



# MOTORSPORT PARTS

## CATALOGUE 2019



WORLDWIDE SUPPLIERS OF  
MOTOR RACING COMPONENTS

Raceparts is dedicated to the manufacturing and supplying of proven high quality products to all forms of motorsport and performance automotive industries world wide.

Raceparts is the original one-stop warehouse for all motorsport spares and equipment.

Raceparts has been supplying parts worldwide for over 45 years from our Wallingford base in the heart of the motorsport valley (see map on back cover). Raceparts prides itself on its friendly, efficient and helpful service.

Our Racetech range of products is designed and developed by an associate company (Racetech Design Ltd). These products are supplied as original equipment to almost all racing car constructors.

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# Bearings & Rod Ends

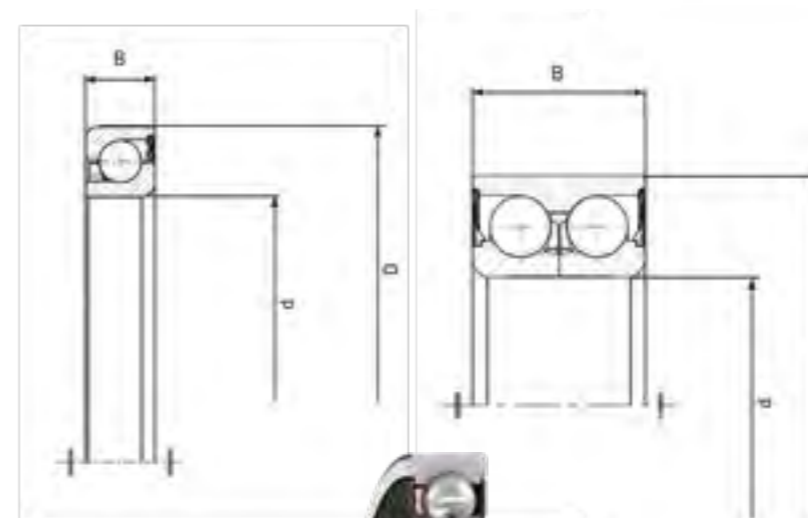


## WHEEL BEARINGS

Raceparts are the official distributor for SKF racing bearings. With nearly a century of involvement in various types of motor sports, SKF has applied the power of knowledge engineering to the challenge of reducing friction in moving components.

SKF DESIGNATION * SEALED BEARING	d (MM)	D (MM)	B (MM)	C (N)	C <sub>0</sub> (N)	SINGLE OR DOUBLE ROW
BAH-0144*	49	88	46	65000	62000	D
633007C*	50	90	34	60500	47500	D
BAH-0197*	50	90	34	60500	47500	D
S7011 ACDGA/P4AVP304*	55	90	18	37100	31000	S
S71912 ACDGA/P4AVP3042*	60	85	13	18600	14600	S
71913 ACDGA/P4A	65	90	13	19500	16000	S
71914 ACDGA/P4A	70	100	16	32500	32500	S
71915 ACDGA/P4A	75	105	16	33800	35500	S
S71917 ACDGA/P4AVP304*	85	120	18	43600	45500	S
S71918 ACDGA/P4AVP3042*	90	125	18	44200	48000	S
BAH-0183*	90	115	13	22100	26500	S
S71919 ACDGA/P4AVP304*	95	130	18	46200	52000	S
BAH-0163A*	100	127	13	28100	34500	S
BAH-0231A*	100	130	14	36400	43000	S
BAH-0240A*	100	130	18	36400	43000	S
BAH-0180	105	130	13	24200	31500	S
BAH-0192	101.6	134.938	15.875	41000	48000	S
BAR-5049C*	CORVETTE C5/C6 HUB			56000	61500	D
BAR-0289/BAR-0289A*	SINGLE NUT HUB UNIT			54000	51000	D

BEARINGS CAN BE SUPPLIED WITH CERAMIC BALLS ON REQUEST



The bearings listed above are part of SKF Racing Division's range of specialist racing bearings. Raceparts can also supply the products from SKF's standard range of bearings (some of which are already used for motorsport applications).

If you are unsure of the part number you require then Raceparts can still help, we will need only the dimensions and seal information to be able to provide you with a quotation.

### OUR SUPPLIERS



### BEARINGS & ROD ENDS

SKF WHEEL BEARINGS	05
NMB MINEBEA ROD ENDS	06
NMB MINEBEA SPHERICAL BEARINGS	07
FK IMPERIAL ROD ENDS	08
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 FOR LOCK NUTS SEE PAGE 96





**NMB MINEBEA ROD ENDS & SPHERICAL BEARINGS**

Raceparts is an official distributor of NMB Minebea rod ends and spherical bearings. NMB's are manufactured to aircraft and military specification and have been used by race car manufacturers for over 30 years. If you would like more information or to enquire about any of the other products in the NMB Minebea range then please call or email us for advice.

**IMPERIAL MALE ROD ENDS**

**PRECISION STAINLESS STEEL THREE PIECE TEFLON LINER ROD ENDS**

PART NO:	THREAD HAND	BALL CENTRE TO END OF THREAD	BORE DIA	THREAD LENGTH	HEAD DIA	THREAD SIZE	BODY WIDTH	ANGULARITY	BALL WIDTH	WEIGHT (LBS)	ULT STATIC RADIAL LOAD
ART4E(R)	RIGHT	1.562"	1/4"	0.968"	0.806"	5/16 UNF	0.337"	15 DEG	0.437"	0.072	4,860LBS
ARTL4E(R)	LEFT	1.562"	1/4"	0.968"	0.806"	5/16 UNF	0.337"	15 DEG	0.437"	0.072	4,860LBS
ART5E(R)	RIGHT	1.875"	5/16"	1.1875"	0.900"	5/16 UNF	0.327"	14 DEG	0.437"	0.087	7,180LBS
ARTL5E(R)	LEFT	1.875"	5/16"	1.1875"	0.900"	5/16 UNF	0.327"	14 DEG	0.437"	0.087	7,180LBS
ART6E(R)	RIGHT	1.938"	3/8"	1.187"	1.025"	3/8 UNF	0.416"	8 DEG	0.500"	0.136	8,550LBS
ARTL6E(R)	LEFT	1.938"	3/8"	1.187"	1.025"	3/8 UNF	0.416"	8 DEG	0.500"	0.136	8,550LBS
ART7E(R)	RIGHT	2.125"	7/16"	1.281"	1.150"	7/16 UNF	0.452"	10 DEG	0.562"	0.183	12,000LBS
ARTL7E(R)	LEFT	2.125"	7/16"	1.281"	1.150"	7/16 UNF	0.452"	10 DEG	0.562"	0.183	12,000LBS
ART8E(R)	RIGHT	2.438"	1/2"	1.468"	1.337"	1/2 UNF	0.515"	9 DEG	0.625"	0.278	19,500LBS
ARTL8E(R)	LEFT	2.438"	1/2"	1.468"	1.337"	1/2 UNF	0.515"	9 DEG	0.625"	0.278	19,500LBS
ART10E(R)	RIGHT	2.625"	5/8"	1.562"	1.525"	5/8 UNF	0.577"	12 DEG	0.750"	0.424	21,900LBS
ARTL10E(R)	LEFT	2.625"	5/8"	1.562"	1.525"	5/8 UNF	0.577"	12 DEG	0.750"	0.424	21,900LBS
ART12E(R)	RIGHT	2.875"	3/4"	1.687"	1.775"	3/4 UNF	0.640"	13 DEG	0.875"	0.639	29,300LBS
ARTL12E(R)	LEFT	2.875"	3/4"	1.687"	1.775"	3/4 UNF	0.640"	13 DEG	0.875"	0.639	29,300LBS

**PRECISION HIGH STRENGTH STAINLESS STEEL THREE PIECE TEFLON LINER ROD ENDS**

PART NO:	THREAD HAND	BALL CENTRE TO END OF THREAD	BORE DIA	THREAD LENGTH	HEAD DIA	THREAD SIZE	BODY WIDTH	ANGULARITY	BALL WIDTH	WEIGHT (LBS)	ULT STATIC RADIAL LOAD
ARHT4E(R)	RIGHT	1.562"	1/4"	0.968"	0.806"	5/16 UNF	0.337"	5 DEG	0.375"	0.067	7,550LBS
ARHTL4E(R)	LEFT	1.562"	1/4"	0.968"	0.806"	5/16 UNF	0.337"	5 DEG	0.375"	0.067	7,550LBS
ARHT5E(R)	RIGHT	1.875"	5/16"	1.1875"	0.900"	3/8 UNF	0.337"	14 DEG	0.437"	0.095	9,200LBS
ARHTL5E(R)	LEFT	1.875"	5/16"	1.1875"	0.900"	3/8 UNF	0.337"	14 DEG	0.437"	0.095	9,200LBS
ARHT6E(R)	RIGHT	1.938"	3/8"	1.187"	1.025"	7/16 UNF	0.416"	9 DEG	0.500"	0.140	10,900LBS
ARHTL6E(R)	LEFT	1.938"	3/8"	1.187"	1.025"	7/16 UNF	0.416"	9 DEG	0.500"	0.140	10,900LBS
ARHT6E2001	RIGHT	1.938"	3/8"	1.187"	1.025"	1/2 UNF	0.416"	9 DEG	0.500"	0.151	14,050LBS
ARHTL6E2001	LEFT	1.938"	3/8"	1.187"	1.025"	1/2 UNF	0.416"	9 DEG	0.500"	0.151	14,050LBS
ARHT7E(R)	RIGHT	2.125"	7/16"	1.281"	1.150"	1/2 UNF	0.452"	10 DEG	0.562"	0.210	14,050LBS
ARHTL7E(R)	LEFT	2.125"	7/16"	1.281"	1.150"	1/2 UNF	0.452"	10 DEG	0.562"	0.210	14,050LBS
ARHT8E(R)	RIGHT	2.438"	1/2"	1.468"	1.337"	5/8 UNF	0.515"	9 DEG	0.625"	0.330	23,400LBS
ARHTL8E(R)	LEFT	2.438"	1/2"	1.468"	1.337"	5/8 UNF	0.515"	9 DEG	0.625"	0.330	23,400LBS
ARHT10E(R)	RIGHT	2.625"	5/8"	1.562"	1.525"	3/4 UNF	0.577"	12 DEG	0.750"	0.480	26,050LBS
ARHTL10E(R)	LEFT	2.625"	5/8"	1.562"	1.525"	3/4 UNF	0.577"	12 DEG	0.750"	0.480	26,050LBS
ARHT12E(R)	RIGHT	2.875"	3/4"	1.687"	1.775"	7/8 UNF	0.640"	13 DEG	0.875"	0.730	34,500LBS
ARHTL12E(R)	LEFT	2.875"	3/4"	1.687"	1.775"	7/8 UNF	0.640"	13 DEG	0.875"	0.730	34,500LBS

**PRECISION HIGH ANGULARITY STAINLESS STEEL THREE PIECE TEFLON LINER ROD ENDS**

PART NO:	THREAD HAND	BALL CENTRE TO END OF THREAD	BORE DIA	THREAD LENGTH	HEAD DIA	THREAD SIZE	BODY WIDTH	ANGULARITY	BALL WIDTH	WEIGHT (LBS)	ULT STATIC RADIAL LOAD
ARYT4E(R)	RIGHT	1.938"	1/4"	1.250"	1.000"	3/8 UNF	0.265"	23 DEG	0.593"	0.110	9,340LBS
ARYTL4E(R)	LEFT	1.938"	1/4"	1.250"	1.000"	3/8 UNF	0.265"	23 DEG	0.593"	0.110	9,340LBS
ARYT5E(R)	RIGHT	2.125"	5/16"	1.375"	1.125"	7/16 UNF	0.355"	23 DEG	0.813"	0.160	10,065LBS
ARYTL5E(R)	LEFT	2.125"	5/16"	1.375"	1.125"	7/16 UNF	0.355"	23 DEG	0.813"	0.160	10,065LBS
ARYT6E(R)	RIGHT	2.125"	3/8"	1.375"	1.125"	7/16 UNF	0.355"	23 DEG	0.813"	0.150	10,065LBS
ARYTL6E(R)	LEFT	2.125"	3/8"	1.375"	1.125"	7/16 UNF	0.355"	23 DEG	0.813"	0.150	10,065LBS
ARYT7E(R)	RIGHT	2.438"	7/16"	1.500"	1.312"	1/2 UNF	0.355"	21 DEG	0.875"	0.250	14,997LBS
ARYTL7E(R)	LEFT	2.438"	7/16"	1.500"	1.312"	1/2 UNF	0.355"	21 DEG	0.875"	0.250	14,997LBS
ARYT8E(R)	RIGHT	2.625"	1/2"	1.625"	1.500"	5/8 UNF	0.411"	20 DEG	0.937"	0.390	16,995LBS
ARYTL8E(R)	LEFT	2.625"	1/2"	1.625"	1.500"	5/8 UNF	0.411"	20 DEG	0.937"	0.390	16,995LBS
ARYT10E(R)	RIGHT	2.875"	5/8"	1.750"	1.750"	3/4 UNF	0.577"	20 DEG	1.200"	0.620	24,352LBS
ARYTL10E(R)	LEFT	2.875"	5/8"	1.750"	1.750"	3/4 UNF	0.577"	20 DEG	1.200"	0.620	24,352LBS

**METRIC MALE ROD ENDS**

**PRECISION ZINC PLATED STEEL ALLOY BODY, STAINLESS BALL & RACE THREE PIECE TEFLON LINER ROD ENDS**

PART NO:	THREAD HAND	A	B	C	D	N	W	Q	T	WEIGHT (GRAMS)	ULT STATIC RADIAL LOAD
HRT6E	RIGHT	39.5MM	6MM	22MM	20.5MM	M6 X 1.0	11MM	15 DEG	8.75MM	35	18,140 N
HRTL6E	LEFT	39.5MM	6MM	22MM	20.5MM	M6 X 1.0	11MM	15 DEG	8.75MM	35	18,140 N
HRT8E	RIGHT	46.0MM	8MM	29MM	23.0MM	M8 X 1.25	11MM	14 DEG	8.25MM	40	33,440 N
HRTL8E	LEFT	46.0MM	8MM	29MM	23.0MM	M8 X 1.25	11MM	14 DEG	8.25MM	40	33,440 N
HRT10E	RIGHT	47.0MM	10MM	29MM	26.0MM	M10 X 1.5	12.5MM	8 DEG	10.75MM	65	47,070 N
HRTL10E	LEFT	47.0MM	10MM	29MM	26.0MM	M10 X 1.5	12.5MM	8 DEG	10.75MM	65	47,070 N



**IMPERIAL SPHERICAL BEARINGS**

**PRECISION STAINLESS STEEL TEFLON LINED NARROW SPHERICAL BEARINGS**

PART NO:	RETENTION	BORE DIA	OUTSIDE DIA	RACE WIDTH	SHOULDER DIA	ANGULARITY	BALL WIDTH	WEIGHT (LBS)	ULT STATIC RADIAL LOAD
ABT4(R)	CIRCLIP	1/4"	0.6562"	0.250"	0.364"	10 DEG	0.343"	0.020	6,040LBS
ABT4V(R)	STAKED	1/4"	0.6562"	0.250"	0.364"	10 DEG	0.343"	0.020	6,040LBS
ABT5(R)	CIRCLIP	5/16"	0.7500"	0.281"	0.419"	10 DEG	0.375"	0.030	8,750LBS
ABT5V(R)	STAKED	5/16"	0.7500"	0.281"	0.419"	10 DEG	0.375"	0.030	8,750LBS
ABT6(R)	CIRCLIP	3/8"	0.8125"	0.312"	0.515"	9 DEG	0.406"	0.040	10,540LBS
ABT6V(R)	STAKED	3/8"	0.8125"	0.312"	0.515"	9 DEG	0.406"	0.040	10,540LBS
ABT7(R)	CIRCLIP	7/16"	0.9062"	0.343"	0.570"	8 DEG	0.437"	0.050	13,200LBS
ABT7V(R)	STAKED	7/16"	0.9062"	0.343"	0.570"	8 DEG	0.437"	0.050	13,200LBS
ABT8(R)	CIRCLIP	1/2"	1.0000"	0.390"	0.641"	8 DEG	0.500"	0.070	17,900LBS
ABT8V(R)	STAKED	1/2"	1.0000"	0.390"	0.641"	8 DEG	0.500"	0.070	17,900LBS
ABT82003(R)	CIRCLIP	1/2"	0.8750"	0.375"	0.575"	8 DEG	0.435"	0.041	15,844LBS
ABT9(R)	CIRCLIP	9/16"	1.0937"	0.437"	0.711"	8 DEG	0.562"	0.090	23,200LBS
ABT9V(R)	STAKED	9/16"	1.0937"	0.437"	0.711"	8 DEG	0.562"	0.090	23,200LBS
ABT10(R)	CIRCLIP	5/8"	1.1875"	0.500"	0.739"	8 DEG	0.625"	0.120	30,500LBS
ABT10V(R)	STAKED	5/8"	1.1875"	0.500"	0.739"	8 DEG	0.625"	0.120	30,500LBS
ABT12(R)	CIRCLIP	3/4"	1.4375"	0.593"	0.920"	8 DEG	0.750"	0.210	46,400LBS
ABT14(R)	CIRCLIP	7/8"	1.5625"	0.703"	0.978"	8 DEG	0.875"	0.270	62,200LBS
ABT16(R)	CIRCLIP	1"	1.7500"	0.797"	1.118"	9 DEG	1.000"	0.390	82,200LBS



**PRECISION STAINLESS STEEL TEFLON LINED WIDE SPHERICAL BEARINGS**

PART NO:	RETENTION	BORE DIA	OUTSIDE DIA	RACE WIDTH	SHOULDER DIA	ANGULARITY	BALL WIDTH	WEIGHT (LBS)	ULT STATIC RADIAL LOAD
ABWT4(R)	CIRCLIP	1/4"	0.6250"	0.327"	0.301"	15 DEG	0.437"	0.031	9,000LBS
ABWT4V(R)	STAKED	1/4"	0.6250"	0.327"	0.301"	15 DEG	0.437"	0.031	9,000LBS
ABWT5(R)	CIRCLIP	5/16"	0.6875"	0.317"	0.401"	14 DEG	0.437"	0.035	9,400LBS
ABWT5V(R)	STAKED	5/16"	0.6875"	0.317"	0.401"	14 DEG	0.437"	0.035	9,400LBS
ABWT6(R)	CIRCLIP	3/8"	0.8125"	0.406"	0.471"	8 DEG	0.500"	0.060	13,700LBS
ABWT6V(R)	STAKED	3/8"	0.8125"	0.406"	0.471"	8 DEG	0.500"	0.060	13,700LBS
ABWT7(R)	CIRCLIP	7/16"	0.9375"	0.442"	0.542"	10 DEG	0.562"	0.080	20,700LBS
ABWT7V(R)	STAKED	7/16"	0.9375"	0.442"	0.542"	10 DEG	0.562"	0.080	20,700LBS
ABWT8(R)	CIRCLIP	1/2"	1.0000"	0.505"	0.612"	9 DEG	0.625"	0.100	27,500LBS
ABWT8V(R)	STAKED	1/2"	1.0000"	0.505"	0.612"	9 DEG	0.625"	0.100	27,500LBS
ABWT9(R)	CIRCLIP	9/16"	1.1250"	0.536"	0.726"	10 DEG	0.687"	0.135	34,400LBS
ABWT9V(R)	STAKED	9/16"	1.1250"	0.536"	0.726"	10 DEG	0.687"	0.135	34,400LBS
ABWT10(R)	CIRCLIP	5/8"	1.1875"	0.567"	0.752"	12 DEG	0.750"	0.160	39,000LBS
ABWT10-605	CIRCLIP	5/8"	1.562"	0.687"	0.973"	10 DEG	0.875"	TBC	32,500LBS
ABWT10V(R)	STAKED	5/8"	1.1875"	0.567"	0.752"	12 DEG	0.750"	0.160	39,000LBS
ABWT12(R)	CIRCLIP	3/4"	1.3750"	0.630"	0.892"	13 DEG	0.875"	0.240	52,300LBS
ABWT12V(R)	STAKED	3/4"	1.3750"	0.630"	0.892"	13 DEG	0.875"	0.240	52,300LBS
ABWT12-1-2001	CIRCLIP	5/8"	1.3750"	0.630"	0.920"	14 DEG	0.875"	0.240	56,146LBS
ABWT14(R)	CIRCLIP	7/8"	1.6250"	0.755"	1.061"	6 DEG	0.875"	0.350	67,300LBS
ABWT16(R)	CIRCLIP	1"	2.1250"	1.005"	1.275"	12 DEG	1.375"	0.970	137,000LBS

STAKING TOOLS ALSO AVAILABLE, JUST ADD "ST" TO THE END OF THE BEARING NUMBER FOR THE CORRECT SIZE



**PRECISION STAINLESS STEEL TEFLON LINED HIGH ANGULARITY SPHERICAL BEARINGS**

PART NO:	RETENTION	BORE DIA	OUTSIDE DIA	RACE WIDTH	SHOULDER DIA	ANGULARITY	BALL WIDTH	WEIGHT (LBS)	ULT STATIC RADIAL LOAD
ABYT4(R)	CIRCLIP	1/4"	0.7400"	0.250"	0.390"	24 DEG	0.593"	0.036	7,100LBS
ABYT4V(R)	STAKED	1/4"	0.7400"	0.250"	0.390"	24 DEG	0.593"	0.036	7,100LBS
ABYT5(R)	CIRCLIP	5/16"	0.6875						



FK Rod Ends are made in the USA and proudly distributed in the UK & Europe by Raceparts. The items listed here are Raceparts' stock items, but others are available. To see FK's extensive range in full please visit [www.fkrodends.com](http://www.fkrodends.com).

IMPERIAL ROD ENDS

PRECISION ZINC PLATED STEEL ALLOY THREE PIECE TEFLON LINER ROD ENDS

PART NO: RIGHT HAND	PART NO: LEFT HAND	BALL CENTRE TO END OF THREAD	BORE DIA	THREAD LENGTH	HEAD DIA	THREAD SIZE	BODY WIDTH	ANGULARITY	BALL WIDTH	WEIGHT (LBS)	ULT STATIC RADIAL LOAD
MALE											
JMX4T	JMXL4T	1.562"	1/4"	1.000"	0.750"	1/4UNF	0.281"	16 DEG	0.375"	0.040	5,262LBS
JMX5T	JMXL5T	1.875"	5/16"	1.250"	0.875"	5/16UNF	0.344"	14 DEG	0.437"	0.070	7,640LBS
JMX6T	JMXL6T	1.938"	3/8"	1.250"	1.000"	3/8UNF	0.406"	12 DEG	0.500"	0.110	9,550LBS
JMX7T	JMXL7T	2.125"	7/16"	1.375"	1.125"	7/16UNF	0.437"	14 DEG	0.562"	0.160	10,290LBS
JMX8-6T	JMXL8-6T	2.438"	3/8"	1.500"	1.312"	1/2UNF	0.500"	12 DEG	0.625"	0.270	16,242LBS
JMX8T	JMXL8T	2.438"	1/2"	1.500"	1.312"	1/2UNF	0.500"	12 DEG	0.625"	0.250	16,242LBS
JMX10T	JMXL10T	2.625"	5/8"	1.625"	1.500"	5/8UNF	0.562"	16 DEG	0.750"	0.380	17,959LBS
JMX12T	JMXL12T	2.875"	3/4"	1.750"	1.750"	3/4UNF	0.687"	14 DEG	0.875"	0.600	28,090LBS
FEMALE											
JFX4T	JFXL4T	1.312"	1/4"	0.687"	0.750"	1/4UNF	0.281"	16 DEG	0.375"	0.060	6,195LBS
JFX5T	JFXL5T	1.375"	5/16"	0.687"	0.875"	5/16UNF	0.344"	14 DEG	0.437"	0.090	7,640LBS
JFX6T	JFXL6T	1.625"	3/8"	0.812"	1.000"	3/8UNF	0.406"	12 DEG	0.500"	0.150	9,550LBS
JFX7T	JFXL7T	1.812"	7/16"	0.937"	1.125"	7/16UNF	0.437"	14 DEG	0.562"	0.200	10,290LBS
JFX8T	JFXL8T	2.125"	1/2"	1.062"	1.312"	1/2UNF	0.500"	12 DEG	0.625"	0.330	15,340LBS
JFX10T	JFXL10T	2.500"	5/8"	1.375"	1.500"	5/8UNF	0.562"	16 DEG	0.750"	0.480	17,959LBS

PRECISION HIGH STRENGTH ZINC PLATED STEEL ALLOY THREE PIECE TEFLON LINER ROD ENDS

PART NO: RIGHT HAND	PART NO: LEFT HAND	BALL CENTRE TO END OF THREAD	BORE DIA	THREAD LENGTH	HEAD DIA	THREAD SIZE	BODY WIDTH	ANGULARITY	BALL WIDTH	WEIGHT (LBS)	ULT STATIC RADIAL LOAD
MALE											
RSMX4T	RSMXL4T	1.875"	1/4"	1.250"	0.875"	5/16UNF	0.281"	13 DEG	0.375"	0.072	8,471LBS
RSMX5T	RSMXL5T	1.938"	5/16"	1.250"	1.000"	3/8UNF	0.344"	12 DEG	0.437"	0.112	13,012LBS
RSMX6T	RSMXL6T	2.125"	3/8"	1.375"	1.125"	7/16UNF	0.406"	10 DEG	0.500"	0.160	17,610LBS
RSMX7T	RSMXL7T	2.438"	7/16"	1.500"	1.312"	1/2UNF	0.437"	12 DEG	0.562"	0.249	23,470LBS
RSMX8T	RSMXL8T	2.625"	1/2"	1.625"	1.500"	5/8UNF	0.500"	10 DEG	0.625"	0.382	31,420LBS
RSMX10T	RSMXL10T	2.875"	5/8"	1.750"	1.750"	3/4UNF	0.562"	13 DEG	0.750"	0.602	40,590LBS

ECONOMY ZINC PLATED LOW CARBON STEEL TWO PIECE TEFLON LINER ROD ENDS

PART NO: RIGHT HAND	PART NO: LEFT HAND	BALL CENTRE TO END OF THREAD	BORE DIA	THREAD LENGTH	HEAD DIA	THREAD SIZE	BODY WIDTH	ANGULARITY	BALL WIDTH	WEIGHT (LBS)	ULT STATIC RADIAL LOAD
MALE											
CM3T	CML3T	1.250"	3/16"	0.750"	0.625"	10/32UNF	0.234"	20 DEG	0.312"	0.030	0,902LBS
CM4T	CML4T	1.562"	1/4"	1.000"	0.750"	1/4UNF	0.250"	27 DEG	0.375"	0.040	1,809LBS
CM5T	CML5T	1.875"	5/16"	1.250"	0.875"	5/16UNF	0.312"	22 DEG	0.437"	0.070	2,984LBS
CM6T	CML6T	1.938"	3/8"	1.250"	1.000"	3/8UNF	0.359"	22 DEG	0.500"	0.110	4,244LBS
CM7T	CML7T	2.125"	7/16"	1.375"	1.125"	7/16UNF	0.406"	21 DEG	0.562"	0.150	5,312LBS
CM8T	CML8T	2.438"	1/2"	1.500"	1.312"	1/2UNF	0.453"	20 DEG	0.625"	0.240	7,211LBS
CM10T	CML10T	2.625"	5/8"	1.625"	1.500"	5/8UNF	0.484"	26 DEG	0.750"	0.360	8,403LBS
FEMALE											
CF3T	CFL3T	1.062"	3/16"	0.500"	0.625"	10/32UNF	0.234"	20 DEG	0.312"	0.040	1,637LBS
CF4T	CFL4T	1.312"	1/4"	0.687"	0.750"	1/4UNF	0.250"	27 DEG	0.375"	0.050	2,612LBS
CF5T	CFL5T	1.375"	5/16"	0.687"	0.875"	5/16UNF	0.312"	22 DEG	0.437"	0.080	3,110LBS
CF6T	CFL6T	1.625"	3/8"	0.812"	1.000"	3/8UNF	0.359"	22 DEG	0.500"	0.130	4,206LBS
CF7T	CFL7T	1.812"	7/16"	0.937"	1.125"	7/16UNF	0.406"	21 DEG	0.562"	0.180	5,384LBS
CF8T	CFL8T	2.125"	1/2"	1.062"	1.312"	1/2UNF	0.453"	20 DEG	0.625"	0.290	7,286LBS
CF10T	CFL10T	2.500"	5/8"	1.375"	1.500"	5/8UNF	0.484"	26 DEG	0.750"	0.430	8,343LBS

COMMERCIAL CAD PLATED LOW CARBON STEEL THREE PIECE SINTERED BRONZE RACE ROD ENDS

PART NO: RIGHT HAND	PART NO: LEFT HAND	BALL CENTRE TO END OF THREAD	BORE DIA	THREAD LENGTH	HEAD DIA	THREAD SIZE	BODY WIDTH	ANGULARITY	BALL WIDTH	WEIGHT (LBS)	ULT STATIC RADIAL LOAD
MALE											
M3SB	ML3SB	1.250"	3/16"	0.750"	0.625"	10/32UNF	0.250"	13 DEG	0.312"	0.030	1,174LBS
M4SB	ML4SB	1.562"	1/4"	1.000"	0.750"	1/4UNF	0.281"	16 DEG	0.375"	0.040	2,168LBS
M5SB	ML5SB	1.875"	5/16"	1.250"	0.875"	5/16UNF	0.344"	14 DEG	0.437"	0.070	2,796LBS
M6SB	ML6SB	1.938"	3/8"	1.250"	1.000"	3/8UNF	0.406"	12 DEG	0.500"	0.110	4,012LBS
M7SB	ML7SB	2.125"	7/16"	1.375"	1.125"	7/16UNF	0.437"	14 DEG	0.562"	0.160	4,224LBS
M8SB	ML8SB	2.438"	1/2"	1.500"	1.312"	1/2UNF	0.500"	12 DEG	0.625"	0.250	6,700LBS
FEMALE											
F3SB	FL3SB	1.062"	3/16"	0.500"	0.625"	10/32UNF	0.250"	13 DEG	0.312"	0.040	1,624LBS
F4SB	FL4SB	1.312"	1/4"	0.687"	0.750"	1/4UNF	0.281"	16 DEG	0.375"	0.060	2,545LBS
F5SB	FL5SB	1.375"	5/16"	0.687"	0.875"	5/16UNF	0.344"	14 DEG	0.437"	0.090	3,200LBS
F6SB	FL6SB	1.625"	3/8"	0.812"	1.000"	3/8UNF	0.406"	12 DEG	0.500"	0.150	3,950LBS
F7SB	FL7SB	1.812"	7/16"	0.937"	1.125"	7/16UNF	0.437"	14 DEG	0.562"	0.200	4,300LBS
F8SB	FL8SB	2.125"	1/2"	1.062"	1.312"	1/2UNF	0.500"	12 DEG	0.625"	0.330	6,700LBS



METRIC ROD ENDS

PRECISION ZINC PLATED STEEL ALLOY THREE PIECE TEFLON LINER ROD ENDS

PART NO: RIGHT HAND	PART NO: LEFT HAND	BALL CENTRE TO END OF THREAD	BORE DIA	THREAD LENGTH	HEAD DIA	THREAD SIZE	BODY WIDTH	ANGULARITY	BALL WIDTH	WEIGHT (GRAMS)	ULT STATIC RADIAL LOAD
MALE											
JMX6MT	JMXL6MT	36MM	6MM	22MM	19.00MM	M6 X 1.0	7.00MM	13 DEG	9MM	18	17,725 N
JMX8MT	JMXL8MT	42MM	8MM	25MM	22.25MM	M8 X 1.25	8.75MM	18 DEG	12MM	31	33,137 N
JMX10MT	JMXL10MT	48MM	10MM	29MM	27.00MM	M10 X 1.5	10.50MM	17 DEG	14MM	68	50,225 N
JMX12MT	JMXL12MT	54MM	12MM	33MM	30.00MM	M12 X 1.75	12.00MM	17 DEG	16MM	78	44,487 N
JMX14MT	JMXL14MT	60MM	14MM	36MM	34.75MM	M14 X 2.0	13.50MM	21 DEG	19MM	118	71,745 N
JMX16MT	JMXL16MT	66MM	16MM	40MM	38.00MM	M16 X 2.0	14.25MM	23 DEG	21MM	173	76,290 N
FEMALE											
JFX6MT	JFXL6MT	30MM	6MM	14MM	19.00MM	M6 X 1.0	7.00MM	13 DEG	9MM	25	25,785 N
JFX8MT	JFXL8MT	36MM	8MM	17MM	22.25MM	M8 X 1.25	8.75MM	18 DEG	12MM	40	33,215 N
JFX10MT	JFXL10MT	43MM	10MM	21MM	27.00MM	M10 X 1.5	10.50MM	17 DEG	14MM	80	50,230 N
JFX12MT	JFXL12MT	50MM	12MM	24MM	30.00MM	M12 X 1.75	12.00MM	17 DEG	16MM	95	44,490 N
JFX14MT	JFXL14MT	57MM	14MM	27MM	34.75MM	M14 X 2.0	13.50MM	21 DEG	19MM	160	71,745 N
JFX16MT	JFXL16MT	64MM	16MM	33MM	38.00MM	M16 X 2.0	14.25MM	23 DEG	21MM	215	76,295 N

ECONOMY ZINC PLATED LOW CARBON STEEL TWO PIECE TEFLON LINER ROD ENDS

PART NO: RIGHT HAND	PART NO: LEFT HAND	BALL CENTRE TO END OF THREAD	BORE DIA	THREAD LENGTH	HEAD DIA	THREAD SIZE	BODY WIDTH	ANGULARITY	BALL WIDTH	WEIGHT (GRAMS)	ULT STATIC RADIAL LOAD
MALE											
CM5MT	CML5MT	33MM	5MM	20MM	16MM	M5 X 0.8	5.75MM	22 DEG	8MM	12	5,168 N
CM6MT	CML6MT	36MM	6MM	22MM	19MM	M6 X 1.0	6.25MM	23 DEG	9MM	18	7,296 N
CM8MT	CML8MT	42MM	8MM	25MM	22.25MM	M8 X 1.25	8.0MM	28 DEG	12MM	31	13,591 N
CM10MT	CML10MT	48MM	10MM	29MM	27MM	M10 X 1.5	9.5MM	26 DEG	14MM	68	21,024 N
CM12MT	CML12MT	54MM	12MM	33MM	30MM	M12 X 1.75	10.75MM	27 DEG	16MM	78	25,819 N
CM14MT	CML14MT	60MM	14MM	36MM	34.75MM	M14 X 2.0	12.25MM	30 DEG	19MM	118	35,214 N
CM16MT	CML16MT	66MM	16MM	40MM	38MM	M16 X 2.0	12.75MM	33 DEG	21MM	173	37,391 N
FEMALE											
CF5MT	CFL5MT	27MM	5MM	14MM	16MM	M5 X 0.8	5.75MM	22 DEG	8MM	18	8,247 N
CF6MT	CFL6MT	30MM	6MM	14MM	19MM	M6 X 1.0	6.25MM	23 DEG	9MM	25	11,895 N
CF8MT	CFL8MT	36MM	8MM	17MM	22.25MM	M8 X 1.25	8.0MM	28 DEG	12MM	40	15,190 N
CF10MT	CFL10MT	43MM	10MM	21MM	27MM	M10 X 1.5	9.5MM	26 DEG	14MM	80	22,750 N
CF12MT	CFL12MT	50MM	12MM	24MM	30MM	M12 X 1.75	10.75MM	27 DEG	16MM	95	25,819 N
CF14MT	CFL14MT	57MM	14MM	27MM	34.75MM	M14 X 2.0	12.25MM	30 DEG	19MM	160	35,214 N
CF16MT	CFL16MT	64MM	16MM	33MM	38MM	M16 X 2.0	12.75MM	33 DEG	21MM	215	37,391 N

IMPERIAL SPHERICAL BEARINGS

PRECISION STAINLESS STEEL TEFLON LINED NARROW SPHERICAL BEARINGS

PART NO:	BORE DIA	OUTSIDE DIA	RACE WIDTH	SHOULDER DIA	ANGULARITY	BALL WIDTH	WEIGHT (LBS)	ULT STATIC RADIAL LOAD	ULT STATIC AXIAL LOAD
FKSSX4T	1/4"	0.656"	0.250"	0.364"	13.5 DEG	0.343"	0.020	10,000LBS	2,000LBS
FKSSX6T	3/8"	0.812"	0.312"	0.516"	10 DEG	0.406"	0.040	18,000LBS	3,600LBS
FKSSX8T	1/2"	1.000"	0.390"	0.600"	9.5 DEG	0.500"	0.070	26,900LBS	5,380LBS
FKSSX10T	5/8"	1.187"	0.500"	0.739"	8.5 DEG	0.625"	0.120	48,000LBS	9,600LBS
FKSSX12T									

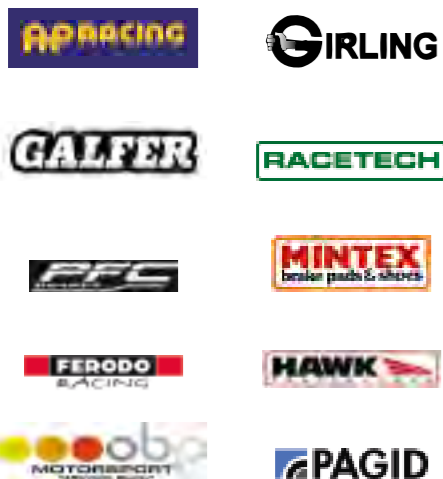




# Braking



## OUR SUPPLIERS



## BRAKING

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## BALANCE BAR ASSEMBLY

Racetech adjustable balance bar assemblies are available with alloy or steel clevis and supplied with cross tube ready to weld into the pedal to suit 3" and 2.5" master cylinder centres. High quality 55 ton steel is used for the balance bar. Many constructors have taken advantage of this package as the cost is less than manufacturing their own assembly!

PART NO:	DESCRIPTION
AA	3" CTRS / ALLOY CLEVIS / CABLE ADJUSTABLE
LS	3" CTRS / STEEL CLEVIS / CABLE ADJUSTABLE
AA2.5	2.5" CTRS / ALLOY CLEVIS / CABLE ADJUSTABLE
LS2.5	2.5" CTRS / STEEL CLEVIS / CABLE ADJUSTABLE
BB90	BALANCE BAR 90 DEGREE ADJUSTER



## HI SPEC BALANCE BAR 7/16 DIA

This extremely high strength balance bar was designed by Racetech using aerospace materials to cope with the higher forces associated with IRL cars. This product has now been used as an OE product by high performance road car manufacturers and in GT, touring car racing and rallying.

PART NO:	DESCRIPTION
AA7/16	HIGH SPEC BAR / ALLOY CLEVIS / ADJUSTABLE



## BALANCE BAR ADJUSTER CABLE

Absolutely the best on the market, used by most Formula One teams. A neat lightweight cockpit adjuster with a positive half turn stop. Supplied complete with fitting kit.

