CODE    200067</p>	<p>ANTI-VIBRATION MOUNT 76mm<math>\phi</math> x 50mm LONG M12 x 40mm DOUBLE MALE THREAD</p>  <p>PART CODE    200068</p>
<p>ANTI-VIBRATION MOUNT 50mm<math>\phi</math> x 30mm LONG M10 x 25mm DOUBLE MALE THREAD</p>  <p>PART CODE    200069</p>	<p>ANTI-VIBRATION MOUNT 50mm<math>\phi</math> x 56mm LONG M12 x 28mm DOUBLE MALE THREAD</p>  <p>PART CODE    200070</p>	<p>ANTI-VIBRATION MOUNT 60mm<math>\phi</math> x 35mm LONG M8 x 23mm DOUBLE MALE THREAD</p>  <p>PART CODE    200071</p>	<p>ANTI-VIBRATION MOUNT 40mm<math>\phi</math> x 30mm LONG M8 x 23mm SINGLE MALE THREAD x M8 FEMALE THREAD</p>  <p>PART CODE    200073</p>
<p>ANTI-VIBRATION MOUNT 76mm<math>\phi</math> x 50mm LONG M12 x 40mm SINGLE MALE THREAD x M12 FEMALE THREAD</p>  <p>PART CODE    200074</p>	<p>ANTI-VIBRATION MOUNT 50mm<math>\phi</math> x 30mm LONG M10 x 25mm SINGLE MALE THREAD x M10 FEMALE THREAD</p>  <p>PART CODE    200075</p>	<p>ANTI-VIBRATION MOUNT 50mm<math>\phi</math> x 35mm LONG M10 x 25mm SINGLE MALE THREAD x M10 FEMALE THREAD</p>  <p>PART CODE    200076</p>	<p>ANTI-VIBRATION MOUNT 75mm<math>\phi</math> x 40mm LONG M12 x 37mm SINGLE MALE THREAD x M12 FEMALE THREAD</p>  <p>PART CODE    200077</p>



## ANTI-VIBRATION MOUNTS

ANTI-VIBRATION MOUNT 50mm $\phi$ x 56mm LONG M12 x 28mm SINGLE MALE THREAD x M12 FEMALE THREAD		ANTI-VIBRATION MOUNT 50mm $\phi$ x 50mm LONG M10 x 25mm SINGLE MALE THREAD x M10 FEMALE THREAD		ANTI-VIBRATION MOUNT 50mm $\phi$ x 45mm LONG (M10 DOUBLE FEMALE)		ANTI-VIBRATION MOUNT 50mm $\phi$ x 50mm LONG (M10 DOUBLE FEMALE)	
							
PART CODE	200078	PART CODE	200079	PART CODE	200080	PART CODE	200081
ANTI-VIBRATION MOUNT 50mm $\phi$ x 50mm LONG (M12 DOUBLE FEMALE)							
							
PART CODE	200082						

## STARTER PULL CORD

STARTER PULL CORD 2.8MM X 100M		STARTER PULL CORD 3MM X 100M		STARTER PULL CORD 3.5MM X 100M		STARTER PULL CORD 4MM X 100M	
							
PART CODE	200050	PART CODE	SPC30	PART CODE	SPC35	PART CODE	SPC40
STARTER PULL CORD 4.5MM X 100M		STARTER PULL CORD 5MM X 100M		STARTER PULL CORD 5.5MM X 100M		STARTER PULL CORD 6MM X 100M	
							
PART CODE	SPC45	PART CODE	200055	PART CODE	200056	PART CODE	200057
UNBREAKABLE STARTER PULL CORD 2.8MM X 50M		UNBREAKABLE STARTER PULL CORD 3.6MM X 50M		UNBREAKABLE STARTER PULL CORD 5.5MM X 50M		HUSQVARNA STARTER PULL CORD BLUE KEVLAR 4MM X 50M	
							
PART CODE	DC28164	PART CODE	DC36164	PART CODE	DC55164	PART CODE	506 33 56-50

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## STARTER PULL HANDLES

STARTER PULL HANDLE TO SUIT HONDA GX100, GX110, GX120	STARTER PULL HANDLE TO SUIT HONDA GX140, GX160, GX200, GX240	STARTER PULL HANDLE TO SUIT YANMAR ENGINES	STARTER PULL HANDLE TO SUIT 3MM TO 5MM CORD
			
PART CODE PULLHANDLE OEM CODE 28461-ZE1-003	PART CODE PULLHANDLE1 OEM CODE 28461-ZH8-003	PART CODE PULLHANDLE2 OEM CODE 714870-0225	PART CODE 200001 OEM CODE L11932
STARTER PULL HANDLE TO SUIT 3.5Hp TO 18Hp ENGINES	STARTER PULL HANDLE TO SUIT 2Hp TO 5.5Hp QUANTUM & EUROPE	STARTER PULL HANDLE TO SUIT HONDA GX340 AND GX390	UNIVERSAL STARTER PULL HANDLE
			
PART CODE 200002 OEM CODE 490652	PART CODE 200003 OEM CODE 393152	PART CODE 200004 OEM CODE 28401-ZE2-W02	PART CODE 200005
STARTER PULL HANDLE TO SUIT STIHL MS170, MS180, MS230	STARTER PULL HANDLE TO SUIT DPC6200, 6400 AND 6410 CUT OFF SAW	STARTER PULL HANDLE TO SUIT CS3800 AND CS4100 CHAINSAWS	STARTER PULL HANDLE TO SUIT ALL TECUMSEH MODELS
			
PART CODE 200006 OEM CODE 1121 195 3400	PART CODE 200008 OEM CODE 001 161 010	PART CODE 200009	PART CODE 200010



## NGK SPARK PLUGS

Part Code	Thread
AB6	18mm
B2LM	14mm
B4	14mm
B4ES	14mm
B4LM	14mm
B5ES	14mm
B5HS	14mm
B6ES	14mm
B6HS	14mm
B6L	14mm
B6S	14mm
B7ES	14mm
B8ES	14mm
BCPR5ES	14mm
BCPR6ES	14mm
BCPR7ES	14mm
BCR8ES	14mm
BKR5E	14mm
BKR5E	14mm
BKR5E-11	14mm
BKR5EK	14mm
BKR5EY-11	14mm
BKR5EZ	14mm

Part Code	Thread
BKR6E	14mm
BKR6E-11	14mm
BKR6EK	14mm
BKR6EQUIP	14mm
BKR6EZ	14mm
BKUR6ET-10	14mm
BM4A	14mm
BM6A	14mm
BM6F	14mm
BM7A	14mm
BMR4A	14mm
BMR6A	14mm
BMR6F	14mm
BMR7A	14mm
BP4HS	14mm
BP5ES	14mm
BP5HS	14mm
BP6ES	14mm
BP6HS	14mm
BP7ES	14mm
BPM6A	14mm
BPM6F	14mm
BPM7A	14mm