PART NO:	DESCRIPTION	PART NO:	DESCRIPTION
BBA20	2' CABLE	BBA39	3'9" CABLE
BBA26	2'6" CABLE	BBA40	4' CABLE
BBA28	2' 8" CABLE	BBA46	4'6" CABLE
BBA30	3' CABLE	BBA50	5' CABLE
BBA33	3' 3" CABLE	BBA60	6' CABLE
BBA36	3'6" CABLE	BBADT	7/16" TO 3/8" BAR ADAPTOR



## THERMAL INDICATOR STRIPS & PAINT KITS

### PAINT KITS

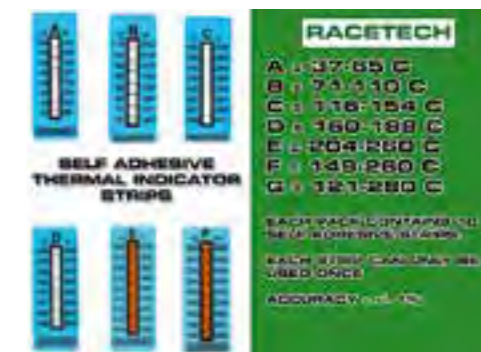
A much used product within the motorsport industry, particularly suitable for monitoring brake disc temperatures, each kit contains three colour changing paints, giving a range of 450°C to 650°C. Easily applied with brushes and cleaner supplied in each kit.



PART NO:	DESCRIPTION
RTPK	BRAKE DISC TEMPERATURE PAINT KIT

### TEMPERATURE STRIPS

Racetech's range of temperature test strips will permanently record the highest bracketed temperature reached by the label. Racetech temp strips provide an easy solution to testing operating temperatures in locations that would normally be difficult or impossible to reach while in use. Extremely accurate & inexpensive to use.



PART NO:	DESCRIPTION
THE TEM A	RACETECH TEMP STRIPS PACK OF 10 37-65°C
THE TEM B	RACETECH TEMP STRIPS PACK OF 10 71-110°C
THE TEM C	RACETECH TEMP STRIPS PACK OF 10 116-154°C
THE TEM D	RACETECH TEMP STRIPS PACK OF 10 160-199°C
THE TEM E	RACETECH TEMP STRIPS PACK OF 10 204-260°C
THE TEM F	RACETECH TEMP STRIPS PACK OF 10 149-260°C
THE TEM G	RACETECH TEMP STRIPS PACK OF 10 121-280°C



MASTER CYLINDERS

AP Racing's unparalleled experience in motorsport is seen in the development of their range of products including master cylinders. Designed to respond to the severe demands of competition conditions encountered in all forms of motorsport.



REPLACES CP6093 CYLINDERS

CP2623, PUSH TYPE, SHORT STROKE FLANGE MOUNTED, INLET = 7/16UNF, OUTLET = 3/8UNF  
\* 5/16UNF PUSHROD - 115MM (PRT115) OR 160MM (PRT160)  
\* M8X1.25 PUSHROD - 115MM (PRM115) OR 160MM (PRM160) WEIGHT 0.26KG

BORE	PART NO:	REPAIR KIT
14.0MM	CP2623-88*	CP2623-88RK
15.0MM	CP2623-89*	CP2623-89RK
15.9MM, 0.625"	CP2623-90*	CP2623-90RK
16.8MM	CP2623-905*	CP2623-905RK
17.8MM, 0.700"	CP2623-91*	CP2623-91RK
19.1MM, 0.750"	CP2623-92*	CP2623-92RK
20.6MM, 0.812"	CP2623-93*	CP2623-93RK
22.2MM, 0.875"	CP2623-94*	CP2623-94RK
23.8MM, 0.937"	CP2623-95*	CP2623-95RK
25.4MM, 1.000"	CP2623-96*	CP2623-96RK

CP9093 REPLACES CP6093, PUSH TYPE, LONG STROKE FLANGE MOUNTED, INLET = 7/16UNF, OUTLET = 3/8UNF  
\* 5/16UNF PUSHROD - 163MM (PRT163) WEIGHT 0.37KG

BORE	PART NO:	REPAIR KIT
14.0MM	N/A	N/A
15.0MM	N/A	N/A
15.9MM, 0.625"	CP9093-90*	CP7198-90RK
16.8MM	N/A	N/A
17.8MM, 0.700"	CP9093-91*	CP7198-91RK
19.1MM, 0.750"	CP9093-92*	CP7198-92RK
20.6MM, 0.812"	CP9093-93*	CP7198-93RK
22.2MM, 0.875"	CP9093-94*	CP7198-94RK
23.8MM, 0.937"	CP9093-95*	CP7198-95RK
25.4MM, 1.000"	CP9093-96*	CP7198-96RK



CP6465, PULL TYPE, TRUNNION MOUNTED, INLET = SPECIAL PLUG-IN, OUTLET = M10X1.0 M8X1.25 PUSHROD  
WEIGHT 0.23 TO 0.27KG

BORE	PART NO:	REPAIR KIT
14.9MM (0.587")	CP6465-149PRME	CP6465-149RK
16.2MM (0.638")	CP6465-162PRME	CP6465-162RK
17.3MM (0.681")	CP6465-173PRME	CP6465-173RK
18.8MM (0.740")	CP6465-188PRME	CP6465-188RK
20.2MM (0.795")	CP6465-202PRME	CP6465-202RK
21.2MM (0.834")	CP6465-212PRME	CP6465-212RK
21.8MM (0.858")	CP6465-218PRME	CP6465-218RK
23.7MM (0.933")	CP6465-237PRME	CP6465-237RK
25.4MM (1.000")	CP6465-254PRME	CP6465-254RK

CP4400, PUSH TYPE, CENTRE LOCK BULKHEAD MOUNTED, INLET = 7/16UNF, OUTLET = 3/8UNF  
\* 5/16UNF PUSHROD - 135MM (PRT135) OR 180MM (PRT180) WEIGHT 0.29KG

BORE	PART NO:	REPAIR KIT
14.0MM	CP4400-88*	CP2623-88RK
15.0MM	CP4400-89*	CP2623-89RK
15.9MM, 0.625"	CP4400-90*	CP2623-90RK
17.8MM, 0.700"	CP4400-91*	CP2623-91RK
19.1MM, 0.750"	CP4400-92*	CP2623-92RK
20.6MM, 0.812"	CP4400-93*	CP2623-93RK
22.2MM, 0.875"	CP4400-94*	CP2623-94RK
23.8MM, 0.937"	CP4400-95*	CP2623-95RK
25.4MM, 1.000"	CP4400-96*	CP2623-96RK

BRAKE FLUID



RADI-CAL R4 RACING NEW - HIGHEST BOILING POINT		RADI-CAL R3 RACING FORMERLY PRF660		RADI-CAL R2 RACING FORMERLY AP600		RADI-CAL R1 RACING FORMERLY AP551		FACTORY R DOTS.1 FAST ROAD/TRACK DAY	
PART NO:	APR4	PART NO:	APR3	PART NO:	APR2	PART NO:	APR1	PART NO:	DOTS.1
DRY BOILING POINT	340°C	DRY BOILING POINT	325°C	DRY BOILING POINT	312°C	DRY BOILING POINT	269°C	DRY BOILING POINT	269°C
WET BOILING POINT	204°C	WET BOILING POINT	204°C	WET BOILING POINT	204°C	WET BOILING POINT	151°C	WET BOILING POINT	187°C



RESERVOIRS

PART NO:	TYPE	VOLUME (CM3)	DIM. 'L' (MM)	THREAD/PUSH-FIT
CP4709-10	TALL	183	169	15/16" X 20UNS
CP4709-11	MEDIUM	123	119	15/16" X 20UNS
CP4709-12	SHORT	75	79	15/16" X 20UNS
CP4709-13	SHORT	75	96	7/16" X 20UNF
CP4709-14	MEDIUM	123	136	7/16" X 20UNF
CP4709-15	TALL	183	186	7/16" X 20UNF
CP4709-19	SHORT	75	96	PUSH-FIT
CP4709-20	MEDIUM	123	136	PUSH-FIT

PART NO:	VOLUME (CM3)	DIM. 'L' (MM)	DIA (MM)	THREAD/PUSH-FIT
CP5709-10	185	96	66	PUSH-FIT
CP4773-1	195	100	63	7/16" X 20UNF
CP4773-3	195	100	63	PUSH-FIT
CP2293-69	280	102	73	PUSH-FIT
CP2293-85	280	102	73	TWIN PUSH-FIT
CP2293-143	275	115	66	7/16" X 20UNF
CP2293-162	340	126	73	7/16" X 20UNF
CP2293-163	340	126	73	7/16" X 20UNF



RUBBER HOSE - CP6614

A brake fluid compatible reservoir hose to suit push-fit reservoirs.

PART NO:	LENGTH
CP6614-106	609MM (24")
CP6614-102	1828MM (72")
CP6614-103	305MM (12")



INLET FITTINGS - CP6465

Special inlet fitting complete kits for CP6465 M/Cyls.

PART NO:	LENGTH
CP6465-10	75 DEGREE FITTING
CP6465-11	STRAIGHT FITTING
CP6465-12	90 DEGREE FITTING



BALANCE BAR CABLES



CP2905-8 CABLE TYPE	
PART NO:	CP2905-8
END CONNECTOR	INCLUDED
CABLE LENGTH	1200MM



CP2905-18 CABLE TYPE	
PART NO:	CP2905-18
END CONNECTOR	NOT INCLUDED
CABLE LENGTH	1200MM



CP2905-15 CABLE TYPE & DIGITAL DISPLAY	
PART NO:	CP2905-15
END CONNECTOR	INCLUDED
CABLE LENGTH	1200MM

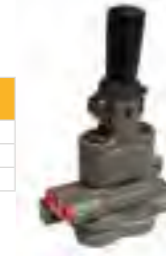
PROPORTIONING VALVES



CP3550-14 SCREW TYPE SINGLE BORE, PROP VALVE	
PART NO:	CP3550-14
ADJUSTMENT	INFINITE
HYDRAULIC PORTS	M10X1.0



CP3550-13 LEVER TYPE SINGLE BORE, PROP VALVE	
PART NO:	CP3550-13
ADJUSTMENT	7 SETTINGS
HYDRAULIC PORTS	M10X1.0



CP4550-1 LEVER TYPE TWIN BORE, PROP VALVE	
PART NO:	CP4550-1
ADJUSTMENT	7 SETTINGS
HYDRAULIC PORTS	M10X1.0





CALIPERS

AP's comprehensive range of calipers offer a solution for any form of motorsport. With a range of disc diameters, 2 to 6 pistons and materials there is bound to be a caliper to suit your needs. Below shows just some of those on offer. If you require a caliper not shown then please call or email with the details. Raceparts can also provide the accessories and caliper spares you may require.

<b>CP3696</b> APPLICATION LIGHT FORMULA DISC DIAMETER 267MM 2 PISTON 41.3MM SEAL KIT CP4518-K WEIGHT 0.8KG PAD SHAPE CP2195D38	<b>CP2576/CP2577/CP3176/CP3177</b> APPLICATION REAR CALIPER DISC DIAMETER 267MM 2 PISTON VARIOUS SEAL KIT CP4518-* WEIGHT 2.0KG PAD SHAPE CP2399D43	<b>CP2696</b> APPLICATION F2 SIDECAR DISC DIAMETER 304MM 2 PISTON 41.3MM SEAL KIT CP4518-K WEIGHT 0.9KG PAD SHAPE CP2195D38	<b>CP7030</b> APPLICATION SIDECAR OR F3 DISC DIAMETER 278MM 4 PISTON 34.9/41.3MM SEAL KIT CP4518-GK WEIGHT 1.5KG PAD SHAPE CP3345D38
<b>CP5020</b> APPLICATION RACE REAR DISC DIAMETER 280MM 2 PISTON 36.0MM SEAL KIT CP4518-H WEIGHT 1.5KG PAD SHAPE CP2399D43	<b>CP5040</b> APPLICATION RACE FRONT DISC DIAMETER 315-330MM 4 PISTON 38.1/41.3MM SEAL KIT CP4518-JK WEIGHT 2.0KG PAD SHAPE CP3215D50	<b>CP2361</b> APPLICATION HISTORIC GT DISC DIAMETER 248-267MM 4 PISTON 38.1MM SEAL KIT CP4518-JJ WEIGHT 2.0KG PAD SHAPE CP2340D43	<b>CP2561</b> APPLICATION F1 1977-1985 DISC DIAMETER 278MM 2 PISTON 38.1MM SEAL KIT CP4518-J WEIGHT 1.2KG PAD SHAPE CP2399D43
<b>CP5200</b> APPLICATION PERFORMANCE DISC DIAMETER 304-330MM 4 PISTON 38.1/41.3MM SEAL KIT CP4519-JK WEIGHT 2.4KG PAD SHAPE CP3215D50	<b>CP5555</b> APPLICATION PERFORMANCE DISC DIAMETER 362MM 6 PISTON 27/31.8/38.1 SEAL KIT CP4519-CEJ WEIGHT 2.8KG PAD SHAPE CP3894D54	<b>CP9440</b> APPLICATION MOTORSPORT DISC DIAMETER 315-330MM 4 PISTON 36.0/41.3MM SEAL KIT CP8518-HK WEIGHT 1.5KG PAD SHAPE CP3215D50	<b>CP9660</b> APPLICATION MOTORSPORT DISC DIAMETER 356-380MM 6 PISTON 27/31.8/38.1 SEAL KIT CP8518-CEJ WEIGHT 2.8KG PAD SHAPE CP3894D54

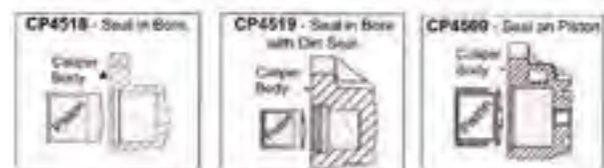
REPLACEMENT CALIPER SEAL KITS

AP recommend that caliper seals are replaced regularly. For help selecting the correct seals please contact Raceparts. Each kit contains a caliper set of seals.

Caliper Bore Identification Letters and Size Reference (mm)

A	B	C	D	E	F	G	H	J	K	L	M	M
25.4	26.0	27.0	28.6	31.8	34.0	34.9	36.0	38.1	41.3	44.5	47.6	50.8

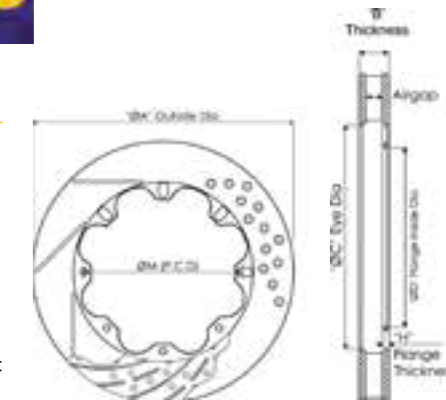
**FORMULATING A PART NO:**  
 CP4518-J = SEAL IN BORE, 2 PISTON CALIPER WITH TWO 38.1MM SEALS  
 CP4518-JJ = SEAL IN BORE, 4 PISTON CALIPER WITH 4X 38.1MM SEALS  
 CP4509-EJ = SEAL ON PISTON, 4 PISTON CALIPER WITH 2 X 31.8MM AND 2 X 38.1MM SEALS.(EACH LETTER IS TWO SEALS)



DISCS

AP Racing's solid and vented brake discs are available in a range of sizes from 248mm to 400mm diameter, with many mounting and ventilation options and face types. Some are available with integral bell. For more information on the discs available or help choosing the correct discs or mounting kit please contact Raceparts. Below is a sample of the most popular 50 discs in the AP range.

AP Racing's discs, along with all of their brake products, have been developed from the experienced gained by supplying race and rally teams across the world for many years. Currently AP Racing's discs are competing in F3, WRC, GT, NASCAR and numerous Touring Car championships. This level of competition provides research and development to ensure that you get the highest quality product possible.



NOMINAL DIMENSIONS IN (MM)										PAD DEPTH	NO VANES	AIR GAP	WEIGHT KG	FACE TYPE	PART NO:
A OD	B WIDTH	M P.C.D THICKNESS	NO BOLTS	FIXING TYPE	BOLT	C EYE	D FLANGE INSIDE	H FLANGE MOUNTING							
257.0	21.0	139.7	6	BOLT	6.4	154.9	125.8	5.60	D51	36	9.3	3.6	G4	CP4136-86	
260.0	25.4	139.7	6	BOLT	6.4	154.9	125.8	4.80	D51	48	10.5	4.0	G4	CP4448-226/7	
264.0	21.0	139.7	6	BOLT	6.4	154.9	125.8	5.60	D51	36	9.3	3.7	G4	CP4136-208	
267.0	21.0	139.7	6	BOLT	6.4	155.0	125.8	5.60	D54	36	9.3	4.4	G4	CP4136-48	
267.0	25.4	139.7	6	BOLT	6.4	180.2	123.0	5.02	D42	48	11.0	3.6	G8	CP4448-318/9	
278.0	16.0	181.5	8	BOBBIN	/	194.0	158.0	4.42	D38	24	6.5	2.4	CG4	CP3770-1014/5	
280.0	17.0	171.4	8	BOBBIN	/	191.4	146.5	4.42	D43	24	6.5	2.9	CG8	CP3770-1018/9	
280.0	21.0	176.8	8	BOLT	6.4	192.0	159.3	4.80	D44	48	10.5	3.0	G4	CP4448-746/7	
280.0	25.4	176.8	8	BOLT	6.4	192.0	159.3	4.90	D44	30	12.9	4.0	CG8	CP5000-312/3	
280.0	25.4	177.8	12	BOLT	6.4	197.0	164.0	4.90	D41	24	15.5	2.7	G8	CP3047-288/9	
285.0	25.4	158.8	8	BOLT	6.4	190.0	141.0	4.60	D51	48	10.5	4.4	G4	CP4448-506/7	
290.0	25.4	165.1	8	BOLT	6.4	180.0	152.9	5.32	D54	48	9.0	5.2	CG8	CP4348=2636/7	
295.0	25.4	177.8	12	BOLT	6.4	204.0	164.0	5.60	D44	48	9.3	5.4	CG8	CP5000-510/1	
295.0	28.0	177.8	12	BOBBIN	/	192.4	154.0	5.60	D51	48	14.0	5.0	CG8	CP3580-1134/5	
295.0	28.0	177.8	12	BOLT	6.4	193.0	164.0	6.60	D51	48	14.0	5.0	G8/RD	CP3580-102/3	
300.0	28.0	177.8	12	BOLT	6.4	203.2	164.0	5.60	D46	36	15.25	4.65	G8	CP3837-1004/5	
300.0	28.0	181.0	8	BOBBIN	/	195.0	160.0	5.42	D51	48	14.0	5.3	CG5	CP3580-1200/1	
304.0	20.7	177.8	12	BOLT	6.4	195.0	164.3	5.60	D55	48	9.0		G4	CP4348-626/7	
304.0	25.4	191.0	12	BOLT	6.4	205.8	177.6	4.92	D47	48	14.0	4.3	GA/G4	CP3580-280/1	
304.0	28.0	177.8	12	BOLT	6.4	203.2	164.0	5.60	D48	48	14.0	5.2	G4	CP3580-2572/3	
304.0	28.0	177.8	12	BOLT	6.4	203.2	161.0	5.60	D50	54	16.0	4.6	GA/P	CP5254-106/7	
304.0	32.0	177.8	12	BOLT	6.4	191.0	164.3	6.60	D51	48	14.0	6.6	G4	CP3580-2604/5	
315.0	25.4	177.8	12	BOLT	6.4	195.0	164.5	5.30	D59	48	14.0	5.3	G4	CP3580-1012/3	
315.0	28.0	177.8	12	BOLT	6.4	210.3	164.3	6.00	D52	48	14.0	5.6	CG8	CP5000-220/1	
330.0	25.4	220.5	12	BOLT	6.4	239.2	206.0	5.30	D45	48	14.0	4.4	G8	CP3580-1092/3	
330.0	28.0	203.2	12	BOLT	6.4	227.4	185.0	5.10	D51	36	14.5	4.94	CG8	CP5000-210/1	
330.0	28.0	203.2	12	BOLT	6.4	230.0	190.0	5.60	D50	48	14.0	5.94	CG8/G8	CP3580-2898/9	
330.0	32.0	203.2	12	BOLT	6.4	227.4	190.0	6.60	D51	30	15.5	6.7	CG8	CP5000-206/7	
330.0	32.0	203.2	12	BOBBIN	/	227.0	178.0	5.60	D51	48	19.5	5.8	CG8/GA	CP3581-1130/1	
330.0	36.0	203.2	12	BOLT	6.4	219.4	190.0	6.60	D54	48	19.5	7.2	CG8	CP5000-112/3	
343.0	28.0	228.6	12	BOLT	6.4	240.0	212.0	5.30	D50	48	16.5	5.0	G8	CP3781-2122/3	
343.0	32.0	215.9	12	BOLT	6.4	230.0	201.3	5.60	D54	48	19.5	6.1	G8/CG8	CP3581-542/3	
343.0	36.0	215.9	12	BOLT	6.4	233.0	195.9	7.50	D54	48	19.5	7.7	G8	CP3581-1082/3	
355.0	28.0	247.6	12	BOLT	6.4	261.6	233.0	5.30	D46	48	16.5	5.1	G8	CP3781-2006/7	
355.0	32.0	215.9	12	BOLT	6.4	244.0	195.0	6.40	D54	48	17.5	7.3	CG12	CP4542-106/7	
356.0	28.0	228.6	12	BOLT	6.4	238.6	212.0	5.30	D54	48	16.5	5.8	CG12	CP3781-2126/7	
356.0	28.0	240.0	12	BOLT	6.4	252.6	220.0	5.00	D51	48	16.5	5.3	CG8/GA	CP3781-2142/3	
356.0	32.0	228.6	12	BOLT	6.4	251.0	214.0	5.30	D51	48	19.5	6.5	CG8	CP5000-218/9	
356.0	32.0	240.0	12	BOBBIN	/	258.0	215.0	5.60	D46	48	19.5	5.7	CG8	CP3581-1128/9	
356.0	36.0	228.6	12	BOLT	6.4	244.6	214.0	6.60	D54	48	19.5	7.7	CG8	CP5000-110/1	
356.0	36.0	228.6	12	BOBBIN	/	244.6	202.8	5.60	D54	48	19.5	7.6	G8	CP3581-1136/7	
362.0	32.0	215.9	12	BOLT	6.4	238.0	195.0	6.42	D61	48	17.5	8.4	CG12	CP4542-142/3	
375.0	36.0	241.3	12	BOLT	6.4	257.0	225.0	6.60	D54	72	19.5	8.7	CG8/RA	CP5772-6076/7	
378.0	28.0	260.3	12	BOLT	6.4	282.0	244.0	6.00	D46	48	13.5	6.1	G12	CP5914-116/7	
378.0	32.0	240.0	12	BOBBIN	/	267.0	214.5	5.60	D54	36	19.5	6.6	CG8/GA	CP3836-1030/1	
378.0	32.0	240.0	12	BOBBIN	/	268.0	215.0	5.60	D54	72	19.5	7.2	CG8/GA	CP5772-1030/1	
378.0	36.0	240.0	12	BOBBIN	/	264.0	214.5	5.60	D54	72	19.5	8.9	CG8/RA	CP5772-2068/9	
380.0	32.0	228.6	10	BOBBIN	/	247.0	202.2	5.60	D66	72	19.5	8.4	CG8	CP5772-118/9	
390.0	32.0	260.0	12	BOLT	6.4	268.8	243.0	6.40	D54	54	19.0	7.7	CG24	CP4095-110/1	
400.0	36.0	270.0	12	BOLT	6.4	288.7	253.2	7.00	D66	73	19.0	9.3	CG12	CP4095-104/5	





MASTER CYLINDERS & REPAIR KITS

Girling master cylinders as used in race car and OE applications since the 1960's, still popular in contemporary and historic motorsport. Girling master cylinders have a full stroke of 1.375", outlet hydraulic thread of 3/8" x 24UNF and push rod thread of 5/16" UNF.

INTEGRAL M/CYL		LARGE-INTEGRAL M/CYL		NON-INTEGRAL M/CYL		REPAIR KITS	
PART NO:	BORE	PART NO:	BORE	PART NO:	BORE	PART NO:	DESCRIPTION
3112242	0.625"	64068016	0.625"	64067651	0.625"	SP1963	0.625 M/CYL
64068376	0.700"	64068325	0.700"	64067884	0.700"	SP2102	0.700 M/CYL
64068606	0.750"	64067623	0.750"	64067620	0.750"	SP1967	0.750 M/CYL
				PB000800	0.812"	PB000875	0.875 M/CYL
				PB000400	0.875"	PB000812	0.812 M/CYL

RESERVOIRS AND ACCESSORIES

RESERVOIRS	
PART NO:	DESCRIPTION
64047341	M/CYL RESERVOIR STANDARD (OFFSET)
64046158	M/CYL RESERVOIR LARGE
64474602	REPLACEMENT PLASTIC CAP FOR ABOVE
64478356	MOISTURE BARRIER FOR ABOVE RESERVOIRS
64475476	M/CYL EXTENSIONS

64047341      64046158      64475476      64474602

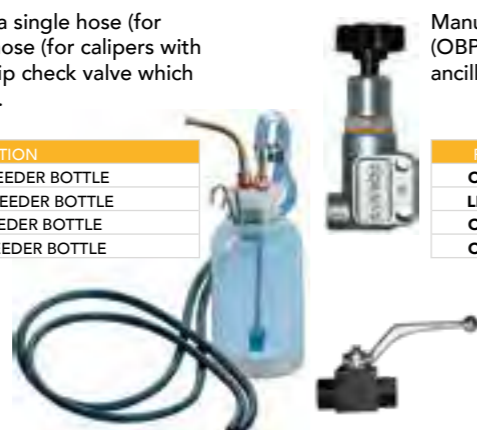
MASTER CYLINDER ACCESSORIES

ACCESSORIES		PUSHRODS & CLEVIS'	
PART NO:	DESCRIPTION	PART NO:	DESCRIPTION
74470144	PLASTIC CAP FOR INTEGRAL M/CYL	64670851	P/ROD 2.68" O/ALL .875" THREAD 5/16 UNF
64473143	ALLOY CAP FOR INTEGRAL M/CYL	64670848	P/ROD 3.28" O/ALL 1.25" THREAD 5/16 UNF
362920	SEAL FOR 64473143 CAP	64670860	P/ROD 3.69" O/ALL 1.75" THREAD 5/16 UNF
64473019	ALLOY CAP FOR LARGE INTEGRAL M/CYL	64676946	P/ROD 4.59" O/ALL 1.50" THREAD 5/16 UNF
378763	SEAL FOR 64473019 CAP	64677154	P/ROD 4.90" O/ALL 1.75" THREAD 5/16 UNF
411X4873	MOISTURE BARRIER FOR INTEGRAL M/CYL	PB000082	P/ROD 6.00" O/ALL 4.00" THREAD 5/16 UNF
64478356	MOISTURE BARRIER FOR LARGE INTEGRAL M/CYL	64671286	P/ROD CLEVIS MACHINED THREAD 5/16 UNF
363518	NON INTEGRAL M/CYL CONVOLUTED BOOT	373201	P/ROD CLEVIS PRESSED TYPE
64673398	INTEGRAL M/CYL SMALL BOOT	PB000089	CLEVIS PIN 5/16 DIA X 5/8" ZINC PLATED
RTA800	7/16 UNF TO 5/16 (8MM) PUSH FIT ADAPTOR		

BRAKE BLEEDER

A one man brake bleeding system with a single hose (for calipers with one bleed nipple) or twin hose (for calipers with two bleed nipples). Featuring a rubber lip check valve which allows fluid to flow in only one direction.

PART NO:	DESCRIPTION
150-299	500ML SINGLE BLEEDER BOTTLE
150-300	1000ML SINGLE BLEEDER BOTTLE
150-302	500ML TWIN BLEEDER BOTTLE
150-303	1000ML TWIN BLEEDER BOTTLE



MISC BRAKE ANCILLARIES

Manufactured in the UK by Optimum Balance Products (OBP) these are professionally manufactured and quality ancillary products at affordable prices.

PART NO:	DESCRIPTION
OBPCB012	OBP BRAKE BIAS VALVE 3/8UNF PORTS
LINE LOCK	BRAKE LINE LOCK, 1/8BSP PORTS
OBPCB007	TWIN ALUMINIUM RESERVOIR BRACKET
OBPCB006	TRIPLES ALUMINIUM RESERVOIR BRACKET



GIRLING CALIPERS & SPARES

(DISC SIZE LISTED IS ORIGINAL DESIGN MAXIMUM)

AR2		AR3		AR4		AR5	
RH CALIPER	AR100ASMRH	RH CALIPER	64033781	RH CALIPER	64033571	NH CALIPER SD	TBC
LH CALIPER	AR100ASMLH	LH CALIPER	64033780	LH CALIPER	64033572	NH CALIPER VD	TBC
50.8MM PISTON	64321899	50.8MM PISTON	64321899	50.8MM PISTON	64321899	38.1MM PISTON	411X3637
50.8MM SEAL	64327822	50.8MM SEAL	64327822	50.8MM SEAL	64327822	38.1MM SEAL	32323278
SOLID DISC	254 X 9.53MM	SOLID DISC	267 X 11.11MM	VENTED DISC	267 X 21.00MM	SOLID DISC	267 X 11.11MM
PAD SHAPE	MGB504	PAD SHAPE	MGB504	PAD SHAPE	MGB504	VENTED DISC	280X22.22MM
		ALSO MADE WITH 2.125" PISTON		ALSO MADE WITH 2.125" PISTON		PAD SHAPE	MDB1541

AR5 CALIPER COMING SOON

NR		NR WITH HANDBRAKE		D12R		D14R	
RH CALIPER	NR100ASMRH	RH CALIPER	NR100ASMRHB	RH CALIPER	67032007	RH CALIPER	67032009
LH CALIPER	NR100ASMLH	LH CALIPER	NR100ASMLHB	LH CALIPER	67032006	LH CALIPER	67032008
38.1MM PISTON	PB000144	38.1MM PISTON	PB000144	42.8MM PISTON	PB000060	48.1MM PISTON	PB000061
38.1MM SEAL	32323278	38.1MM SEAL	32323278	42.8MM SEAL	32323284	48.1MM SEAL	32320272
SOLID DISC	249 X 9.53MM	SOLID DISC	249 X 9.53MM	SOLID DISC	254 X 9.65MM	SOLID DISC	254 X 9.65MM
PAD SHAPE	MGB505	PAD SHAPE	MGB505	PAD SHAPE	MGB533	PAD SHAPE	MGB533

BR		CR		ORA		14LF	
RH CALIPER	BR100ASMRH	RH CALIPER	CR100ASMRHB	RH CALIPER	ORA100RH	RH CALIPER	64032669
LH CALIPER	BR100ASMLH	LH CALIPER	CR100ASMLHB	LH CALIPER	ORA100LH	LH CALIPER	64032668
54.0MM PISTON	64321896	60.3MM PISTON	PB000177	44.5MM PISTON	ORA101A	48.1MM PISTON	2264327369
54.0MM SEAL	32327993	60.3MM SEAL	64326148	44.5MM SEAL	ORA102	48.1MM SEAL	32320272
SOLID DISC	285 X 12.70MM	SOLID DISC	305 X 15.88MM	SOLID DISC	294 X 12.70MM	SOLID DISC	257 X 9.65MM
PAD SHAPE	MDB1541	PAD SHAPE	MGB526	PAD SHAPE	MDB1541	PAD SHAPE	MGB533

16/4		18/4		VENTED DISCS		SOLID DISCS	
RH CALIPER	164RHCAL	RH CALIPER	184RHCAL	PB000264L	264 X 21MM RH	BD5 FORMULA FORD	247MM X 7MM
LH CALIPER	164LHCAL	LH CALIPER	184LHCAL	PB000264R	264 X 21MM LH	BD4MB1 FORMULA FORD	247MM X 7MM
38.1MM PISTON	RPGP034	42.8MM PISTON	RPGP036	PB000214L	267 X 21MM LH	2 PIECE DISC	247MM X 7MM
38.1MM SEAL	32323278	42.8MM SEAL	32323284	PB000215R	267 X 21MM RH	BD1 MK9 INBOARD TOP	240MM X 7MM
VENTED DISC	TBC	VENTED DISC	TBC	OTHER SIZES AVAILABLE AND FOR SPECIFIC APPLICATIONS		HAT 1 PIECE	254MM X 9MM
PAD SHAPE	MDB1456	PAD SHAPE	MDB1456	BD12 FORMULA	254MM X 10MM	BD9VL VAUXHALL	254MM X 9MM
				LOTUS 2 PIECE DISC	254MM X 10MM	BD9VL MYGALE	254MM X 10MM
				BMW FLAT ROTOR	254MM X 10MM	FLAT ROTOR	254MM X 10MM





OBP Motorsport's professionally made and popular range of Pro Race pedals and pedal box kits are all made in the UK.

UNIVERSAL PRO-RACE PEDALS & PEDAL BOX KITS

All of OBP's pedals and pedal boxes are made from high quality, lightweight steel and utilise low friction bearings giving them an easy smooth motion. The pedals can be adjusted for height reach and spring loading, the clutch pedal can be adjusted to prevent over-stroking. The robust design means that only minimal maintenance would be required. Drive by wire throttle with either a Single Way Signal or Dual Way Signal potentiometer are available.

<b>1 PEDAL, ACCELERATOR PEDAL</b> PART NO: DESCRIPTION <b>OBP0047PR</b> PEDAL ONLY FLOOR MOUNT <b>OBP0047PT</b> PEDAL ONLY TOP MOUNT		<b>1 PEDAL, 1 M/CYL, 5:1 RATIO, BULKHEAD FIT</b> PART NO: DESCRIPTION <b>OBP0045PR</b> PEDAL ONLY, FLOOR MOUNT <b>OBP0046PR</b> AS 0045PR COMPLETE WITH M/CYL <b>OBP0045PRT</b> PEDAL ONLY, TOP MOUNT <b>OBP0046PRT</b> AS OBP0045PRT COMPLETE WITH M/CYL		<b>1 PEDAL, 1 M/CYL, 5:1 RATIO, COCKPIT FIT</b> PART NO: DESCRIPTION <b>OBP0045PRC</b> PEDAL ONLY, FLOOR MOUNT <b>OBP0046PRC</b> AS 0045PRC COMPLETE WITH M/CYL <b>OBP0045PRTC</b> PEDAL ONLY, TOP MOUNT <b>OBP0046PRTC</b> AS OBP0045PRTC COMPLETE WITH M/CYL	
<b>1 PEDAL, 2 M/CYL, 5:1 RATIO, BULKHEAD FIT</b> PART NO: DESCRIPTION <b>OBP0040PR</b> WITH BALANCE BAR, FLOOR MOUNT <b>OBP0041PR</b> AS 0040PR WITH 2 M/CYL <b>OBP0040PRT</b> WITH BALANCE BAR, TOP MOUNT <b>OBP0041PRT</b> AS 0041PRT WITH 2 M/CYL		<b>1 PEDAL, 2 M/CYL, 5:1 RATIO, COCKPIT FIT</b> PART NO: DESCRIPTION <b>OBP0040PRC</b> WITH BALANCE BAR, FLOOR MOUNT <b>OBP0041PRC</b> AS 0040PRC WITH 2 M/CYL <b>OBP0040PRTC</b> WITH BALANCE BAR, TOP MOUNT <b>OBP0041PRTC</b> AS 0040PRTC WITH 2 M/CYL		<b>2 PEDAL, 3 M/CYL, 5:1 RATIO, BULKHEAD FIT</b> PART NO: DESCRIPTION <b>OBP0160PR</b> PEDALS ONLY, FLOOR MOUNT <b>OBP0161PR</b> AS 0160PR INCLUDING BALANCE BAR <b>OBP0162PR</b> AS 0161PR INC B/BAR & 3 M/CYL <b>OBP0160PRT</b> PEDALS ONLY, TOP MOUNT <b>OBP0161PRT</b> AS 0160PRT INCLUDING BALANCE BAR <b>OBP0162PRT</b> AS 0161PRT INC B/BAR & 3 M/CYL	
<b>2 PEDAL, 3 M/CYL, 5:1 RATIO, COCKPIT FIT</b> PART NO: DESCRIPTION <b>OBP0160PRC</b> PEDALS ONLY, FLOOR MOUNT <b>OBP0161PRC</b> AS 0160PRC INCLUDING B/BAR <b>OBP0162PRC</b> AS 0161PRC INC B/BAR & 3 M/CYL <b>OBP0160PRTC</b> PEDALS ONLY, TOP MOUNT <b>OBP0161PRTC</b> AS 0160PRTC INCLUDING B/BAR <b>OBP0162PRTC</b> AS 0161PRTC INC B/BAR & 3 M/CYL		<b>3 PEDAL, 5:1 RATIO, BULKHEAD FIT</b> PART NO: DESCRIPTION <b>OBP0001PR</b> PEDALS ONLY, FLOOR MOUNT <b>OBP0002PR</b> AS 01PR INCLUDING BALANCE BAR <b>OBP0003PR</b> AS 02PR INCLUDING B/BAR, 3 M/CYL <b>OBP0001PRT</b> PEDALS ONLY, TOP MOUNT <b>OBP0002PRT</b> AS 01PRT INCLUDING BALANCE BAR <b>OBP0003PRT</b> AS 02 PRT INCLUDING B/BAR 3 M/CYL		<b>3 PEDAL, 5:1 RATIO, COCKPIT FIT</b> PART NO: DESCRIPTION <b>OBP0001PRC</b> PEDALS ONLY, FLOOR MOUNT <b>OBP0002PRC</b> AS 01PRC INCLUDING BALANCE BAR <b>OBP0003PRC</b> AS 02PRC INC B/BAR, 3 M/CYL <b>OBP0001PRTC</b> PEDALS ONLY, TOP MOUNT <b>OBP0002PRTC</b> AS 01PRCT INCLUDING BALANCE BAR <b>OBP0003PRTC</b> AS 02PRCT INC B/BAR, 3 M/CYL	

HYDRAULIC HANDBRAKES

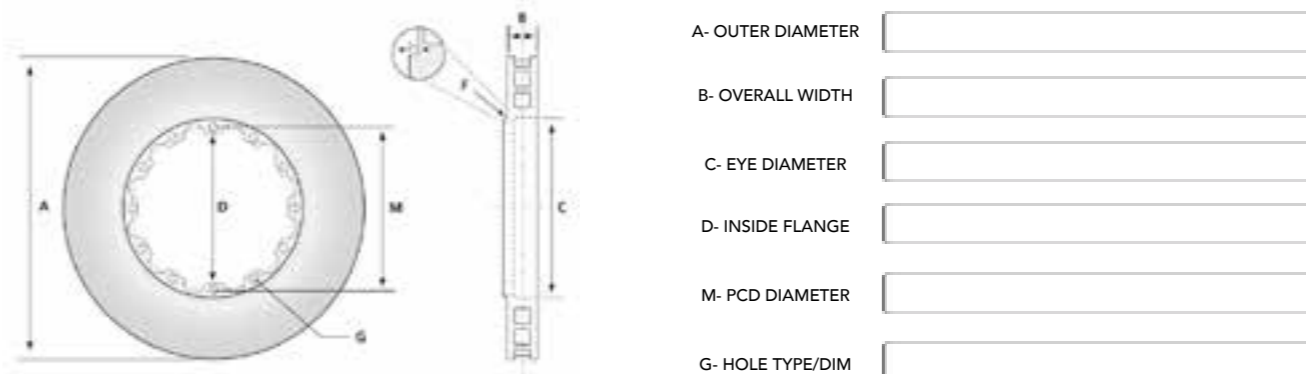
OBP Lightweight hydraulic handbrakes. Available with or without a locking mechanism, for use in rallying and drifting where a cable operated handbrake would not be suitable.

<b>HORIZONTAL HANDBRAKE</b> PART NO: DESCRIPTION <b>OBPHB001</b> NON LOCKING INCLUDES M/CYL <b>OBPHB001L</b> LOCKING INCLUDES M/CYL	<b>45 DEGREE HANDBRAKE</b> PART NO: DESCRIPTION <b>OBPHB002</b> NON LOCKING INCLUDES M/CYL <b>OBPHB002L</b> LOCKING INCLUDES M/CYL	<b>VERTICAL HANDBRAKE</b> PART NO: DESCRIPTION <b>OBPHB003</b> NON LOCKING INCLUDES M/CYL <b>OBPHB003L</b> LOCKING INCLUDES M/CYL



PFC DISCS

Raceparts (UK) Ltd is an official distributor of PFC Brakes. PFC discs and pads are 100% American manufactured in a state-of-the-art facility. PFC have won hundreds of championships around the world. PFC delivers quality and consistency you can bet your race on.



PFC PAD COMPOUNDS

<p><b>08</b> Compound</p> <p>08 compound has gained immediate favour in Endurance Sportscar and GT racing and also in endurance production car racing due to its performance in applications where smooth initial bite is a must. 08 has a slight friction rise with temperature with excellent release and modulation characteristics. Very low abraded disc wear with a fine grey slate like disc finish, similar to 01. Despite its considerable performance, 08 wears the longest of all PFC pads and easily matches wear of the other competitors with much higher bite. If temperature isn't an issue, 08 can be replaced with 12 compound. Typical Applications; Endurance, GT and endurance production car racing.</p>
<p><b>11</b> Compound</p> <p>11 Compound is a new generation sprint and medium distance friction providing the ultimate in control, with superior disc conditioning. 11 compound was developed from the 01 compound with improved bite, modulation, and release characteristics. It is ultra smooth and developed to reduce wheel locking at the end of a stop. For many applications, 11 will replace the venerable 01 compound. Typical applications; Ideal for use at medium-low grip venues where control and modulation is at a premium. Also in racing applications where ABS systems are used, 11 can be used in a large spectrum of temperature ranges. 11's wear is on a par with PFC's legendary 01 compound showing virtually zero taper wear when raced in a properly designed race caliper.</p>
<p><b>12</b> Compound</p> <p>12 Compound is a new generation endurance friction - excellent bite with 24 hour durability in its DNA and superior disc conditioning. 12 compound was developed from 08 Compound with improved wear, modulation and release characteristics. It provides the ultimate in low wear. The PFC. 12 Compound won in its debut race the 2013 Daytona 24hr overall winner. 12 compounds wear is lower than 08 when high temperatures is not an issue. Typical applications; Ideal use for endurance when low wear is at a premium. Also race applications where ABS systems are used. 12's wear is at its optimum when disc temperature paints show 450-500c operating temperatures but will operate at higher temperatures if called to. Virtually zero taper wear when raced in a properly designed race caliper.</p>
<p><b>13</b> Compound</p> <p>13 Compound is a new generation of ultimate high bite - high friction. 13 compound has been developed with increased bite, modulation, with superior disc conditioning and release characteristics for exceptional control. Ultra smooth and great for tracks with high grip or high downforce cars. It is the ultimate combination of high bite and infinite control. Typical Applications; Ideal use for sprint and severe applications, heavy, high speed applications or high downforce cars where high bite at the first 3rd of the stop is desired. 13's wear is on a par with PFC's legendary 01 compound and will operate at higher temperatures if called to as 13 has a very high threshold for fade resistance. Out of all the high bite, high torque pads in the market 13 has shown to have one of the lowest taper wear.</p>
<p><b>14</b> Compound</p> <p>14 Compound; Lower friction and slightly less bite than the majority of PFC Race compounds. 14 compound provides high thermal stability and consistency. Typical applications; Suitable for low grip applications and surfaces with treaded or street tyres.</p>
<p><b>Z-Rated</b> Compound</p> <p>Z-Rated; This compound has been developed for fast road / track day applications. It provides more stopping power and increased fade resistance over the std OE materials but retains the good qualities of the road pad i.e., low dusting and noise along with low wear rate. Typical applications; This compound can be used in OE calipers or aftermarket brake kits in applications where an increase in performance is required over the standard OE friction material.</p>





GALFER is a leading manufacturer of friction materials and components for braking systems within the automobile, motorcycle and bicycle sectors. Founded in 1952, they have been at the forefront of these sectors and are well known for producing innovative and quality products. To stay at the forefront of these sectors, the R&D department at GALFER works closely with top-level competition teams.

**GALFER COMPOUND INFO**

**1055 SPORT**

Compound developed for fast road and track day driving, powerful and progressive brake pad that doesn't fade with low to no-noise. Kind on discs and very effective with vast improvements over OE compounds. Produced for both axles, it can be used in the rear axle of front wheel drive competition vehicles for rallying and light circuit use. Also good for sprint and some hill climb applications.

Usage from 0°C to 550° C. Friction coefficient of above 0,44 μ.



**1066 RACING ORGANIC**

Organic semi-metallic compound developed for competition vehicles of the highest performance. Ideal for track use, rally and off-road. Also suitable for track day and fast road applications. Outstanding initial bite and braking modulation, it is GALFER's most popular compound due to its great versatility and low wear on brake discs. This compound replaces and improves GALFER 1065 RT, with a higher coefficient and 20% less wear as well as being more consistent at high temperatures. Ideal for single seater, (homologated by FIA F4 North and Spanish Championships) and recommended in hill climbing, sprint, tarmac (lightweight 2WD) and gravel (2WD & 4WD). Galfer's Shim noise stopper is recommended on street use. Important to bed in correctly by cooling and heating the brakes progressively.

Usage from 0°C to 700° C. Friction coefficient of 0,59 μ.



**1080 RACING CARBON-METALLIC**

Metallic/ceramic/carbon compound that gives a flat braking curvature of a linear shape, with a great coefficient level and easy braking modulation. Low consumption, making it a great option for semi-endurance races and Rally and Track use. Its thermal stability along the pad surface throughout the races are the main virtue of this pad and it is also very low wearing.

This compound has been remarkably successful in single seaters such as; F-3, Renault WS, Radical, CN, Osella, Norma, Climb Hill, ....due to its feel and power. 1080 has been used by winners in tarmac and gravel rallying from National level to WRC. Also suitable in touring cars when less aggressive braking is required.

Usage up to 800°C, Friction coefficient of 0,64μ



**1088 RACING CARBON-METALLIC**

Metallic/ceramic/carbonic compound that gives a ascending braking curvature, with a great coefficient level which gives a high initial deceleration and easy regressive braking modulation. Its thermal stability along the pads surface throughout the race is the pads main virtue. Recommended for aggressive and professional drivers. Multiple World Champion winner in WRC and the best choice in high level rallying.

World Champion in WTCC and a TCR winner. Perfect for touring car and tin top applications where aggressive braking is required. If you are a true pro driver in braking terms.... GALFER 1088 RX is your choice!! Also recommended for high level single seaters. Keeps the performances and stability during the race.

Usage up to 800°C, Friction coefficient of 0,69μ



**1090 RACING CARBON-METALLIC**

Metallic/ceramic/carbon compound that gives a ascending braking curvature, with a great coefficient level and easy braking modulation. Low consumption level, making it a great option for GT applications, endurance races and competition usage. Its thermal stability along the pads surface throughout the race is the pads main virtue. Remarkably successful in Endurance and Semi Endurance Competitions; 6/12 hours stints, depending on the car. GT, NASCAR, Australian V8, VLN (Nurburgring) winner, 24 hours Barcelona winner, 500 Kms Motorland Aragon winner, CER, Spa 6 hours. Recommended for all drivers.

Usage up to 800°C, Friction coefficient of 0,68μ



GALFER AUTO	Average Friction μ Coeficiente Friccion Promedio a 550°C	BITE	FADING	MODULABILITY	Wearing Consumo	Temp. Rating Temp. Fric. °C	Application Aplicaciones
1055 SPORT	0,350	5	4,5	7	8,2	550	Sprint Street / Trackday / Rear axle 2WD / Dirt
1066 / R	0,390	6	3,5	8	8,5	650	Sport Street / Trackday / Dirt
1066 / RT	0,410	7	2,5	9	7,5	670	Rallye / Formula / Rally / Trackday / Dirt
1066 / OR	0,440	8	2	8	6,4	680	Rallye WRC / Circuit / Finessit
1080 / RX	0,480	8	1,5	7	7	735	WTCC / TCR / Rallye / Nascar
1080 / RZ	0,420	7	2	8	5,1	685	GT / Light Endurance

**FERODO, MINTEX, HAWK & PAGID COMPOUNDS**



COMPOUND	DESCRIPTION
DS2500 (H)	DS2500 is amongst the foremost high performance track day pads. It is also suitable for some light duty front and many rear pure race applications. It offers excellent refinement for such a high performance pad. Average friction coefficient of 0.42 over working temperature range of 20°-500°C.
4003 (C)	Specifically designed for light inertia formula cars and occasionally rally use in rear axle of front traction cars. With a short bedding in time, excellent bite, low drag and good release. Average friction coefficient of 0.46 over working temperature range of 200°-450°C.
DS3000 (R)	DS3000 has set the braking standard as a heavy duty all round material choice. Approximately 50% quicker bedding-in time than other materials. Predictable in all conditions due to flat friction curve. Average friction coefficient 0.48 over working temperature range of 200°-650°C.
DS1.11 (W)	Top of the range, based upon a chemical family known as Siloxanes. Unlike carbon based materials, siloxane chains do not decompose at high temperatures and so DS1.11 keeps on working up to the highest temperatures and that means it won't fade and has excellent life. Performance remains the same throughout the pad's long life. Pad compression is very low so pedal travel is short and consistent. Heavy duty endurance material. Average friction coefficient 0.46 over working temperature range of 200°-700°C.
DSUNO (Z)	The sister compound to DS1.11, shares many of its characteristics. DSUNO pad life is slightly shorter than DS1.11 but has an extremely high bite and friction coefficient. Excellent disc life and condition, no fade and strong torque profile, good pad life, low off-brake/excellent release, unvarying performance throughout the pad life. Heavy duty semi endurance material, average friction coefficient 0.48 over working temperature range of 200°-700°C.



COMPOUND	DESCRIPTION
DTC70 (U)	Extremely high torque with aggressive controllable initial bite. Superior release and torque control characteristics. Brake pads designed for cars with high deceleration rates with or without down force. Optimal temperature range, 204-871°C.
DTC60 (G)	High torque with less initial bite than DTC 70. Superior release and torque control characteristics. Brake pads designed for cars with high deceleration rates with or without down force. Recommended for use with DTC-70 when split friction between front and rear axle is desired. Optimal temperature range, 204-871°C.
BLUE 9012 (E)	Medium torque and temperature compound with excellent brake modulation Road racing and Rally applications where low to mid temperature effectiveness is critical. Most popular club racing pad in the USA. Optimal temperature range, 121-538°C.
HT10 (S)	Intermediate to high torque with a smooth initial bite. Very consistent pedal feel. Excellent modulation and release characteristics. Intermediate torque, optimal temperature range, 149-871°C.
BLACK (M)	Medium torque and temperature compound designed to be a good, all-purpose low-cost racing brake pad. Good for rear brakes in front drive race applications. Low to intermediate torque for light duty racing. Optimal temperature range, 38-482°C.



COMPOUND	DESCRIPTION
M1144	A fast road car and light circuit use material of medium torque and positive pressure modulation with medium fade resistance. M1144 needs no more bedding than a standard road pad.
M1155	A Race-only material of medium torque, positive pressure modulation and high fade resistance. Suitable for Group A and Group N rally, dirt track and circuit use.
M1166	A medium torque racing only material with positive pressure modulation and high fade resistance. Suitable for Group A and Group N rally, dirt track and endurance circuit use.
F4R	Ultra high friction compound with very high initial torque. Designed specifically for applications with high down force or high grip. Designed to bed in more easily than other pads on the market for these applications. It has excellent modulation and is engineered for use in Group A and N rallying, GT and sports car racing, and club racing where weights are relatively high but discs and calipers are small.
F6R	F6R was formulated to address specific applications needing medium to low torque with a high temperature threshold. These applications are almost all rear axle applications for front wheel drive and live axle rear wheel drive applications. High heat tolerance with consistent repeatability were the two requirements for this formulation. Used in Nascar, Endurance racing, Group N, and touring car.



COMPOUND	DESCRIPTION
RSL1	New long-distance/endurance compound with very good pad and disc wear, as well as friction stability vs. temperature. Low pedal effort, slightly progressive in-stop behaviour but still good modulation.
RSL2	Based on RSL1. The friction level bridges the gap between RSL1 and RS29 but with improved pad and disc wear, as well as excellent friction stability vs. temperature. The base characteristics of low pedal effort, slightly progressive in-stop behaviour with good modulation have been retained.
RST1	High friction compound with very good initial bite and a progressive torque curve. Very fade resistant. Suitable for applications with high down-force and / or very high grip.
RST2	Medium to high friction and fade resistant compound with a mild progressive torque curve and good pedal feel. Recommended for GT and Touring Car racing on tracks where higher temperatures are an issue.
RST3	Medium to high friction metal-ceramic type compound with good initial bite and excellent modulation and release characteristics. Medium torque, fade resistant up to 800°C. Lowest thermal conductivity in the RST range.
RST4	Medium friction, high heat tolerance with consistent repeatability. Also used for rear axle applications FWD cars and on long oval racing where more aggressive materials would disturb the vehicle set up. Recommended for formula and open wheel racing.
RS14	Medium to high friction ceramic type compound with good initial bite, excellent release characteristic, very good modulation and controllability. Low wear rate and fade resistant up to 650°C. Newer compounds have replaced RS14 in some applications.
RS19	Low pad wear, very disc friendly, wide temperature range, yet most used pad in endurance racing. Due to excellent release characteristics and controllability also often used in shorter sprint races.
RS29	Low pad wear, very disc friendly, wide temperature range. Combines the outstanding wear rate of the RS19 with a slightly higher initial bite and torque.
RS42	Medium friction compound with immediate low temperature response. Very easy bedding process. Classic Rally pad and also very popular in small formula cars. Newer compounds have replaced RS42 in some applications.
RSH3 - HISTORIC	High friction metal-ceramic type compound, high initial bite and still excellent modulation and release characteristics. Consistently firm pedal at all temperatures, fade resistant up to 800°C, low thermal conductivity.
RSH42 - HISTORIC	Low to medium friction compound with immediate low temperature response. Very easy bedding process. Classic Rally pad and also very popular in small formula cars.
RSH29 - HISTORIC	Medium to high friction long distance compound with very good thermal stability in respect to friction, pad wear and disc wear. Low pedal effort, slightly progressive in-stop behaviour and good modulation. Excellent pad wear rate under endurance conditions, excellent disc life. Less aggressive than RSH 3 giving best possible brake balance, modulation and consistency of friction.



# Cooling System



## RADIATOR CAPS & NECKS

Raceparts are the UK distributor for stant racing radiator caps.



PART NO:	DESCRIPTION	PART NO:	DESCRIPTION	PART NO:	DESCRIPTION	PART NO:	DESCRIPTION	PART NO:	DESCRIPTION
10361	19-21LBS MOTORCYCLE	10371	18-22LBS RACING CAP	10330	13LBS LEV-R VENT CAP	10391	18-22LBS RACING CAP	RADCAP13	13LBS STD AUTO CAP
10362	22-24LBS MOTORCYCLE	10372	21-25LBS RACING CAP	10331	16LBS LEV-R VENT CAP	10392	21-25LBS RACING CAP	RADCAP16	16LBS STD AUTO CAP
10363	28-32LBS MOTORCYCLE	10373	28-32LBS RACING CAP	10381	18-22LBS RACING CAP	10393	28-32LBS RACING CAP	FN-001	RAD NECK MOTO SIZE
				10382	21-25LBS RACING CAP	10394	38-42LBS RACING CAP	FN-002	RAD NECK AUTO SIZE



## ELECTRIC WATER PUMPS

The revolutionary range of Davies, Craig's patented Electric Water Pumps are performance accessories suitable for most makes of engines. 2 models available. Designed to replace a vehicle's existing mechanical belt-driven water pump.

FOR MORE INFORMATION ON ANY OF THESE PRODUCTS PLEASE ASK



PART NO:	DESCRIPTION										
EWPC2	ELECTRIC CONTROLLER FOR EWP PUMPS - TURN PUMPS ON AND OFF AT REQUIRED TEMPERATURES										
PART NO:	OPERATING VOLTAGE	MAX CURRENT	FLOW RATE (MAX)	OPERATING TEMP	PUMP DESIGN	MOTOR LIFE	WEIGHT	PUMP MATERIAL	BURST PRESSURE	SEAL	FITS HOSE SIZES
EWP80	3V DC TO 15V DC	7.5A	80L/MIN @ 13.5V DC	-20 ° TO 130 °C	CLOCKWISE CENTRIFUGAL	3000HR @ 80 °C & 12V DC 6000HR WITH EWPC2	900G	NYLON 66, 30% GLASS FILLED	50 PSI	CERAMIC FACE SEAL	32MM TO 51MM
EWP115	3V DC TO 15V DC	10A	115L/MIN @ 13V DC	-40 ° TO 130 °C	CLOCKWISE CENTRIFUGAL	3000HR @ 80 °C & 12V DC 7000HR WITH EWPC2	980G	NYLON 66, 30% GLASS FILLED	72.5 PSI	CERAMIC FACE SEAL	38MM TO 51MM
PART NO:	OPERATING VOLTAGE	MAX CURRENT	FLOW RATE (MAX)	OPERATING TEMP	PUMP DESIGN	MOTOR LIFE	WEIGHT	PUMP MATERIAL	BURST PRESSURE	MOTOR	FITS HOSE SIZES
EBP	9V DC TO 15V DC	1.3A	15L/MIN @ 10KPA	-40 ° TO 120 °C	RE-CIRCULATING CENTRIFUGAL	15'000HR @ 80 °C CONTINUOUS	245G	NYLON 66, 30% GLASS FILLED	36 PSI	12V BRUSH LESS	12.5MM TO 19MM



## RACEPARTS COMPETITION ENGINE PREHEATER

A complete engine water preheater system to bring a competition engine up to optimum temperature before starting the engine. This increases engine life and stops unnecessary wear and tear on engine components.

The Raceparts preheater kit is packaged in a waterproof high strength polymer carry case and comes complete with a 240v 3kw pre-primed heater/pump unit, integral 3 pin RCD (residual current device) plug with socket holder, Aeroquip dry break fittings\*, 2.5m long feed/return hoses, a sight gauge and an adjustable 0-90°C thermostat restricted to 55°C .

Foreign adaptors for the 3 pin plug can be provided if required.

\* The male 1/2NPT weld on fittings must be fitted in the vehicles cooling system either side of the engine, one at the lowest point in the hose between the water pump and radiator and the other fitted between the swirl pot and radiator.

PART NO:	DESCRIPTION
HEATBOX-3AQP	COMPLETE ENGINE PREHEATER KIT AS DESCRIBED ABOVE
FBM1153	REPLACEMENT DRY BREAK (RED) ALUMINIUM WITH 1/2NPT FEMALE THREAD
RTWO1/2	REPLACEMENT ALUMINIUM WELD ON 1/2NPT MALE THREAD



## OUR SUPPLIERS



## COOLING SYSTEM

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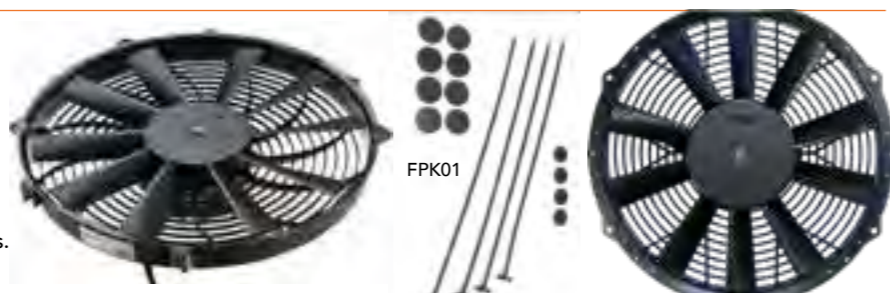
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COOLING FANS

Revotec Comex fans have been designed and produced as a premium product at a sensible price. The new Revotec Comex fans are available in puller/sucker or pusher/blower options. The fans combine quality, durability, performance and price to offer unbeatable value. The fans are lightweight, high output with each motor having sealed bearings and balanced blades. Waterproof to IP66/IP68 and rated for continuous use with lifetimes of 5,000 to 30,000hrs.



SLIMLINE FANS						
PART NO:	FAN TYPE	FAN DIAMETER	FAN DEPTH	FLOW M3/H	CURRENT DRAW	WEIGHT (GMS)
REV0329	PULLER	167MM (6.6")	59MM	560	7.8 AMPS	1052
REV0326	PUSHER	167MM (6.6")	59MM	450	6.9 AMPS	1052
REV0091	PULLER	190MM (7.5")	53MM	700	5.9 AMPS	1198
REV0092	PUSHER	190MM (7.5")	53MM	600	5.8 AMPS	1198
REV0608	PULLER	225MM (9.0")	53MM	1180	7.6 AMPS	1132
REV0127	PUSHER	225MM (9.0")	53MM	1130	7.0 AMPS	1132
REV0220	PULLER	255MM (10")	55MM	1580	7.3 AMPS	1220
REV0221	PUSHER	255MM (10")	55MM	1520	7.1 AMPS	1220
REV0089	PULLER	280MM (11")	53MM	1620	7.9 AMPS	1254
REV0110	PUSHER	280MM (11")	53MM	1650	7.7 AMPS	1254
REV0606	PULLER	305MM (12")	53MM	1890	7.1 AMPS	1294
REV0056	PUSHER	305MM (12")	53MM	1860	7.2 AMPS	1294

FAN MOUNTING KITS

**Flush type:** Designed to mount the fan as close as possible to the radiator without damaging the core. Supplied in pairs with nuts and washers.  
**Universal type:** Laser cut alloy fan mounting brackets for simple and easy installation. 200mm leg. Supplied in pairs with bolts, nuts and washers.

PART NO:	DESCRIPTION
FM225	9" FLUSH MOUNT
FM255	10" FLUSH MOUNT
FM280	11" FLUSH MOUNT
FM305	12" FLUSH MOUNT
FM330	13" FLUSH MOUNT
FM350	14" FLUSH MOUNT
FM385	15.2" FLUSH MOUNT



PART NO:	DESCRIPTION
FB225	9" UNIVERSAL KIT
FB255	10" UNIVERSAL KIT
FB280	11" UNIVERSAL KIT
FB305	12" UNIVERSAL KIT
FB330	13" UNIVERSAL KIT
FB350	14" UNIVERSAL KIT
FB385	15.2" UNIVERSAL KIT



ELECTRONIC FAN CONTROLLERS

Revotec have developed this simple unit using the latest technology, components & assembly methods. The controller switches on at an adjustable temperature setting and off when the temperature has dropped by 3°C. It gives a direct & rapid response to water temperature and has a variable control range from 70° to 120°. The unit is simple to install in the coolant hose and is adjusted by a dial on the unit. Supplied with relay and loom. Override switch must be used with Revotec fan controller.

PART NO:	DESCRIPTION
EFC25	TO FIT 25MM HOSE
EFC28	TO FIT 28MM HOSE
EFC32	TO FIT 32MM HOSE
EFC35	TO FIT 35MM HOSE
EFC38	TO FIT 38MM HOSE
EFC45	TO FIT 45MM HOSE
EFCM22	M22 EXTERNAL THREAD
EFCM14	M14 EXTERNAL THREAD
EFC3/8BSP-EXT	3/8BSP EXTERNAL THREAD
EFC1/8NPT-EXT	1/8NPT EXTERNAL THREAD
SW-BLK	FAN OVERRIDE SWITCH



INLINE BLOWER FAN

Highly efficient light weight and robust inline ducting fans for connection directly to 3"/76mm and 4"/102mm ducting. Fan bodies are anodised aluminium, fan blades are laser cut in aluminium pressed and balanced. The motors are fitted with electrical suppression and voltage stabilised to ensure perfect operation and longevity.

PART NO:	DESCRIPTION
DF03	INLINE BLOWER FAN 76MM
DF04	INLINE BLOWER FAN 102MM



FAN ACCESSORIES

Fan feet (supplied as singles) designed for fan mounting.

Pull Through Kits perfect for Motorsport applications or for fans under 12".

Installation kits for when installing without a Revotec Electronic Fan Controller, each kit comes complete with relay and loom, Fan Pull Through Kit and Tie Wraps.

Earth Kit, the simple solution for earthing a Comex fan.

PART NO:	DESCRIPTION
FF0001	L 22X3.6MM NOT FOR 13"&14"
FF0004	L 5.5X10.8MM NOT FOR 13"&14"
FF0005	L 22X9.0MM NOT FOR 13"&14"
FF0018	H WITH FITTINGS NOT FOR 13"&14"
FF0013	L 22X8.4MM FOR 13"&14" FANS
FF0014	L 22X8.7MM FOR 13"&14" FANS
FF0015	L 27X12.6MM FOR 13"&14" FANS
FPK01	FAN PULL THROUGH KIT
FIK01	INSTALLATION KIT
FKEARTH	EARTH KIT



DUCTING HOSE

Available in 2m or 4m lengths each length of ducting features an external locking cord and internal bronze coated spiral spring to maintain its form. For Black single ply Neoprene ducting -50 to 150C add B to part number or for Orange single ply Silicone ducting -80 to 310C add R to part number. Some sizes are also available in twin ply.

PART NO:	SIZE	PART NO:	SIZE	PART NO:	SIZE
685-25	25MM I.D	685-63	63MM I.D	685-102	102MM I.D
685-32	32MM I.D	685-65	65MM I.D	685-114	114MM I.D
685-38	38MM I.D	685-69	69MM I.D	685-127	127MM I.D
685-44	44MM I.D	685-76	76MM I.D	685-140	140MM I.D
685-51	51MM I.D	685-80	80MM I.D	685-152	152MM I.D
685-57	57MM I.D	685-83	83MM I.D	685-178	178MM I.D
685-60	60MM I.D	685-89	89MM I.D	685-203	203MM I.D

AIR INTAKE DUCTS

High density ducts designed for maximum air flow.

PART NO:	ROUND/RECTANGULAR SIZE
ID145	145MM OD ROUND INLET, 63MM OUTLET
ID150-75	150MM X 75MM RECTANGULAR INLET, 63/76MM OUTLET
ID150-75O5	SAME AS ABOVE WITH OFFSET OUTLET
ID152-51	152MM X 51MM RECTANGULAR INLET, 51MM OUTLET
ID152-51O5	AS ABOVE, WITH OFFSET OUTLET
ID255-80	255MM X 80MM RECTANGULAR INLET, 63/76MM OUTLET
ID190-45	190MM X 45MM RECTANGULAR INLET, 51MM OUTLET
ID225-25	225MM X 25MM RECTANGULAR INLET, 63MM OUTLET

PART NO:	SIDE AIR SCOOP
IDS1B	BLACK DUCT 100X200MM INLET, 63/51MM OUTLET
IDS1C	CLEAR DUCT 100X200MM INLET, 63/51MM OUTLET
IDS2B	BLACK DUCT 120X240MM INLET, 76/63MM OUTLET
IDS2C	CLEAR DUCT 120X240MM INLET, 76/63MM OUTLET

PART NO:	NACA DUCT
IN1BLK	BLACK 2 PIECE NACA DUCT 63MM OUTLET
IN1C	CLEAR 2 PIECE NACA DUCT 63MM OUTLET
IN2BLK	BLACK 2 PIECE NACA DUCT 76MM OUTLET
IN2C	CLEAR 2 PIECE NACA DUCT 76MM OUTLET

PART NO:	GT SCOOPS
GTS-1BLK	BLACK 2 PIECE SCOOP 63/51MM OUTLET
GTS-1C	CLEAR 2 PIECE SCOOP 63/51MM OUTLET
GTS-2BLK	BLACK 2 PIECE SCOOP 76/63MM OUTLET
GTS-2C	CLEAR 2 PIECE SCOOP 76/63MM OUTLET



OIL COOLER DUCTS

High quality oil cooler air ducts for 13, 16 & 19 row oil coolers.

PART NO:	DESCRIPTION
OCD13	13 ROW COOLER DUCT - BRACKET KIT 76/63MM STEP INLET
OCD16	16 ROW COOLER DUCT - BRACKET KIT - 89/76MM STEP INLET
OCD19	19 ROW COOLER DUCT - BRACKET KIT 63MM X 2 INLETS
OCD13-PK	13 ROW COOLER DUCT - PULL THROUGH 70MM INLET
OCD16-PK	16 ROW COOLER DUCT - PULL THROUGH 70MM INLET
OCD19-PK	19 ROW COOLER DUCT - PULL THROUGH 70MM INLET



DUCTING HOSE REDUCERS

Engineered in aluminium, these lightweight reducers are designed for simple matching of air intake systems and ducting diameters. Two step reducers have an overall length of 80mm and Three step overall length is 145mm.

PART NO:	SIZE REDUCTION (TWO STAGE)
AR 60-50	ALUMINIUM REDUCER 60>50MM
AR 63-50	ALUMINIUM REDUCER 63>50MM
AR 63-60	ALUMINIUM REDUCER 63>60MM
AR 70-50	ALUMINIUM REDUCER 70>50MM
AR 70-60	ALUMINIUM REDUCER 70>60MM
AR 70-63	ALUMINIUM REDUCER 70>63MM
AR 76-50	ALUMINIUM REDUCER 76>50MM
AR 76-60	ALUMINIUM REDUCER 76>60MM
AR 76-63	ALUMINIUM REDUCER 76>63MM
AR 76-70	ALUMINIUM REDUCER 76>70MM
AR 80-70	ALUMINIUM REDUCER 80>70MM
AR 89-70	ALUMINIUM REDUCER 89>70MM
AR 89-76	ALUMINIUM REDUCER 89>76MM
AR 89-80	ALUMINIUM REDUCER 89>80MM
AR102-76	ALUMINIUM REDUCER 102>76MM
AR 102-89	ALUMINIUM REDUCER 102 > 89MM
AR 114-89	ALUMINIUM REDUCER 114 > 89MM



PART NO:	SIZE REDUCTION (THREE STAGE)
AHR76/51	ALUMINIUM REDUCER 76>63>51MM
AHR89/63	ALUMINIUM REDUCER 89>76>63MM
AHR102/79	ALUMINIUM REDUCER 102>89>76MM

ALUMINIUM AIR OUTLETS

Spun aluminium outlet for maximum air flow. Designed for easy fitting to back plate. Approximately 15mm wide flange.

PART NO:	HOSE	PART NO:	HOSE
AO51	51MM	AO76	76MM
AO63	63MM	AO89	89MM
AO70	70MM	AO102	102MM



ALUMINIUM AIR INLETS

Plain aluminium air inlet for maximum air flow. Designed for easy fitting to back plate. Approximately 15mm wide flange. Die cut aluminium inlet gauzes available separately.

PART NO:	HOSE	PART NO:	HOSE
AI51	51MM	AI76	76MM
AI63	63MM	AI89	89MM
AI70	70MM	AI102	102MM



JOINING SLEEVES

Used to join ducting to ducts. Supplied in pairs. Adhesive lined to give a strong, light, neat, waterproof and vibration proof join.

PART NO:	SIZE	Shrink ratio of 3:1
JS70	70MM	JS90 reduces to 30mm
JS90	90MM	
JS115	115MM	



DUCTING CLAMPS

Ducting clamps, steps over duct to give perfect clamping.

PART NO:	SIZE MM	PART NO:	SIZE MM
DC51	47-55	DC76	74-82
DC63	60-68	DC89	84-92
DC70	68-76	DC102	98-105



DUCTING MOUNTS

Pressed and shaped anodised black aluminium mounts for securely mounting ducting. Supplied with tie wrap.

PART NO:	HOSE	PART NO:	HOSE
DM51	51MM	DM89	89MM
DM63	63MM	DM102	102MM
DM76	76MM		



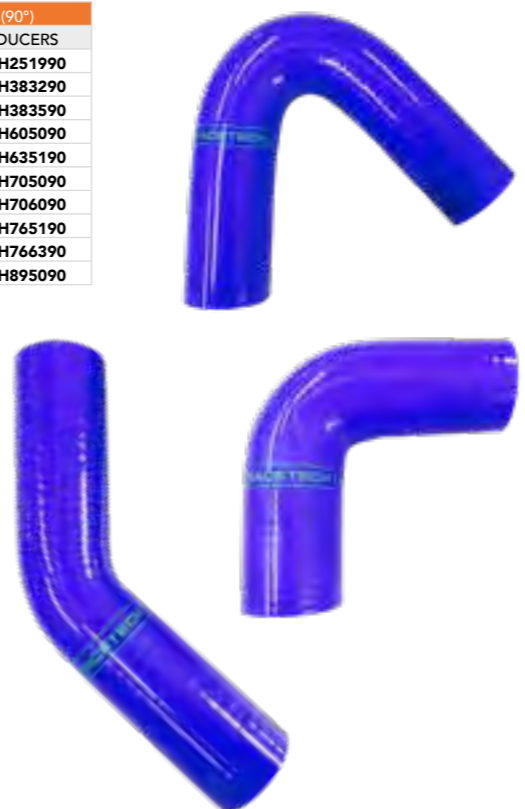




**RACETECH BLUE SILICONE HOSE**

Racetech hose is made from polyester reinforced 3 ply 0.5MM thick Silicone. It can be used for coolant, heating and low temperature turbo charger systems. It's working temperature range is -50°C to + 170°C and it's bursting pressure range is 120-500 PSI for standard 3 ply, although more plies can be used in construction for thicker, stronger walls.

INTERNAL DIAMETER	(1M) STRAIGHT	(45°) ELBOW	(90°) ELBOW	(135°) ELBOW	STRAIGHT REDUCERS	(90°) REDUCERS
6.5	RTSH6.5S	RTSH6.54S	RTSH6.590	RTSH6.513S	RTSH1916S	RTSH251990
8	RTSH8S	RTSH84S	RTSH890	RTSH813S	RTSH2216S	RTSH383290
9.5	RTSH9.5S	RTSH9.54S	RTSH9.590	RTSH9.513S	RTSH2219S	RTSH383590
11	RTSH11S	RTSH114S	RTSH1190	RTSH1113S	RTSH2519S	RTSH605090
13	RTSH13S	RTSH134S	RTSH1390	RTSH1313S	RTSH3219S	RTSH635190
16	RTSH16S	RTSH164S	RTSH1690	RTSH1613S	RTSH3225S	RTSH705090
19	RTSH19S	RTSH194S	RTSH1990	RTSH1913S	RTSH3525S	RTSH706090
22	RTSH22S	RTSH224S	RTSH2290	RTSH2213S	RTSH3532S	RTSH765190
25	RTSH25S	RTSH254S	RTSH2590	RTSH2513S	RTSH3828S	RTSH766390
28	RTSH28S	RTSH284S	RTSH2890	RTSH2813S	RTSH3832S	RTSH895090
32	RTSH32S	RTSH324S	RTSH3290	RTSH3213S	RTSH3835S	
35	RTSH35S	RTSH354S	RTSH3590	RTSH3513S	RTSH4538S	
38	RTSH38S	RTSH384S	RTSH3890	RTSH3813S	RTSH5138S	
41	RTSH41S	RTSH414S	RTSH4190	RTSH4113S	RTSH5145S	
45	RTSH45S	RTSH454S	RTSH4590	RTSH4513S	RTSH5751S	
48	RTSH48S	RTSH484S	RTSH4890	RTSH4813S	RTSH6351S	
51	RTSH51S	RTSH514S	RTSH5190	RTSH5113S	RTSH6357S	
54	RTSH54S	RTSH544S	RTSH5490	RTSH5413S	RTSH7050S	
57	RTSH57S	RTSH574S	RTSH5790	RTSH5713S	RTSH7060S	
60	RTSH60S	RTSH604S	RTSH6090	RTSH6013S	RTSH7063S	
63	RTSH63S	RTSH634S	RTSH6390	RTSH6313S	RTSH7651S	
70	RTSH70S	RTSH704S	RTSH7090	RTSH7013S	RTSH8070S	
76	RTSH76S	RTSH764S	RTSH7690	RTSH7613S	RTSH8369S	
80	RTSH80S	RTSH804S	RTSH8090	---	RTSH8879S	
83	RTSH83S	RTSH834S	RTSH8390	---	RTSH8970S	
89	RTSH89S	RTSH894S	RTSH8990	---	RTSH8980S	
102	RTSH102S	RTSH1024S	RTSH10290	---	RTSH10276S	



Racetech silicone hoses are also available with a fluoro lining for oil & fuel applications or in nomex for high temperature applications. Wire reinforced hoses are also available in straight lengths for increased flexibility & they will not collapse under vacuum. Please call for more details.

**RACETECH BLACK WRAP HOSES**

Racetech black wrap silicone hose was developed for applications where blue is unsuitable. This hose is made from the same modern silicon construction and has the same properties as the blue hose but with the appearance of old rubber hose. Available in the same range of sizes and bends as the blue hose and is ideal for historic and vintage cars. To order black wrap hose use RTBH rather than RTSH for the part number.

EXAMPLE PART NUMBERS BELOW.

INTERNAL DIAMETER	(1M) STRAIGHT	(45°) ELBOW	(90°) ELBOW	(135°) ELBOW
13	RTBH13S	RTBH134S	RTBH1390	RTBH1313S
16	RTBH16S	RTBH164S	RTBH1690	RTBH1613S
19	RTBH19S	RTBH194S	RTBH1990	RTBH1913S
22	RTBH22S	RTBH224S	RTBH2290	RTBH2213S
25	RTBH25S	RTBH254S	RTBH2590	RTBH2513S
28	RTBH28S	RTBH284S	RTBH2890	RTBH2813S
32	RTBH32S	RTBH324S	RTBH3290	RTBH3213S
35	RTBH35S	RTBH354S	RTBH3590	RTBH3513S
38	RTBH38S	RTBH384S	RTBH3890	RTBH3813S
41	RTBH41S	RTBH414S	RTBH4190	RTBH4113S
45	RTBH45S	RTBH454S	RTBH4590	RTBH4513S
48	RTBH48S	RTBH484S	RTBH4890	RTBH4813S
51	RTBH51S	RTBH514S	RTBH5190	RTBH5113S
54	RTBH54S	RTBH544S	RTBH5490	RTBH5413S
57	RTBH57S	RTBH574S	RTBH5790	RTBH5713S
60	RTBH60S	RTBH604S	RTBH6090	RTBH6013S
63	RTBH63S	RTBH634S	RTBH6390	RTBH6313S
70	RTBH70S	RTBH704S	RTBH7090	RTBH7013S
76	RTBH76S	RTBH764S	RTBH7690	RTBH7613S



**HOSE JOINERS**

Aluminium hose joiners are ideal where two silicone or rubber hoses need joining. All joiners from 13 to 38mm O.D are 50mm in length, joiners from 40 to 75mm O.D are 70mm.