Part Code	Thread
BPMR4A	14mm
BPMR6A	14mm
BPMR6F	14mm
BPMR7A	14mm
BPMR8Y	14mm
BPR4ES	14mm
BPR4FS	14mm
BPR4HS	14mm
BPR5ES	14mm
BPR5HS	14mm
BPR6ES	14mm
BPR6HS	14mm
BPR7HS	14mm
BR2LM	14mm
BR4HS	14mm
BR4LM	14mm
BR5ES	14mm
BR5HS	14mm
BR6ES	14mm
BR6HS	14mm
BR6S	14mm
BR7ES	14mm
BUR6ET	14mm

Part Code	Thread
CM6	10mm
CMR4A	10mm
CMR5H	10mm
CMR6A	10mm
CMR6H	10mm
CMR7A	10mm
CMR7H	10mm
CR4HSB	10mm
CR5HS	10mm
CR5HSB	10mm
CR8E	10mm
CR8HS	10mm
CR9EH-9	10mm
DR8ES	12mm
LFR6B	14mm
LZKAR7A	14mm
PFR6N-11	14mm
PTR5A-10	14mm
PTR6F-13	14mm
TR5A-10	14mm
TR5B-13	14mm
ZFR5F	14mm
ZFR5P-G	14mm

## CHAMPION SPARK PLUGS

Part Code	Thread
RL95YC	14mm
CJ8	14mm
J19LM	14mm
J8C	14mm
N9YC	14mm
RC12YC	14mm
RCJ8	14mm

Part Code	Thread
RCJ6Y	14mm
RCJ7Y	14mm
RDJ8J	14mm
RJ17LM	14mm
RJ19LM	14mm
RL86C	14mm

## ACCESSORIES

SPARK PLUG TESTER



PART CODE

SPARK1



OTHER SPARK PLUGS ARE AVAILBLE, PLEASE ASK FOR MORE DETAILS

## AIR FILTERS

HONDA AIR FILTER FITS GX100, GC135, GC160, GCV135, GCV160 (NON OEM)	GENUINE HONDA AIR FILTER GX140, GX160 & GX200 2-3/4" X 4" X 3"	GENUINE HONDA AIR FILTER GX240 & GX270 78MM X 102MM X 90MM	HONDA AIR FILTER
			
PART CODE   FILT22	PART CODE   17210-ZE1-505	PART CODE   17210-ZE2-515	PART CODE   17211-ZE1-000
HONDA AIR FILTER GX160 & GX200	HONDA AIR FILTER GX100	HONDA AIR FILTER GX120 (NON OEM)	HONDA AIR FILTER GX140, GX160 & GX200 (NON OEM)
			
PART CODE   17210-883-505	PART CODE   17211-ZL8-023	PART CODE   FILT50	PART CODE   FILT16
HONDA AIR FILTER GX140 & GX200	HONDA AIR FILTER GX240 & GX270 (NON OEM)	HONDA AIR FILTER GXH50 (NON OEM)	HONDA AIR FILTER GXV270 (NON OEM)
			
PART CODE   A1001-103-P	PART CODE   FILT17	PART CODE   FILT37	PART CODE   FILT17A
HONDA AIR FILTER GXV270, GXV340 & GXV390 (NON OEM)	HONDA AIR FILTER GXV340K2 & GXV390K1	HUSQVARNA BRUSHCUTTER AIR FILTER 355RX & 555RXT	HUSQVARNA AIR FILTER 560XP
			
PART CODE   FILT51	PART CODE   17211-ZF5-V01	PART CODE   537 41 08-02	PART CODE   505 12 63-05

## AIR FILTERS

HUSQVARNA BRUSHCUTTER  
AIR FILTER 545XP & 555RXT

Husqvarna



PART CODE 537 41 08-01

HUSQVARNA AIR FILTER  
550XP CHAINSAW

Husqvarna



PART CODE 522 67 54-05

HUSQVARNA AIR FILTER  
346XP CHAINSAW

Husqvarna



PART CODE 537 26 49-02

HUSQVARNA PAPER AIR  
FILTER 545 & 545RX

Husqvarna



PART CODE 574 66 80-03

HUSQVARNA AIR FILTER

Husqvarna



PART CODE 503 81 80-05

HUSQVARNA AIR FILTER

Husqvarna



PART CODE 503 81 80-06

HUSQVARNA AIR FILTER

Husqvarna



PART CODE 506 26 87-01

HUSQVARNA AIR FILTER

Husqvarna



PART CODE 537 38 11-01

HUSQVARNA AIR FILTER

Husqvarna



PART CODE 537 42 71-01

HUSQVARNA AIR FILTER

Husqvarna



PART CODE 575 26 91-01

HUSQVARNA AIR FILTER

Husqvarna



PART CODE 575 26 91-02

HUSQVARNA AIR FILTER

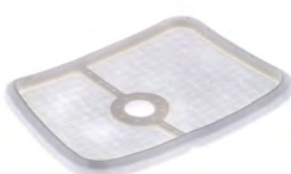
Husqvarna



PART CODE 581 04 74-01

HUSQVARNA AIR FILTER

Husqvarna



PART CODE 581 45 18-01

HUSQVARNA AIR FILTER

Husqvarna



PART CODE 506 23 18-03

HUSQVARNA AIR FILTER  
K1260 & K1270 RAIL SAW

Husqvarna



PART CODE 510 24 41-05

HUSQVARNA AIR FILTER  
K1270 RAIL SAW

Husqvarna



PART CODE 510 24 41-03

SPARES 110



# AIR FILTERS

HUSQVARNA AIR FILTER K1250 (NON OEM)		HUSQVARNA AIR FILTER K1260 (NON OEM)		HUSQVARNA AIR FILTER K650 (NON OEM)		HUSQVARNA MAIN AIR FILTER (NON OEM)	
							
PART CODE		PART CODE		PART CODE		PART CODE	
FILT08		100074		FILT39		FILT40	
HUSQVARNA AIR FILTER K760 PAPER & MESH (NON OEM)		HUSQVARNA AIR FILTER 125D BLOWER		STIHL AIR FILTER BT45		STIHL AIR FILTER GL95, FS87, FS100 & FS90	
							
PART CODE		PART CODE		PART CODE		PART CODE	
FILT52		545 11 21-01		4134 124 2800		4180 120 1800	
STIHL AIR FILTER HS45 HEDGETRIMMER		STIHL AIR FILTER		STIHL AIR FILTER		STIHL AIR FILTER	
							
PART CODE		PART CODE		PART CODE		PART CODE	
4140 124 2800		4149 141 0300		1145 140 4402		4147 141 0300	
STIHL AIR FILTER FS120, FS300 & FS400		STIHL AIR FILTER TS410 & TS420		STIHL AIR FILTER BR500, BR550 & BR600		STIHL AIR FILTER BT45	
							