PART NO:	SIZE O.D	PART NO:	SIZE O.D
JOI 13	13MM	JOI 45	40MM
JOI 16	16MM	JOI 48	48MM
JOI 19	19MM	JOI 50	50MM
JOI 22	22MM	JOI 54	54MM
JOI 25	25MM	JOI 57	57MM
JOI 28	28MM	JOI 63	63MM
JOI 30	30MM	JOI 68	68MM
JOI 32	32MM	JOI 70	70MM
JOI 35	35MM	JOI 75	75MM
JOI 38	38MM	JOI 80	80MM
JOI 40	45MM	JOI 89	89MM



**HOSE ADAPTORS & TEMP TAKE-OFFS**

Aluminium hose adaptors with temperature gauge take-off. Available with 5/8UNF, 3/8BSP, 1/8NPT, M10 x 1.0 M12x1.5 & M14x1.5 threads. Please note: for different threads change suffix on part number. For male take-off's to suit the hose adaptors please see table with part numbers starting HAT.



PART NO:	HOSE ADAPTOR DESCRIPTION
HA25 3/8	25MM JOINER 3/8 BSP FEMALE
HA28 3/8	28MM JOINER 3/8 BSP FEMALE
HA30 3/8	30MM JOINER 3/8 BSP FEMALE
HA32 3/8	32MM JOINER 3/8 BSP FEMALE
HA35 3/8	35MM JOINER 3/8 BSP FEMALE
HA38 3/8	38MM JOINER 3/8 BSP FEMALE
HA45 3/8	45MM JOINER 3/8 BSP FEMALE

PART NO:	TAKE OFF DESCRIPTION
HAT 8	3/8 BSP TO 8MM TAKE OFF
HAT 10	3/8 BSP TO 10MM TAKE OFF
HAT 13	3/8 BSP TO 13MM TAKE OFF
HAT 16	3/8 BSP TO 16MM TAKE OFF
HAT 19	3/8 BSP TO 19MM TAKE OFF
HAT 25	3/8 BSP TO 25MM TAKE OFF

**SELF-SEALING FITTINGS**

Engineered to solve the problem of teeing into water & air hoses. This unique design forms a perfect seal. Each kit is supplied with a hole punch, a self sealing insert, a self sealing washer, a threaded hose tail or nut and an o-ring.

PART NO:	DESCRIPTION
SST01	PUSH ON TAKE OFF KIT FOR 5MM I.D HOSE S/S
SST8K	PUSH ON TAKE OFF KIT FOR 8MM I.D HOSE ALLY
SST10K	PUSH ON TAKE OFF KIT FOR 10MM I.D HOSE ALLY
SST13K	PUSH ON TAKE OFF KIT FOR 13MM I.D HOSE ALLY
SST16K	PUSH ON TAKE OFF KIT FOR 16MM I.D HOSE ALLY
SST25K	PUSH ON TAKE OFF KIT FOR 25MM I.D HOSE ALLY
SST M5	M5 INTERNAL THREAD S/S
SST M10	M10 X 1 INTERNAL THREAD ALLY
SST 1/8	1/8 NPT INTERNAL THREAD
SST 3/8	3/8 BSP INTERNAL THREAD
SST1/4	1/4NPT INTERNAL
SSTM12	M12 X 1.5 INTERNAL
SSTM14	M14 X 1.5



**ALUMINIUM INTERCOOLER/WATER PIPES**

Aluminium Intercooler/Water pipes, constructed from T6061 aluminium each mirror polished unit is 1.5mm thick. Available in straight, 30, 45, 60, 90, 120 & 180 degree bends. Straight lengths are 450mm in length.

PART NO:	DESCRIPTION
IAP 38	38MM O.D
IAP 45	45MM O.D
IAP 51	51MM O.D
IAP 57	57MM O.D
IAP 64	64MM O.D
IAP 70	70MM O.D
IAP 76	76MM O.D
IAP 89	89MM O.D
IAP 102	102MM O.D



**ALLOY HEADER TANKS**

Professionally made alloy header tanks, all made in the UK from 2mm alloy and are very lightweight.

PART NO:	CAPACITY	SIZE MM	DESCRIPTION
OBPHE001	1.5 LITRE	200(H)X100(DIA)	HORIZONTAL ROUND, STANDARD RAD NECK, 10MM INLET 18MM OUTLET
OBPHE002	1.5 LITRE	200(H)X100(DIA)	VERTICAL ROUND, STANDARD RAD NECK 10MM INLET 18MM OUTLET
OBPHE003	4 LITRE	150(H)X150(W)X150(D)	SQUARE, 36MM FILLER WITH SCREW CAP, 10MM INLET 10MM OUTLET
OBPHE004	4 LITRE	150(H)X150(W)X150(D)	SQUARE, STANDARD RAD NECK, 10MM INLET 10MM OUTLET
OBPHE005	1.5 LITRE	200(H)X100(DIA)	VERTICAL ROUND, STANDARD RAD NECK 18MM INLET 10MM OUTLET



**ALLOY WATER SWIRL POTS**

Professionally made alloy water swirl pots, all made in the UK. Reduces air pockets and temperature in the cooling system.

PART NO:	CAPACITY	SIZE MM	DESCRIPTION
OBPWS001	1 LITRE	195(H)X65(DIA)	ROUND, 32MM INLET 32MM OUTLET, 8MM BLEED PIPE
OBPWS002	1 LITRE	195(H)X65(DIA)	ROUND, 32MM INLET 32MM OUTLET, 8MM BLEED PIPE
OBPWS003	1 LITRE	195(H)X65(DIA)	ROUND 32MM INLET 32MM OUTLET, RADIATOR NECK





# Drivetrain



## OUR SUPPLIERS



## DRIVETRAIN

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 FOR TRANSMISSION FLUID SEE PAGES 52-55  
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 FOR DRYBREAK CONNECTORS SEE PAGES 88-89\*  
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## HEWLAND GEARBOXES & SPARES

Hewland Engineering is the world's leading producer of racing transmissions for motor sport. The company's vast range of technical experience gained over 50 years together with up to date manufacturing technology enables them to work in all levels of motor racing, from Formula Ford to Formula 1. Raceparts has been a Hewland distributor for 35 years. All Hewland gearboxes and spares are available from Raceparts.



MK9 FT200 FGC DG300 LD 200

RATIOS							
INTEGRAL LAYSHAFT							
GEARBOX	CLUTCH RING	GEAR TYPE					CWP
		1ST	2ND	3RD	4TH	5TH	
DG	FT or DG	DG	DG	DG	DG	DG	DG
DGB/DGC	DGB	DGN	DGN	DGN	DGN	DGN	DGB/DGC
F3	HC	MK5	MK5	MK5	MK5	MK5	F3
F3A/NST	HC	F3A	F3W	MK5	MK5	MK5	F3
FG	FT or DG	FT	FT	FT	FT	FT	FG
FGA	DG	FT	FT	FT	FT	FT	DG
FGB/FGC	DG	FT	FT	FT	FT	FT	FGB
FT	FT or DG	FT	FT	FT	FT	FT	FT
FVL	HC	MK5	MK5	MK5	MK5	MK5	HC8
HD4	FT & HD	HD4	HD4	HD4	HD4	-	FT
HD5	FT & HD	HD5	HD5	HD5	HD5	HD5	FT
LD 4 SPEED	LD	LD	LD	LD	LD	-	LD
MK8/9 4 SPEED (1" LAYSHAFT)	HC	MK8-4	MK8	MK8	MK8	-	HC8
MK8/9 5 SPEED (1" LAYSHAFT)	HC	MK8-5	MK8	MK8	MK8	MK8	HC8
MK8/9 5 SPEED (1-1/8" LAYSHAFT)	HC	MK5	MK5	MK5	MK5	MK5	HC8
VG/VGC	VG	VG	VG	VG	VG	VG	VG5/VGC
SLIDE ON LAYSHAFT							
GEARBOX	CLUTCH RING	GEAR TYPE					CWP
		1ST	2ND	3RD	4TH	5TH	
LD 4 SPEED	LD	LD	LD	LD	LD	LD	LD
LD 5 SPEED	LD	LD	LD	LD	LD	LD	LD 5
MK8/9 4 SPEED (1" LAYSHAFT)	HC	MK8	MK8	MK8	MK8	-	HC8
MK8/9 5 SPEED (1" LAYSHAFT)	HC	MK8	MK8	MK8	MK8	MK8	HC8
LG500 4 SPEED	LG	LG4	LG	LG	LG	-	LG4
LG600 5 SPEED	LG	LG5	LG	LG	LG	LG	LG5



RATIOS CLUTCH RINGS



CWP'S



OTHER SPARES



## GENUINE METALASTIK DRIVE COUPLINGS

These provide torsional and axial flexibility in the drive shaft system. Accommodating axial as well as universal movements these couplings reduce loads on gearbox casing and bearings and obviate the need for sliding splines.

The rubber elements in the coupling are compressed by the fitting of a steel retaining band which is discarded after assembly and this important design feature ensures maximum fatigue life. Also, metal interleaves bonded into the rubber elements provide increased torque capacity.

PART #	PCD"	FIXING HOLE	WIDTH	APPLICATIONS
10-00644-01	3.78"	0.45"	1.83"	LOTUS ELAN, HILLMAN IMP, HEWLAND MK4,5,6
10-00645-01	4.40"	0.52"	1.84"	TRIUMPH GT6
10-00642-01	5.25"	0.64"	2.25"	HEWLAND FT, MK8/9
10-01085-01	5.25"	0.64"	2.75"	GT40





CLUTCHES



CP6001 - 140MM, SINGLE PLATE, SINTERED, LUG DRIVE, 8 BOLT, STEEL COVER		
CLUTCH PART NO:	COLOUR	MAX TORQUE
CP6001-OH90-SF	ORANGE	157NM (116LB/FT)
CP6001-CH90-SF	GREY	210NM (155LB/FT)
DRIVE PLATES	TYPE	QUANTITY
CP3407-**FM3	BACK/BACK EXT	1



CP6002 - 140MM, TWIN PLATE, SINTERED, LUG DRIVE, 8 BOLT, STEEL COVER		
CLUTCH PART NO:	COLOUR	MAX TORQUE
CP6002-OH90-SF	ORANGE	314NM (232LB/FT)
CP6002-CH90-SF	GREY	420NM (310LB/FT)
DRIVE PLATES	TYPE	QUANTITY
CP3414-**FM3	BACK/BACK	2



CP6003 - 140MM, TRIPLE PLATE, SINTERED, LUG DRIVE, 8 BOLT, STEEL COVER		
CLUTCH PART NO:	COLOUR	MAX TORQUE
CP6003-OH90-SF	ORANGE	471NM (348LB/FT)
CP6003-CH90-SF	GREY	630NM (465LB/FT)
DRIVE PLATES	TYPE	QUANTITY
CP3414-**FM3	BACK/BACK	3



CP7371 - 184MM, SINGLE PLATE, SINTERED, LUG DRIVE, 6 BOLT, STEEL COVER		
CLUTCH PART NO:	COLOUR	MAX TORQUE
CP7371-NE90-SF	GREEN	164NM (121LB/FT)
CP7371-OE90-SF	ORANGE	266NM (196LB/FT)
CP7371-CE90-SF	GREY	424NM (313LB/FT)
DRIVE PLATES	TYPE	QUANTITY
CP2012-***FM3	BACK/BACK	1
CP4429-***FM3	4 PADDLE	1



CP7372 - 184MM, TWIN PLATE, SINTERED, LUG DRIVE, 6 BOLT, STEEL COVER		
CLUTCH PART NO:	COLOUR	MAX TORQUE
CP7372-NE90-SF	GREEN	327NM (241LB/FT)
CP7372-OE90-SF	ORANGE	532NM (392LB/FT)
CP7372-CE90-SF	GREY	848NM (625LB/FT)
DRIVE PLATES	TYPE	QUANTITY
CP2012-***FM3	BACK/BACK	2
CP2567-***FM3	NESTED	2



CP7373 - 184MM, TRIPLE PLATE, SINTERED, LUG DRIVE, 6 BOLT, STEEL COVER		
CLUTCH PART NO:	COLOUR	MAX TORQUE
CP7373-NE90-SF	GREEN	491NM (362LB/FT)
CP7373-OE90-SF	ORANGE	798NM (588LB/FT)
CP7373-CE90-SF	GREY	1272NM(938LB/FT)
DRIVE PLATES	TYPE	QUANTITY
CP2012-***FM3	BACK/BACK	3
CP2822-***FM3	GEAR DRIVEN	3



CP2116 - 184MM, SINGLE PLATE, SINTERED, A-RING DRIVE, 6 BOLT, STEEL COVER		
CLUTCH PART NO:	COLOUR	MAX TORQUE
CP2116GRN	GREEN	164NM (121LB/FT)
CP2116ORA	ORANGE	266NM (196LB/FT)
CP2116CRV	GREY	424NM (313LB/FT)
DRIVE PLATES	TYPE	QUANTITY
CP2012-***FM3	BACK/BACK	1
CP4429-***FM3	4 PADDLE	1



CP2125 - 184MM, TWIN PLATE, SINTERED, A-RING DRIVE, 6 BOLT, STEEL COVER		
CLUTCH PART NO:	COLOUR	MAX TORQUE
CP2125GRN	GREEN	327NM (341LB/FT)
CP2125ORA	ORANGE	532NM (392LB/FT)
CP2125CRV	GREY	848NM (625LB/FT)
DRIVE PLATES	TYPE	QUANTITY
CP2012-***FM3	BACK/BACK	2
CP2567-***FM3	NESTED	2



CP2817 - 184MM, TRIPLE PLATE, SINTERED, A-RING DRIVE, 12 BOLT, ALUMINIUM COVER		
CLUTCH PART NO:	COLOUR	MAX TORQUE
CP2817AGRN	GREEN	394NM (291LB/FT)
CP2817AORA	ORANGE	631NM (465LB/FT)
CP2817ACRV	GREY	978NM (721LB/FT)
DRIVE PLATES	TYPE	QUANTITY
CP2012-***FM3	BACK/BACK	3
CP2822-***FM3	GEAR DRIVEN	3



CP7381 - 184MM, SINGLE PLATE, CERAMETALLIC, LUG DRIVE, 6 BOLT, STEEL COVER		
CLUTCH PART NO:	COLOUR	MAX TORQUE
CP7381-NE80-SF	GREEN	160NM (118LB/FT)
CP7381-OE80-SF	ORANGE	259NM (191LB/FT)
CP7381-CE80-SF	GREY	413NM (305LB/FT)
DRIVE PLATES	TYPE	QUANTITY
CP8300-A0**H	3 PADDLE	1
CP8400-A0**H	4 PADDLE	1



CP7382 - 184MM, TWIN PLATE, CERAMETALLIC, LUG DRIVE, 6 BOLT, STEEL COVER		
CLUTCH PART NO:	COLOUR	MAX TORQUE
CP7382-NH80-SF	GREEN	263NM (194LB/FT)
CP7382-OH80-SF	ORANGE	421NM (310LB/FT)
CP7382-CH80-SF	GREY	636NM (469LB/FT)
DRIVE PLATES	TYPE	QUANTITY
CP8300-A0**H	3 PADDLE	2
CP8400-A0**H	4 PADDLE	2



CARBON CLUTCHES SMALL EXAMPLE OF OPTIONS			
PART NO:	CLUTCH	PLATES	TYPE
CP7142.*	140MM	2	S/SEATER
CP7143.*	140MM	3	TOURING CAR
CP7543.*	140MM	3	GT
CP7223.*	140MM	3	ENDURANCE
CP8792.*	184MM	2	WTTT
CP8039.*	184MM	2	WRC



DRIVE PLATES



CP2012-OUTER



CP2567-P/PLATE



CP2567-F/WHEEL



CP8300-3 PADDLE



CP8400-4 PADDLE

		NO. OF TEETH	10	10	10	10	10	10	17	20	21	21	22	23	24	24	26	26	GEAR DRIVE SLIDERS
		SPLINE SHAFT OD	0.875"	1"	1.125"	1.25"	29MM	20MM	0.875"	24MM	29MM	1"	1"	0.8"	1"	22	1.16"		
140 MM	CP3407 (EXT HUB)	-37	-57	-4	-	-8	-	-26	-63	-61	-	-36	-51	-	-	-40	-		
	CP3414 (BACK/BACK)	-30	-	-20	-37	-25	-43	-18	-21	-27	-40	-10	-	-32	-50	-19	-		
	CP2012 (OUTER)	-208	-164	-117	-174	-199	-184	-166	-161	-191	-192	-165	-167	-154	-216	-171	-		
184 MM	CP2012 (CENTRE)	-	-	-169	-172	-244	-	-179	-	-240	-220	-178	-	-210	-	-173	-		
	CP2567 (F/WHEEL)	-	-35	-15	-	-29	-	-7	-33	-	-41	-23	-37	-	-11	-			
	CP2567 (P/PLATE)	-	-36	-16	-	-30	-	-8	-34	-	-42	-24	-38	-	-12	-			
184 MM	CP2822 (3 PLATE)	-	-	-3	-27	-29	-	-20	-36	-	-	-23	-	-32	-	-41	-	CP2822	
	CP2822 (2 PLATE)	-	-	-17	-	-15	-	-11	-	-	-	-10	-13	-	-14	-	-	-31	
184 MM	CP8300 (3 PADDLE)	-A001	-A002	-A004	-	-A008	-A017	-A026	-A030	-A033	-A034	-A036	-A037	-A038	-A043	-A040	-		
	CP8400 (4 PADDLE)	-A001	-A002	-A004	-	-A008	-A017	-A026	-A030	-	-A034	-A036	-A037	-A038	-A043	-A040	-		

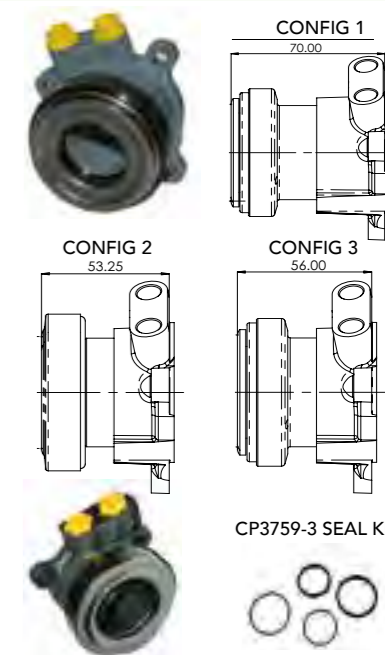
SLAVE CYLINDERS

CP6859 - CONCENTRIC SLAVE CYLINDER, M10X1.0 PORTS					
CYL PART NO:	FULCRUM	MAX STROKE	BEARING	ROTATING RACE	BRG CONFIG
CP6859-38	38.0MM	18.0MM	CP3457-16	INNER	1
CP6859-45	45.0MM	18.0MM	CP3457-19	INNER	1
CP6859-50	50.0MM	18.0MM	CP3457-11	INNER	1
CP6859-54	54.0MM	18.0MM	CP3457-6	INNER	1
CP6859-1245	45.0MM	12.0MM	CP3457-19	OUTER	2
CP6859-1250	50.0MM	12.0MM	CP3457-9	OUTER	2
CP6859-1254	54.0MM	12.0MM	CP3457-10	OUTER	2
CP6859-1238-IN	38.0MM	12.0MM	CP3457-16	INNER	3
CP6859-1245-IN	45.0MM	12.0MM	CP3457-19	INNER	3
CP6859-1250-IN	50.0MM	12.0MM	CP3457-11	INNER	3
CP6859-1254-IN	54.0MM	12.0MM	CP3457-6	INNER	3

REPLACEMENT SEAL KIT: CP3759-3

CP3959 - CONCENTRIC SLAVE CYLINDER, M12X1.0 PORTS					
CYL PART NO:	FULCRUM	MAX STROKE	BEARING	ROTATING RACE	BRG CONFIG
CP3959-38	38.0MM	18.0MM	CP3457-16	INNER	1
CP3959-50	50.0MM	18.0MM	CP3457-11	INNER	1
CP3959-54	54.0MM	18.0MM	CP3457-6	INNER	1
CP3959-1250	50.0MM	12.0MM	CP3457-9	OUTER	2
CP3959-1254	54.0MM	12.0MM	CP3457-10	OUTER	2

REPLACEMENT SEAL KIT: CP3759-3



MOUNTING STUDS

CP4702 - 5/16UNF & M8X1.0 STUD SERIES			
STUD LENGTH	PART NO:	STUD LENGTH	PART NO:
40.0MM	CP4702-400	57.5MM	CP4702-575
42.5MM	CP4702-425	60.0MM	CP4702-600
45.0MM	CP4702-450	62.5MM	CP4702-625
47.5MM	CP4702-475	65.0MM	CP4702-650
50.0MM	CP4702-500	67.5MM	CP4702-675
52.5MM	CP4702-525	70.0MM	CP4702-700
55.0MM	CP4702-550	72.5MM	CP4702-725

ADD U FOR 5/16UNF & M FOR M8X1.0 TO END OF PART #.



RELEASE BEARINGS

CP3457 - (TO SUIT LISTED CLUTCHES AND SLAVE CYLINDERS)			
PART NO:	ROTATION	CLUTCH	BEARING ID
CP3457-16	INNER	115MM	32.75MM
CP3457-1	OUTER	140MM	35.00MM
CP3457-9	OUTER	140MM	40.00MM
CP3457-11	INNER	140MM	32.75MM
CP3457-2	OUTER	184MM	35.00MM
CP3457-6	INNER	184MM	32.75MM
CP3457-10	OUTER	184MM	40.00MM

THE BEARINGS HAVE STEEL CAGES AND HARDENED STEEL SHELLS FOR DURABILITY.



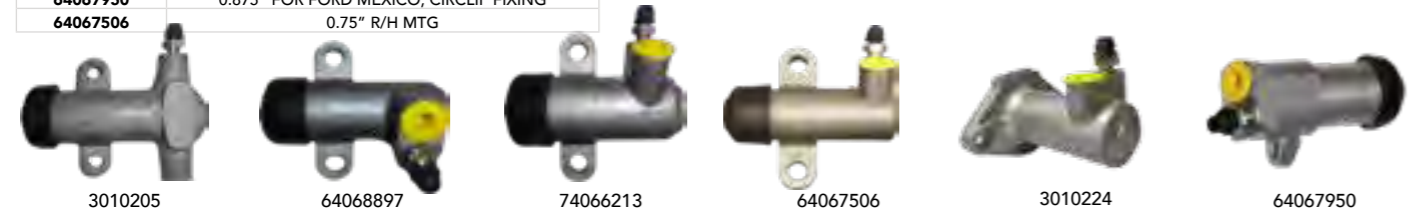




SLAVE CYLINDERS & REPAIR KITS

Genuine Girling slave cylinders as used on many Racecars and OE applications since the 1960's.

SLAVE CYLINDERS		SLAVE CYLINDER REPAIR KITS	
PART NO:	DESCRIPTION	PART NO:	DESCRIPTION
64068897	0.875" FOR HEWLAND FG G/BOX, L/H MTG	SP2001	REPAIR KIT FOR 0.75 S/CYL
74066213	0.875" FOR HEWLAND MK9/FT G/BOX, R/H MTG	SP2029	REPAIR KIT FOR 0.875 S/CYL
3010205	0.875" UNIVERSAL MTG	SP2204	REPAIR KIT FOR 'MEXICO' S/CYL
3010224	0.875" FOR COBRA/TIGER/ASTON MARTIN		
64067950	0.875" FOR FORD MEXICO, CIRCLIP FIXING		
64067506	0.75" R/H MTG		



RACETECH UNIVERSAL JOINTS

RACETECH MILITARY SPEC JOINT

Racetech military specification universal joints are pin and block friction bearing joints, precisely designed and manufactured to heavy duty military specification (mil/j/6193) for the aerospace industry. These are suitable for use in gearbox linkages where low deflection rates, good strength-to-weight ratio and long service life are essential. Material - AISI 4142 CrMo steel with Cadmium plating.



PART NO:	OD JOINT	OD BOOT	ID	LENGTH	MAX ANGLE	FAILURE TORQUE
RTUJ B10	0.625"	1.130"	0.500"	2.750"	30°	1080 LB-IN
RTUJ B12	0.750"	1.250"	0.625"	3.187"	30°	1900 LB-IN
RTUJ B14	0.875"	1.500"	0.750"	3.625"	30°	3000 LB-IN
RTUJ B16	1.000"	1.550"	0.812"	4.062"	30°	4700 LB-IN

RACETECH HOOKES TYPE UNIVERSAL JOINT

The Racetech hookes type universal joints are pin and block friction bearing joints. The single pin and block universal joint is manufactured from high grade alloy steel for increased durability and better performance than standard industrial grade models. All components are heat treated, precision machined and ground to close tolerances. Material - AISI 1144 Alloy Steel.



PART NO:	OD JOINT	OD HUB	ID	LENGTH	MAX ANGLE	FAILURE TORQUE
RTUJ1	0.870"	0.870"	0.500"x 0.500"	2.125"	35°	2000 LB-IN
RTUJ2	0.870"	0.870"	0.500"x 0.625"	2.125"	35°	2000 LB-IN

RACETECH NEEDLE BEARING TYPE UNIVERSAL JOINT

Racetech needle bearing universal joints are cross and bearing needle bearing joints, precisely designed and manufactured and fitted with pre-lubricated needle bearings for longer life and durability. Designed to maintain low backlash for critical positioning applications except for steering. Material - AISI 1144 fatigue proof alloy steel.



PART NO:	OD JOINT	OD HUB	ID	LENGTH	MAX ANGLE	FAILURE TORQUE
RTUJNB10	1.250"	0.875"	0.500"	3.188"	35°	3000 LB-IN
RTUJNB12	1.250"	0.875"	0.625"	3.188"	35°	3000 LB-IN
RTUJNB14	1.250"	1.000"	0.750"	3.188"	35°	3000 LB-IN
RTUJNB	1.250"	1.250"	BLANK	3.188"	35°	3000 LB-IN

RACETECH NEEDLE BEARING TYPE STEERING UNIVERSAL JOINT

Racetech needle bearing universal joints are cross and bearing needle bearing joints with CrMo steel yokes, precisely designed and manufactured and fitted with pre-lubricated needle bearings for longer life and durability. Designed to maintain low backlash for critical positioning applications including steering. Material - AISI 4130 CrMo Steel.



PART NO:	OD JOINT	OD HUB	ID	LENGTH	MAX ANGLE	FAILURE TORQUE
RTUJNSB10	1.570"	1.130"	0.500"	3.750"	35°	4200 LB-IN
RTUJNSB12	1.570"	1.130"	0.625"	3.750"	35°	4200 LB-IN
RTUJNSB14	1.570"	1.130"	0.750"	3.750"	35°	4200 LB-IN
RTUJNSB	1.570"	1.130"	BLANK	3.750"	35°	4200 LB-IN

SADDLE WASHERS (TO SUIT MIL SPEC RTUJ JOINTS)

Standard flat washers do not present a proper bearing surface when used to bolt tubing joints. This can result in damage to the washer or to the tubing, which eventually allows the bolt to loosen. Our plated steel saddle washers are profiled to be a precise fit on the OD of our BOOT TYPE universal joints.

PART NO:	DESCRIPTION	SUGGESTED CROSS BOLT
RTUJSW10	1/2" TO SUIT RTUJ B10	NAS1303-11
RTUJSW12	5/8" TO SUIT RTUJ B12	NAS1303-13
RTUJSW14	3/4" TO SUIT RTUJ B14	NAS1303-17



DRIVESHAFTS

GKN Motorsport driveshafts are extensively used in the top echelons of motorsport and are made to order. They can be manufactured as a solid shaft or a gun drilled hollow shaft with bore diameters ranging from 12.5mm to 20mm. Splines are rolled up to a shoulder which the CV joint can be pushed up to, eliminating the need for spacers. Please send drawing or request spec sheet for quotation.



CV JOINTS

GKN Motorsport plunging CV joints offer significant weight reduction, cooler running temperatures & enhanced joint life & performance able to cope with the most demanding motorsport applications.

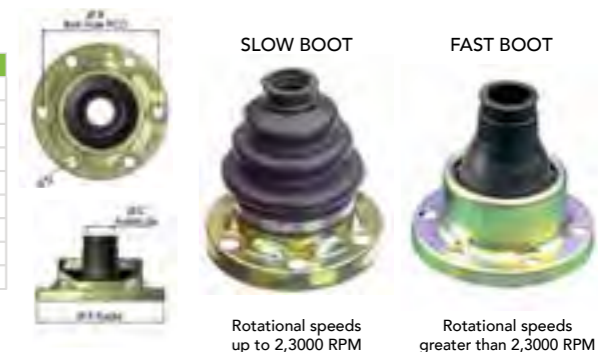
CONSTANT VELOCITY JOINTS							DESCRIPTION
PART NO:	A	B	D	C	PLUNGE (MM)	Z	
MS3J001	94	78	8	32	+/- 8	33	STANDARD FORMULA FORD (301116)
MS3J003	94	78	8	32	+/- 8	33	LIGHTWEIGHT & EASY-MOTION TO SUIT FORMULA FORD
MS3K001	100	86	10	32	+/- 14	25	LIGHTWEIGHT & EASY-MOTION WRC COSWORTH (MIN ORDER X10)
MS3K020	100	86	8	32	+/- 8	25	LIGHTWEIGHT & EASY-MOTION, STANDARD DUTY APPLICATIONS
MS3K023	100	86	8	32	+/- 8	25	STANDARD JOINT FOR STANDARD DUTY APPLICATIONS (21561)
MS3K025	100	86	10	32	+/- 8	25	STANDARD JOINT FOR STANDARD DUTY APPLICATIONS
MS3K031	100	86	8	32	+/- 8	33	LIGHTWEIGHT & EASY-MOTION, STANDARD DUTY APPLICATIONS
MS3K032	100	86	10	32	+/- 8	28	STANDARD HEAVY DUTY JOINT WITH NEW BALL HUB
MS3K036	100	86	10	32	+/- 8	25	LIGHTWEIGHT & EASY-MOTION, STANDARD DUTY APPLICATIONS
MS3K037	100	86	10	32	+/- 8	25	LIGHTWEIGHT & EASY-MOTION, HEAVY DUTY APPLICATIONS
MS3K038	100	86	8	32	+/- 8	25	LIGHTWEIGHT & EASY-MOTION, STANDARD DUTY APPLICATIONS
MS3N014	108	94	10	40	+/- 14	28	LIGHTWEIGHT & EASY MOTION, DEEP PLUNGE
MS3N020	108	94	10	32	+/- 8	28	ENDURANCE JOINT, CONTOURED OUTER RACE
MS3N042	108	94	10	32	+26 - 22	28	STANDARD JOINT, EXTRA DEEP PLUNGE, WIDE BALL HUB
MS3N044	108	94	10	32	+/- 13	28	LIGHTWEIGHT & EASY MOTION, DEEP PLUNGE
MS3N045	108	94	10	32	+/- 20	28	LIGHTWEIGHT & EASY MOTION, DEEP PLUNGE, WIDE BALL PLUNGE
K3018B	108	94	10	32	+/- 14	28	STANDARD JOINT, DEEP PLUNGE (C153150199050)
K3018	108	94	10	40	+/- 14	28	STANDARD JOINT, DEEP PLUNGE (7153150105581)
MS3S001	115	100	12	32	+/- 8	30	STANDARD JOINT
MS3S002	115	100	12	32	+/- 8	30	CONTOURED OUTER RACE FOR HEAT REDUCTION, PORSCHE GT2/3
MS3S024	128	108	12	46	+/-12	33	CONTOURED OUTER RACE JOINT, DEEP PLUNGE



BOOTS

GKN Motorsport boots are maximised for performance and durability.

PART NO:	A	B	C	D	DESCRIPTION
MS6J002	93	80	22	8.2	FAST BOOT FOR 94MM OD TRIPOD/CV JOINT
26053	93	80	22	8.2	SLOW BOOT FOR 94MM OD TRIPOD/CV JOINT
MS6K024	99	86	22	8.2	FAST BOOT FOR 100MM OD CV JOINT
6153129600029	99	86	22	8.2	SLOW BOOT FOR 100MM OD CV JOINT
MS6N001	107	94	22	10.2	FAST BOOT FOR 108MM OD CV JOINT
MS6N011	107	94	22	10.2	FAST BOOT FOR 108MM CV JOINT (HIGH ANGLE)
6153159600176	107	94	22	10.2	SLOW BOOT FOR 108MM CV JOINT
MS6S008	114	100	25	10.2	SLOW BOOT FOR 115MM CV JOINT
6153219600001	128	108	28	12.2	SLOW BOOT FOR 128MM CV JOINT



Rotational speeds up to 2,3000 RPM | Rotational speeds greater than 2,3000 RPM

TRIPODE JOURNALS

Tripode joints offer extremely low plunging forces and greater efficiency while operating at higher angles. GKN offer a wide range of tripod journals.

PART NO:	A	L	Z	DESCRIPTION
MS3H001	29.95	23.5	22	G169 TRIPOD
MS3H002	29.95	23.5	30	G169 TRIPOD
MS3H005	35.50	27	24	G126001 TRIPOD
MS3H006	30.42	24	21	G17001 TRIPOD
MS3H007	33.90	26.6	23	G123001 TRIPOD
MS3M009	46.65	TBC	27	AAR41001 TRIPOD
MS3M001	33.90	30	27	G182 TRIPOD
MS3M002	33.90	29.2	27	G182 TRIPOD - SHOT PEENED
MS3M008	38.00	29.2	26	G133001 TRIPOD



JOINT GREASES

GKN Motorsport greases help reduce power losses and increase durability, while offering low friction and wear properties and a wide thermal operating range.

PART NO:	DESCRIPTION
XP580	350G CV GREASE
XP595	350G TRIPODE GREASE



TRIPODE HOUSINGS

Tripode housings can be produced from forgings or from solid material & can be designed to utilise a lobro style bolt pattern making cv to tripod switch simple, or alternatively a "plug in" variant.

PART NO:	B	C	D	E	DESCRIPTION
MS9H007	78	40	8	90/94	SUITS G169 TRIPOD
MS9H010	78	32	8	90/94	SUITS G169 TRIPOD
MS9M01-040	94	40	10	108	SUITS G182 TRIPOD



B - PCD | C - WIDTH | D - HOLE SIZE | E - OD

# Electrical



## OUR SUPPLIERS



## ELECTRICAL

REV LIMITERS & SHIFT LIGHTS	35
ODYSSEY BATTERIES & BRACKETS, DEKA BATTERIES AND CTEK CHARGERS	36
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TYRAPS SEE PAGE 67  
FOR CABLE INSULATION/PROTECTION SEE PAGES 70-71  
FOR BATTERY HEAT BARRIER SEE PAGE 72  
HEATSHRINK SEE PAGE 73



Omex microprocessor based rev limiters and shift lights feature their method of calibration where rev limit or shift point is set independently of the car's tachometer, eliminating instrument error. Digital timing ensures response within 1 engine revolution. The unit measures 82mm x 40mm x 22mm, is flame-retardant, and has a safety feature which prevents changes from being made while the engine is running. All shift lights are compatible with 2, 4, 6 and 8 cylinder engines, distributorless ignition and CDi systems with a tacho output.

### REV LIMITER CLUBMAN

This rev limiter provides one of the smoothest engine cuts of any aftermarket system available, featuring user-selectable hard or soft cut. The shift point can be set from 1,000 RPM to 20,000 RPM (2 & 4 cylinder), 12,000 RPM (6 cylinder) and 10,000 RPM (8 cylinder). Not suitable for CDi ignition systems. This system is also available with LAUNCH CONTROL. This is an additional lower rev limit (operated by a push-button) for reducing wheel-spin at the start line. The button is waterproof and it can be mounted on the steering wheel, dashboard or gear knob.

### SHIFT LIGHT SEQ PRO

The SEQUENTIAL system has 4 high-power coloured LEDs in an external unit. The LEDs light incrementally as the shift point is approached, and can be programmed to light at intervals of between 0 and 600 RPM per LED from the shift point. The shift point can be set from 2,000 RPM to 20,000 RPM (2 & 4 cylinder and distributorless ignition systems), 12,000 RPM (6 cylinder) and 10,000 RPM (8 cylinder). The PRO system uses an ultra-bright, dash-mounted LED. The shift point can be set from 1,000 RPM to 20,000 RPM (2 & 4 cylinder and distributorless ignition systems), 12,000 RPM (6 cylinder) and 10,000 RPM (8 cylinder).



### SPEED SYSTEM

The Speed System combines a rev limiter and shift light, and uses an external ultra-bright 10mm LED which can be dash-mounted. The system uses Omex soft-cut technology and operates from 3,000 RPM to 20,000 RPM (2 & 4 cylinder), 12,000 RPM (6 cylinder) and 10,000 RPM (8 cylinder). Not suitable for CDi ignition systems.

PART NO:	DESCRIPTION
RLC	REV LIMITER CLUBMAN
RLCT	REV LIMITER CLUBMAN TWIN COIL
RLCLC	REV LIMITER CLUBMAN WITH LAUNCH CONTROL
RLCLCT	REV LIMITER CLUBMAN WITH LAUNCH CONTROL, TWIN COIL
SLS	SHIFT LIGHT SEQUENTIAL
SLP	SHIFT LIGHT PRO
SYS	SPEED SYSTEM SINGLE COIL
SYST	SPEED SYSTEM TWIN COIL



Armtech Motorsport Electronics products use the latest microprocessor technology, giving high reliability and ease of use. Rev limiters and the Speed Shift System are user adjustable to any engine speed up to 54,000 sparks/minute, and are compatible with all 12 volt, negative earth contact breaker systems, optical breaker systems, transistorised and ECU ignition systems. Rev limiters use the Intelligent Misfire System for smooth, safe limiting action.

### REV LIMITERS

Armtech rev limiters are precisely controlled to provide effective protection against over-revving of performance engines. The unit is easy to install and allows the rev limit speed to be set quickly at any time. The system can be supplied as a coil-mounted kit, or a panel/bulkhead-mounted kit. The rev limiter is also available with the Full Throttle Gear Shift Facility, allowing the driver to change gear without lifting off the throttle (this system is panel-mounted).

### SPEED SHIFT

The Speed Shift provides Full Throttle Gear Shifts, shift Up (red) and shift Down (green) lights and a rev limiter. The Full Throttle Gear Shift Function allows for engine speed to be precisely maintained and for quicker gear shifts. The system is easy to install and the four functions are simply set up at the touch of a button. This system can be enhanced with a launch control Switch.

### HYBRID BATTERY ISOLATOR

This product was designed with an emphasis on reliability and high power capacity. The unit is compact, rainproof, shockproof and it can be chassis mounted, so long lengths of high current cable are not necessary. Capacities: 1000 amps instantaneous, 250 amps sustained.