PART CODE		PART CODE		PART CODE		PART CODE	
4134 141 0300		4238 140 4403		4282 141 0300		4314 124 2800	

## AIR FILTERS

<p>STIHL AIR FILTER HT103 (FS91)</p>  <p>PART CODE 4180 141 0300</p>	<p>STIHL MAIN AIR FILTER (NON OEM)</p>  <p>PART CODE FILT35</p>	<p>STIHL AIR FILTER MS150C CHAINSAW</p>  <p>PART CODE 1146 140 4401</p>	<p>STIHL AIR FILTER MS170 CHAINSAW (NON OEM)</p>  <p>PART CODE FILT54</p>
<p>STIHL AIR FILTER MS260 CHAINSAW (NON OEM)</p>  <p>PART CODE FILT56</p>	<p>STIHL AIR FILTER MS290</p>  <p>PART CODE 1127 120 1620</p>	<p>STIHL AIR FILTER TS400 (NON OEM)</p>  <p>PART CODE FILT11</p>	<p>STIHL AIR FILTER TS410 (NON OEM)</p>  <p>PART CODE FILT26</p>
<p>STIHL AIR FILTER HS56C</p>  <p>PART CODE 4242 120 1800</p>	<p>STIHL AIR FILTER HS81R, HS82R &amp; HS86C</p>  <p>PART CODE 4237 141 0300</p>	<p>ATLAS COPCO COBRA TT AIR FILTER</p>  <p>PART CODE 9234 0001 36</p>	<p>ATLAS COPCO COBRA TT AIR FILTER</p>  <p>PART CODE FILT62</p>
<p>ARC-GEN WELDMAKER 165AMP AIR FILTER</p>  <p>PART CODE DEN0602046697</p>	<p>BERNARD ENGINE AIR FILTER (NON OEM)</p>  <p>PART CODE FILT49</p>	<p>CEMBRE RAIL DRILL AIR FILTER</p>  <p>PART CODE 11013-2184</p>	<p>GREENMECH SAFETRAK 1928 MK2 AIR FILTER</p>  <p>PART CODE 100083</p>

SPARES 112



# AIR FILTERS











\*Images for illustrative purposes only

<p>KAWASAKI TJ045E ENGINE AIR FILTER</p> <p><b>Kawasaki</b> *</p>  <p>PART CODE   11013-0711</p>	<p>KAWASAKI AIR FILTER</p> <p><b>Kawasaki</b></p>  <p>PART CODE   11065-2072</p>	<p>AIR FILTER SUITS LOMBARDINI ENGINES</p> <p><b>LOMBARDINI</b></p>  <p>PART CODE   LA1443</p>	<p>LOMBARDINI 15LD350/S AIR FILTER</p> <p>* <b>LOMBARDINI</b></p>  <p>PART CODE   014-0004</p>
<p>MATWELD POWERPACK AIR FILTER (NON OEM)</p> <p><b>MATWELD</b></p>  <p>PART CODE   FILT14</p>	<p>MATWELD POWERPACK PRE AIR FILTER (NON OEM)</p> <p><b>MATWELD</b></p>  <p>PART CODE   FILT14A</p>	<p>MAXIM MASTER 35 AIR FILTER</p> <p><b>MAXIM</b></p>  <p>PART CODE   40030450</p>	<p>ROBEL 34.01 CLIPPING MACHINE AIR FILTER</p> <p>* <b>ROBEL</b></p>  <p>PART CODE   742 787 0100</p>
<p>ROBEL 62.06 AIR FILTER COMPLETE</p> <p>* <b>ROBEL</b></p>  <p>PART CODE   900 044 0442</p>	<p>ROBEL 62.06 VERTICAL TAMPER AIR FILTER</p> <p><b>ROBEL</b></p>  <p>PART CODE   900 044 0398</p>	<p>TIMBERWOLF 150VTR KUBOTA AIR FILTER</p> <p><b>TIMBERWOLF</b></p>  <p>PART CODE   TW0086</p>	<p>TIMBERWOLF AIR FILTER (NON OEM)</p> <p><b>TIMBERWOLF</b></p>  <p>PART CODE   FILT45</p>
<p>TIMBERWOLF AIR FILTER (NON OEM)</p> <p>* <b>TIMBERWOLF</b></p>  <p>PART CODE   FILT45A</p>	<p>WACKER NEUSON BH55 AIR FILTER</p> <p><b>WACKER NEUSON</b></p>  <p>PART CODE   95711</p>	<p>WACKER NEUSON BH55RW 32X160 AIR FILTER</p> <p><b>WACKER NEUSON</b></p>  <p>PART CODE   5000095711</p>	<p>WACKER NEUSON DPU 100-70 AIR FILTER</p> <p>* <b>WACKER NEUSON</b></p>  <p>PART CODE   500203562</p>



# AIR FILTERS

\*Images for illustrative purposes only

<p>YANMAR L100 AIR FILTER (NON OEM)</p>  <p>PART CODE    FILT48A</p>	<p>AIR FILTER</p>  <p>PART CODE    1123 120 1612</p>	<p>AIR FILTER</p>  <p>PART CODE    4128 141 0310</p>	<p>AIR FILTER</p>  <p>PART CODE    4148 141 0300</p>
<p>AIR FILTER</p>  <p>PART CODE    4223 141 0300</p>	<p>AIR FILTER</p>  <p>PART CODE    4148 140 4400</p>	<p>AIR FILTER</p>  <p>PART CODE    4241 140 4401</p>	<p>AIR FILTER</p>  <p>PART CODE    442165-6</p>
<p>AIR FILTER</p>  <p>PART CODE    1141 120 1604</p>	<p>AIR FILTER</p>  <p>PART CODE    5042.6000.1001</p>		

SPARES 114

# FUEL FILTERS

\*Images for illustrative purposes only

<p>ATLAST COPCO COBRA TT FUEL FILTER</p>   <p>PART CODE   9232 2306 00</p>	<p>SPIN ON FUEL FILTER FITS ATLAS COPCO</p>   <p>PART CODE   LF820</p>	<p>CEMBRE NR-11P2 FUEL FILTER (NON OEM)</p>   <p>PART CODE   FILT33</p>	<p>GREENMECH SAFETRAK 1928 MK2 FUEL FILTER</p>   <p>PART CODE   100080</p>
<p>HARRINGTON SKD26 FUEL FILTER</p>   <p>PART CODE   A1015-001</p>	<p>HUSQVARNA FUEL FILTER</p>   <p>PART CODE   503 44 32-01</p>	<p>HUSQVARNA FUEL FILTER (NON OEM)</p>   <p>PART CODE   FILT32</p>	<p>KAWASAKI FUEL FILTER</p>   <p>PART CODE   49019-2111</p>
<p>KAWASAKI FUEL FILTER</p>   <p>PART CODE   49019-2114</p>	<p>KUBOTA FUEL FILTER</p>   <p>PART CODE   1K011-43060</p>	<p>FUEL FILTER WITH BREATHER FOR LOMBARDINI (NON OEM)</p>   <p>PART CODE   FILT80</p>	<p>MAXIM MASTER 35 IMPACT WRENCH FUEL FILTER</p>   <p>PART CODE   4003.1075</p>
<p>PRAMAC FUEL FILTER</p>   <p>PART CODE   PEY000027</p>	<p>PRAMAC FUEL FILTER</p>   <p>PART CODE   PEY00003</p>	<p>STIHL FUEL FILTER (NON OEM)</p>   <p>PART CODE   FILT36</p>	<p>TIMBERWOLF 150VTR FUEL FILTER</p>   <p>PART CODE   TW0085</p>

115 SPARES

# FUEL FILTERS

\*Images for illustrative purposes only

TIMBERWOLF 190VTR TURBO PRE FUEL FILTER	TIMBERWOLF FUEL FILTER (NON OEM)	TIMBERWOLF IN-LINE FUEL FILTER (NON OEM)	TIMBERWOLF IN-LINE FUEL FILTER
			
PART CODE   WOLF15	PART CODE   FILT43	PART CODE   FILT44	PART CODE   TW4315
WACKER NEUSON BH55RW 32-160 FUEL FILTER	YANMAR SPIN ON FUEL FILTER	FUEL FILTER	IN TANK UNIVERSAL FUEL FILTER (NON OEM)
			
PART CODE   5000215363	PART CODE   119802-55810	PART CODE   LF87	PART CODE   FILT63
IN LINE FUEL FILTER (NON OEM)	IN LINE FUEL FILTER 6MM LOW PRESSURE	INLINE FUEL FILTER AT 90 DEGREES (NON OEM)	IN LINE FUEL FILTER FOR PETROL ENGINES (NON OEM)
			
PART CODE   FILT23	PART CODE   170-185	PART CODE   FILT09A	PART CODE   FILT64
IN LINE FUEL FILTER TO SUIT 6MM & 9MM PIPES	TCP ECOLITE HATZ FUEL FILTER	TOWER LIGHT VT1 FUEL FILTER	UNIVERSAL IN LINE DIESEL FUEL FILTER (NON OEM)
			
PART CODE   FILT09	PART CODE   14-0128	PART CODE   1522143170	PART CODE   FILT13

SPARES 116












## OIL FILTERS

BRIGGS & STRATTON OIL FILTER (NON OEM)	GREENMECH SAFETRAK 1928 MK2 OIL FILTER	KUBOTA V3800-T OIL FILTER	MATWELD POWERPACK OIL FILTER (NON OEM)
			
PART CODE   FILT58	PART CODE   100081	PART CODE   W21ES-01C00	PART CODE   FILT15
PRAMAC OIL FILTER	TIMBERWOLF 150VTR HYDRAULIC OIL FILTER	TIMBERWOLF 150VTR HYDRAULIC OIL FILTER	TIMBERWOLF 150VTR HYDRAULIC OIL FILTER
			
PART CODE   PEY00004	PART CODE   FL100	PART CODE   MH6182	PART CODE   P17-157
TIMBERWOLF KUBOTA OIL FILTER	WACKER NEUSON OIL FILTER	TL90 LIGHTING TOWER OIL FILTER	
			
PART CODE   TW0095	PART CODE   5100008846	PART CODE   W21ES01600	

## FUEL PIPES

FUEL PIPE BRAIDED 6MM ID X 10M		FUEL PIPE $\frac{3}{16}$ X $\frac{1}{16}$ X 30M		FUEL LINE 2MM ID X 4MM OD X 5M		FUEL LINE 2.5MM ID X 5MM OD X 5M	
							
PART CODE	300012	PART CODE	300013	PART CODE	300014	PART CODE	300015
FUEL LINE 3MM ID X 5.5MM OD X 5M							
							
PART CODE	300016						

## DRIVE BELTS

TRUMETER RAIL MEASURE DRIVE BELT		KUBOTA RTV900 WEDGE DRIVE BELT		HUSQVARNA DRIVE BELT		HUSQVARNA K650 DRIVE BELT (NON OEM)	
							
PART CODE	102167-01	PART CODE	17594-97010	PART CODE	506 07 05-07	PART CODE	BELT02
HUSQVARNA K750, K760 DRIVE BELT (NON OEM)		STIHL TS410 DRIVE BELT (NON OEM)		TIMBERWOLF DRIVE BELT (NON OEM)		GEISMAR MP12 DRIVE BELT (NON OEM)	
							
PART CODE	BELT03	PART CODE	BELT05	PART CODE	BELT06	PART CODE	UKG00923
GEISMAR MP12 TOOTHED DRIVE BELT (NON OEM)							
							
PART CODE	UKG00923A						

119 SPARES



## CHAINSAW CHAINS



Part Code	Description
21BPX064E	Oregon Chainsaw Chain, 15", 64 Links @ 0.325
21LPX064E	Oregon Chainsaw Chain, 15", 64 Links @ 0.325
22LPX067E	Oregon Chainsaw Chain, 16" Suits Ms261
22LPX62E	Oregon Chainsaw Chain, 15", Suits Ms261
95VPX064E	Oregon Chainsaw Chain, 15", @ 0.325
M75LPX066E	Oregon Chainsaw Chain, 3/8" X 1.6Mm, 66 Links



Part Code	Description
3616 000 0050	Stihl Chainsaw Chain, 14", 50 Links, 1.3Mm X 3/8" Pitch
3621 000 0056	Stihl Chainsaw Chain, 15", 56 Links, 1.6Mm
3621 000 0066	Stihl Chainsaw Chain, 16", Suits Ms362c
3621 003 0056	Stihl Chainsaw Chain, 15", Suits Ms361, Ms290, Ms291
3636 000 0055	Stihl Chainsaw Chain, 16", 55 Links, Suits Ms210, Ms230
3636 003 0050	Stihl Chainsaw Chain, 14", Suits Ms181
3639 003 0062	Stihl Chainsaw Chain, 15", Suits Ms260, Ms261
3639 003 0067	Stihl Chainsaw Chain, 16", Suits Ms260, Ms261
3652 003 0056	Stihl Chainsaw Chain, 15", Suits Ms290
3667 000 0067	Stihl Tungston Tipped Chainsaw Chain, 16", 67 Links
3670 000 0064	Stihl Chainsaw Chain, 12", Suits Ht101, Ms150t
3943 000 0060	Stihl Tungston Tipped Chainsaw Chain
4242 710 6001	Stihl Chainsaw Chain, 22", Suits Hs46



Part Code	Description
501 84 04-64	Husqvarna Chainsaw Chain, 15", 64 Links, Suits 550Xp
501 84 06-64	Husqvarna Chainsaw Chain, 15", Suits H30, 445
501 84 06-72	Husqvarna Chainsaw Chain, Suits H30
505 51 34-53	Husqvarna Chainsaw Chain, 15", 64 Links, Suits 353, 325
505 51 34-55	Husqvarna Chainsaw Chain, Suits 2165



Part Code	Description
958492656	Makita Chainsaw Chain, 16", 56 Links
MAK14CHAIN	Makita Chainsaw Chain, 16", 52 Links

## GUIDE BARS

**STIHL**®

Part Code	Description
3003 000 5306	Stihl Guide Bar 13" Suits MS261
3003 000 6811	Stihl Guide Bar 15" Suits MS261
3003 000 6813	Stihl Guide Bar 16" Suits MS261
3003 008 6817	Stihl Guide Bar 18" Suits MS261
3003 000 4809	Stihl Guide Bar 14" Rollomatic
3003 000 4813	Stihl Guide Bar 16" Suits 023

**Husqvarna**®

Part Code	Description
508 92 61-64	Husqvarna Guide Bar 15" Suits 350 & 445
585 94 33-64	Husqvarna Guide Bar 15" Suits 346XP
585 95 08-56	Husqvarna Guide Bar 15" Suits 365