### SHIFT LIGHT

Features an integral, remote mounting ultra-bright light as well as an output driver for any other indicator or 12 volt alarm or buzzer. User adjustable to any engine speed up to 54,000 sparks/minute. The shift speed is quickly set at any time, using one finger and with the engine running at 1/2 shift speed.



### LAUNCH CONTROL SWITCH

A steering wheel mounted, waterproof push-button switch, providing an extra manual rev limiter to reduce wheel-spin off the start line when used in conjunction with the Speed Shift or a rev limiter.

PART NO:	DESCRIPTION
15RL01	REV LIMITER COIL MOUNTED
15RL02	REV LIMITER PANEL MOUNTED SINGLE COIL
15RL03	REV LIMITER PANEL MOUNTED TWIN COIL
15RL04	REV LIMITER FULL THROTTLE SINGLE COIL
15RL05	REV LIMITER FULL THROTTLE TWIN COIL
10SS01	SPEED SHIFT SINGLE COIL
10SS02	SPEED SHIFT TWIN COIL
80LC01	LAUNCH CONTROL SWITCH
20SL01	SHIFT LIGHT
70BC06	BATTERY ISOLATOR

## CTEK BATTERY CHARGERS

CTEK's unparalleled innovation has enabled it to develop cutting-edge technology with several patented functions and properties that make CTEK battery chargers and accessories unique. CTEK offers the market high-quality, reliable chargers and accessories.

PART NO:	DESCRIPTION	CHARGING CURRENT	CHARGER TYPE	BATTERY CAPACITY
MXS3.8	ALL ROUND CHARGER WITH PATENTED FLOAT/PULSE MAINTENANCE	3.8A	7 STEP AUTO	1.2-80AH
MXS5.0	ADVANCED CHARGER WITH UNIQUE BATTERY/ALTERNATOR TESTING	5.0A	8 STEP AUTO	1.2-110AH
MXS7.0	POWERFUL CHARGING FOR SLIGHTLY LARGER BATTERIES	7.0A	8 STEP AUTO	14-150AH
MXS10.0	PROFESSIONAL TECHNOLOGY CHARGER IN CONSUMER FORM	10.0A	8 STEP AUTO	20-200AH







**ODYSSEY EXTREME RACING BATTERIES**

Odyssey batteries feature a rugged construction with tightly packed pure lead plates, the non-spillable AGM design protects against the shock & vibration that can quickly destroy other batteries. Pure lead plates means more power, three times the life of conventional batteries. Specifically for motor racing, the advantages include;

- Non-spillable-design (can be mounted in a variety of ways)
- Protected from high impact shock & mechanical vibration
- Capable of 100% recharge in 4-6 hours
- Operating temperatures from -40°C to + 40°C
- With service life of 3-10 years they save time & money



**CHARGING INFORMATION**

BATTERIES ARE DISPATCHED IN A CHARGED CONDITION BUT A SHORT CHARGE IS RECOMMENDED BEFORE USE. BATTERIES MUST NEVER BE LEFT IN A DISCHARGED STATE. BATTERIES MUST NOT BE BOOST CHARGED UNDER ANY CIRCUMSTANCES

PART NO:	OLD PART NO:	AH RATING	WEIGHT KG	DIMENSIONS LXWXH (MM)	CRANKING CURRENT 20°C	TERMINALS
PC310	ER 8	7	2.7	138X86X101	310A	M4 BOLT
PC370	ER 15	14	5	200X77X140	370A	M6 STUD
PC535	ER 18	13	5.4	170X99X157	535A	M6 BOLT
PC545	ER 20	14	4.9	176X84X130	545A	M6 BOLT
PC625	ER 22	18	6	169X99X174	625A	M6 STUD
PC680	ER 25	18	6.1	182X77X168	680A	M6 BOLT
PC950	ER 30	26	9	250X97X156	950A	M6 STUD
PC925	ER 35	28	11.8	169X179X128	925A	M6 BOLT
PC1100	ER 40	38	12.5	250X97X206	1100A	M6 STUD
ER 60	ER 60	51	17.5	220X121X260	1230A	M6 STUD

**ODYSSEY BATTERY CHARGERS**

The ODYSSEY® Battery charger range has been designed to optimise the performance and life of ODYSSEY Batteries. The chargers are fully automatic for optimal charging with 7, 17 and 30 Amp model options. Also IP67 classified (waterproof for outdoor use), nonsparking, polarity protected & short-circuit proof.

PART NO:	DESCRIPTION	CHARGING CURRENT	LENGTH, WIDTH HEIGHT MM	WEIGHT
P0053021	7A, 12V CHARGER SUITABLE FOR UP TO PC950 WITH CROCODILE CLIPS	7.0A	155X80X43	1.1KGS
P0056022	17A, 12V CHARGER SUITABLE FOR ALL RACING ODYSSEY WITH CROCODILE CLIPS	17.0A	198X98X47	1.7KGS
P0056023	30A, 12V CHARGER SUITABLE FOR ALL RACING ODYSSEY WITH CROCODILE CLIPS	30.0A	198X98X47	1.7KGS



**LIGHTWEIGHT BATTERY BRACKETS**

They are made from lightweight aluminium with excess material removed in further weight saving. They are strong and sturdy, ideal for motorsport applications.

PART NO:	PART NO:	PART NO:
ER 8-BB	ER 20-BB	ER 30-BB
ER 15-BB	ER 22-BB	ER 40-BB
ER 18-BB	ER 25-BB	ER 60-BB



**BATTERY BOXES**

Smooth moulded plastic battery boxes available in red or carbon look finish.

PART NO:	DESCRIPTION
BBL	STANDARD RED BOX
BBL CL	STANDARD CARBON LOOK
BBLF30	ER 30 LAY DOWN RED
BBLF30CL	ER 30 LAY DOWN CARBON LOOK



Internal dimensions: L 260mm x W 175mm x H 220mm



L 270mm x W 175mm x H 95mm

**DEKA RACING BATTERIES**

Deka produce high quality heavy duty batteries intended for use in Motorsport, they have various innovative design features that set them apart from normal racing batteries. Calcium positive and negative full-frame power path grids, providing the highest possible cranking amps and lowest self discharge for off season storage. Tear resistant glass matt, leakproof pressurized venting system, heat sealed cover and valve regulated maintenance free design, just some of the features that make these batteries stand the test of time.

PART NO:	CCA @ 0°F	10 A.H RATING	WEIGHT		LENGTH		WIDTH		HEIGHT		
			LBS	KG	IN.	MM	IN.	MM	IN.	MM	
ETX12	180	10	9.4	4.3	5 7/8	150	3 7/16	88	5 1/8	130	
ETX15L	190	14	11	5	5 1/4	134	3 1/2	90	6 5/9	166	
ETX16L	275	19	17	7.7	6 7/8	175	4	100	6 1/8	155	
ETX18L	300	20	18	8.2	8 1/8	206	3 9/16	91	6 3/8	163	
ETX20L	270	17.5	15.5	7	6 7/8	177	3 7/16	88	6 1/8	155	
ETX30L	365	26	21.7	9.8	6 5/8	168	5 3/16	131	6 7/8	176	
CWBS1			DEKA BATTERY CHARGER - 12V 10A								



**SUPER B LITHIUM RACING BATTERIES**

Super B Lightweight Lithium Ion batteries are designed to replace the much heavier lead/acid batteries. Super B batteries are based on Lithium Iron Phosphate technology and is the safest Lithium Ion technology available. The specially designed casing and electronics further increase safety and durability.

Advantages over the standard batteries include: Up to 80% lighter, recharges within 5 minutes of engine start, smaller casing, 5 year service life and has a low self-discharge rate.

Super B use a 10-second rating for starting current instead of CCA. The 10-second rating is easy to understand: it represents the amount of current a battery can produce during 10 seconds without being damaged. The batteries can deliver higher currents for shorter periods and lower currents for longer periods. Operating Temperature -20°C to +60°C & 13.2V Operating Voltage.



For battery brackets add B to the end of part # ie: SB10PB

PART NO:	PULSE DISCHARGE 10 SEC	NOMINAL CAPACITY AH	WEIGHT KG	DEPTH MM	WIDTH MM	HEIGHT MM	MINIMUM POWER	MAXIMUM POWER	APPLICATIONS (GUIDE ONLY)
SPB10P	600	10	1.75	82	120	127	2244 WATT	7940 WATT	RACE CARS UP TO 2LTR USING ALTERNATOR
SPB15P	900	15	2.60	82	120	180	3366 WATT	11880 WATT	RACE CARS UP TO 3LTR USING ALTERNATOR
SPB20P	1200	20	3.40	82	120	236	4488 WATT	15840 WATT	RACE CARS UP TO 4LTR USING ALTERNATOR
SPB25P	1500	25	4.20	97	250	142	9240 WATT	19800 WATT	LARGER RACING CARS & TRUCKS
SPB2600	150	2.6	0.47	35	114	81	660 WATT	1980 WATT	MOTORBIKES 4 STROKE, UP TO 250CC
SBP5200	300	5.2	0.90	62	114	81	1320 WATT	3960 WATT	MOTORBIKES UP TO 1000CC 4 STROKE, 250CC 2 STROKE
SBP7800	450	7.8	1.30	82	120	95	1980 WATT	5940 WATT	MOTORBIKES 4 STROKE, UP TO 1500CC
SBLBC									SUPER B LITHIUM CHARGER. OPTIMATE LITHIUM ONLY CHARGER, RECHARGES AND BALANCES LITHIUM BATTERY CELLS.



**LIGHTWEIGHT BATTERY CABLE**

Available in both single and double insulated super flexible cable, resistant to petrol/oil, rated -30°C to 70°C (single) & -30°C to 85°C (double). These cables are ideal for use in tough working conditions, they remain flexible in both high and low temperatures.

PART NO:	DESCRIPTION
PVC16B	16MM² CORE, RATED TO 110 AMPS BLACK SINGLE INSULATED EXTRA FLEXIBLE CABLE
PVC16R	16MM² CORE, RATED TO 110 AMPS RED SINGLE INSULATED EXTRA FLEXIBLE CABLE
PVC25B	25MM² CORE, RATED TO 170 AMPS BLACK SINGLE INSULATED EXTRA FLEXIBLE CABLE
PVC25R	25MM² CORE, RATED TO 170 AMPS RED SINGLE INSULATED EXTRA FLEXIBLE CABLE
PVCCT	HEAVY DUTY CRIMPING TOOL FOR CRIMPING CABLE TERMINALS TO PVC CABLE



**CABLE TERMINALS**

Terminals to suit the lightweight battery cable available with 6, 8 or 10mm hole.

PART NO:	DESCRIPTION
CTT16/6	6MM HOLE, FOR 16MM² CABLE
CTT16/8	8MM HOLE, FOR 16MM² CABLE
CTT16/10	10MM HOLE, FOR 16MM² CABLE
CTT25/6	6MM HOLE, FOR 25MM² CABLE
CTT25/8	8MM HOLE, FOR 25MM² CABLE
CTT25/10	10MM HOLE, FOR 25MM² CABLE

**ANDERSON JACK PLUGS & ACCESSORIES**

Anderson jack or jump start plugs supplied individually complete with cable connection. Two identical halves make a pair. New soft shell environmental boots provide water, dirt and chemical protection for the jack plugs. The durable boots shield the connectors from water and dirt to IP64 when mated or unmated when the integral cover is used.

50 AMP:	DESCRIPTION
SB50 GREY	JACK PLUG HALF SMALL 50A GREY
SB50 RED	JACK PLUG HALF SMALL 50A RED
SBX50 RED	JACK PLUG T HANDLE SMALL 50A RED
SBX50 GREY	JACK PLUG T HANDLE SMALL 50A GREY
LH-SB50-T	TERMINAL SET FOR SB50'S
LH-SB50-EC	SB50 WATERPROOF COVER
LH-SB50-SL	SB50 WATERPROOF SLEEVE



175 AMP:	DESCRIPTION
SB175 RED	JACK PLUG HALF LARGE 175A RED
SB175 GREY	JACK PLUG HALF LARGE 175A GREY
SBX175 GREY	JACK PLUG T HANDLE LARGE 175A GREY
SBX175 RED	JACK PLUG T HANDLE LARGE 175A RED
LH-SB175-T	TERMINAL SET FOR SB175'S
LH-SB175-EC	SB175 WATERPROOF COVER
LH-SB175-SL	SB175 WATERPROOF SLEEVE

**MASTER SWITCHES**

Battery isolation switches and spares.

PART NO:	DESCRIPTION
RPMS002	MASTER SWITCH WITH ALTERNATOR PROTECTION, FIA APPROVED
RPRES	SPARE RESISTOR FOR RPMS002
MO789	SPARE KEY FOR RPMS002
MW002	AUTOLEC MASTER SWITCH WITH ALTERNATOR PROTECTION FIA APPROVED
MW002B	SPARE KEY FOR MW002
MW002C	SPARE RESISTOR FOR MW002
14205-00	STD 'HELLA' TYPE MASTER SWITCH
14205-01	SPARE KEY FOR 'HELLA' TYPE MASTER SWITCH
SW 50	LUCAS STYLE BATTERY SWITCH 'T' HEAD







(MULTIPLE SPARK DISCHARGE) IGNITION SYSTEMS

**HIGH PERFORMANCE IGNITION**

MSD ignitions systems are multiple sparking, capacitive discharge systems. Unlike standard ignition units which only spark once, MSD ignitions spark multiple times through 20 degree of crankshaft rotation up to 3,000RPM. The multiple sparks ensure complete combustion. After 3,000RPM there is not enough time for the plug to fire more than once so there is only a single spark but this is always a full 45,000 volt spark thanks to the capacitive discharge technology. The capacitive discharge technology ensures the units deliver this very high voltage at any RPM unlike standard ignition units which have a lower voltage delivery (20,000-30,000 volts) and severe voltage reduction at higher RPM. The MSD units deliver the high voltage constantly due to a special transformer in the units which steps up the voltage from the battery and stores it in a large capacitor until the ignition is triggered. Suitable for use with 4, 6 or 8 cylinder engines with 12-volt negative ground electrical systems. They will accept trigger inputs from breaker points, amplifiers and magnetic pickups.

IGNITION	DESCRIPTION
<b>MSD 6A IGNITION - 6201</b>	6A Ignition replaces 6200. The base model multiple sparking, CD ignition The new design 6A ignition incorporating a lower profile housing and a new sealed/locked connector.
<b>MSD 6AL IGNITION - 6425</b>	6AL Ignition replaces 6420. The new design 6AL. Same as 6A but with rev limiter incorporated. The rev limiter is now on top of the housing with soft touch rotary dials which can set the limit in 100RPM increments.
<b>MSD 6AL-2 IGNITION - 6421</b>	6AL-2. The 6421 incorporates two rev limiters; one for high end over rev protection and another you can activate off a clutch or transbrake to set a launch limit. This feature will help your car off the starting line. Adjustments are made via four rotary dials for 100 rpm increment control.
<b>MSD DIGITAL 6-PLUS IGNITION CONTROL - 6520</b>	The MSD Digital-6 Plus Ignition Control combines terrific power, digital accuracy and great accessories There is also a 2-step rev limiter for holeshot consistency and overrev protection. Accepts points, amplifiers and mag pickups on 4, 6 or 8-cylinder engines.
<b>MSD 6AL-2 PROGRAMMABLE IGNITION - 6530</b>	Programmable, 6AL-2. Same model as the 6AL-2 but is set up and programmed by a PC. The Programmable 6AL-2 lets you lock out the distributor, program a timing curve and boost timing curve, set a 2-Step Rev Limiter, and a retard.



6201



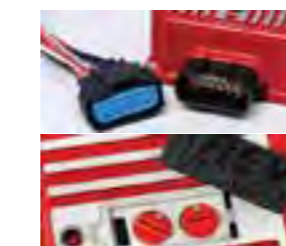
6425



6421/6530



6520



6530

**6A AND 6AL**

**OPERATING SPECIFICATIONS**

SPARK ENERGY: 135-145 MJ PER SPARK  
 PRIMARY VOLTAGE: 520-240 VOLTS  
 SECONDARY VOLTAGE: 45,000 VOLTS  
 SPARK SERIES DURATION: 20 DEG CRANK ROTATION  
 RPM RANGE: 0-15,000 RPM WITH 14.4 VOLTS  
 VOLTAGE REQUIRED: 12-15 VOLTS, 7 VOLT START  
 CURRENT DRAW: 0.7 AMP PER 1,000 RPM  
 WEIGHT & SIZE: 1.7LBS, 8"L X 4"W, X 2.25"H

**6AL-2**

**OPERATING SPECIFICATIONS**

SPARK ENERGY: 135 MJ PER SPARK  
 PRIMARY VOLTAGE: 535 VOLTS  
 SECONDARY VOLTAGE: 45,000 VOLTS  
 SPARK SERIES DURATION: 20 DEG CRANK ROTATION  
 RPM RANGE: 12,000 RPM WITH 14.4 VOLTS  
 VOLTAGE REQUIRED: 12-18 VOLTS, NEGATIVE GROUND  
 CURRENT DRAW: 0.7 AMP PER 1,000 RPM  
 WEIGHT & SIZE: 3LBS, 7"L X 4"W, X 2"H

**COILS**

MSD Ignition offers a variety of performance coils designed for a number of applications. MSD Blaster coils are suitable to upgrade your standard coil or complement the performance of your MSD 6 series ignition. MSD coils have a lower resistance and improved turns ratio, producing a more powerful spark and improved performance.

COIL	DESCRIPTION
<b>BLASTER - 8200</b>	Blaster coil, chrome case. High voltage output, comes with 0.8 ohm ballast resistor, terminal and boot, for use with points, electronic or MSD ignitions. With a standard points ignition a ballast resistor must be placed in-line with the positive terminal of the coil.
<b>BLASTER 2 - 8202</b>	Blaster coil, red case. High voltage output for use with MSD Ignitions.
<b>BLASTER - 8203</b>	Blaster coil, red case. Same spec as 8200, but with red case.
<b>BLASTER HIGH VIBRATION - 8222</b>	Blaster coil, black case. High voltage output, for high vibration applications. Comes with a sturdy metal case and is potted in epoxy. This protects the coils internal components from high and low frequency vibrations.
<b>BLASTER SS - 8207</b>	The efficient E-core windings are designed to produce high amounts of current without sacrificing the voltage output. The secondary windings are wound on a segmented bobbin which reduces the chance of voltage breakdown between the primary and secondary windings. For more protection, these windings are encased in a polyurethane compound for protection against vibration. The Blaster SS features brass terminals and a sturdy housing. It is supplied with a boot, terminal and vibration mounts. A great addition to CD Ignitions and some standard applications.
<b>BLASTER HVC II - 8253</b>	The Blaster HVC coil utilizes an iron U-Core design with a segmented bobbin for improved voltage distribution. The bobbin is moulded from a special Dupont Rynite material and wound specifically to produce the most current possible with incredible voltage and lightning quick rise time. The brass primary terminals are spaced far apart and the secondary tower is well protected for increased spark isolation. The housing is completely potted with an epoxy compound for vibration resistance and installs with sturdy vibration mounts.



8222



8202



8207



8200



8253



8213



8214

**8200, 8202, 8203 & 8222**

**COIL SPECIFICATIONS**

TURNS RATIO: 100:1  
 PRIMARY RESISTANCE: 0.7 OHMS  
 SECONDARY RESISTANCE: 4.5K OHMS  
 INDUCTANCE: 8 MH  
 MAX VOLTAGE: 45,000VOLTS  
 PEAK CURRENT: 140 MA  
 SPARK DURATION: 350 US

**8207**

**COIL SPECIFICATIONS**

TURNS RATIO: 70:1  
 PRIMARY RESISTANCE: 0.355 OHMS  
 SECONDARY RESISTANCE: 4.4K OHMS  
 INDUCTANCE: 6.9 MH  
 MAX VOLTAGE: 40,000VOLTS  
 PEAK CURRENT: 300 MA  
 SPARK DURATION: 220 US

**8253**

**COIL SPECIFICATIONS**

TURNS RATIO: 100:1  
 PRIMARY RESISTANCE: 630 OHMS  
 SECONDARY RESISTANCE: 3.5K OHMS  
 INDUCTANCE: 3.5 MH  
 MAX VOLTAGE: 44,000VOLTS  
 PEAK CURRENT: 450 MA  
 SPARK DURATION: 450 US



**SPARK PLUG WIRES & ACCESSORIES**

The MSD 8.5mm Super Conductor Wire is the ultimate performance wire offering incredibly low resistance without electronic interference. With less than 50 ohms of resistance, the lowest resistance of any helically wound wire results in less loss in spark energy so more reaches the spark plug. The conductor is wound extremely tight around a special centre core. So tight in fact, that there is over 40 feet of conductor wrapped into a single foot of plug wire. This winding procedure, combined with a ferro-magnetic impregnated centre core, produces an extremely effective Electro Magnetic Interference (EMI) "choke". This choke, or suppression capability, keeps the EMI inside the wire where it cannot interfere with other electronics on your vehicle. A proprietary blend of silicone and synthetic material produce an outer sleeve that is highly resistant to high heat as well as abrasion and tears.



SPARK PLUG WIRES CAN BE MADE UP TO YOUR SPECIFICATION.

SPARK PLUG WIRE		
RED PART NO:	DESCRIPTION	BLACK PART NO
34059/1	8.5MM WIRE PER FOOT	34053/1
BOOTS & TERMINALS		
BOOT PART NO:	DESCRIPTION	TERMINAL NO:
PRD21777	PLUG BOOT - PRO RACE STR	34605
PRD21776	PLUG BOOT - PRO RACE 90°	34615
PRD21775	PLUG BOOT - PRO RACE 115°	34605
34565	PLUG BOOT - MULTI ANGLE STR	34605
34515	PLUG BOOT - HEAVY DUTY 90°	34615
34575	PLUG BOOT - STANDARD 90°	34615
PRD11029	SOCKET BOOT - UNIVERSAL/STD STR	PRD11031
34525	SOCKET BOOT - UNIVERSAL/STD 90°	34635
3331	SOCKET BOOT & TERMINAL PACK - BLASTER II COIL	
TOOLS & ACCESSORIES		
PART NO:	DESCRIPTION	
35051	PROFESSIONAL CRIMPING & STRIPPING TOOL	
3503	MINI-STRIPPER BUDGET CRIMPER TOOL	
3414	8.5 WIRE HI-TEMP CYLINDER MARKERS	
8841	DUAL PLUG WIRE SEPARATORS - SET 16	
8211	FIREWALL WIRE ADAPTOR	



**CARTEK BATTERY ISOLATORS**

Cartek Battery Isolators provide two functions. The first is to disconnect the Battery from all Electrical Circuits, the second is to kill the engine. The Battery Isolators work by being fitted in between the negative side of the battery and the chassis. When the external kill button has been activated or the internal button been switched to the off state, then the Battery Isolator will disconnect the negative side of the battery from the Chassis. This means that no power can get to any of the electrical circuits as there is a break in the circuit.

PART #	DESCRIPTION
<b>CK-BG-06-B (GT BLUE SWITCH)</b>	The GT Isolator kills the engine by taking in a fixed 12v input and sending a 12v output that would power the Ignition or ECU. When the negative side of the battery has been disconnected it will also cut the 12v output powering the Ignition or ECU. This will kill the engine. Designed for cars with Standard ECU's or Historic Race cars. 92x50mm, 120g.
<b>CK-BG-06-R (GT RED SWITCH)</b>	The XR isolator does not have a power input or power output. Instead it sends a signal which is wired up to either a Power Distribution Module or Motorsport ECU that has an ignition switch signal input. The ECU or Power Distribution Module will then shut down when it see's this signal - which then kills the engine. 60x45mm, 70g.



**CARTEK FIA RAIN LIGHTS**

Homologated by the FIA in 2010 this light meets all requirements including minimum size, light intensity, viewing angle, heat resistance and prolonged use reliability. The design has also been made robust to withstand the harsh environment of the race car whilst maintaining a small size and low weight.

PART #	DESCRIPTION
<b>CK-LR-15-V (VERTICAL)</b>	FIA approved rainlight comes with a single static mode and is available in two orientations, horizontal or vertical. 90X58mm, 145g.
<b>CK-LR-15-H (HORIZONTAL)</b>	FIA approved rainlight comes with triple mode (static, flashing or hazard if stalled or driving slowly) and is available in two orientations, horizontal or vertical. 90X58mm, 145g.



**CARTEK POWER DISTRIBUTION PANELS**

The CARTEK Power Distribution Panel is an all-in-one solid state solution to power distribution in your competition car. Designed to replace all the fuses, relays and switches. This unit greatly simplifies the wiring, saving weight and maximising reliability. The CARTEK Power Distribution Panel is a 16 channel PDM and Switch Panel in one. Unlike most PDM's on the market the Power Distribution Panel does not need a laptop to program the configuration.







STARTER MOTORS

WOSP offer a complete range of high output, lightweight, gear reduction starter motors manufactured in the UK using only OE platforms. WOSP starter motors are designed for motorsport use and carry a 12 month warranty. There are over 1,500 applications, below is a selection of the most popular units. Please call for further information.

APPLICATION	PART #	TYPE	POWER
AC			
AC COBRA	LMS173-11	DENSO	1.0KW
ALFA ROMEO			
8 TOOTH 1.3 / 1.6 / 1.75 / 2.0	LMS057/8	DENSO	1.4KW
9 TOOTH 1.3 / 1.6 / 1.75 / 2.0	LMS057/9	DENSO	1.4KW
ASTON MARTIN			
DB3-6	LMS016	DENSO	1.4KW
V8	LMS568	DENSO	1.4KW
V12	LMS068	DENSO	1.4KW
AUSTIN HEALEY			
3000/ 100-4	LMS005	DENSO	1.4KW
AUSTIN			
AUSTIN 7 '29-32' GEARBOX SIDE	LMS433	DENSO	1.4KW
AUSTIN 7 '29' ON ENGINE SIDE	LMS153	DENSO	1.4KW
BMW			
BMW M10/M12	LMS182	DENSO	2.0KW 'A/B'
BMW E30 M3	LMS221	DENSO	2.0KW 'A/B'
BUGATTI			
BUGATTI T35	LMS079	DENSO	1.0KW
BUGATTI T40 / T43 / T44	LMS538	DENSO	1.0KW
CATERHAM			
CATERHAM K SERIES	LMS430	HITACHI	1.4KW
CHEVROLET			
LS7/LS8, 6.0L, 6.2L, 7.0L	LMS322	DENSO	1.4KW
V8 SMALL & BIG BLOCK (153/168 RING)	LMS526	DENSO	
COVENTRY CLIMAX			
COVENTRY CLIMAX / LOTUS ELITE	LMS022	DENSO	1.0KW
COVENTRY CLIMAX PFF	LMS666	DENSO	1.4KW
FERRARI			
FERRARI 360	LMS390	DENSO	1.4KW
FERRARI 430	LMS259	DENSO	1.4KW
FERRARI 458	LMS369	DENSO	1.4KW
FORD BDA/BDG/FT200 104&110 TOOTH	LMS255	DENSO	1.4KW
FORD BDA / TWIN CAM 135 TOOTH	LMS702	DENSO	1.4KW
FORD BDG/FT200 104&110 TOOTH	LMS255	DENSO	1.4KW
FORD DURATEC LIGHTWEIGHT	LMS726	DENSO	1.4KW
FORD GT40 (ZF BOX)	LMS793	DENSO	1.4KW
FORD PINTO (110 TOOTH)	LMS043	DENSO	1.4KW
FORD V8 SMALL & BIG BLOCK	LMS173-11	DENSO	1.4KW
FORD X-FLOW (135 TOOTH)	LMS702	DENSO	1.4KW
FORD ZETEC	LMS058	DENSO	1.4KW
FORD ZETEC MK9	LMS292	DENSO	1.4KW
FORD PUMA 1.4/1.7, FIESTA 1.25/1.4	LMS793	DENSO	1.4KW
FORD ESSEX V4 / V6	LMS564	DENSO	1.4KW
FORD CVH	LMS058	DENSO	1.4KW
FORD FIESTA 2000 WRC	LMS732	DENSO	1.4KW
GROUP C			
SPICE GROUP C	LMS228	HITACHI	1.4KW
HONDA			
HONDA K20 / K24	LMS606	DENSO	1.4KW 'L/N'
JAGUAR			
JAGUAR D-TYPE	LMS030	DENSO	1.4KW 'L/N'
JAGUAR E-TYPE	LMS003	DENSO	1.4KW
JAGUAR V12	LMS017	DENSO	1.4KW
LOTUS			
CORTINA MKI & MKII, 10 TOOTH 2 BOLT	LMS269-10	HITACHI	1.4KW
CORTINA MKI & MKII, 9 TOOTH 2 BOLT	LMS269-9	HITACHI	1.4KW
LOTUS ELAN / TWIN CAM	LMS113	DENSO	1.0KW
LOTUS EXIGE/ZELEVEN	LMS230	DENSO	1.4KW
LOTUS ELISE S1/S2	LMS125	DENSO	1.4KW 'L/N'
LOTUS ELITE	LMS022	DENSO	1.0KW



LMS005



LMS182



LMS390



LMS173-11



LMS030



LMS125

APPLICATION	PART #	TYPE	POWER
MAZDA			
MAZDA MX5	LMS066	DENSO	1.4KW
MAZDA RX7	LMS331	DENSO	2.0KW 'L/N'
MAZDA RX8	LMS211	DENSO	1.4KW 'L/N'
MG			
MG ZS / ZR / METRO 1.4 & 1.6	LMS685	DENSO	1.4KW 'L/N'
MG MGA/MGB 3-SYNC	LMS002	DENSO	1.0KW
MG MGB 4-SYNC	LMS001	DENSO	1.0KW
MG MGC	LMS044	DENSO	1.0KW
MINI			
MINI (REPLACING INERTIA TYPE)	LMS011	DENSO	1.0KW
MINI (REPLACING PRE-ENGAGED TYPE)	LMS010	DENSO	1.0KW
MITSUBISHI			
MITSUBISHI EVO	LMS097	DENSO	1.2KW
MORGAN			
MORGAN 4/4 '69-81'	LMS008/9	DENSO	1.4KW
NISSAN			
NISSAN 350Z	LMS243	DENSO	2.0KW
NISSAN MICRA K11	LMS723	DENSO	1.2KW
NISSAN SKYLINE, GTR	LMS160	DENSO	1.4KW
PORSCHE			
PORSCHE 356 EARLY (109 TOOTH)	LMS167	DENSO	1.0KW
PORSCHE 911 (TYPE 959 GEARBOX)	LMS027-11	DENSO	2.0KW 'A/B'
PORSCHE 911 (TYPE 901 GEARBOX)	LMS027-11	DENSO	2.0KW 'A/B'
PORSCHE 911 '90-2012' G50	LMS679	DENSO	2.0KW
PORSCHE 911 97' ONWARDS	LMS682	DENSO	2.0KW
PORSCHE 924 2.0L '76-85'	LMS272	DENSO	1.4KW
PORSCHE 944	LMS574	DENSO	1.4KW
RACE			
BIKE ENGINED CAR (ANTI CLOCKWISE)	LMS362	DENSO	1.0KW
BIKE ENGINED CAR (CLOCKWISE)	LMS361	DENSO	1.0KW
RENAULT			
RENAULT 5 TURBO 1 & 2	LMS207	DENSO	1.4KW
RENAULT CLIO 172, 182, 197	LMS524	DENSO	1.4KW
ROVER			
ROVER SD1 2.3 / 2.6	LMS098	DENSO	1.0KW
ROVER V8 - MGBV8, MORGAN, SD1	LMS055	DENSO	1.4KW 'L/N'
SEAT			
SEAT CUPRA / IBIZA 1.8 20V TURBO	LMS554	DENSO	1.4KW
SUBARU			
SUBARU IMPREZA / LEGACY	LMS035	DENSO	1.0KW
SUZUKI			
SUZUKI SWIFT	LMS602	DENSO	1.4KW
TOYOTA			
TOYOTA 2T / 3T / 2TG	LMS697	DENSO	1.4KW
TOYOTA MR2 1.6	LMS039	DENSO	1.0KW
TOYOTA MR2 1.8 / CELICA '00-05'	LMS282	DENSO	1.4KW
TOYOTA MR2 2.0	LMS040	DENSO	1.4KW 'L/N'
TRIUMPH			
TRIUMPH TR2/3	LMS023	DENSO	1.4KW
TRIUMPH TR5-6	LMS020	DENSO	1.4KW
TRIUMPH TR7	LMS056	DENSO	1.4KW
TVR			
TVR TUSCAN	LMS564	HITACHI	1.4KW
TVR (ROVER V8 ENGINE) SUPER DUTY	LMS109	DENSO	2.0KW 'L/N'
VAUXHALL			
VAUXHALL 1.6 16V XE	LMS495	DENSO	1.4KW
VAUXHALL 2.0 XE	LMS086	DENSO	1.4KW
VOLKSWAGEN			
VW GOLF MK1 1.8L	LMS597	DENSO	1.4KW 'L/N'
VW GOLF MK3 2.8L	LMS532	DENSO	2.0KW 'L/N'



LMS066



LMS001



LMS027-11



LMS361



LMS282



LMS086

DYNATORS

WOSP offer a complete range of alternators to look and replace original dynamos. Built to be the most authentic and reliable on the market they are available to directly replace over 200 different models of dynamo. Whether you require a 6 or 12 volt, +ve or -ve ground they are the ideal upgrade for any classic car with outputs of up to 175A.

PART NO.	DESCRIPTION	AMP	VOLT	EARTH	WEIGHT
LMDC39	LUCAS C39 TYPE	50A	12	NEG	3.0KG
LMDC39T	LUCAS C39 WITH TACHO	50A	12	NEG	3.0KG
LMDC40	LUCAS C40 TYPE	50A	12	NEG	3.1KG
LMDC40S	LUCAS C40 SHORT	50A	12	NEG	3.0KG
LMDC40L	LUCAS C40 LONG	50A	12	NEG	3.2KG
LMDC40SD	LUCAS C40 SUPER DUTY	95A	12	NEG	4.2KG
LMDC42	LUCAS C42 TYPE	50A	12	NEG	3.3KG
LMDC42RD	LUCAS C42 REAR DRIVE	50A	12	NEG	3.3KG
LMDC42T	LUCAS C42 WITH TACHO	50A	12	NEG	3.3KG
LMDC45	LUCAS C45 TYPE	50A	12	NEG	3.9KG
LMDC45-65	LUCAS C45 HIGH OUTPUT	65A	12	NEG	3.9KG
LMDC47	LUCAS C47 TYPE	50A	12	NEG	TBC
LMDC48	LUCAS C48 TYPE	50A	12	NEG	TBC



LMDC40



LMDC39



LMDC40L



LMDC42



200 SERIES ALTERNATORS

WOSP 200 series OE Denso based market leading alternators. All WOSP 200 series alternators give a choice of fitment options and include a huge range of outputs, terminal connections. WOSP also manufacture a complete range of spares including pulleys, mounting brackets, kits, tensioners and looms. All WOSP alternators come with a 12 month warranty.

PART NO.	DESCRIPTION	AMP	HAND	LUGS	WEIGHT	CONNECTIONS
LMA200	UNIVERSAL RACE	50A	180°	2	2.5KG	B+/IG/L
LMA200HO	UNIVERSAL RACE	90A	180°	2	2.5KG	B+/IG/L
LMA201C	UNIVERSAL RACE	120A	180°	2	4.5KG	B+/IG/S/L
LMA201CHO	UNIVERSAL RACE	220A	180°	2	4.5KG	B+/IG/S/L
LMA203	UNIVERSAL RACE	65A	180°	2	3.2KG	B+/IG/L
LMA209	UNIVERSAL RACE	65A	180°	2	3.2KG	B+/IG/S/L
LMA209HO	UNIVERSAL RACE	120A	180°	2	3.2KG	B+/IG/S/L
LMA237	LH LUCAS TYPE	95A	LH	3	4.9KG	B+/LAMP
LMA259	RH LUCAS TYPE	95A	RH	3	4.9KG	B+/LAMP



LMA200



LMA203



LMA259

300 SERIES ALTERNATORS

WOSP 300 series alternators are based on the latest generation OE Denso platform super-efficient alternators. These race proven compact units offer the best size and power/weight ratio available and at far lower RPM than alternatives. This is due to their patented design which enables them to offer up to 80% of their maximum output at average idle speeds catering for the large electrical loads usually found at this time. Please call for more information.

PART NO.	DESCRIPTION	AMP	HAND	LUGS	WEIGHT	CONNECTIONS
UNIVERSAL 95 / 175 A RACE ALTERNATORS						
LMA300	UNIVERSAL 2 LUG	95	180°	2	3.9KG	B+/LAMP
LMA300HO	UNIVERSAL 2 LUG	175	180°	2	3.9KG	B+
LMA301	UNIVERSAL 3 LUG	95	180°	3	3.9KG	B+/LAMP
LMA301HO	UNIVERSAL 3 LUG	175	180°	3	3.9KG	B+
LMA302	UNIVERSAL 2 LUG	95	R/H	2	3.9KG	B+/LAMP
LMA302HO	UNIVERSAL 2 LUG	175	R/H	2	3.9KG	B+
LMA303	UNIVERSAL 3 LUG	95	L/H	3	3.9KG	B+/LAMP
LMA303HO	UNIVERSAL 3 LUG	175	L/H	3	3.9KG	B+
LMA320	UNIVERSAL 2 LUG	95	L/H	2	3.9KG	B+/LAMP
LMA320HO	UNIVERSAL 2 LUG	175	L/H	2	3.9KG	B+
UNIVERSAL 175 / 320 A RACE ALTERNATORS						
LMA319	UNIVERSAL 2 LUG	175	180°	2	5.3KG	B+/LAMP
LMA319HO	UNIVERSAL 2 LUG	320	180°	2	5.3KG	B+
LMA328	UNIVERSAL 3 LUG	175	3 LUG	3	5.3KG	B+/LAMP
LMA328HO	UNIVERSAL 3 LUG	320	3 LUG	3	5.3KG	B+
LMA306	UNIVERSAL 3 LUG	175	R/H 160°	3	5.3KG	B+/LAMP
LMA306HO	UNIVERSAL 3 LUG	320	R/H 160°	3	5.3KG	B+
LMA312	UNIVERSAL 4 LUG	175	4 LUG	4	5.3KG	B+/LAMP
LMA312HO	UNIVERSAL 4 LUG	320	4 LUG	4	5.3KG	B+
LMA327	UNIVERSAL 4 LUG	175	4 LUG	4	5.3KG	B+/LAMP
LMA327HO	UNIVERSAL 4 LUG	320	4 LUG	4	5.3KG	B+
UNIVERSAL 240 / 390 A RACE ALTERNATORS						
LMA315	PAD MOUNTED	240	PAD	4	6.9KG	B+/LAMP
LMA315HO	PAD MOUNTED	390	PAD	4	6.9KG	B+
LMA318	UNIVERSAL 4 LUG	240	4 LUG	4	6.9KG	B+/LAMP
LMA318HO	UNIVERSAL 4 LUG	390	4 LUG	4	6.9KG	B+



LMA300



LMA301



LMA320



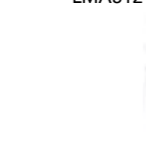
LMA312



LMA319



LMA306



LMA315



LMA318

300 SERIES SPECIFIC ALTERNATORS

WOSP 300 series specific alternators are direct replacements to OE units with casings that are CNC machined from billet. These units combine high outputs at low RPM and superior reliability whilst being quick and easy to install. Below is a selection of standard power output options, for high output or other models please call.

PART NO.	DESCRIPTION	AMP	WEIGHT
ASTON MARTIN			
LMA347	V8 'EFI'	240	5.3KG
AUDI			
LMA356	80 RS2 & A8 / S8	175	5.3KG
LMA399	R8 LMP EARLY	175	3.9KG
BMW			
LMA344	CSL / M3 E30	175	5.3KG
CHEVROLET			
LMA349	V8 SMALL & BIG BLOCK	95	3.9KG
LMA392	V8 SMALL & BIG BLOCK	175	5.3KG
FERRARI			
LMA402	430	175	5.3KG
FORD			
LMA349	V8 SMALL & BIG BLOCK	95	3.9KG
LMA392	V8 SMALL & BIG BLOCK	175	5.3KG
LMA378	COSWORTH V-PULLEY	175	5.3KG
LMA361	SIERRA GROUP A	175	5.3KG
LMA330	FOCUS MK2 ST, RS	175	5.3KG
LMA311	DURATEC</		



**LUCAS IGNITION COILS**

High performance 12V Lucas ignition coil. Allows plug gap to be increased for better combustion which gives better performance and economy. The DLB105 has a primary resistance of 3 Ohms and the DLB198 1 Ohm.



PART NO:	DESCRIPTION
<b>DLB105</b>	LUCAS SPORTS COIL, POINTS IGNITION
<b>DLB198</b>	LUCAS SPORTS COIL, ELECTRONIC IGNITION

**LUCAS SWITCHES**

For older sports cars. The 12V momentary starter switch has a push button, chrome bezel and spade terminals. The 12V T head master switch is rated for continuous load of 150A or intermittent loads of 1500A.



PART NO:	DESCRIPTION
<b>SPB106</b>	12 V 11A MOMENTARY STARTER SWITCH
<b>SSB106</b>	12V T HEAD BATTERY MASTER SWITCH



**LIFELINE RAIN LIGHT**

New Lifeline rainlight developed for international and national motorsport use. The High Intensity Rear LED Rain Light unit is homologated for competition use by the MSA and FIA. To give the best visibility in the most extreme situations the High Intensity Rear LED Rain Light uses the latest surface mount LED technology An additional flash feature is included.



LIFELINE - FIA ALL MOTORSPORT	
PART NO:	DESCRIPTION
<b>421-100-005</b>	11 LED, 12V LIFELINE FLASHING RAINLIGHT, 62X100X21.5MM, 230G



**VOLTAGE REGULATORS**

Racetech voltage regulators. All voltage regulators can be configured to individual applications. Specs: Cicontrol Voltage, 13.8-14v @ 5-75 Deg/C Max current dissipation short periods, 15 Amps



PART NO:	APPLICATION
<b>TYPE2535MK2</b>	COSWORTH DFR AND LATER DFV
<b>TYPE2535MK3</b>	COSWORTH HC HART F1 & TURBO ENGINES

**RAIN LIGHT**

MSA and single seater FIA approved 51 LED cluster housed in a 52mm diameter high strength single piece body angled at 10 degrees for optimum visibility. Comes with resistor protection.



RACETECH 52MM - FIA FOR SINGLE SEATER	
PART NO:	DESCRIPTION
<b>RL01</b>	12V RACETECH RAINLIGHT
<b>RL9V</b>	9V RACETECH RAINLIGHT

**ELECTRICAL PARTS/SWITCHES**

Miscellaneous switches, buttons & lights.

PART NO:	DESCRIPTION
<b>GE338R</b>	50A HEAVY DUTY ENGINE START BUTTON, ILLUMINATED
<b>721</b>	MERIT STARTER BUTTON
<b>635H</b>	TOGGLE SWITCH ON SPRUNG / OFF
<b>631H</b>	TOGGLE SWITCH ON / OFF
<b>639H</b>	TOGGLE SWITCH ON / OFF / ON
<b>U851</b>	ALL WEATHER BOOT FOR 63*H SWITCHES
<b>MO 738</b>	TOGGLE SWITCH WITH AIRCRAFT STYLE FLIP COVER
<b>942-100-001</b>	MOMENTARY SWITCH WITH RED BUTTON
<b>MO 750</b>	WARNING LIGHT BLUE 17MM BLACK RIM
<b>MO 751</b>	WARNING LIGHT AMBER 17MM BLACK RIM
<b>MO 752</b>	WARNING LIGHT GREEN 17MM BLACK RIM
<b>MO 753</b>	WARNING LIGHT RED 17MM BLACK RIM



ALSO AVAILABLE WITH CHROME RIMS

**THIN WALL AUTOMOTIVE CABLE**

High grade thin wall PVC insulation offers good flexibility and as well as being hard to cut through it is also resistant to petrol, diesel, oil and diluted acid. These cables offer a considerable reduction in weight and volume compared with standard cables. They are available as a pack size of 5/10M or a roll of 30/50M.

PART NO:	SUGGESTED APPLICATION	CORE SIZE MM²	O.D MM	CURRENT RATING (AMPS)	MAX LOAD (WATTS @ 12V)	COLOURS	PACK SIZE/ ROLL SIZE
<b>RW0.75</b>	SIDE/TAIL LIGHTS, SENSORS	0.75	1.9	14	168	Black, Red, Blue, Yellow, Green	10M/50M
<b>RW1.5</b>	HORN, FUEL/WATER PUMP	1.5	2.4	21	252	Black, Red, Blue, Yellow, Green	10M/50M
<b>RW2.5</b>	COOLING FAN, HEAD LAMPS	2.5	3.0	29	348	Black, Red, Blue, Yellow, Green	10M/50M
<b>RW4.0</b>	DYNAMO, ALTERNATOR AND	4.0	3.8	39	468	Black, Red, Blue, Yellow, Green	5M/30M
<b>RW6.0</b>	AMMETER CIRCUITS	6.0	4.3	50	600	Black, Red, Blue, Yellow, Green	5M/30M



# Engine Ancillaries



**OUR SUPPLIERS**



**ENGINE ANCILLARIES**

ITG AIR FILTERS	44
SAENZ CONNECTING RODS	45
SUPERTRAPP SILENCERS	45
ARE DRY SUMP SYSTEMS	45

FOR COOLING FANS SEE PAGE 24  
 FOR SPARK PLUG WIRES SEE PAGE 39  
 FOR ALTERNATORS & STARTER MOTORS SEE PAGES 40-41  
 FOR ENGINE OILS & TREATMENTS SEE PAGES 51-54  
 FOR GASKETS & SEALANTS SEE PAGES 54-55  
 FOR GAUGES & ACCESSORIES SEE PAGES 63-65  
 FOR EXHAUST WRAP, HEAT SHEILDING AND INSULATION SEE PAGES 70-73  
 FOR CUSTOM MADE HOSES SEE PAGE 75  
 FOR HOSES & FITTINGS SEE PAGES 76-86





Raceparts are official distributors for ITG, which are widely regarded as the brand leader in motorsport air filters. ITG (Induction Technology Group) supplies lightweight high performance air filters to all forms of Motorsport and can also manufacture bespoke filters.

MEGAFLOW FILTERS

Versatile red-band filters for road or race. 2 outer layers of foam provide optimum filtration and load-up capacity and inner layer made of special self-extinguishing foam. All Megaflow filters are available as a flat top or domed (sausage) top shape.

DIMENSIONS ARE OUTLINED IN THE BELOW TABLES.

RECOMMENDATIONS:

ITG recommend fitting the tallest element possible, though a gap of 13mm must be left over the filter for air to circulate. If using ram pipes there must be a minimum gap of 19mm but 32mm is recommended between end of pipe and underside of filter. BHP ratings are dependent on number of cylinders & quantity of filters being used. Please call for info.



A = INTERNAL HEIGHT

PART NO:	A	B	C	D
JC20/25	25	148	192	50
JC20/40	40	148	192	65
JC20/65	65	148	192	90
JC20/100	100	148	192	125



JC20 - SINGLE CARB FILTER  
BASEPLATE SOLD SEPARATELY

PART NO:	A	B	C	D
JC55/25	25	148	500	50
JC55/40	40	148	500	65
JC55/65	65	148	500	90
JC55/100	100	148	500	125

JC55 - MULTI CARB FILTER  
BASEPLATE SOLD SEPARATELY

PART NO:	A	B	C	D
JC30/25	25	149	298	50
JC30/40	40	149	298	65
JC30/65	65	149	298	90
JC30/100	100	149	298	125



JC30 - SINGLE CARB FILTER  
BASEPLATE SOLD SEPARATELY

PART NO:	A	B	C	D
JC100/25	25	142	608	50
JC100/40	40	142	608	65
JC100/65	65	142	608	90
JC100/100	100	142	608	125

JC100 - MULTI CARB FILTER  
BASEPLATE SOLD SEPARATELY

PART NO:	A	B	C	D
JC40/25	25	142	379	50
JC40/40	40	142	379	65
JC40/65	65	142	379	90
JC40/100	100	142	379	125



JC40 - SMALL TWIN CARB FILTER  
BASEPLATE SOLD SEPARATELY

FORMULA FORD FILTERS

PART NO:	A	B	C	D
JC10	80	148	192	105
JC10R	130	148	192	155
JC20/100FF	NEW F/FORD FILTER REPLACES K&N 56-9290			
67JC20	BASEPLATE FOR ABOVE FILTER			

JC10 - FORMULA FORD FILTERS  
BASEPLATE INCLUDED

PART NO:	A	B	C	D
JC50/25	25	148	436	50
JC50/40	40	148	436	65
JC50/65	65	148	436	90
JC50/100	100	148	436	125



JC50 - BIG TWIN CARB FILTER  
BASEPLATE SOLD SEPARATELY

JC70/71 DFV RACING FILTER

PART NO:	LENGTH	WIDTH	HEIGHT
JC70	503	135	85
JC71	453	135	85



JC70 - COSWORTH DFV FILTER  
BASEPLATE INCLUDED

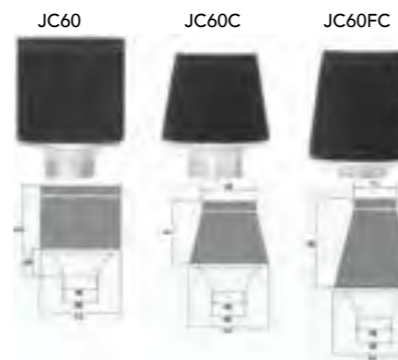
MEGAFLOW BASEPLATES

For blank baseplate add baseplate to end of part number or for specific pre-cut baseplates please call.

CONICAL FILTERS (RATED TO 600 BHP)

Larger sizes available on request

PART NO:	A	B	C	D	E	F	G	H	J
JC60/58	58	61	149	33	153	121	114	152	114
JC60/60	60	63	149	52	172	121	114	152	114
JC60/63	63	66	149	52	172	121	114	152	114
JC60/67	67	70	149	54	194	121	114	152	114
JC60/70	70	73	149	54	194	121	114	152	114
JC60/73	73	76	149	50	190	121	114	152	114
JC60/78	78	81	149	44	186	121	114	152	114
JC60/80	80	83	180	55	215	152	149	N/A	N/A
JC60/86	86	89	180	53	213	152	149	N/A	N/A



ACCESSORIES

PART NO:	DESCRIPTION
BF-19	CRANKCASE BREATHER 19MM ID
BF-16	CRANKCASE BREATHER 16MM ID
BF-30	CRANKCASE BREATHER 30MM ID
JCS-11	FOAM SOCK 95MM OD, 125MM LONG
JCS-12	FOAM SOCK 115MM OD, 165MM LONG
JCS-21	FOAM SOCK TWIN L:175 W:85 H:120
JDR/1	DUST RETENTION SPRAY 200ML "CIRCUIT RACING"
JDR/2	AIR FILTER OIL 200ML "RALLYING"



Raceparts (UK) LTD are distributors for SAENZ connecting rods in the UK. Saenz connecting rods are without question the best quality con rod available on the market. The Saenz corporation has been manufacturing top quality connecting rods since 1989. Offering maximum strength and performance at the minimum weight. Rods are available in "H" shape cross section or "I" shape cross section.

FOR A QUOTE, ASK FOR COPY OF THE COMPLETE THE SPEC. SHEET.

CAR TYPE: \_\_\_\_\_  
 ENGINE: \_\_\_\_\_  
 # OF CYL: \_\_\_\_\_  
 CYL BORE: \_\_\_\_\_  
 MAX RPM: \_\_\_\_\_  
 STROKE: \_\_\_\_\_  
 ROD BOLTS: \_\_\_\_\_  
 MAX HP: \_\_\_\_\_  
 PISTON WEIGHT: \_\_\_\_\_  
 TARGET WEIGHT: \_\_\_\_\_  
 CONTACT: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 FAX: \_\_\_\_\_  
 E-MAIL: \_\_\_\_\_  
 QUANTITY REQUIRED: \_\_\_\_\_



SILENCERS

HOW TO SELECT THE RIGHT SUPERTRAPP

All Supertrapps are defined by the disc diameter, either 3", 4" or 5". Each disc size is rated for maximum horsepower per silencer. As exhaust pipe diameter, sound level and horsepower increase, so does the need for the larger diffuser discs. The larger diffuser discs not only give more silencing, but also provide increased flow for high-output engines. Choosing the correct disc size and number of silencers required will entail some consideration of the size and horsepower of your engine. The larger your engine, the more noise you will need to quieten, without creating unwanted back pressure. Below are some general guidelines to assist you with your selection. Multiple silencers may be used when referring to the application table.

APPLICATION TABLE

MODEL NO:	DISC DIA (OD)	MAX HP	DISP. (CC)	APPLICATION
344	3"	100	1500	3" DISC ONLY: FOR APPLICATIONS WHERE MINIMAL NOISE REDUCTION IS REQUIRED; AVAILABLE WITH 1.5", 1.75", 2" AND A BOLT ON MODEL FOR MEGAPHONES WITH 3" OUTLET
444	4"	250	4000	4" DISC ONLY: ONLY SUITABLE WHERE MINIMAL SOUND CONTROL IS REQUIRED, AVAILABLE INLET SIZES; 2", 2.25" & 2.5"
544	5"	400	6000	5" DISC ONLY: USE AS A TUNING DEVICE WITH MINIMAL SOUND REDUCTION, SUITABLE FOR ENGINES WITH 2.5"-3.5" EXHAUST OUTLETS, INCLUDING V8'S. AVAILABLE INLET SIZES; 2.5", 3" & 3.5"

PART NUMBERS

PART NO:	DESCRIPTION
344-1705	3" DISC KIT FOR 1.75" O.D PIPE
344-2005	3" DISC KIT FOR 2" O.D PIPE
344-3004	3" DISC KIT FOR 3" O.D PIPE
444-2003	4" DISC KIT FOR 2" O.D PIPE
444-2203	4" DISC KIT FOR 2.25" O.D PIPE
444-2503	4" DISC KIT FOR 2.5" O.D PIPE
544-2503	5" DISC KIT FOR 2.5" O.D PIPE
544-3003	5" DISC KIT FOR 3" O.D PIPE
544-3503	5" DISC KIT FOR 3.5" O.D PIPE
WADD3	1M X 1M SILENCER WADDING



USING YOUR SUPERTRAPP

ADD DISCS TO INCREASE THE EXHAUST OPENING AND REDUCE BACK PRESSURE.

- INCREASES THE POWER BAND.
- MORE TOP END TORQUE.
- INCREASES THE EXHAUST TONE.
- LEANS OUT THE CARBURETION.

REMOVE DISCS TO DECREASE THE EXHAUST OPENING AND INCREASE BACK PRESSURE.

- DECREASES THE POWER-BAND.
- MORE LOW END TORQUE.
- DECREASES THE EXHAUST TONE.
- ENRICHES THE CARBURETION.





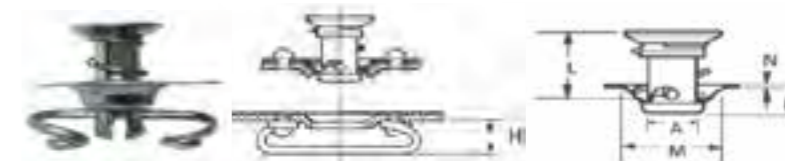
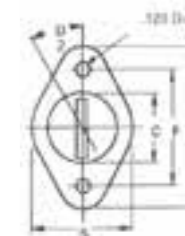
# Fasteners



## EHF SELF EJECTING FASTENERS

Self ejecting fasteners are designed for use on curved or contoured surfaces where ejection of the fastener is essential for removal of the top panel. The ejecting mechanism also gives an instant signal that the fastener is unlocked. EHF are available with flush head only. EHF5 ejecting fasteners use 'S5' springs and EHF6 use 'S6' springs. All EHF fasteners are zinc plated mild steel.

FASTENERS		FASTENER TYPE										
PART NO:	SHAFT LENGTH = L	EHF5	A	C	D	F	M	N	R	S	X	
EHF5-40	0.400"	EHF5	5/16"	5/8"	30 DEG	1.06"	11/16"	0.022"	0.27"	7/8"	1.47"	
EHF5-45	0.450"	EHF6	3/8"	3/4"	23 DEG	1.35"	7/8"	0.025"	0.31"	1 3/32"	1.725"	
EHF5-50	0.500"	SPRINGS 5-SERIES		SPRINGS 6-SERIES								
EHF5-55	0.550"	PART NO:	SPRING CLEARANCE = H				PART NO:				SPRING CLEARANCE = H	
EHF5-60	0.600"	S5-225	0.225"				S6-250				0.250"	
EHF5-65	0.650"	S5-250	0.250"				S6-300				0.300"	
EHF5-70	0.700"	S5-300	0.300"				S6-400				0.400"	
EHF5-75	0.850"	S5-325	0.325"				S6-425				0.425"	
EHF6-50	0.500"											
EHF6-60	0.600"											
EHF6-65	0.650"											
EHF6-70	0.700"											
EHF6-75	0.750"											



To calculate the correct pairing of fastener and spring use the following formula:

Add together the thickness of both panels to be fastened and the spring clearance (Dim H). Subtract spring deflection (0.047" for 5 series, 0.062" for 6 series). Then select the fastener with the nearest shaft length (Dim L).

SELF EJECTING FASTENER TOOL	
PART NO:	DESCRIPTION
EHF7602	TOOL FOR ADJUSTING SPRING HEIGHT



The spring height adjusting tool for use with the S5 series springs is perfect for ensuring a perfect fitment. This durable yet lightweight tool is quick and easy to use. The tool pulls the spring evenly so as not to damage or distort the spring.

## PUSH BUTTON EJECTING FASTENERS

The push button quick latches are machined from 6063-T6 alloy and S-303 stainless steel. These push to release style latches can be used for many applications including body panels. Each latch can handle up to 90 kilos of force and can easily replace existing fasteners. There are a number of accessories available for these latches including pop springs and mounting cups. If the latch is used for a vehicle bonnet, then a secondary safety latch is recommended. Available in full polished and high gloss black.



ROUND HEAD STYLE	
PART NO:	DESCRIPTION
PFEQL10	QUICK LATCH 31MM HEAD DIA, 55MM STUD LENGTH SILVER
PFEQL10BK	QUICK LATCH 31MM HEAD DIA, 55MM STUD LENGTH BLACK
PFEQL15	QUICK LATCH 44MM HEAD DIA, 75MM STUD LENGTH SILVER
PFEQL15BK	QUICK LATCH 44MM HEAD DIA, 75MM STUD LENGTH BLACK
PFEQL20	QUICK LATCH 59MM HEAD DIA, 75MM STUD LENGTH SILVER
PFEQL20BK	QUICK LATCH 59MM HEAD DIA, 75MM STUD LENGTH BLACK

Z HEAD STYLE	
PART NO:	DESCRIPTION
PFEQLZ370	QUICK DZUS/Z STYLE LATCH SMALL SILVER, 1.06" CENTRES
PFEQLZ370BK	QUICK DZUS/Z STYLE LATCH SMALL BLACK, 1.06" CENTRES
PFEQLZ500	QUICK DZUS/Z STYLE LATCH LARGE SILVER, 1.35" CENTRES
PFEQLZ500BK	QUICK DZUS/Z STYLE LATCH LARGE BLACK, 1.35" CENTRES

ACCESSORIES	
PART NO:	DESCRIPTION
PFEQLC	CUP FOR Z HEAD AND 31MM ROUND HEAD FASTENERS
PFEQLSK	5PCS SPRING KIT

## LATCHES



SLIDE LATCHES		NARROW TOGGLE LATCHES		DZUS SECONDARY LOCK LATCHES		CAMLOC SECONDARY LOCK LATCHES	
PART NO:	DESCRIPTION	PART NO:	DESCRIPTION	PART NO:	DESCRIPTION	PART NO:	DESCRIPTION
1500	SLIDE LATCH	TL802-B	TOGGLE LATCH	TL100AX	SECONDARY LOCK LATCH	V95L1041X1	SECONDARY LATCH
150003	SLIDE LATCH BUSH	TL802-2	TOGGLE LATCH STRIKE	TL100-5	STRIKE FOR ABOVE LATCH	V95L171AGV	STRIKE FOR LATCH

### OUR SUPPLIERS



### FASTENERS

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 FOR TYRAPS & LOCKWIRE SEE PAGE 67  
 FOR TAPES SEE PAGE 68  
 FOR HOSE CLIPS SEE PAGE 90  
 FOR NUTS & BOLTS SEE PAGES 94-96





**AEROLOC**

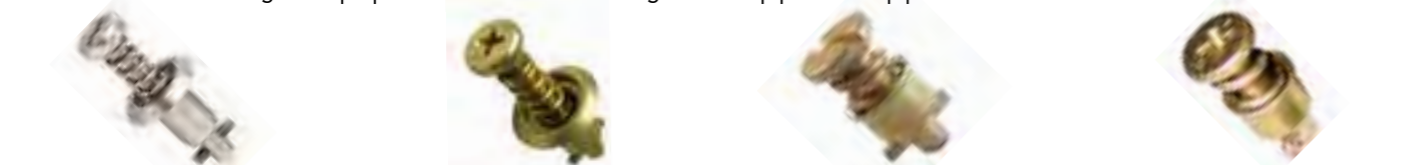
AeroLoc is the result of extensive R&D between SFC and Camloc which addresses some common customer issues with similar products already available in the market. AeroLoc provides a consistent, durable and reliable flush fitting fastener that stays locked in place.



PART NUMBERS						
200-1000 SERIES	200-1100 SERIES	200-5000 SERIES	200-5100 SERIES	GRIP MIN MAX	SHIM	RECEPTACLE
200-1007	200-1107	200-5007	200-5107	3.55-4.30	205-9015	205-1000
200-1007	200-1107	200-5007	200-5107	4.30-5.10	205-9018	205-1000
200-1007	200-1107	200-5007	200-5107	5.10-5.85	N/A	205-1000
200-1008	200-1108	200-5008	200-5108	5.85-6.60	N/A	205-1000
200-1009	200-1109	200-5009	200-5109	6.60-7.30	N/A	205-1000
200-1010	200-1110	200-5010	200-5110	7.30-8.15	N/A	205-1000
200-1011	200-1111	200-5011	200-5111	8.15-8.99	N/A	205-1000

**CAMLOC 1/4 TURN FASTENERS**

Camloc 2600/2658 series general purpose 1/4 turn fasteners. Integral stud cup protects top panel surface from abrasion.



CAMLOC 1/4 TURN 2600 FASTENERS	
PART NO:	FASTENING DEPTH
2600-1	0.76-1.51MM SLOT HEAD
2600-2	1.52-2.27MM SLOT HEAD
2600-3	2.28-3.03MM SLOT HEAD
2600-4	3.04-3.80MM SLOT HEAD
2600-5	3.81-4.56MM SLOT HEAD
2600-6	4.57-5.32MM SLOT HEAD
2600-7	5.33-6.08MM SLOT HEAD
2600-8	6.09-6.84MM SLOT HEAD
2600-9	6.85-7.61MM SLOT HEAD
2600-10	7.62-8.37MM SLOT HEAD
PART NO:	DESCRIPTION
2600-LW	RETAINING WASHER
212-12	RECEPTACLE

CAMLOC 1/4 TURN 2658 FASTENERS	
PART NO:	FASTENING DEPTH - TYPE
2658-1	0.76-1.51MM CROSS HEAD
2658-2	1.52-2.27MM CROSS HEAD
2658-3	2.28-3.03MM CROSS HEAD
2658-4	3.04-3.80MM CROSS HEAD
2658-5	3.81-4.56MM CROSS HEAD
2658-6	4.57-5.32MM CROSS HEAD
2658-7	5.33-6.08MM CROSS HEAD
2658-8	6.09-6.84MM CROSS HEAD
2658-9	6.85-7.61MM CROSS HEAD
2658-10	7.62-8.37MM CROSS HEAD
PART NO:	DESCRIPTION
2600-LW	RETAINING WASHER
212-12	RECEPTACLE

CAMLOC 1/4 TURN 4002 FASTENERS	
PART NO:	FASTENING DEPTH - TYPE
4002-5	3.55-4.30MM SLOT HEAD
4002-6	4.30-5.10MM SLOT HEAD
4002-7	5.10-5.85MM SLOT HEAD
4002-8	5.85-6.60MM SLOT HEAD
4002-9	6.60-7.30MM SLOT HEAD
4002-10	7.30-8.15MM SLOT HEAD
4002-11	8.15-8.90MM SLOT HEAD
4002-12	8.90-9.65MM SLOT HEAD
4002-13	9.65-10.40MM SLOT HEAD
4002-14	10.40-11.20MM SLOT HEAD
4002-15	11.20-11.95MM SLOT HEAD
PART NO:	DESCRIPTION
4002-N*	GROMMET
R4G	RETAINING RING
214-16	RECEPTACLE

CAMLOC 1/4 TURN 4055 FASTENERS	
PART NO:	FASTENING DEPTH - TYPE
4055-5	3.55-4.30MM CROSS HEAD
4055-6	4.30-5.10MM CROSS HEAD
4055-7	5.10-5.85MM CROSS HEAD
4055-8	5.85-6.60MM CROSS HEAD
4055-9	6.60-7.30MM CROSS HEAD
4055-10	7.30-8.15MM CROSS HEAD
4055-11	8.15-8.90MM CROSS HEAD
4055-12	8.90-9.65MM CROSS HEAD
4055-13	9.65-10.40MM CROSS HEAD
4055-14	10.40-11.20MM CROSS HEAD
4055-15	11.20-11.95MM CROSS HEAD
PART NO:	DESCRIPTION
4002-N*	GROMMET
R4G	RETAINING RING
214-16	RECEPTACLE



**PANEX 1/4 TURN FASTENERS**

The Panex 1/4 Turn Fastener range is one of the best known quick release fastening systems in the world today. Retention of the stud is achieved with either a plastic or steel retainer. The receptacle is either push-on (requiring minimal preparation) or rivet-on. The quarter turn studs listed are 6mm diameter.



PANEX 1/4 TURN 316-1 SLOT HEAD FASTENERS	
PART NO:	FASTENING DEPTH - TYPE
316-110-190	2.5-3.4MM SLOT HEAD, ZINC PLATED
316-111-190	3.5-4.4MM SLOT HEAD, ZINC PLATED
316-112-190	4.5-5.4MM SLOT HEAD, ZINC PLATED
316-113-190	5.5-6.4MM SLOT HEAD, ZINC PLATED
316-114-190	6.5-7.4MM SLOT HEAD, ZINC PLATED
316-115-190	7.5-8.4MM SLOT HEAD, ZINC PLATED
316-116-190	8.5-9.4MM SLOT HEAD, ZINC PLATED
316-117-190	9.5-10.4MM SLOT HEAD, ZINC PLATED
316-118-190	10.5-11.4MM SLOT HEAD, ZINC PLATED
316-119-190	11.5-12.4MM SLOT HEAD, ZINC PLATED
316-120-190	12.5-13.4MM SLOT HEAD, ZINC PLATED
316-121-190	13.5-14.4MM SLOT HEAD, ZINC PLATED
316-122-190	14.5-15.4MM SLOT HEAD, ZINC PLATED
316-123-190	15.5-16.4MM SLOT HEAD, ZINC PLATED
316-124-190	16.5-17.4MM SLOT HEAD, ZINC PLATED

RECEPTACLES & RETAINERS	
PART NO:	DESCRIPTION
336-400-190	RIVET-ON RECEPTACLE
336-300-190	PUSH-ON RECEPTACLE
326-100-040	6MM PLASTIC RETAINER
326-101-190	STAINLESS RETAINER

PANEX 1/4 TURN 316-4 D-RING FASTENERS	
PART NO:	FASTENING DEPTH - TYPE
316-410-190	2.5-3.4MM D-RING HEAD, ZINC PLATED
316-411-190	3.5-4.4MM D-RING HEAD, ZINC PLATED
316-412-190	4.5-5.4MM D-RING HEAD, ZINC PLATED
316-413-190	5.5-6.4MM D-RING HEAD, ZINC PLATED
316-414-190	6.5-7.4MM D-RING HEAD, ZINC PLATED
316-415-190	7.5-8.4MM D-RING HEAD, ZINC PLATED
316-416-190	8.5-9.4MM D-RING HEAD, ZINC PLATED
316-417-190	9.5-10.4MM D-RING HEAD, ZINC PLATED
316-418-190	10.5-11.4MM D-RING HEAD, ZINC PLATED
316-419-190	11.5-12.4MM D-RING HEAD, ZINC PLATED
316-420-190	12.5-13.4MM D-RING HEAD, ZINC PLATED
316-421-190	13.5-14.4MM D-RING HEAD, ZINC PLATED
316-422-190	14.5-15.4MM D-RING HEAD, ZINC PLATED
316-423-190	15.5-16.4MM D-RING HEAD, ZINC PLATED
316-424-190	16.5-17.4MM D-RING HEAD, ZINC PLATED



**AEROCATCH KITS**

AeroCatch® are aerodynamic, low profile bonnet pins and panel fasteners setting new standards in panel fixing providing a wide variety of fixing solutions.

The 120 & 125 Series are the most popular from the AeroCatch® bonnet pin range and are available in black and carbon look, locking and non locking for circuit use and the Xtreme Aerocatches are for rally or off road use.

AeroCatch® 320 & 325 series offers an aerodynamic, high strength tension latch for securely fastening panels together with the added feature of a shear engagement tongue allowing the latch to carry loads in 3 axis and is most commonly used for sports car bodywork.



ABOVE PANEL AEROCATCH KITS	
PART NO:	DESCRIPTION
120-2000	ABOVE PANEL NON LOCKING STD BLACK
120-2100	ABOVE PANEL LOCKING STD BLACK
120-3000	ABOVE PANEL NON LOCKING CARBON LOOK
120-3100	ABOVE PANEL LOCKING CARBON LOOK
120-4000	ABOVE PANEL NON LOCKING XTREME
120-4100	ABOVE PANEL LOCKING XTREME
320-2000	ABOVE PANEL AEROCATCH 3

BELOW PANEL AEROCATCH KITS	
PART NO:	DESCRIPTION
125-2000	BELOW PANEL NON LOCKING STD BLACK
125-2100	BELOW PAEL LOCKING STD BLACK
125-3000	BELOW PANEL NON LOCKING CARBON LOOK
125-3100	BELOW PANEL LOCKING CARBON LOOK
125-4000	BELOW PANEL NON LOCKING XTREME
125-4100	BELOW PANEL LOCKING XTREME
325-2000	BELOW PANEL AEROCATCH 3

**BONNET PINS**

These competition bonnet pin kits are used worldwide to keep bonnets and tailgates firmly closed during the heat of competition. Available in steel, stainless steel and multiple colour options in aluminium. As used by top teams for many years.

BONNET PINS	
PART NO:	DESCRIPTION
BON PIN	STEEL BONNET PINS
BPAB400	BLUE ALLOY
BPAG400	GOLD ALLOY
BPAR400	RED ALLOY
BPAS400	SILVER ALLOY
BPBA400	BLACK ALLOY
GE52	STAINLESS BONNET PINS
BONNET PIN PLATES	
PART NO:	DESCRIPTION
GE515BL	BLACK RECESSED PIN PLATES
GE515S	SILVER RECESSED PIN PLATES
QUICK RELEASE BONNET PINS	
PART NO:	DESCRIPTION
GE58	QUICK RELEASE BONNET PIN KIT



**BONNET/BOOT HOOK FASTENERS**

These competition bonnet and boot hook fasteners are used worldwide by teams competing in a variety of different motorsports. Ideal for keeping bonnets and boots firmly closed during the heat of competition. As used by race car teams for many years.

PART NO:	DESCRIPTION
TER CLI	TERRY'S SPRING CLIP
TER HOO	TERRY'S HOOKS
GE53	STAINLESS BOOT SPRING KIT
GE53B	BLACK BOOT SPRING KIT
GE62	RUBBER BONNET HOOK SMALL
GE63	RUBBER BONNET HOOK LARGE
GE66	BONNET/BOOT LOCK FLUSH
GE67	LEATHER BONNET STRAPS PAIR

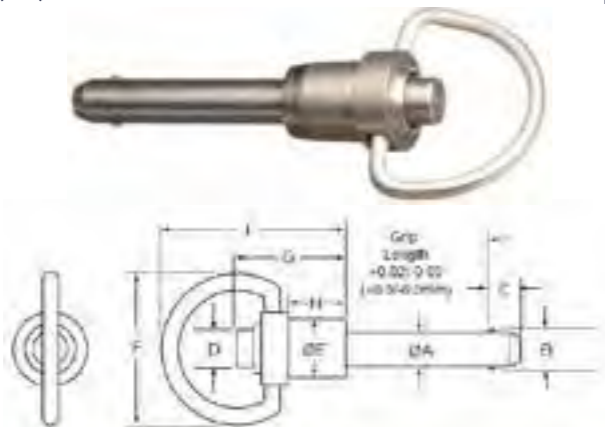




PIP PINS

Racetech Ring Handle Kwik Lock Pins (KLP) made from heat treated 17-4 PH stainless steel to MS17987 spec.

PART NO:	DIAMETER - LENGTH
800216	1/4" X 0.50"
800217	1/4" X 0.75"
800218	1/4" X 1.00"
800219	1/4" X 1.25"
800220	1/4" X 1.50"
800221	1/4" X 1.75"
800222	1/4" X 2.00"
800224	1/4" X 2.50"
800225	1/4" X 3.00"
800227	1/4" X 4.00"
800232	5/16" X 0.50"
800233	5/16" X 0.75"
800234	5/16" X 1.00"
800235	5/16" X 1.25"
800236	5/16" X 1.50"
800237	5/16" X 1.75"
800238	5/16" X 2.00"
800240	5/16" X 2.50"
800241	5/16" X 3.00"
800243	5/16" X 4.00"
800248	3/8" X 0.50"
800249	3/8" X 0.75"
800250	3/8" X 1.00"
800251	3/8" X 1.25"
800252	3/8" X 1.50"
800253	3/8" X 1.75"
800254	3/8" X 2.00"
800256	3/8" X 2.50"
800257	3/8" X 3.00"
800259	3/8" X 4.00"



Ring-Handle Specifications - Inch

Part No	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1/4	2470	2485	269	250	14	7/16	1 1/8	13/16	20/64	1 11/32										
5/16	3095	3110	375	330	14	7/16	1 1/8	27/32	20/64	1 11/32										
3/8	3720	3735	440	395	5/16	9/16	1 3/8	1	19/32	1 1/2										

DETENT RING PINS

Detent ring pins made from zinc plated steel.