## TECHNICAL - HEX SIZE CHART

Size	Tolerance		Size	Tolerance		Size	Tolerance	
	Min	Max		Min	Max		Min	Max
3mm	3.02	3.00	36mm	36.10	36.70	85mm	85.15	86.15
1/8"	3.19	3.08	1.7/16"	36.61	37.22	3.3/8"	85.87	86.87
4mm	4.02	3.25	7/8 BSW	37.69	38.29	3.7/16"	87.46	88.46
3/16"	4.78	4.12	38mm	38.10	38.70	3.1/2"	89.05	90.05
5mm	5.05	4.88	1.1/2"	38.20	38.80	90mm	90.15	91.15
6mm	6.03	5.12	1.9/16"	39.78	40.38	2.1/4 BSW	90.15	91.15
1/4"	6.38	6.15	40mm	40.10	40.70	3.9/16"	90.63	91.63
7mm	7.03	6.50	15/16 BSW	40.25	40.85	3.5/8"	92.22	93.22
5/16"	7.96	7.15	41mm	41.10	41.70	3.11/16"	93.81	94.81
8mm	8.03	8.11	1.5/8"	41.37	41.97	95mm	95.15	96.15
1/8 BSW	8.62	8.18	42mm	42.10	42.70	3.3/4"	95.40	96.40
9mm	9.03	8.77	1 BSW	42.52	43.12	3.7/8"	98.57	99.57
3/8"	9.55	9.18	1.11/16"	42.96	43.56	2.1/2 BSW	99.15	100.15
10mm	10.04	9.70	43mm	43.10	43.70	100mm	100.15	101.15
11mm	11.04	10.24	44mm	44.10	44.70	3.15/16"	100.16	101.16
7/16"	11.15	11.24	1.3/4"	44.55	45.15	4"	101.75	102.75
3/16 BSW	11.34	11.35	45mm	45.10	45.70	4.1/16"	103.33	104.33
12mm	12.04	11.54	46mm	46.10	46.70	4.1/8"	104.92	105.92
1/2"	12.74	12.30	1.13/16"	46.13	46.73	105mm	105.20	106.40
13mm	13.04	13.30	47mm	47.10	47.70	2.3/4 BSW	106.38	107.58
1/4 BSW	13.38	13.64	1.1/8 BSW	47.34	47.94	4.3/16"	106.56	107.76
14mm	14.05	14.35	1.7/8"	47.72	48.32	4.1/4"	108.15	109.35
9/16"	14.33	14.63	48mm	48.10	48.70	4.5/16"	109.73	110.93
15mm	15.05	15.35	49mm	49.10	49.70	110mm	110.20	111.40
5/16 BSW	15.29	15.59	1.15/16"	49.31	49.91	4.3/8"	111.32	112.52
5/8"	15.92	16.22	50mm	50.10	50.70	4.7/16"	112.91	114.11
16mm	16.05	16.35	2"	50.90	51.50	4.1/2"	114.50	115.70
17mm	17.05	17.40	51mm	51.10	51.70	115mm	115.20	116.40
11/16"	17.51	17.86	52mm	52.10	52.70	3 BSW	115.27	116.47
18mm	18.05	18.40	1.1/4 BSW	52.17	52.77	4.9/16"	116.08	117.28
3/8 BSW	18.08	18.43	2.1/16"	52.40	53.00	4.5/8"	117.67	118.87
19mm	19.06	19.46	2.1/8"	54.07	54.67	4.11/16"	119.26	120.46
3/4"	19.11	19.51	54mm	54.10	54.70	120mm	120.20	121.40
20mm	20.06	20.46	55mm	55.12	55.92	4.3/4"	120.85	122.05
13/16"	20.69	21.09	2.3/16"	55.68	56.48	4.13/16"	122.43	123.63
7/16 BSW	20.89	21.29	56mm	56.12	56.92	3.1/4 BSW	123.52	124.72
21mm	21.06	21.46	1.3/8 BSW	56.51	57.31	4.7/8"	124.02	125.22
22mm	22.05	22.46	57mm	57.12	57.90	125mm	152.20	126.40
7/8"	22.28	22.68	2.1/4"	57.27	58.07	4.15/16"	125.61	126.81
23mm	23.06	23.46	2.5/16"	58.85	59.65	5"	127.20	128.40
1/2 BSW	23.43	23.83	60mm	60.12	60.92	5.1/16"	128.78	129.98
15/16"	23.87	24.27	2.3/8"	60.44	61.24	130mm	130.20	131.40
24mm	24.06	24.46	1.1/2 BSW	61.33	62.13	5.1/8"	130.37	131.57
25mm	25.06	25.46	2.7/16"	62.03	62.83	3.1/2 BSW	131.78	132.98
1"	25.46	25.86	2.1/2"	63.62	64.42	5.3/16"	131.96	133.16
9/16 BSW	25.73	26.23	65mm	65.12	65.92	5.1/4"	133.55	134.75
26mm	26.02	26.58	2.9/16"	65.20	66.00	5.5/16"	135.13	136.33
1.1/16"	27.06	27.56	1.5/8 BSW	65.65	66.45	135mm	135.20	136.40
27mm	27.08	27.58	2.5/8"	66.79	67.59	5.3/8"	136.72	137.92
28mm	28.08	28.58	2.11/16"	68.38	69.18	5.7/16"	138.31	139.51
5/8 BSW	28.11	28.61	2.3/4"	69.97	70.77	5.1/2"	139.90	141.10
1.1/8"	28.65	29.15	70mm	70.12	70.92	140mm	140.20	141.10
29mm	29.08	29.58	1.3/4 BSW	70.22	71.02	3.3/4 BSW	141.30	142.50
30mm	30.08	30.58	2.13/16"	71.55	72.35	5.9/16"	141.48	142.68
1.3/16"	30.24	30.74	73mm	73.12	73.92	5.5/8"	143.07	144.27
11/16 BSW	30.56	31.06	2.7/8"	73.14	73.94	5.11/16"	144.66	145.86
31mm	31.08	31.58	2.15/16"	74.73	75.53	145mm	145.20	146.40
1.1/4"	31.83	32.33	75mm	75.15	76.15	5.3/4"	146.25	147.45
32mm	32.08	32.58	3"	76.35	77.35	5.13/16"	147.38	149.03
33mm	33.08	33.58	77mm	77.15	78.15	5.7/8"	149.42	150.62
3/4 BSW	33.10	33.60	3.1/8"	79.52	80.52	150mm	150.20	151.40
1.5/16"	33.41	33.91	80mm	80.15	81.15	5.15/16"	151.01	152.21
34mm	34.08	34.58	2 BSW	80.16	81.16	4 BSW	151.46	152.66
1.3/8"	35.00	35.50	3.3/16"	81.11	82.11	6"	152.60	153.80
35mm	35.08	35.58	3.1/4"	82.70	83.70			
13/16 BSW	35.39	35.89	3.5/16"	84.28	85.28			



## TECHNICAL

### BOLT SIZE CHART

Metric	Head Size	Imperial	Head Size
M5	8mm	1/8.	1/8 BSW
M6	10mm	3/16.	3/16 BSW
M7	11mm	1/4.	1/4 BSW
M8	13mm	5/16.	5/16 BSW
M10	17mm	3/8.	3/8 BSW
M12	19mm	7/16.	7/16 BSW
M16	25mm	1/2.	1/2 BSW
M18	28mm	9/16.	9/16 BSW
M20	30mm	5/8.	5/8 BSW
M22	33mm	11/16.	11/16 BSW
M24	36mm	3/4.	3/4 BSW
M27	41mm	13/16	13/16 BSW
M30	46mm	7/8.	7/8 BSW
M33	50mm	15/16	15/16 BSW
M36	55mm	1	1 BSW
M39	60mm	1.1/16.	1.1/16 BSW
M42	65mm	1.1/8	1.1/8 BSW
M45	70mm	1.1/4	1.1/4 BSW
M48	75mm	1.3/8	1.3/8 BSW
M52	80mm	1.1/2	1.1/2 BSW
M56	85mm	1.5/8	1.5/8 BSW
M60	90mm	1.3/4	1.3/4 BSW
M64	95mm	1.7/8	1.7/8 BSW
M68	100mm	2.1/8	2.1/8 BSW
M72	105mm	2.1/4	2.1/4 BSW
M76	110mm	2.1/2	2.1/2 BSW
M80	115mm	2.5/8	2.5/8 BSW
M85	120mm	2.3/4	2.3/4 BSW
		3	3 BSW
		3.1/4	3.1/4 BSW
		3.3/4	3.3/4 BSW
		3.1/2	3.1/2 BSW
		3.3/4	3.3/4 BSW
		3.7/8	3.7/8 BSW
		4	4 BSW
		4.1/4	4.1/4 BSW
		4.1/2	4.1/2 BSW
		4.3/4	4.3/4 BSW
		5	5 BSW
		5.1/4	5.1/4 BSW
		5.1/2	5.1/2 BSW
		5.5/8	5.5/8 BSW
		5.3/4	5.3/4 BSW
		6	6 BSW

### DUAL MARKINGS

Metric (mm)	Imperial (AF)	BSW - Whit
19	3/4.	
24	15/16	
27	1.1/16	
28		5/8.
30	1.3/16	
32	1.1/4	
33		3/4.
35	1.3/8	
38	1.1/2	
40		15/16
41	1.5/8	
43	1.11/16	
45		1.1/16
46	1.13/16	
47		1.1/8
51	2	
52		1.1/4
54	2.1/8	
60	2.3/8	
65	2.9/16	
70	2.3/4	1.3/4
76	3	
95	3.3/4	
105	4.1/8	

## TECHNICAL

### RINGS & PINS

Sq Drive	mm	Code	ID of Ring	Ring Dia	Pin Dia	Pin Length
1/2"	6 - 14mm	C20	20mm	4mm	3mm	19mm
1/2"	15 - 14mm	C25	25mm	4mm	3mm	24mm
3/4"	14 - 47mm	E35	35mm	5mm	4mm	34mm
1"	19 - 70mm	F44	44mm	7mm	5mm	44mm
1"	75 - 115mm	F75	75mm	7mm	5mm	74mm
1.1/2"	95 - 150mm	F84	84mm	10mm	6mm	83mm
1.1/2"	38 - 150mm	H110	110mm	10.5mm	8mm	109mm

Sq Drive	mm	Code	ID of Ring	Ring Dia	Pin Dia	Pin Length
1/2"	9/16 - 11/16	C20	20mm	4mm	3mm	19mm
1/2"	13/16 - 7/8	C25	27mm	4mm	3mm	26mm
3/4"	1 - 1.5/8	E32	32mm	4mm	3mm	31mm
3/4"	1.1/16 - 1.15/16	E35	35mm	5mm	4mm	34mm
1"	3/4 - 1.11/16	F44	43mm	7mm	5mm	42mm
1"	1.3/4 - 2.1/8	F48	48mm	7mm	5mm	47mm
1"	2.15/16 - 4	F75	75mm	7mm	5mm	74mm
1.1/2"	3.3/4 - 6	G84	84mm	10mm	6mm	83mm
2.1/2"	1.1/2 - 6	H110	110mm	10.5mm	8mm	109mm

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**SPECIALISED TOOLS AND EQUIPMENT LTD - T/A STEL : TERMS AND CONDITIONS FOR SALE OF GOODS****1. INTERPRETATION**

1.1 In these conditions:

**BUYER** means the person, firm or company entering into the Contract to purchase the Goods from the Seller;

**CONDITIONS** means the standard terms and conditions of sale set out in this document and (unless the context otherwise requires) includes any special terms and conditions agreed in Writing between the Buyer and the Seller;

**CONTRACT** means the contract for the purchase and sale of the Goods;

**DELIVERY DATE** means the date the Goods are to be collected by the Buyer or if they are to be delivered the time of actual delivery and if the Buyer wrongfully fails to take delivery of the Goods, the date that the Seller notifies the Buyer that the Goods are ready for collection or, as the case may be, the Seller tenders delivery of the Goods;

**GOODS** means the goods (including any installment of the Goods or any parts for them) which the Seller is to supply in accordance with these Conditions; SELLER means Specialised Tools And Equipment Ltd - T/A STEL; WRITING includes fax, electronic mail and comparable means of communication.

1.2 Any reference in these conditions to any provision of a statute shall be construed as a reference to that provision as amended, re-enacted or extended at the relevant time.

1.3 The headings in these Conditions are for convenience only and shall not affect their interpretation.

**2. BASIS OF THE CONTRACT**

2.1 Save where the Buyer shall place an order with the Seller verbally (in which case it is the Buyer's responsibility to ensure the accuracy of the order), the Seller shall sell and the Buyer shall purchase the Goods in accordance with any written quotation of the Seller which is accepted by the Buyer or any written order of the Buyer and which is accepted by the Seller, subject in either case to these Conditions, which shall govern the Contract to the exclusion of any other terms and conditions subject to which any quotation is accepted or purported to be accepted, or any such order is made or purported to be made by the Buyer.

2.2 The Seller's employees or agents are not authorised to make any representations concerning the Goods unless confirmed by the Seller in Writing. In entering into the Contract the Buyer acknowledges that it does not rely on, and waives any claim for breach of any such representations which are not so confirmed.

2.3 Any advice or recommendation(s) given by the Seller or its employees or agents to the Buyer or its employees or agents as to the storage installation application or use of the Goods which is not confirmed in Writing by the Seller is followed or acted upon entirely at the Buyer's own risk, and accordingly the Seller shall not be liable for any such advice or recommendation which is not so confirmed.

2.4 Any typographical, clerical or other error or omission in any catalogue or other sales literature, quotation, price list, acceptance of order, invoice or other document or information issued by the Seller shall be subject to correction without any liability on the part of the Seller.

2.5 Where any manufacturers names or numbers are mentioned they are for reference purposes only and do not necessarily indicate the source of manufacture nor any connection with the manufacturer.

**3. ORDERS**

3.1 No order submitted by the Buyer shall be accepted or deemed to be accepted by the Seller unless and until confirmed in Writing by the Seller's authorised representative (and the issuing of an invoice by the Seller to the Buyer shall constitute acceptance in Writing).

3.2 The Buyer shall be responsible to the Seller for ensuring the accuracy of the terms of any order and for giving the Seller any necessary information relating to the Contract within a sufficient time to enable the Seller to perform the Contract.