PART NO:	DIAMETER - LENGTH
DRI-11	1/4" X 0.750"
DRI-12	1/4" X 1.000"
DRI-13	1/4" X 1.250"
DRI-14	1/4" X 1.500"
DRI-15	1/4" X 1.750"
DRI-16	1/4" X 2.000"
DRI-17	1/4" X 2.250"
DRI-18	1/4" X 2.500"
DRI-20	1/4" X 3.000"
DRI-30	5/16" X 1.000"
DRI-31	5/16" X 1.125"
DRI-32	5/16" X 1.500"
DRI-33	5/16" X 1.625"
DRI-34	5/16" X 2.000"
DRI-35	5/16" X 2.125"
DRI-36	5/16" X 2.500"
DRI-38	5/16" X 3.000"
DRI-50	3/8" X 1.000"
DRI-51	3/8" X 1.125"
DRI-52	3/8" X 1.500"
DRI-53	3/8" X 1.625"
DRI-54	3/8" X 2.000"
DRI-55	3/8" X 2.125"
DRI-56	3/8" X 2.500"
DRI-58	3/8" X 3.000"
DRI-70	7/16" X 1.000"
DRI-74	7/16" X 2.000"
DRI-76	7/16" X 2.500"
DRI-78	7/16" X 3.000"
DRI-91	1/2" X 1.000"



LIVELOCK

FLUSH HEAD HEX RECESS SLOTTED SHANK		FLUSH HEAD HEX RECESS		PAN HEAD HEX RECESS		LIVELOCK ACCESSORIES	
PART NO:	DESCRIPTION	PART NO:	DESCRIPTION	PART NO:	DESCRIPTION	PART NO:	DESCRIPTION
CA18121-0	0.098-0.155" GRIP RANGE	CA1820-0	0.098-0.155" GRIP RANGE	CA1824-0	0.098-0.155" GRIP RANGE	CA18157	2 LUG LIGHT RECEPTACLE
CA18121-1	0.156-0.250" GRIP RANGE	CA1820-1	0.156-0.250" GRIP RANGE	CA1824-1	0.156-0.250" GRIP RANGE	CA18062	LIVESERT RECEPTACLE
CA18121-2	0.251-0.343" GRIP RANGE	CA1820-2	0.251-0.343" GRIP RANGE	CA1824-2	0.251-0.343" GRIP RANGE	CA18125	WIRE FORM RING
CA18121-3	0.344-0.437" GRIP RANGE	CA1820-3	0.344-0.437" GRIP RANGE	CA1824-3	0.344-0.437" GRIP RANGE	CA18132	SOLID 3 TAB RING
CA18121-4	0.438-0.531" GRIP RANGE	CA1820-4	0.438-0.531" GRIP RANGE	CA1824-4	0.438-0.531" GRIP RANGE	LM4076	SPIRAL RING
CA18121-5	0.532-0.625" GRIP RANGE	CA1820-5	0.532-0.625" GRIP RANGE	CA1824-5	0.532-0.625" GRIP RANGE	CA18377	WIRE FORM CAGED RING

KEENSERTS

METRIC LIGHTWEIGHT NON-LOCKING			METRIC HEAVYDUTY NON-LOCKING			UNF LIGHTWEIGHT NON-LOCKING			UNF HEAVYDUTY NON-LOCKING		
PART NO:	INTERNAL	EXTERNAL	PART NO:	INTERNAL	EXTERNAL	PART NO:	INTERNAL	EXTERNAL	PART NO:	INTERNAL	EXTERNAL
KNM5X0.8	5X0.8	8X1.25	KNHM5X0.8	5X0.8	8X1.25	KN1032J	10/32	5/16	KNH1032J	10/32	5/16
KNM6X1.0	6X1.0	10X1.25	KNHM6X1.0	6X1.0	10X1.25	KN428J	1/4	3/8	KNH428J	1/4	3/8
KNM8X1.25	8X1.25	12X1.25	KNHM8X1.25	8X1.25	12X1.25	KN524J	5/16	7/16	KNH524J	5/16	7/16
KNM10X1.5	10X1.5	14X1.5	KNHM10X1.5	10X1.5	14X1.5	KN624J	3/8	1/2	KNH624J	3/8	1/2

METRIC LIGHTWEIGHT LOCKING			METRIC HEAVYDUTY LOCKING			UNF LIGHTWEIGHT LOCKING			UNF HEAVYDUTY LOCKING		
PART NO:	INTERNAL	EXTERNAL	PART NO:	INTERNAL	EXTERNAL	PART NO:	INTERNAL	EXTERNAL	PART NO:	INTERNAL	EXTERNAL
KNML5X0.8	5X0.8	8X1.25	KNHML5X0.8	5X0.8	8X1.25	KNL1032J	10/32	5/16	KNHL1032J	10/32	5/16
KNML6X1.0	6X1.0	10X1.25	KNHML6X1.0	6X1.0	10X1.25	KNL428J	1/4	3/8	KNHL428J	1/4	3/8
KNML8X1.25	8X1.25	12X1.25	KNHML8X1.25	8X1.25	12X1.25	KNL524J	5/16	7/16	KNHL524J	5/16	7/16
KNML10X1.5	10X1.5	14X1.5	KNHML10X1.5	10X1.5	14X1.5	KNL624J	3/8	1/2	KNHL624J	3/8	1/2

HELICOILS

METRIC HELICOILS PACK 10		METRIC HELICOIL KITS		IMPERIAL HELICOILS PACK 10		UNF HELICOIL KITS	
PART NO:	DESCRIPTION	PART NO:	DESCRIPTION	PART NO:	DESCRIPTION	PART NO:	DESCRIPTION
25052	M5X0.8 HELICOILS	35058	M5X0.8 HELICOIL KIT	24603	10/32UNF HELICOILS	34608	10/32UNF HELICOIL KIT
25062	M6X1.0 HELICOILS	35068	M6X1.0 HELICOIL KIT	24043	1/4UNF HELICOILS	34048	1/4UNF HELICOIL KIT
25083	M8X1.25 HELICOILS	35088	M8X1.25 HELICOIL KIT	24053	5/16UNF HELICOILS	34058	5/16UNF HELICOIL KIT
25103	M10X1.5 HELICOILS	35108	M10X1.5 HELICOIL KIT	24063	3/8UNF HELICOILS	34068	3/8UNF HELICOIL KIT
27123	M12X1.5 HELICOILS	35128	M12X1.5 HELICOIL KIT	24073	7/16UNF HELICOILS	34078	7/16UNF HELICOIL KIT

# Fluids & Lubricants



OUR SUPPLIERS



FLUIDS & LUBRICANTS

MILLERS OILS	52
ROCK OILS, CASTROL OIL & BRAKE FLUID, REDLINE OILS & GREASES	53
PROLONG SUPER LUBRICANTS, THREEBOND & EVANS WATERLESS COOLANT	54
MISC FLUIDS, LUBRICANTS, GREASES & SEALANTS	55

FOR AP BRAKE FLUID SEE PAGE 12  
FOR CUSTOM MADE HOSES SEE PAGE 75  
FOR HOSES & FITTINGS SEE PAGES 76-86





Established in 1887, Millers Oils range of specialist Motorsport products are developed in close partnership with leading motorsport teams. This helps Millers to refine and improve product effectiveness under extreme race conditions. This winning formula results in a world class product range providing incredible performance and protection. The Nanodrive Technology range (NT) is where Millers are able to dramatically reduce friction through the use of spherical nanoparticle structures in the oil formulations. The formulations reduce high load friction at extreme pressures, reducing engine component wear and increasing engine power.

**ENGINE OILS**

- CFS 0W20 / CFS 0W20NT**  
Competition fully synthetic oil. For modern competition engines where maximum power release is required. Formulated for use in qualifying or shorter duration events where the engine is suitable to take advantage of this low friction lubricant. Competition use only.
- CFS 5W40 / CFS 5W40NT**  
Competition fully synthetic oil. Suitable for fast road, race, rally, sprints and hill climbs. Ideal for engines with hydraulic tappets eg Zetec.
- CFS 10W40**  
Competition fully synthetic oil. Suitable for smaller capacity race and rally engines up to approx 1500cc and turbocharged engines for fast road and track days.
- CFS 10W50 / CFS 10W50NT**  
Competition fully synthetic oil. For race and rally engines, and especially suited to modified, high performance vehicles with or without turbos for fast road and track day.
- CFS 10W60 / CFS 10W60NT**  
Competition fully synthetic oil. For larger race and rally engines with or without turbocharges, especially where subject to severe and high stress conditions.
- CFS 15W60**  
Competition fully synthetic oil. A slightly heavier base viscosity to provide maximum protection in high ambient temperatures and highly stressed applications. Ideal with turbocharged engines and the extremes of endurance racing and rallying.
- COR 20W50**  
Competition synthetic fortified mineral oil. Formulated primarily for short circuit racing.
- CSS 20W60**  
Competition semi synthetic engine oil. High viscosity specially designed to protect competition engines running at very high temperatures and/or endurance events. Ideal for older engines.
- CB40**  
SAE 40 competition castor based engine oil for 4 stroke engines.
- CTV 20W50**  
Unique competition semi synthetic 20w50 with EP levels of gear protection. Specially formulated for classic minis where the engine and gearbox share a common oil.
- CRO 10W40**  
Competition running in oil. A mineral oil, carefully formulated to protect engine components and speed up the bedding in process. A race engine must not be run in on a semi or fully synthetic race oil.

**TRANSMISSION OILS**

- CRX 75W90 NT**  
Fully synthetic lightweight transmission oil for synchromesh gearboxes and transaxles. Incorporates NANODRIVE technology to further reduce friction and increase gear life.
- CRX LS 75W90 NT**  
Fully synthetic lightweight transmission oil for limited slip differentials, non synchro and sequential gearboxes. Incorporates NANORIVE technology to further reduce friction and increase gear life.
- CRX 75W140 NT**  
Fully synthetic heavy duty transmission oil for synchromesh gearboxes and transaxles. Incorporates NANODRIVE technology to further reduce friction and increase gear life.
- CRX LS 75W140 NT**  
Fully synthetic heavy duty transmission oil for limited slip differentials, non synchro and sequential gearboxes. With ultimate shock protection and NANODRIVE technology to further reduce friction and increase gear life.

**FUEL TREATMENTS**

- CVL TURBO**  
Ultra high performance octane booster for use with unleaded petrol to maximise engine performance, ideal for turbo engines. Adds up to 4 octane (40 octane points). One 500ml bottle will treat 20 litres of unleaded fuel.
- CVL**  
Competition valve lubricant. The original CVL remains the most efficient solution for running older competition engines, and engines without knock detection and sophisticated engine management systems on unleaded fuel. CVL lubricates valves, controls the flame front and prevents detonation.  
Adds up to 3 octane (30 octane points). One 250ml bottle will treat 20 litres of unleaded fuel.

**OTHER PRODUCTS**

- RACING BRAKE FLUID 300 PLUS**  
Extremely high dry boiling point, at least 310°C, with exceptional resistance to vapour locking and good compressibility for improved brake feel. 500ml bottle.
- EXTRA COOL**  
Corrosion inhibitor and coolant enhancer. Improves laminar flow, thereby increasing coolant efficiency and reducing operating temperatures by up to 15°C. Prevents electrolytic corrosion of magnesium and aluminium castings. One 250ml bottle will treat 10 litres of coolant.
- RED RUBBER GREASE**  
Silica and castor based grease. Developed for piston seals in brake circuit applications and for the lubrication of rubber and associated components which are in contact with rubber.



Rock Oil has long supported motorsport in the motorcycle market and lubricated the engines of world champions. This expertise and desire to offer only the best possible products has resulted in the development of the carbon series 100% synthetic automotive racing oils.

The carbon series marks a major breakthrough for not only the R&D team at Rock Oil but for the lubricant industry as a whole. Utilising the very latest chemical technology it delivers the ultimate in performance and protection for race and road engines. This development, in conjunction with extensive field trials with leading racing teams has resulted in a significant breakthrough in lubrication performance.

**ENGINE OILS**

- 5W30**  
Competition 5W30 fully synthetic oil for maximum power release in competition engines. Ideal for sprint racing or high performance fast road or track day petrol engines.
- 0W40**  
Competition 0W40 fully synthetic for maximum power release in competition engines. Suitable for a wide range of Motorsport applications where 0W40, 5W40 and 10W40 are specified.
- 10W50**  
Competition 10W50 fully synthetic oil for maximum power release in competition engines. Suitable for applications including endurance, rally and heavily modified engines. Also suitable for use in larger capacity normally aspirated and turbo charged performance engines.
- 10W60**  
Competition 10W60 fully synthetic oil for maximum power release in competition engines. Suitable for applications including highly stressed endurance, rally and larger capacity normally aspirated and turbo charged competition engines.



Since 1906 Castrol has developed its business and products around a passion for Racing.

**ENGINE OILS**

- CASTROL EDGE 10W60 ENGINE OIL**  
Edge is a fully synthetic formulation. With the aim of delivering a smooth, cool & powerful ride. Formulated to provide superb strength, Deliver race proven power and performance for highly tuned competition engines. Available in 1L and 4L bottles.
- CASTROL R40 ENGINE OIL**  
Castrol R40 provides the ultimate in lubrication. A castor based lubricant which is primarily designed for the racing world; however its unique properties can also benefit private owners interested in high performance. Available in 4L bottles.



**GEAR/LSD OILS**

- CASTROL SYNTRAX 75W140 LSD OIL**  
Fully synthetic SAE 75W-140 hypoid gear oil, formulated for use in both conventional and limited slip differentials. Formerly SAF-XJ. Available in 1L bottles.
- CASTROL B373 OIL**  
Castrol B373 is a mineral based extreme pressure gear oil which combines limited slip performance with excellent load carrying ability. Particularly suitable for use in limited slip final drives. Available in 1L bottles.

**BRAKE FLUID**

- CASTROL SRF BRAKE FLUID**  
SRF Brake fluid is specifically formulated for professional motorsport where extreme braking conditions are encountered. It has an exceptionally high dry boiling point, as well as having brilliant anti vapour lock properties ensuring consistent high performance. Available in 1L bottles.



**TRANSMISSION OILS**

- HEAVY SHOCKPROOF GEAR OIL**  
Red Line shockproof gears oil are a unique lubricant that contains solid microscopic particles that offer low drag with high protection. Heavy shockproof is ideal for heavily-loaded racing differentials and transmissions. Film thickness greater than an SAE 75W250, yet low fluid friction like 75W90.
- LIGHTWEIGHT SHOCKPROOF GEAR OIL**  
Red Line shockproof gears oil are a unique lubricant that contains solid microscopic particles that offer low drag with high protection. Light shockproof is ideal for racing differentials under moderate load. Film thickness greater than an SAE 75W140, yet low fluid friction like 80W gear oil.
- SUPERLIGHT SHOCKPROOF GEAR OIL**  
Red Line shockproof gear oils are a unique lubricant that contains solid microscopic particles that offer low drag with high protection. Superlight shockproof is ideal for low-power dog-ring racing transaxles with moderate to low load. Film thickness greater than an SAE 75W90, yet low fluid friction.

**OTHER PRODUCTS**

- WATER WETTER**  
Coolant additive is a unique agent for cooling systems that doubles the wetting ability of water. Water wetter reduces or eliminates bubbles or vapor barrier that form on hot metal surfaces to reduce coolant temperatures by up to 20°
- CV-2 GREASE**  
Red Line CV-2 Grease is designed to withstand the extreme temperatures and pressures which occur in high-performance wheel bearings and CV-joints. The excellent high temperature stability, extreme pressure protection and water resistance enables it to out-perform even the best conventional or synthetic greases.
- ASSEMBLY LUBE**  
Red Line Assembly Lube is designed to be used as a lubricant to apply to potential wear surfaces before assembly in order to prevent metal contact upon startup before adequate lubrication is supplied.







Raceparts are the official UK distributors for Prolong Super Lubricants. Prolong's Anti-Friction Metal Treatment (AFMT) advanced technology is unique worldwide. Prolong's AFMT technology doesn't just enhance motor oils, transmission fluids, gear oils, and other lubricants. The AFMT formula actually treats and modifies the surface of the metal. AFMT is a highly specialized extreme-pressure lubricant that is formulated with Prolong's proprietary technology, which has been proven to be a superior lubricant capable of dramatically reducing heat and friction in all applications.

**ENGINE TREATMENT**

Prolong Engine Treatment is formulated with Prolong's AFMT™ advanced technology to treat the metal surfaces of both petrol and diesel fuelled engines. As motor oil is pumped through the engine, Prolong Engine Treatment molecules interact with all of the metal surfaces, chemically bonding to create a protective layer that reduces damaging friction and heat. Helps protect the engine in the event of oil or coolant loss and optimizes fuel economy. Does not contain solids, PTFE's, Moly's, Zinc, Copper or Graphite.



**TRANSMISSION TREATMENT**

Prolong Transmission Treatment is formulated with Prolong's AFMT™ (Anti-Friction Metal Treatment) advanced technology to treat the metal surfaces of both manual and automatic transmissions. As the transmission fluid or gear oil circulates, Prolong Transmission Treatment molecules interact with all of the metal surfaces, chemically bonding to create a protective layer that reduces potentially damaging friction and heat. Additionally, using Prolong Transmission Treatment helps restore and promote smoother and more responsive shifts in automatic transmissions, especially in critical quick-acceleration conditions.



**SUPER PENETRATING LUBRICANT**

This multi-purpose spray lubricant does it all... superior lubrication, penetration and elimination of rust, displacement of moisture and metal protection against elements and corrosion. Once you've tried it, you will never use anything else. Formulated with the advanced AFMT formula it lubricates and protects metal to reduce friction and wear, penetrates and frees rusted parts and sticky mechanisms also displacing moisture and preventing corrosion.



**EXTREME PERFORMANCE GREASE**

Prolong EP-2 with AFMT is a Calcium Sulfonate grease, which is characterized by exceptional corrosion protection, high dropping point and mechanical stability.

Due to its unique chemistry, Prolong EP-2 with AFMT provides superior protection against corrosion in harsh, environments. The very high load carrying ability, excellent resistance to water, oxidation and corrosion, and outstanding performance in a wide temperature range.



**ANTI FRICTION METAL TREATMENT**

Prolong AFMT™ Multi-Purpose Lubricant Concentrate is formulated with Prolong's AFMT™ advanced technology to treat all metal surfaces through a molecular and chemical process. This creates a unique, superior resistance to extreme pressure friction and heat, major enemies of equipment life and efficient economical performance. Prolong AFMT Multi Purpose Lubricant Concentrate helps reduce operating overhead by keeping equipment running dependably and efficiently.



**WATERLESS WASH & SHINE**

Simply spray on and wipe. No need for buckets, hoses, sponge or chamois, no rinsing or drying, and no mess to clean up. Special citrus-based formula cleans safely without scratching, leaving a just-waxed, professional finish.



**ThreeBond**

**TB1184 LIQUID GASKET**

Formulated to offer improved performance TB1184 is a semi-drying liquid gasket. After application it forms a rubber-like elastic body. Excellent resistance to water, oil and fuel. 200g Tube.

PART NO:	VISCOSITY MPA.S	COLOUR	FEATURES
TB1184	9.5	GREY	TB1194 IS HIGHLY EFFECTIVE IN SEALING SURFACES WITH POOR FLATNESS OR LARGE GAPS

**TB1215 SILICONE RTV**

Single component, Solvent free & non-acid liquid gasket on RTV-Silicone basis (Room Temperature Vulcanizing) with low odour. Designed specifically as an automotive flange sealant with high chemical resistance.

PART NO:	VISCOSITY MPA.S	COLOUR	FEATURES
TB1215T	70	GREY	250GM TUBE, FOR USE ON GEARBOXES, OIL PANS, WATER PUMPS FRONT & HEAD COVERS.

**TB1530C MULTIPURPOSE MS POLYMER SEALANT**

Solvent free adhesive. Used to bond substrates including fabrics, leather, foams, ceramics, metals & plastics. High adhesion strength to most substrates without the need for primer pre-treatment.

PART NO:	VISCOSITY MPA.S	COLOUR	FEATURES
TB1530C	100	CLEAR	150GM TUBE. PROVIDES EXCELLENT WEATHER RESISTANCE.

**TB1110H PIPE AND FLANGE SEALANT**

Sealing agent containing Fluororesin which seals fitting joints such as hydraulic and pneumatic piping systems.

PART NO:	VISCOSITY MPA.S	COLOUR	FEATURES
TB1110H	35	CREAM	50GM TUBE. INSTANT SEALING, EXCELLENT CHEMICAL RESISTANCE.



**EVANS WATERLESS COOLANT**

**PREP FLUID**  
Evans Prep Fluid is formulated to hygroscopically absorb water whilst flushing loose dirt and scale from the cooling system prior to filling with Evans Waterless Coolant.

**POWERCOOL 180**  
Power Cool 180 is a waterless engine coolant designed for motorsport use, with a boiling point above 180°C eliminating over heating. Power Cool 180 also eliminates pre-ignition and detonation caused by overheating - improving combustion efficiency and delivering more power. Once in the cooling system, it will protect the engine for the duration of its life and never needs changing. Use Evans Prep Fluid before first use.

**CLASSIC COOL 180**  
For classic cars with engines primarily fabricated from cast iron with carbon steel, copper & aluminium components Raceparts recommends the Evans Classic Cool coolant. Similar to the Power Cool but specially formulated for classic engines.



**MISC PRODUCTS**



MOBIL 1 10W-60



VR1 5W50



VR1 10W60



VR1 20W50



WD40 500ML



ENDLESS RF-650



MOTUL RBF660



ZX 1 SUPER GREASE



MICROLUBE 35ML



GRIP 2.5LTR



HYLOMAR BLUE



732C90



DC4



COPASLIP 500G



COPASLIP 100G



RAIN-X REPELLENT



RAIN-X ANTI FOG



TORQUE SEAL



BRACLE5LT



ARDROX CRACK KIT





# Fuel System



## OUR SUPPLIERS



## FUEL SYSTEM

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## FACET LOW PRESSURE FUEL PUMPS & ACCESSORIES

An industry standard for over 60 years, these lightweight compact pumps can be found in almost every conceivable application.



Weight: 0.70kgs  
 Length: 140mm  
 Diameter: 54mm  
 Operating temp: -40 to +180F

FACET CYLINDRICAL FUEL PUMPS				
PART NO:	PRESSURE	MAX FLOW	PORTS	DESCRIPTION
SILTOP (476087)	4.0-5.5 PSI	30GPH	1/8NPT	SILVER TOP CYLINDRICAL PUMP
REDTOP (480532)	6.0-8.0 PSI	40GPH	1/4NPT	RED TOP CYLINDRICAL PUMP
BLUTOP (480534)	6.0-8.0 PSI	40GPH	1/4NPT	BLUE TOP CYLINDRICAL PUMP



Weight: 0.35kgs  
 Length: 85mm  
 Height: 60mm  
 Operating temp: -40 to +180F

FACET POSSI-FLOW PLASTIC FUEL PUMPS				
PART NO:	PRESSURE	MAX FLOW	PORTS	DESCRIPTION
60104	1.5-4.0 PSI	25GPH	1/8NPT	POSI-FLOW PLASTIC PUMP
60106	4.0-6.0 PSI	32GPH	1/8NPT	POSI-FLOW PLASTIC PUMP
60107	7.0-10.0 PSI	34GPH	1/8NPT	POSI-FLOW PLASTIC PUMP



LOW PRESSURE GLASS FILTERS	
PART NO:	DESCRIPTION
PRO804	SYTEC INLINE FILTER 6MM
PRO805	SYTEC INLINE FILTER 8MM
PRO806	SYTEC INLINE FILTER 10MM
PRO896	3 SPARE FILTER ELEMENTS

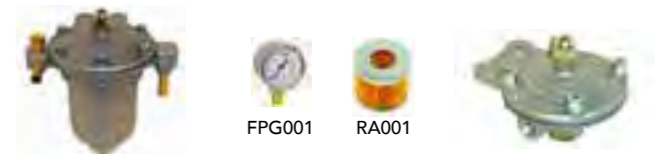


1-5PSI PRO FUEL REGULATORS	
PART NO:	DESCRIPTION
PRO53	SYTEC REGULATOR 6MM
PRO54	SYTEC REGULATOR 8MM
PRO55	SYTEC REGULATOR 10MM
PRO71	SYTEC REGULATOR -6



Weight: 0.50kgs  
 Length: 75mm  
 Height: 60mm  
 Operating temp: -40 to +180F

FACET SOLID STATE FUEL PUMPS				
PART NO:	PRESSURE	MAX FLOW	PORTS	DESCRIPTION
SOLSTA1 (40104)	2.0-4.0 PSI	25GPH	1/8NPT	SOLID STATE SQUARE PUMP
SOLSTA2 (40105)	3.0-4.0 PSI	30GPH	1/8NPT	SOLID STATE SQUARE PUMP
SOLSTA (40106)	4.0-7.0 PSI	32GPH	1/8NPT	SOLID STATE SQUARE PUMP
SOLSTA3 (40107)	7.0-10.0 PSI	34GPH	1/8NPT	SOLID STATE SQUARE PUMP



FACET POSSI-FLOW PLASTIC FUEL PUMPS				
PART NO:	PRESSURE	PORTS	FILTER	DESCRIPTION
PETKIN	1.5-7.0 PSI	8MM	N/A	PETROL KING REGULATOR ONLY
FPR005	1.5-7.0 PSI	8MM FIXED	RA001	67MM ALLOY BOWL FILTER KING
FPR007	1.5-7.0 PSI	8MM FIXED	RA002	85MM ALLOY BOWL FILTER KING
FPRV8/JIC	1.5-7.0 PSI	-6 JIC	RA002	85MM HIGH FLOW FILTER KING
FPRV8/NPT	1.5-7.0 PSI	1/8NPT FEM	RA002	85MM HIGH FLOW FILTER KING



FACET 90° PUMP ADAPTORS	
PART NO:	DESCRIPTION
FPA9001	90° 1/8 NPTF X 6MM P/ON
FPA9002	90° 1/8 NPTF X 10MM P/ON
FPA901	90° 1/8 NPTF X 8MM P/ON
FPA902/A	90° 1/4 NPTF X 8MM P/ON
FPA902/B	90° 1/4 NPTF X 10MM P/ON

FACET STRAIGHT PUMP ADAPTORS	
PART NO:	DESCRIPTION
FPA903/A	STRAIGHT 1/8 NPTF X 8MM P/ON
FPA903/B	STRAIGHT 1/8 NPTF X 6MM P/ON
FPA903/C	STRAIGHT 1/8 NPTF X 10MM P/ON
FPA904/A	STRAIGHT 1/4 NPTF X 8MM P/ON
FPA904/B	STRAIGHT 1/4 NPTF X 10MM P/ON



## SYTEC INJECTION FUEL PUMPS & ACCESSORIES

Sytec/Walbro out of tank injection pumps and accessories for high pressure applications.



SYTEC INJECTION FUEL PUMPS (CYLINDRICAL)				
PART NO:	DESCRIPTION	IN	OUT	MAX FLOW
FP601	MAX 7.0 BAR	8MM P/FIT	8MM P/FIT	220 LTR/H
FP603	MAX 7.5 BAR	12MM P/FIT	8MM P/FIT	220 LTR/H
FP604	MAX 8 BAR	12MM P/FIT	M12/BANJO	348 LTR/H
TCP020/3	MAX 9.5 BAR	-6 JIC	-6 JIC	348 LTR/H
TCP020/2	MAX 9.5 BAR	12MM	M12/BANJO	348 LTR/H
TCP020/1	MAX 9.5 BAR	12MM	8MM	348 LTR/H
TCP020/4	MAX 8 BAR	-8	-6	348 LTR/H
TCP012	MAX 2 BAR	8MM	8M	150 LTR/H
TCP013	MAX 6 BAR	12MM	8MM	220 LTR/H

SYTEC PUMP ACCESSORIES	
PART NO:	DESCRIPTION
MPB002BK	SYTEC INJECTION PUMP BRACKET - BLACK
MPBA001	SYTEC INJECTION PUMP SPARE SLEEVE



SYTEC BILLET HIGH PRESSURE FUEL FILTERS				
PART NO:	PRESSURE	PORTS	FILTER	DESCRIPTION
BULLETF1	10BAR	-6 MALE	BULLA02	BULLET FUEL FILTER
BULLETF2	10BAR	-8 MALE	BULLA02	BULLET FUEL FILTER
BULLETF3	10BAR	-8/-6 MALE	BULLA02	BULLET FUEL FILTER
BULLETA1	10BAR	8MM PUSH	BULLA02	BULLET FUEL FILTER
BULLETA3	10BAR	10MM PUSH	BULLA02	BULLET FUEL FILTER



FACET POSSI-FLOW PLASTIC FUEL PUMPS				
PART NO:	PRESSURE	PORTS	GAUGE PORT	DESCRIPTION
AIR004	1.5BAR	8MM	YES	ADJUSTABLE REGULATOR
AIR006	1-5BAR	-6	YES	ADJUSTABLE REGULATOR
AIR007	1-10BAR	8MM	YES	ADJUSTABLE REGULATOR
AIR008	1-10BAR	-6	YES	ADJUSTABLE REGULATOR



**FIA APPROVED REFUELLING BOTTLE ASSEMBLIES**

New modular refuelling bottle assembly. 25 litre bottles manufactured from blow moulded cross linked semi transparent polymer, using FIA approved refuelling valves and breathers. Assembly options include single, double or remote breathers. Double header assemblies shown come with horizontal handles, for vertical handles change assembly prefix to 0115- from 0110-.

PART NO:	DESCRIPTION
0105-3800	SINGLE BREATHER 1 1/2" STRAIGHT VALVE, ASSEMBLY
0105-3845	SINGLE BREATHER 1 1/2" 45° VALVE, ASSEMBLY
0105-5700	SINGLE BREATHER 2" STRAIGHT VALVE, ASSEMBLY
0105-5745	SINGLE BREATHER 2" 45° VALVE, ASSEMBLY
0110-3800	DOUBLE BREATHER 1 1/2" STRAIGHT VALVE, ASSEMBLY
0110-3845	DOUBLE BREATHER 1 1/2" 45° VALVE, ASSEMBLY
0110-5700	DOUBLE BREATHER 2" STRAIGHT VALVE, ASSEMBLY
0110-5745	DOUBLE BREATHER 2" 45° VALVE, ASSEMBLY
0120-3800	REMOTE BREATHER 1 1/2" STRAIGHT VALVE, ASSEMBLY
0120-3845	REMOTE BREATHER 1 1/2" 45° VALVE, ASSEMBLY
0120-5700	REMOTE BREATHER 2" STRAIGHT VALVE ASSEMBLY
0120-5745	REMOTE BREATHER 2" 45° VALVE ASSEMBLY



**FIA APPROVED REFUELLING EQUIPMENT**

Suitable for use with the refuelling bottle assemblies & rigs.

PART NO:	BOTTLE KIT SPARES, VALVE & ACCESSORIES
0105-0000	25L BOTTLE INC FILLER CAP, -12 90° VENT & -12 CAP
0160-2500	REFUELLING BOTTLE STAND
0170-3800	BOTTLE TO 1 1/2" VALVE ADAPTOR INC SLEEVE & CLIPS
0170-3845	BOTTLE TO 1 1/2" VALVE ADAPTOR 45°, SLEEVE & CLIPS
0170-5700	BOTTLE TO 2" VALVE ADAPTOR STR INC SLEEVE & CLIPS
0170-5745	BOTTLE TO 2" VALVE ADAPTOR 45° INC SLEEVE & CLIPS
0175-3812	1 1/2" VALVE TO -12 VENT ADAPTOR (NOT INC HOSE)
0175-5712	2" VALVE TO -12 VENT ADAPTOR (NOT INC HOSE)
4311-0050	-12 VENT HOSE INC FITTINGS FOR DOUBLE BREATHER
4311-0400	-12 VENT HOSE INC FITTINGS FOR REMOTE BREATHER 4M
0020-3810	1 1/2" SINGLE REFUELLING VALVE HANDLE
0020-5710	2" SINGLE REFUELLING VALVE HANDLE
0020-3820	1 1/2" TWIN REFUELLING VALVE HANDLE HORIZONTAL
0020-5720	2" TWIN REFUELLING VALVE HANDLE HORIZONTAL
0020-3825	1 1/2" TWIN REFUELLING VALVE HANDLE VERTICAL
0020-5725	2" TWIN REFUELLING VALVE HANDLE VERTICAL
0010-3800	1 1/2" MALE REFUELLING VALVE
0010-5700	2" MALE REFUELLING VALVE
0010-9000	2" HISTORIC MALE REFUELLING VALVE
0010-5705	2" MALE REFUELLING VALVE SNAPLOCK



**FIA APPROVED REFUELLING RIG & ACCESSORIES**

All FIA approved and suitable for use in endurance racing.

PART NO:	DESCRIPTION	NO:
0200-0000	REFUELLING RIG ALUMINIUM TANK 200LT	1
0230-0000	REFUELLING RIG LEG ASSEMBLY	2
4500-3800	1 1/2" SMOOTH BORE FILL HOSE X 5M	3
4505-3800	1 1/2" SMOOTH BORE VENT HOSE X 5M	4
0220-3300	REFUELLING RIG RESTRICTOR 33MM. FIA J 258-3	5
0220-2950	REFUELLING RIG RESTRICTOR 29.5MM. FIA J 258	6
0220-3800	REFUELLING RIG RESTRICTOR 38MM. FIA A/10	7
0210-0000	REFUELLING RIG FLAME ARRESTOR	8
0210-0200	DISCRIMINATOR VALVE	9
RTTCC-32D	-32 TUBE CONNECTOR X 2 REQUIRED	10
0210-0300	REFUELLING RIG FLAME TRAP MANIFOLD	11
0210-0900	REFUELLING RIG FLAME TRAP 'U' SECTION	12
0200-0200	REFUELLING RIG HEAT COVER	-
0230-0200	REFUELLING RIG PIT LANE TROLLEY	-
0230-0250	REFUELLING RIG PIT LANE TROLLEY AIR BOOM	-
0202-1250	REFUELLING RIG SIGHT GAUGE. FIA J 258	-
0240-0000	FIA VENT HOSE DRAIN BOTTLE	13



**FIA APPROVED UNIVERSAL FUEL CELLS**

Approved to the FIA FT3 standard Premier fuel cells are available in 14 different capacities and are supplied with safety foam and cover plate including pick up, breather and return. There are two types available: a standard foam filled cell or a foam filled cell with an internal 3 flap collector. An aluminium case with retaining straps is also available.

CAPACITY	DIMENSIONS	BLADDER ONLY	3 FLAP COLLECTOR	ALLOY CASE
10 LITRE	250X250X200MM	1110-0010	1120-0010	1150-0010
15 LITRE	250X300X250MM	1110-0015	1120-0015	1150-0015
20 LITRE	250X350X250MM	1110-0020	1120-0020	1150-0020
30 LITRE	250X400X360MM	1110-0030	1120-0030	1150-0030
45 LITRE	250X550X385MM	1110-0045	1120-0045	1150-0045
60 LITRE	250X650X430MM	1110-0060	1120-0060	1150-0060
80 LITRE	250X750X555MM	1110-0080	1120-0080	1150-0080
100 LITRE	300X750X510MM	1110-0100	1120-0100	1150-0100
120 LITRE	300X850X535MM	1110-0120	1120-0120	1150-0120
150 LITRE	300X900X630MM	1110-0150	1120-0150	1150-0150
180 LITRE	300X1000X680MM	1110-0180	1120-0180	1150-0180
200 LITRE	300X1000X755MM	1110-0200	1120-0200	1150-0200
250 LITRE	350X1000X800MM	1110-0250	1120-0250	1150-0250
300 LITRE	400X1000X835MM	1110-0300	1120-0300	1150-0300



**OEM/CUSTOMER FUEL CELLS**

Custom fuel bladders made to order to any specific requirements. Below is a selection of cells on offer (many more available). Please call or email with your requirements.



**PREMIER FUEL PUMPS & ACCESSORIES**

Premier low pressure fuel pumps represent the next generation of low pressure in-tank submersible fuel pumps. The pumps are manufactured specifically for motorsport applications. Advantages include a higher fuel flow, low amp draw, internal non-return valve, quick disconnect electrical terminal and each pump has a unique serial number for traceability.

PART NO.	DESCRIPTION
0700-0000	LP01 175LTR/HR @ 0.21 BAR, INTERNAL CHECK VALVE, -6 MALE
0700-0090	LP90 175LTR/HR @ 0.21 BAR, INTERNAL CHECK VALVE, -6 MALE
0700-0100	LPVW VAG TYPE, 125 LTR/HR @ 0.21 BAR, 9MM BARB
0700-0101	LPAC AC TYPE, 150 LTR/HR @ 0.21 BAR, 9MM BARB
0705-0342	340 SERIES PT342, IN-LINE, 250 LTR/HR @ 5 BAR
0705-0265	265 SERIES, 225 LTR/HR. OE UPGRADE NISSAN GTR, SUBARU ETC
0800-6040	60/40 FILTER SOCK OFFSET COLLAR
0790-0000	PUMP ELECTRICAL CONNECTOR
0760-0806	ADAPTOR, CONVERTS 8MM BARB TO -6 MALE
0760-0808	ADAPTOR, CONVERTS 8MM BARB TO -8 MALE



**BOSCH FUEL PUMPS**

Genuine Bosch Motorsport fuel pumps work using the roller cell principle and made to the highest quality.

PART NO:	DESCRIPTION	INLET	OUTLET	MAX FLOW	LENGTH X DIA	WEIGHT
580 254 979	5 BAR EXTERNAL, 500HP	14X1.5	12X1.5	205 LTR/HR	180MM X 60MM	980G
580 254 044	5 BAR INTERNAL/EXTERNAL, 650HP	18X1.5	12X1.5	260 LTR/HR	196MM X 60MM	1030G
B261 205 413	8 BAR INTERNAL/EXTERNAL, 750HP	18X1.5	12X1.5	220 LTR/HR	196MM X 60MM	1030G

**BOSCH FUEL PUMP ACCESSORIES**

PART NO.	DESCRIPTION
0750-2000	BOSCH 044 DUAL MOUNT BILLET KIT INCLUDING FITTINGS
0801-0865	65 MICRON PLEATED STAINLESS PRE-FILTER -8 THREAD, 50X35MM
0804-5060	60 MICRON MESH PRE-FILTER WITH M8X1.5 THREAD. 100X54MM
0760-0612	M12X1.5 TO -6 MALE/MALE WITH INTEGRAL CHECK VALVE







FUEL PRESSURE REGULATORS

FUELAB 535/545 Series Fuel Pressure Regulators have all the same great features as the original 515/525 series, only smaller and weigh 50% less. They accept port style and non-port style union fittings without interference. Several configurations are available, supporting carbureted applications as low as 10 PSID to fuel injected applications up to 125 PSID. The 535 Series Fuel Pressure Regulator has a -6AN return port located on the bottom. The 545 Series has its return port in-line with the inlet port (not on the bottom) which allows for easy installation in extremely tight locations. Dimensions: 38.0mm D x 50.0mm W x 57.0mm H and weighs only 150g.

PART NO:	DESCRIPTION
53501	MINI REGULATOR -6AN INLETS / EFI (25-90 PSID)
53502	MINI REGULATOR -6AN INLETS / EFI (90-125 PSID)
54501	INLINE MINI REGULATOR -6AN INLETS / EFI (25-90 PSID)
54502	INLINE MINI REGULATOR -6AN INLETS / EFI (90-125 PSID)

Two -6AN inlet ports and one -6AN return port  
Petrol, diesel, methanol, and ethanol fuel compatible  
Fine thread pitch for precise pressure adjustment  
Versatile mounting bracket and stainless steel hardware



IN-TANK FUEL HOSE

Manufactured from transparent Nylon PA12. Hose has circular corrugation, concentrically arranged around the longitudinal axis with moulded smooth sections. Fully flexible in the Convoluted section, high mechanical strength and minimum wall thickness, smooth cuff matches accessories, available in different inside diameters to match your flow requirements, smooth section provides high strength, optimum wall thickness distribution.

PART NO:	DESCRIPTION
14501	CONVOLUTED IN-TANK FUEL HOSE, 152MM LENGTH, 8MM ID
14502	CONVOLUTED IN-TANK FUEL HOSE, 210MM LENGTH, 8MM ID
14504	CONVOLUTED IN-TANK FUEL HOSE, 250MM LENGTH, 8MM ID
14505	CONVOLUTED IN-TANK FUEL HOSE, 500MM LENGTH, 8MM ID
14506	CONVOLUTED IN-TANK FUEL HOSE, 750MM LENGTH, 8MM ID
14507	CONVOLUTED IN-TANK FUEL HOSE, 1000MM LENGTH, 8MM ID
RC22006TDBB	-6 STRAIGHT HOSE END FOR HOSE IN BLACK
90096	NORMA COBRA HOSE CLIP STAINLESS FOR HOSE END
RC2270-06	CRIMP COLLAR FOR HOSE END

FUEL TANK SURGE SYSTEMS

FUELAB now offers Fuel Surge Tank Systems, designed to prevent fuel starvation due to fuel surge or limited tank baffling. Particularly suitable for use where fast changes in G-forces can allow air to be picked up by the main fuel pump. Fuel Surge Tank Systems maintain a small amount of fuel to operate its own internal fuel pump(s) that can supply high fuel flow rates, while only needing low fuel pressure from the main fuel tank pump. Mounting kits, filters and hoses are available separately. Requires a return line. Two sizes available (rated volume: 2.7 L and 2.1 L / height 290mm and 235mm)

PART NO:	DESCRIPTION
60701	SINGLE 240LPH PUMP 2.1L TANK
60702	TWIN 240LPH PUMPS 2.1L TANK
60711	SINGLE 240LPH PUMPS 2.7L TANK
60712	TWIN 240LPH PUMPS 2.7L TANK
23901	2.1L BRACKET, HOSE & HARDWARE
23902	2.7L BRACKET, HOSE & HARDWARE
84832-1	-8 FUELAB FILTER
45102	BILLET FUEL FILTER BRACKET



HOLLEY FUEL PUMPS

Holley carburettor polished billet look fuel pumps provide constant fuel with no pulsation and include the mounting bracket.

PART NO:	DESCRIPTION	IN	OUT	FREE FLOW L/PH	MAX PRESSURE
12-801	HOLLEY RED	3/8NPT	3/8NPT	367 L/PH	7 PSI
12-812	HOLLEY BLUE	3/8NPT	3/8NPT	416 L/PH	14 PSI
12-815	HOLLEY BLACK	3/8NPT	3/8NPT	530 L/PH	14 PSI



ALLOY FUEL SWIRL POTS

Professionally made alloy fuel swirl pots, all made in the UK. Universal and perfect for motorsport use on fuel injection cars ensuring constant fuel flow and reducing starvation during races.