3.3 If the Goods are to be manufactured or any process is to be applied to the Goods, the Seller reserves the right to subcontract any of the manufacturing or other processes to a third party and shall not be liable for any increase in the costs of labour materials or other costs of manufacture, any change of delivery dates quantities or specifications caused by such subcontracting.

3.4 No Contract may be cancelled by the Buyer except with the agreement in Writing of the Seller and on terms that the Buyer shall indemnify the Seller in full against all loss (including loss of profit), costs, damages, charges and expenses.

3.5 The Seller reserves the right to undertake credit references and may suspend performance of the Contract or any other contract with the Buyer if such references are unsatisfactory.

3.6 Each order submitted by the Buyer shall constitute an order capable of acceptance by the Seller. If the Seller agrees that any such order shall constitute an order in circumstances where it is reasonable for the Seller to act in reliance upon such order, such order becomes an order accepted by the Seller and the Buyer shall indemnify and keep the Seller indemnified against all costs, damages, charges and expenses arising from such reliance by the Seller if such order does not become an order capable of acceptance by the Seller.

**4. PRICE**

4.1 The price shall be the Seller's quoted price in Writing, or where no price has been quoted or a quoted price is no longer valid, the price set out on the price list of the Seller prevailing at the date on which the Goods are dispatched. All prices quoted are valid for 30 days or until earlier acceptance by the Buyer, after which time they may be altered by the Seller without giving notice.

4.2 The Seller reserves the right to increase the price to reflect any increase in the cost to the Seller which is due to any factor beyond the Seller's control, any change in delivery or performance dates, quantities or specifications which is requested by the Buyer, or any delay caused by any instructions of the Buyer or failure of the Buyer to give the Seller adequate information or instructions.

4.3 The Seller reserves the right to impose a handling charge of 15% of the net price of the Goods where the Buyer returns the Goods and such return is not due to any fault on the part of the Seller.

4.4 The price is exclusive of any applicable value added tax, which the Buyer shall be additionally liable to pay to the Seller.

4.5 Where Goods are to be delivered otherwise than at the Seller's premises the price is inclusive of all transport, packaging and insurance provided that the order has the following net value;

UK Mainland £200.00

N. Ireland £300.00

Channel Islands £300.00

If the net value of the order is lower than that stated above or the Buyer requires delivery to Southern Ireland or outside of the UK and Channel Islands then the price of the Goods is stated to be exclusive of all transport, packaging and insurance costs and the Buyer shall be liable for the costs of the same.

**5. TERMS OF PAYMENT**

5.1 The Seller shall be entitled to invoice the Buyer for the price including without limitation the VAT, transport, packaging and insurance costs referred to in clauses 4.4 and 4.5 on or at any time after the Delivery Date.

5.2 The Buyer shall pay the price without any deduction or set-off on or before the last day of the month following the Delivery Date and the Seller shall be entitled to recover the price notwithstanding that delivery may not have taken place and the property in the Goods has not passed to the Buyer. The time of payment of the price shall be of the essence of the Contract.

5.3 If the Buyer fails to make any payment on the due date then, without prejudice to any other right or remedy the Seller shall be entitled to:

5.3.1 Suspend all or any further orders to the Buyer made under that or any other contract with the Buyer and in such event the Buyer shall not be released from its obligations to the Seller under that or any other contract or cancel the Contract or any other contract with the Buyer and to claim damages from the Buyer for breach of contract;

5.3.2 Appropriate any payment made by the Buyer to such part of the Contract or the Goods (or the goods supplied under any other contract between the Buyer and the Seller) as the Seller may think fit (notwithstanding any purported appropriation by the Buyer); and

5.3.3 Charge the Buyer interest (both before and after any judgment) on the amount unpaid, at the rate of 4 per cent per annum above Barclays Bank base rate from time to time accruing daily, until payment in full is made; and

5.3.4 Failure to pay on time any part of the debt on or before the due date will render the entire debt as being due immediately from the buyer.

5.4 The Seller may without notice set off any sums from time to time owed to the Buyer in or towards the satisfaction of all and any liabilities of the Buyer to the Seller whether or not under this Contract.

5.5 The Seller shall have a general lien over all goods and property of the Buyer (whether worked on or not) in the possession of the Seller for all unpaid debts due from the Buyer and the Seller reserves the right upon the expiration of fourteen days written notice to dispose of such goods or property and to apply the proceeds of sale (net of costs of sale) towards the payment of such debts.

5.6 Any costs (excluding interest which is covered in section 5.3.3) incurred by the Seller as a result of bounced cheques, or failure to pay on or before the due date will be recoverable from the Buyer.

**6. DELIVERY**

6.1 Unless otherwise agreed in Writing by the Seller, the Goods shall be delivered on the following basis;

UK Mainland To the Buyer's place of business N. Ireland To the Buyer's place of business

Channel Islands To the Buyer's place of business S. Ireland Ex-works  
Export Ex-works

6.2 Where the Goods are delivered to the Buyer's premises the Buyer shall be responsible for unloading the Goods and where the Seller or its employees or agents carry out or assist the Buyer, its employees or agents in such unloading the Buyer shall indemnify and keep indemnified the Seller against all liabilities including without limitation all loss, costs, charges and expenses arising from such unloading.

6.3 Where the Goods are delivered on an ex-works basis the Buyer will take delivery of the Goods within 4 days of the Seller giving it notice that the Goods are ready for delivery.

6.4 Where the Goods are to be delivered to N. Ireland or the Channel Islands, or the Seller has otherwise agreed to deliver the Goods outside the UK Mainland all Goods shall be delivered FOB the air or sea port of shipment and the Seller shall be under no obligation to give notice under s32(3) of the Sale of Goods Act 1979. The Buyer shall be responsible for complying with any legislation or regulations governing the importation of the Goods into the country of destination and for the payment of any duties thereon.

6.5 Any dates quoted for delivery of the Goods are approximate only and the Seller shall not be liable for any delay howsoever caused. Time for delivery shall not be of the essence. If no dates are specified, delivery will be within a reasonable time.

6.6 Where the Goods are to be delivered in installments, each delivery or performance shall constitute a separate contract and failure by the Seller to deliver or perform any one or more of the installments in accordance with these Conditions or any claim by the Buyer in respect of any one or more installments shall not entitle the Buyer to treat the Contract as a whole as repudiated.

6.7 Where the Goods are to be delivered on an ex-works basis the Buyer will provide at its own expense adequate and appropriate equipment and manual labour for loading the Goods.

6.8 Where the Goods to be supplied are ex-stock, the Seller reserves the right to delay delivery of ex-stock items until supplies of such goods are received by the Seller, whereupon the Seller shall deliver such items.

6.9 If the Goods (or any installment are not available on the Delivery Date) for any reason other than any cause beyond the Seller's reasonable control or the Buyer's fault, the Seller shall be liable to the Buyer and the Seller's liability shall be limited to the excess, if any, of the reasonable cost to the Buyer (in the cheapest available market) of similar goods to replace those not delivered over the price of the Goods.

6.10 If the Buyer fails to take delivery of the Goods or fails to give the Seller adequate delivery instructions at the time stated for delivery (otherwise than by reason of any cause beyond the Buyer's reasonable control or by reason of the Seller's fault) then, without prejudice to any other right or remedy available, the Seller may :-

6.10.1 Store the Goods until actual delivery and charge the Buyer for the reasonable cost of storage, including insurance;

6.10.2 After the expiration of 3 months from the Delivery Date dispose of the Goods in such manner as the Seller may determine; and

6.10.3 Suspend any further performance of the services under the Contract or any other contract.

6.11 Shall the Buyer require delivery of Goods at the weekend, the Buyer shall be responsible for and agrees to indemnify and keep indemnified the Seller against any additional delivery costs and expenses resulting from the delivery being at the weekend.

## 7. RISK AND PROPERTY

7.1 Save where clause 6.4 applies risk of damage to or loss of the Goods shall pass to the Buyer on the Delivery Date.

7.2 Not with standing the passing of the risk in the Goods or any other provision of these Conditions the property in the Goods shall not pass to the Buyer until the Seller has received in cash or cleared funds payment in full of the price of the Goods and all other goods sold or agreed to be sold by the Seller to the Buyer under any other contract.

7.3 Until such time as the property in the Goods passes to the Buyer, the Buyer shall hold the Goods as the Seller's agent or bailee, and shall keep the Goods separate from those of the Buyer and third parties and properly stored, protected and insured and identified as the Seller's property. Until such time as the property in the Goods passes to the Buyer, the Buyer shall be entitled to resell or use the Goods in the ordinary course of its business, but shall have a fiduciary duty to the Seller to account for the proceeds of sale or otherwise of the Goods.

7.4 Until such time as the property in the Goods passes to the Buyer, the Seller shall be entitled at any time to require the Buyer to deliver up the Goods to the Seller and, if the Buyer fails to do so forthwith, to enter upon any premises of the Buyer or any third party where the Goods are stored and repossess the Goods and for that purpose the Buyer hereby authorises and licences the Seller, its officers, employees and agents to enter upon any land or building upon which the Goods are situated to recover those Goods.

7.5 The Buyer shall not be entitled to or in any way charge by way of security for any indebtedness, any of the Goods which remain the property of the Seller, but if the Buyer does so all moneys owing by the Buyer to the Seller shall without prejudice to any other right or remedy of the Seller forthwith become due and payable.

## 8. WARRANTIES AND LIABILITIES

**THE BUYER'S ATTENTION IS IN PARTICULAR DRAWN TO THE PROVISIONS OF THIS CLAUSE.**

8.1 Subject as expressly provided in these Conditions, all warranties, conditions or other terms implied by statute or common law are excluded to the fullest extent permitted by law.

8.2 Any claim by the Buyer which is based on any defect in the quality, condition or under-delivery of the Goods by more than 5%, whether or not delivery is refused by the Buyer shall be notified to the Seller within 3 days from the Delivery Date or, where the defect or failure was not apparent on reasonable inspection, within a reasonable time after discovery of the defect or failure and in any event within 7 days of discovery. If delivery is not refused, and the Buyer does not so notify the Seller, the Seller shall have no liability for such defect or failure, and the Buyer shall be bound to pay the price as if the Contract had been performed in accordance with its terms.

8.3 Where a valid claim is notified to the Seller in accordance with clause 8.3 and Goods are to be returned to the Seller they must be accompanied by a despatch note quoting the original invoice number within 2 months of the Delivery Date. Goods that are soiled or damaged will not be accepted and acceptance of return by a sales representative does not constitute acceptance by the Seller.

8.4 Where any valid claim in respect of any of the Goods, which is based on any defect in the quality or condition is notified to the Seller and Goods are returned in accordance with these Conditions, the Seller shall be entitled to replace the Goods (or the part in question) free of charge or, at the Seller's sole discretion, refund to the Buyer the price (or a proportionate part of the price) but the Seller shall have no further liability to the Buyer.

8.5 The Seller shall not be liable to the Buyer by reason of any representation, or any implied warranty, condition or other term, or any duty at common law, or under the express terms of the Contract, for any consequential loss or damage (whether for loss of profit, product recall or otherwise), costs, expenses or other claims for compensation whatsoever (whether caused by the negligence of the Seller, its employees or agents or otherwise) which arise out of or in connection with the supply of the Goods and the entire liability of the Seller under or in connection with the Contract shall not exceed the price under the Contract, except as expressly provided in these Conditions.

8.6 The Seller shall not be liable to the Buyer or be deemed to be in breach of the Contract by reason of any delay in performing, any of the Seller's obligations if the delay or failure was due to any cause beyond the Seller's reasonable control.

8.7 Nothing in these Conditions shall exclude or limit the Seller's liability for death or personal injury caused by the Seller's negligence.

## 9. INSOLVENCY OF BUYER

9.1 This clause applies if:

9.1.1 The Buyer makes any voluntary arrangement with its creditors or becomes subject to an administration order (or being an individual or firm) becomes bankrupt or (being a company) goes into liquidation, otherwise than for the purpose of amalgamation or reconstruction; or

9.1.2 An encumbrancer takes possession, or a receiver is appointed, of the Buyer's undertaking or any of its property or assets; or

9.1.3 The Buyer ceases, or threatens to cease, to carry on business; or

9.1.4 The Seller reasonably apprehends that any of the events mentioned above are about to occur in relation to the Buyer and notifies the Buyer accordingly.

9.2 If this clause applies then, without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to cancel the Contract and/or any further deliveries under the Contract without any liability to the Buyer, and if the Goods have been delivered, but not paid for, the price shall become immediately due and payable.

## 10. GENERAL

10.1 Neither the Buyer nor the Seller shall be entitled to assign the whole or any part of the Contract without the prior written consent of the other provided that the Seller shall be entitled to subcontract the whole or any part of its obligations.

10.2 No waiver by the Seller of any breach of the Contract by the Buyer shall be considered as a waiver of any subsequent breach of the same or any other provision.

10.3 If any provision of these Conditions is held by any competent authority to be invalid or unenforceable in whole or in part the validity of the other provisions of these Conditions and the remainder of the provision in question shall not be affected thereby unless such provision goes to the root of the Contract.

10.4 The Conditions shall constitute the entire agreement in relation to the subject matter and no modification or waiver thereof shall be valid unless made in Writing expressly for the purpose and signed by an authorised officer of the Seller and of the Buyer provided that nothing in these Conditions shall exclude or limit liability for fraud.

10.5 Unless expressly provided in these Conditions, no term of the Contract is enforceable pursuant to the Contracts (Rights of Third Parties) Act 1999 by any person who is not a party to it.

10.6 Unless expressly stated in these conditions time shall not be of the essence in this Contract.

10.7 The Contract shall be governed by the laws of England and the Buyer agrees to submit to the exclusive jurisdiction of the English Courts.

# NOTES



# NOTES

JANITORIAL

SAFETY EQUIPMENT

TAPE

FUEL MANAGEMENT

BATTERIES

CABLE TIES

MAINTENANCE

LIGHTING & POWER

SHOVELS & CROWBARS

HAND TOOLS

ABRASIVES

PLANT COMPONENTS

SERVICE & REPAIR

SPARES

**SERIOUS  
ABOUT  
SERVICE**