PART NO:	CAPACITY	SIZE MM	DESCRIPTION
OBPA020	1 LITRE	135(H)X100(DIA)	BASE MOUNT, 2X 10MM INLETS 1X 10MM TOP BREATHER 1X 12MM OUTLET
OBPJCS23	1 LITRE	135(H)X100(DIA)	BASE MOUNT, 2X -6 INLETS 1X -6 TOP BREATHER 1X -8 OUTLET
OBPA023	1 LITRE	135(H)X100(DIA)	B/HEAD MOUNT, 2X 10MM INLETS 1X10MM TOP BREATHER 1X12MM OUTLET
OBPA026	1.5 LITRE	100(H)X220(DIA)	BASE MOUNT, 2X 10MM INLETS 1X 10MM TOP BREATHER 1X 12MM OUTLET
OBPJCS24	1.5 LITRE	100(H)X220(DIA)	BASE MOUNT, 2X -6 INLETS 1X -6 TOP BREATHER 1X -8 OUTLET
OBPA027	1.5 LITRE	100(H)X220(DIA)	B/HEAD MOUNT, 2X 10MM INLETS 1X10MM TOP BREATHER 1X12MM OUTLET
OBPA021	2 LITRE	100(H)X280(DIA)	BASE MOUNT, 2X 10MM INLETS 1X 10MM TOP BREATHER 1X 12MM OUTLET
OBPJCS25	2 LITRE	100(H)X280(DIA)	BASE MOUNT, 2X -6 INLETS 1X -6 TOP BREATHER 1X -8 OUTLET
OBPA022	2 LITRE	100(H)X280(DIA)	B/HEAD MOUNT, 2X 10MM INLETS 1X10MM TOP BREATHER 1X12MM OUTLET



AERO FILLER CAPS & NECKS

Flush fitting aircraft filler caps & necks. To release the filler cap the lever is lifted and turned. A smart clean looking cap with a low aerodynamic profile.

Specifications:

- AIRFIL2 - 80mm OD, 63.5mm PCD, 35.3mm refuelling hole.
- AIRFIL3 - 94mm OD, 76.2mm PCD, 44.5mm refuelling hole.
- AIRFIL4 - 120mm OD, 101.6mm PCD, 58.0mm refuelling hole

PART NO:	DESCRIPTION
AIRFIL2	AERO 200 CAP ONLY - NON LOCKING
AIRFIL2I	AERO 200 CAP WITH 52MM INTEGRAL NECK - NON LOCKING
AIRFIL3	AERO 300 CAP ONLY - NON LOCKING
AIRFIL3I	AERO 300 CAP WITH 57MM INTEGRAL NECK - NON LOCKING
AIRFIL4	AERO 400 CAP ONLY - NON LOCKING
AIRFIL4I	AERO 400 CAP WITH 57MM INTEGRAL NECK - NON LOCKING
AIRSPI2.25	ALUMINIUM FILLER NECK, 57MM (TO SUIT AERO 400 CAP)
AIRSPI2	ALUMINIUM FILLER NECK, 52MM (TO SUIT AERO 400 CAP)

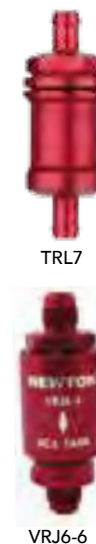


ROLL OVER VALVES

Newton's roll over valves feature both a hollow plastic ball and a stainless steel ball allowing the tank to vent and preventing fuel from escaping if the vehicle inverts in a crash.

- TRL - designed to be installed in-line, in a vertical position.
- TRV - tank vent valves for direct mounting to fuel tanks.
- FIAVR - inline or tank mounting. Developed in response to FIA regulation, Appendix J.

PART NO:	ROLL-OVER VALVES
TRL6	INLINE -6 ENTRY / -6 EXIT THREAD
TRL7	INLINE 1/4" PUSH ON ENTRY / 1/4" PUSH ON EXIT
TRL8	INLINE -6 THREAD ENTRY / 1/4" PUSH ON EXIT
TRL88	INLINE 5/16" PUSH ON ENTRY / 5/16" PUSH ON EXIT
FIAVR16-6	FIA - INLINE -6 ENTRY / -6 EXIT THREAD
FIAVRM16-6	FIA - INLINE M16 ENTRY / -6 EXIT THREAD
TRV66	-6 THREAD / 9/16" UNF (-6) TANK THREAD
TRV67	1/4" PUSH ON / 9/16" UNF (-6) TANK THREAD
TRV68	5/16" PUSH ON / 9/16" UNF (-6) TANK THREAD
TRV86	-6 THREAD / 3/4" UNF (-8) TANK THREAD



FUEL SAMPLING KITS

The MSA states that cars competing in British or MSA titled championships must have a system built in to enable taking a fuel sample. Comes complete with 2m of hose, dry break and tee piece.

PART NO:	FUEL SAMPLING KITS
FSK1	FUEL SAMPLING KIT -6 MALE/FEMALE
FSK2	FUEL SAMPLING KIT -6 MALE/MALE
FSK3	FUEL SAMPLING KIT 8MM PUSH ON
FSK1PO	AS FSK1 BUT TEE & PLUG HALF ONLY
FSK2PO	AS FSK2 BUT TEE & PLUG HALF ONLY
FSK3PO	AS FSK3 BUT TEE & PLUG HALF ONLY



ENOTS FILLER CAPS & NECKS

Polished aluminium Enots caps & necks.

PART NO:	DESCRIPTION
MON2	ENOTS QUICK RELEASE FILLER CAP 2"
MON25	ENOTS QUICK RELEASE FILLER CAP 2 1/2"
MON275	ENOTS QUICK RELEASE FILLER CAP 2 3/4"
FLAA2	ALLOY TANK NECK 2" (WITH FLANGE)
FLAA25	ALLOY TANK NECK 2 1/2" (WITH FLANGE)
FLAA275	ALLOY TANK NECK 2 3/4" (WITH FLANGE)
COLA2	ALLOY THREADED COLLAR 2"
COLA25	ALLOY THREADED COLLAR 2 1/2"
COLA275	ALLOY THREADED COLLAR 2 3/4"



FUEL FILLER NECK HOSE

Made from fuel resistant rubber. Other sizes/angles available.

PART NO:	FUEL FILLER HOSES
NH51F	51MM FLEXI HOSE WITH WIRE COIL PER CM
NH57F	57MM FLEXI HOSE WITH WIRE COIL PER CM
NH51	51MM WRAPPED HOSE PER CM
NH57	57MM WRAPPED HOSE PER CM
NH951	51MM 90 DEG BEND WRAPPED HOSE
NH957	57MM 90 DEG BEND WRAPPED HOSE



FUEL HOSE

Fuel hose rated to 150psi and for use with push fittings.

PART NO:	FUEL HOSES
SPH1-4	1/4" - 6MM STANDARD RUBBER HOSE
SPH1-5	5/16" - 8MM STANDARD RUBBER HOSE
SPH1-6	3/8" - 10MM STANDARD RUBBER HOSE
SPH2-4	1/4" - 6MM STAINLESS BRAID HOSE
SPH2-5	5/16" - 8MM STAINLESS BRAID HOSE
SPH2-6	3/8" - 10MM STAINLESS BRAID HOSE



OIL/FUEL ALLOY CHECK VALVES

An alloy cased flap check valve for low pressure oil and fuel.

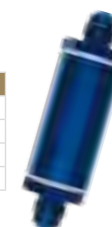
PART NO:	ALLOY CHECK (FLAP) VALVES
FCV-04	ALLOY CHECK VALVE OIL/FUEL LOW PRESS -4
FCV-06	ALLOY CHECK VALVE OIL/FUEL LOW PRESS -6
FCV-08	ALLOY CHECK VALVE OIL/FUEL LOW PRESS -8
FCV-10	ALLOY CHECK VALVE OIL/FUEL LOW PRESS -10



OIL/FUEL FILTER

Large capacity oil/fuel filter. 149 micron in line filter with a fine mesh filter which can be removed and cleaned.

PART NO:	LARGE CAPACITY FUEL FILTER
FF572-04	149 MICRON FUEL/OIL FILTER -4
FF572-06	149 MICRON FUEL/OIL FILTER -6
FF572-08	149 MICRON FUEL/OIL FILTER -8
FF572-10	149 MICRON FUEL/OIL FILTER -10





# Gauges



## OUR SUPPLIERS



## GAUGES

MECHANICAL GAUGES	63
ELECTRICAL GAUGES	64
GAUGE ACCESSORIES	65

FOR HOSE ADAPTORS SEE PAGE 27  
 FOR WIRING SEE PAGES 42  
 FOR CUSTOM MADE HOSES SEE PAGE 75  
 FOR HOSES AND FITTINGS SEE PAGES 76-87

## 52MM MECHANICAL INSTRUMENTS

COMBINATION GAUGES; OIL/WATER, PRESSURE/TEMPERATURE



PART NO:	FITTINGS
PT1612B7	7' TEMP. 1/8 BSP PRESS
PT1612BL7	7' TEMP. 1/8 BSP PRESS
PT1612BA7	7' TEMP. -3 PRESS
PT1612B9	9' TEMP. 1/8 BSP PRESS
PT1612BL9	9' TEMP. 1/8 BSP PRESS
PT1612BA9	9' TEMP. -3 PRESS
PT1612BAL9	9' TEMP. -3 PRESS
PT1612BL12	12' TEMP. 1/8 BSP PRESS
PT1612BAL12	12' TEMP. -3 PRESS



PART NO:	FITTINGS
PT1011B7	7' TEMP. 1/8 BSP PRESS
PT1011BL7	7' TEMP. 1/8 BSP PRESS
PT1011BA7	7' TEMP. -3 PRESS
PT1011BAL7	7' TEMP. -3 PRESS
PT1011B9	9' TEMP. 1/8 BSP PRESS
PT1011BL9	9' TEMP. 1/8 BSP PRESS
PT1011BA9	9' TEMP. -3 PRESS
PT1011BAL9	9' TEMP. -3 PRESS
PT1011BL12	12' TEMP. 1/8 BSP PRESS
PT1011BAL12	12' TEMP. -3 PRESS



PART NO:	FITTINGS
PT1014B7	7' TEMP. 1/8 BSP PRESS
PT1014BL7	7' TEMP. 1/8 BSP PRESS
PT1014BA7	7' TEMP. -3 PRESS
PT1014B9	9' TEMP. 1/8 BSP PRESS
PT1014BL9	9' TEMP. 1/8 BSP PRESS
PT1014BA9	9' TEMP. -3 PRESS
PT1014BAL9	9' TEMP. -3 PRESS
PT1014BL12	12' TEMP. 1/8 BSP PRESS
PT1014BAL12	12' TEMP. -3 PRESS

## OIL/FUEL PRESSURE GAUGES



PART NO:	FITTINGS
P1.5B	1/8 BSP PRESS
P1.5BL	1/8 BSP PRESS
P1.5BA	-3 PRESS
P1.5BAL	-3 PRESS



PART NO:	FITTINGS
P16B	1/8 BSP PRESS
P16BL	1/8 BSP PRESS
P16BA	-3 PRESS
P16BAL	-3 PRESS



PART NO:	FITTINGS
P10B	1/8 BSP PRESS
P10BL	1/8 BSP PRESS
P10BA	-3 PRESS
P10BAL	-3 PRESS

## WATER/OIL TEMPERATURE GAUGES



PART NO:	FITTINGS
T11BL2	2' TEMP
T11BL4	4' TEMP
T11B7	7' TEMP
T11BL7	7' TEMP
T11B9	9' TEMP
T11BL9	9' TEMP
T11BL12	12' TEMP



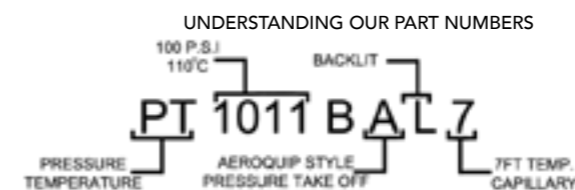
PART NO:	FITTINGS
T14B4	4' TEMP
T14BL4	4' TEMP
T14B7	7' TEMP
T14BL7	7' TEMP
T14B9	9' TEMP
T14BL9	9' TEMP
T14BL12	12' TEMP

## BOOST PRESSURE GAUGES



PART NO:	FITTINGS
B2.5BL	-3 PRESS, W/BLACK FACE
B2.5WL	-3 PRESS, W/WHITE FACE
BOO KIT	BOOST GAUGE FITTING KIT

## PRESSURE GAUGE THREADS



## BEZELS AND ADAPTORS

PART NO:	ACCESSORIES
70059-39	CHROME BEZEL (52MM)
70779-39	V STYLE CHROME BEZEL (52MM)
GA6BB	M/M ADAPTOR 3/8 BSP X 3/8 BSP
GA6B4	M/M ADAPTOR 3/8 BSP X 5/8UNF

Temp senders are 3/8 BSP as standard.



**52MM ELECTRIC INSTRUMENTS**

The Racetech range of electrical instruments is manufactured specifically for competition use having redefined scales and a high quality build specification. They are of lightweight moulded construction and the outer case has a threaded locking ring for ease of installation. Each of the necessary sender units are sold separately.



**GAUGES**

PART NO:	DESCRIPTION
RTECW120	WATER TEMPERATURE GAUGE 0-120 DEG C
RTECOT150	OIL TEMPERATURE GAUGE 0-150 DEG C
RTECOP8	OIL PRESSURE GAUGE 0-8 BAR
RTECVM	VOLTMETER 10-16 VOLTS
RTECFG	FUEL LEVEL GAUGE

**SENDERS**

PART NO:	DESCRIPTION
RTECW1/8	WATER TEMPERATURE SENDER 1/8 NPT
RTECOT1/8	OIL TEMPERATURE SENDER 1/8 NPT
RTECOPM10	OIL PRESSURE SENDER M10X1.0
RTECF5H	FUEL LEVEL SENDER 5 HOLE FLANGE
RTECF6H	FUEL LEVEL SENDER 6 HOLE FLANGE

**80MM ELECTRIC INSTRUMENTS**

**SPEEDOMETER**

Based on the latest stepper motor technology, it can be switched for input pulses per mile/km and features an LCD odometer with a resettable trip function.

PART NO:	DESCRIPTION
RTSC130	RACETECH SPEEDO 0-130 MPH, W/BACKLIGHT
SS34-1	SPEEDOMETER PICK UP SENSOR



**TACHOMETERS**

These very fast acting tachometers are switch selectable for 4, 6 or 8 cylinders and can be used with a variety of ignition systems, using the very latest in stepper motor technology. RACETECH tachometers are also available complete with integrated shift light, as with the standard tacho, you can choose between 4, 6 & 8 cylinders. The shift light is made up of three traffic light style LED's which can be programmed to come on at specific rev ranges. Scale available from 0-8000 to 0-12,000. These gauges also come with a max rev recall function so you can see how hard you have been pushing your engine.

PART NO:	DESCRIPTION
RTTC8	RACETECH TACHO, 0-8000, 4, 6 & 8 CYLINDERS
RTTC8-SL	RACETECH TACHO 0-8000 WITH SHIFT LIGHT
RTTC10	RACETECH TACHO, 0-10,000
RTTC10-SL	RACETECH TACHO 0-10,000 WITH SHIFT LIGHT
RTTC12	RACETECH TACHO, 0-12,000
RTTC12-SL	RACETECH TACHO 0-12,000 WITH SHIFT LIGHT



**AIR/FUEL RATIO METER**

An excellent diagnostic tool! By using your vehicle's original lambda sensor or one which we offer, the unit calculates the ratio of fuel to air in the intake mixture and displays it via a series of LED's. This allows the mixture to be altered for maximum power or fuel efficiency.

PART NO:	DESCRIPTION
DTM4007	AIR/FUEL RATIO METER
LOS 01	LAMBDA SENSOR, SINGLE WIRE
LOS 03	LAMBDA SENSOR, 3 WIRE - FOR ACCURATE COLD START READINGS



**T-PIECES**

PART NO:	END THREADS (M/F)	SIDE (FEM)
MO 010L	1/8 NPT	1/8 NPT
MO 010M	1/8 NPT	M10x1.0
MO 011L	1/4 NPT	1/8 NPT
MO 050M	M10 X 1.0	M10 X 1.0
MO 052L	M12 X 1.5	1/8 NPT
MO 052M	M12 X 1.5	M10 X 1.0
MO 053L	M14 X 1.5	1/8 NPT
MO 053M	M14 X 1.5	M10 X 1.0
MO 054L	M16 X 1.5	1/8 NPT
MO 054M	M16 X 1.5	M10 X 1.0
MO 055L	M18 X 1.5	1/8 NPT
MO 055M	M18 X 1.5	M10 X 1.0
MO 056L	1/8 NPT	1/8 NPT
MO 056M	1/8 NPT	M10 X 1.0
MO 057L	1/8 BSP	1/8 NPT
MO 057M	1/8 BSP	M10 X 1.0
MO 058L	1/4 NPT	1/8 NPT
MO 058M	1/4 NPT	M10 X 1.0
MO 059M	3/8 NPT	M10 X 1.0
MO 061M	1/2 UNF	M10 X 1.0
RTA601	M10 X 1.0	M10 X 1.0

**OIL LINES ETC**

PART NO:	DESCRIPTION
OIL LIN75M	7' NYLON OIL PIPE / SMITHS END
OIL LIN7AQ	7' NYLON OIL PIPE / AQP END
OIL LIN95M	9' NYLON OIL PIPE / SMITHS END
OIL LIN9AQ	9' NYLON OIL PIPE / AQP END
321-03SMP	STRAIGHT SMITHS TO -3 HOSE
E332-3G	90 DEGREE SMITHS TO -3 HOSE
321-03P	STRAIGHT AEROQUIP TO -3 HOSE
332-3	90 DEGREE AEROQUIP TO -3 HOSE
MO 012L	1/8 BSP - 1/8 NPT M/M ADPT

**AEROQUIP SMITHS**



OIL LINES HAVE 1/8 BSP THREADS.



**OIL PRESSURE SWITCHES**

PART NO:	DESCRIPTION
OPS20	20 PSI 1/8NPT THREAD
OPS15-50	15-50 PSI ADJUSTABLE 1/8NPT THREAD



**GAUGE ISOLATOR**

The fuel gauge isolator allows the use of a mechanical gauge without having any of the fuel mixture inside the cockpit. The isolator comes with two male 1/8 BSP threads with concave fitment.

PART NO:	DESCRIPTION
RTA 700	PRESSURE GAUGE ISOLATOR



**M/F ADAPTORS**

PART NO:	MALE THREAD	FEM THREAD
MO 006L	1/4 NPT	1/8 NPT
MO 006M	1/4 NPT	M10 X 1.0
MO 032L	5/8 UNF	1/8 NPT
MO 032M	5/8 UNF	M10 X 1.0
MO 033L	1/2 UNF	M10 X 1.0
MO 062M	M10 X 1.0	M10 X 1.0
MO 063M	M10 X 1.5	M10 X 1.0
MO 064L	M12 X 1.5	1/8 NPT
MO 064M	M12 X 1.5	M10 X 1.0
MO 065M	M14 X 1.5	M10 X 1.0
MO 066L	M16 X 1.5	1/8 NPT
MO 066M	M16 X 1.5	M10 X 1.0
MO 067M	M18 X 1.5	M10 X 1.0
MO 068M	1/8 NPT	M10 X 1.0
MO 069M	3/8 NPT	M10 X 1.0
MO 079M	M14 X 1.25	1/8 NPT
MO 081M	M22 X 1.5	M10 X 1
MO 083M	M20 X 1.5	M10 X 1



**TACHO CABLES**

PART NO:	DESCRIPTION
TAC CAB3	3' TACHO CABLE
TAC CAB3'6"	3'6" TACHO CABLE
TAC CAB4	4' TACHO CABLE
TAC CAB4'6"	4'6" TACHO CABLE
TAC CAB5	5' TACHO CABLE
TAC CAB5'6"	5'6" TACHO CABLE
TAC CAB6	6' TACHO CABLE
TAC CAB6'6"	6'6" TACHO CABLE
TAC CAB7	7' TACHO CABLE
TAC CAB7'6"	7'6" TACHO CABLE
TAC CAB8	8' TACHO CABLE
TAC CAB8'6"	8'6" TACHO CABLE
TAC CAB9	9' TACHO CABLE
TAC CAB10	10' TACHO CABLE
TAC CAB12	12' TACHO CABLE

**SMITHS TYPE**



**GAUGE MOUNTING PODS**

We offer two sizes of mounting pods, 52mm to suit our mechanical and electrical gauges, we also offer an 80mm pod to suit our SPEEDO and TACHOMETERS.

PART NO:	DESCRIPTION
MNTPOD	52MM GAUGE POD
TIM040	80MM GAUGE POD







# Hardware & Tapes



## OUR SUPPLIERS



## HARDWARE & TAPES

WASHERS, CIRCLIPS, TYRAPS & BLOCKS,  
LOCKWIRE, ACCESSORIES

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COPPER WASHERS SEE PAGE 81  
FOR NUTS & BOLTS SEE PAGES 94-96  
FOR COMPETITION CAR NUMBERS SEE PAGE 113

## WASHERS



THIN AN WASHERS - 0.032"	
PART NO:	BOLT SIZE
AN960-08L	8/32"
AN960-10L	10/32"
AN960-416L	1/4"
AN960-516L	5/16"
AN960-616L	3/8"
AN960-716L	7/16"
AN960-816L	1/2"
AN960-916L	9/16"
AN960-1016L	5/8"
AN960-1216L	3/4"



THICK AN WASHERS - 0.063"	
PART NO:	BOLT SIZE
AN960-08	8/32"
AN960-10	10/32"
AN960-416	1/4"
AN960-516	5/16"
AN960-616	3/8"
AN960-716	7/16"
AN960-816	1/2"
AN960-916	9/16"
AN960-1016	5/8"
AN960-1216	3/4"



SCHNORR WASHERS	
PART NO:	BOLT SIZE
SCHNORR55	M5, 3/16"
SCHNORR56	M6
SCHNORR56.35	1/4"
SCHNORR57	M7
SCHNORR58	M8, 5/16"
SCHNORR510	M10, 3/8"
SCHNORR511.1	7/16
SCHNORR512	M12
SCHNORR512.7	1/2"
SCHNORR514	M14, 9/16"



COUNTERSUNK MS WASHERS	
PART NO:	BOLT SIZE
MS20002C4	1/4"
MS20002C5	5/16"
MS20002C6	3/8"
MS20002C7	7/16"
MS20002C8	1/2"
MS20002C9	9/16"
MS20002C10	5/8"
MS20002C12	3/4"
MS20002C14	7/8"
MS2000C16	1"



SPRING WASHERS	
PART NO:	ID
F55820	3/16"
F55830	1/4"
F55840	5/16"
F55850	3/8"
F55860	7/16"
F55925	4MM
F55920	5MM
F55930	6MM
F55940	8MM
F55950	10MM



PENNY WASHERS		
PART NO:	ID	OD
F56000	3/16"	1"
F56010	1/4"	1"
F56030	5/16"	1"
F56040	5/16"	1.5"
F56050	3/8"	1.5"
F56070	3/8"	2"
F56250	5MM	15MM
F56252	6MM	20MM
F56253	8MM	30MM
F56255	10MM	40MM



INTERNAL LOCK WASHERS	
PART NO:	ID
F56131	3/16"
F56132	1/4"
F56133	5/16"
F56134	3/8"



E RETAINER CLIPS	
PART NO:	BOLT SIZE
F59351	1.5MM
F59352	2.3MM
F59353	3.2MM
F59354	4.0MM
F59355	5.0MM
F59356	6.0MM
F59357	8.0MM
F59358	10.0MM
F59359	12.0MM
F59360	15.0MM



TINNERMAN WASHERS	
PART NO:	ID
A3235-028-24A	3/16(M5)
A3475-028-24A	1/4(M6)

## CIRCLIPS



N1300 INTERNAL CIRCLIPS	
PART NO:	DESCRIPTION
N1300-62	0.625 SHAFT OD
N1300-68	0.688 SHAFT OD
N1300-75	0.750 SHAFT OD
N1300-81	0.812 SHAFT OD
N1300-87	0.875 SHAFT OD
N1300-90	0.906 SHAFT OD
N1300-93	0.938 SHAFT OD
N1300-100	1.000 SHAFT OD
N1300-106	1.062 SHAFT OD
N1300-112	1.125 SHAFT OD
N1300-118	1.188 SHAFT OD
N1300-125	1.250 SHAFT OD
N1300-131	1.312 SHAFT OD
N1300-137	1.375 SHAFT OD
N1300-143	1.438 SHAFT OD
N1300-150	1.500 SHAFT OD
N1300-156	1.562 SHAFT OD
N1300-162	1.625 SHAFT OD
N1300-168	1.688 SHAFT OD
N1300-175	1.750 SHAFT OD



N1400 EXTERNAL CIRCLIPS	
PART NO:	DESCRIPTION
N1400-62	0.625 SHAFT OD
N1400-68	0.688 SHAFT OD
N1400-75	0.750 SHAFT OD
N1400-81	0.812 SHAFT OD
N1400-87	0.875 SHAFT OD
N1400-90	0.906 SHAFT OD
N1400-93	0.938 SHAFT OD
N1400-100	1.000 SHAFT OD
N1400-106	1.062 SHAFT OD
N1400-112	1.125 SHAFT OD
N1400-118	1.188 SHAFT OD
N1400-125	1.250 SHAFT OD
N1400-131	1.312 SHAFT OD
N1400-137	1.375 SHAFT OD
N1400-143	1.438 SHAFT OD
N1400-150	1.500 SHAFT OD
N1400-156	1.562 SHAFT OD
N1400-162	1.625 SHAFT OD
N1400-168	1.688 SHAFT OD
N1400-175	1.750 SHAFT OD

## TYRAPS & BLOCKS



TYRAPS	
PART NO:	DESCRIPTION
TY23M	0.094" X 3.62" WHITE
TY23MX	0.094" X 3.62" BLACK
TY232M	0.094" X 8.00" WHITE
TY232MX	0.094" X 8.00" BLACK
TY24M	0.140" X 5.50" WHITE
TY24MX	0.140" X 5.50" BLACK
TY26M	0.140" X 11.08" WHITE
TY26MX	0.140" X 11.08" BLACK
TY25M	0.184" X 7.31" WHITE
TY25MX	0.184" X 7.31" BLACK
TY28M	0.184" X 14.19" WHITE
TY28MX	0.184" X 14.19" BLACK
TY27M	0.301" X 13.38" WHITE
TY27MX	0.301" X 13.38" BLACK

TYRAP BLOCKS	
PART NO:	DESCRIPTION
TC104	SMALL BLOCKS WHITE
TC104B	SMALL BLOCKS BLACK
TC102	MED BLOCKS WHITE
TC102B	MED BLOCKS BLACK
TC105	ALLY TYRAP BLOCKS

## LOCKWIRE



LOCKWIRE	
PART NO:	DESCRIPTION
LWD595	1/2 KG ROLL X 0.50MM
LWD596	1/2 KG ROLL X 0.61MM
LWD597	1/2 KG ROLL X 0.80MM
LWD598	1/2 KG ROLL X 1.01MM

## ACCESSORIES



LOCKWIRE ACCESSORIES	
PART NO:	DESCRIPTION
3745	BOLT DRILLING JIG IMPERIAL
3750	BOLT DRILLING JIG METRIC
KEN5583920K	10" WIRE TWISTERS
KEN5583900K	8" WIRE TWISTERS



TAPES



TESA PREMIUM STRENGTH MOTORSPORT TAPE	
PART NO:	DESCRIPTION
4651-2B	50MM X 50M BLACK TAPE
4651-2BL	50MM X 50M BLUE TAPE
4651-2G	50MM X 50M GREY TAPE
4651-2R	50MM X 50M RED TAPE
4651-2W	50MM X 50M WHITE TAPE
4651-2Y	50MM X 50M YELLOW TAPE
4651-2GN	50MM X 50M GREEN TAPE



ADVANCED STANDARD STRENGTH TANK TAPE	
PART NO:	DESCRIPTION
AT175B	50MM X 50M BLACK TAPE
AT175BL	50MM X 50M LIGHT BLUE TAPE
AT175G	50MM X 50M LIGHT GREEN TAPE
AT175R	50MM X 50M RED TAPE
AT175S	50MM X 50M SILVER TAPE
AT175W	50MM X 50M WHITE TAPE
AT175Y	50MM X 50M YELLOW TAPE



MISC LOW STRENGTH TAPE	
PART NO:	DESCRIPTION
AT175DB	50MM X 50M DARK BLUE
AT175DG	50MM X 50M DARK GREEN
AT175O	2" X 30' ORANGE TAPE
AT175P	2" X 30' PURPLE TAPE
AT175BR	2" X 30' BROWN TAPE
AT175BU	2" X 30' BURGUNDY TAPE
AT175T	2" X 30' TEAL TAPE



SELF FUSING SILICONE RESCUE TAPE	
PART NO:	DESCRIPTION
RESCUETAPEBK	BLACK 2" ROLL
RESCUETAPEBL	BLUE 2" ROLL
RESCUETAPECL	CLEAR 2" ROLL
RESCUETAPEGR	GREEN 2" ROLL
RESCUETAPEER	RED 2" ROLL
RESCUETAPEWH	WHITE 2" ROLL



SINGLE SIDED FOAM TAPE	
PART NO:	DESCRIPTION
SEL3360	10MM WIDE, 3MM THICK X 25M
SEL3180	25MM WIDE, 3MM THICK X 25M
SEL3280	50MM WIDE, 3MM THICK X 25M
SEL3259	100MM WIDE, 3MM THICK X 25M
SEL3251	25MM WIDE, 6MM THICK X 12M
SEL3244	50MM WIDE, 6MM THICK X 12M



SINGLE SIDED FOAM SHEETS	
PART NO:	DESCRIPTION
AT210-3	1M X 1M X 3MM THICK
AT210-6	1M X 1M X 6MM THICK
AT210-9	1M X 1M X 9MM THICK
AT210-12	1M X 1M X 12MM THICK
AT210-15	1M X 1M X 15MM THICK



3M HELICOPTER TAPES - 0.012" THICK	
PART NO:	DESCRIPTION
8561-2	2" WIDE, 36 YARD ROLL
8561-4	4" WIDE, 36 YARD ROLL
8561-6	6" WIDE, 36 YARD ROLL



ISC HELICOPTER TAPES - 0.008" THICK	
PART NO:	DESCRIPTION
HT1308	1" WIDE, 30 FOOT ROLL
HT2308	2" WIDE, 30 FOOT ROLL
HT4308	4" WIDE, 30 FOOT ROLL



ELECTRICAL INSULATING TAPE	
PART NO:	DESCRIPTION
EITBK	BLACK
EITBL	BLUE
EITBR	BROWN
EITYL	YELLOW



3M & ADVANCED FOIL TAPES	
PART NO:	DESCRIPTION
AT500	ADVANCED TAPE 2" WIDE
425-25	3M HEAVY DUTY 1" WIDE
425-50	3M HEAVY DUTY 2" WIDE



3M HEAVY DUTY DUAL LOCK	
PART NO:	DESCRIPTION
SJT355T	DUAL LOCK 25MM X 10M
SJT355T/1	DUAL LOCK 25MM X 1M



3M STANDARD DUTY SELF ADHESIVE VELCRO	
PART NO:	DESCRIPTION
SJ352D	VELCRO 25MM X 10M
SJ352D/1	VELCRO 25MM X 1M



PEDAL TAPE	
PART NO:	DESCRIPTION
PEDTAP2	2" WIDE PEDAL TAPE X 1'
PEDTAP4	4" WIDE PEDAL TAPE X 1'



AT27 TRANSLUCENT REPAIR TAPE	
PART NO:	DESCRIPTION
AT27-2	AT27 TAPE 50MM X 33M
AT27-4	AT27 TAPE 100MM X 33M



3M DOUBLE SIDED TAPE	
PART NO:	DESCRIPTION
9473-1	1" WIDE 60 YARD ROLL
9473-2	2" WIDE 60 YARD ROLL

# Heat Insulation & Protection



## OUR SUPPLIERS



## HEAT INSULATION & PROTECTION

THERMOTEC EXHAUST WRAPS & ACCESSORIES, SLEEVES AND HOSE/CABLE INSULATION	70
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## EXHAUST INSULATING WRAP

The original exhaust wrap developed by Thermotec over 30 years ago. Creates more horsepower, reduces intake temperatures and increase exhaust scavenging.

Withstands temperatures up to 2000°F, contains no asbestos. Also available in black and carbon. The Copper Wrap has improved heat resistance by up to 30%.



PART NO:	DESCRIPTION	PART NO:	DESCRIPTION
11001	1" X 50' WHITE	11021	1" X 50' BLACK
11002	2" X 50' WHITE	11022	2" X 50' BLACK
11151	1" X 15' WHITE	11153	1" X 15' BLACK
11152	2" X 15' WHITE	11154	2" X 15' BLACK

PART NO:	DESCRIPTION	PART NO:	DESCRIPTION
11041	1" X 50' CARBON	11031	1" X 50' COPPER
11042	2" X 50' CARBON	11032	2" X 50' COPPER

## HI-HEAT COATING

This coating protects the Exhaust Insulating Wrap from abrasion and harmful liquid spills. Extra resins and binders toughen the surface helping to extend the life of the wrap by protecting it from friction and sealing the pores to minimize the penetration of harmful liquids.

PART NO:	DESCRIPTION
12001	HI-HEAT COATING BLACK
12002	HI-HEAT COATING SILVER
12003	HI-HEAT COATING COPPER



## THERMO SLEEVE

Provides protection from radiant heat for hoses and wires, reflecting over 90% of heat. The sleeve is also fireproof and oil resistant.

PART NO:	DESCRIPTION
14005	0.25" TO 0.5" X 3' LONG
14006	0.25" TO 0.5" X 12' LONG
14010	0.625" TO 1" X 3' LONG
14011	0.625" TO 1" X 12' LONG
14015	1.125" TO 1.5" X 3' LONG
14016	1.125" TO 1.5" X 12' LONG
14020	1.625" TO 2" X 3' LONG
14021	1.625" TO 2" X 12' LONG
14025	2.125" TO 2.5" X 3' LONG
14026	2.125" TO 2.5" X 12' LONG



## FIREFLEX HOSE/CABLE INSULATION

This is used to protect wires, cables and hoses from extreme and continuous high temperatures (up to 500°F) The thick, high temperature fibreglass sleeve is jacketed with a non-permeable, heavy flexible silicone coating, resists all automotive chemicals and solvents, and provides a substantial level of abrasion and puncture protection Available per metre.

PART NO:	NOMINAL SIZE
FIN0.38	3/8", 10MM
FIN0.50	1/2", 12MM
FIN0.63	5/8", 16MM
FIN0.75	3/4", 19MM
FIN0.88	7/8", 22MM
FIN1.00	1", 25MM
FIN1.50	1 1/2", 38MM
FIN2.00	2", 52MM



## SNAP STRAP

The new, improved Snap Strap comes in pre-cut lengths. The stainless steel Snap Straps resist high temperatures and secure Exhaust Insulating Wrap.

PART NO:	DESCRIPTION
13101	8 X 9" STRAPS & 4 X 18" STRAPS
13105	6 X 9" STRAPS & 4 X 18" STRAPS
13150	12 X 9" STRAPS
13160	6 X 18" STRAPS
13170	10 X 200MM STAINLESS STEEL TIES



## EXPRESS SLEEVES

The easy to use sleeving is a combination of a high temperature insulation material to a highly reflective Mylar foil with a Velcro closure. The sleeving is designed to provide maximum protection for wires, hoses, and cables from the very damaging effect of radiant heat with an easy application. Simply pull apart the material, wrap around the wire, and re-close the sleeving. Express Sleeves reflect over 90% of radiant heat up to 2000°F, can withstand direct continuous temperatures up to 750°F

PART NO:	DESCRIPTION
14030	1/2"-1" 3FT
14035	1"-1.5" 3FT



## INSULTHERM HOSE/CABLE INSULATION

This is used to protect wires, cables and hoses from extreme and continuous high temperatures (up to 1200°F). Constructed from resin coated heavy weighted braided fibreglass which will not burn, melt or become brittle. Can be used to deflect or retain heat Cut and abrasion resistant, asbestos free, and resists fuel and engine chemicals. Available per metre.

PART NO:	NOMINAL SIZE
FGN0.25	1/4", 6MM
FGN0.38	3/8", 10MM
FGN0.50	1/2", 12MM
FGN0.63	5/8", 16MM
FGN0.75	3/4", 19MM
FGN0.88	7/8", 22MM
FGN1.00	1", 25MM
FGN1.50	1 1/2", 38MM



Raceparts is an official UK distributor for Thermo Tec products.

## NOISE SUPPRESSION & HEAT CONTROL MAT

Ideal when both sound and radiant heat control are needed. In addition to the polyethylene film, the foil surface provides direct protection from radiant heat. It is 2mm thick with an adhesive backing, and is easy to trim and fit.

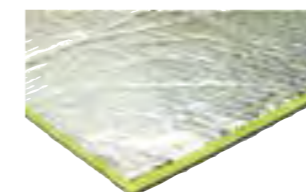
PART NO:	DESCRIPTION
14600	12" X 12" TWO PIECES
14610	36" X 24"
14620	60" X 36"



## COOL IT MAT

Used to combat excessive heat and noise that penetrates the driver compartment through the firewalls and flooring. Composed of resin-bonded silica blanketing insulation sandwiched between a mylar facing on one side and a foil facing on the other.

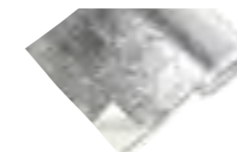
PART NO:	DESCRIPTION
14100	24" X 48"
14110	48" X 48"



## ADHESIVE BACKED SILVER HEAT BARRIER

The adhesive backed heat barrier protects parts and components from radiant heat. It can be used to protect painted surfaces, plastic parts or any component from the damaging effects of radiant heat. Withstands temperatures up to 2000°F.

PART NO:	DESCRIPTION
13500	12" X 12"
13575	12" X 24"
13585	24" X 36"
13590	24" X 48"



## KEVLAR HEAT BARRIER

The Kevlar Heat Barrier is made from Kevlar with a Mylar finish. The Barrier can withstand up to 3000°F of radiant heat and can withstand direct contact up to 1100°F. Reflects 90% of radiant heat. Many uses as a heat shield or for heat retention.

PART NO:	DESCRIPTION
16850	26" X 40"



## SEAM TAPE

Seam Tape consists of a two layer, highly reflective foil with a special acrylic adhesive system. This flame retardant tape is highly puncture proof, tear resistant and features superior adhesion even under the most extreme conditions.

PART NO:	DESCRIPTION
13997	2" X 30' ROLL



## THERMO GUARD FR

The best in heat and sound insulation. It also absorbs vibration and protects from radiant heat. Composed of a synthetic flame retardant fibre felt and a high tech foil heat barrier that blocks out up to 90 percent of radiant heat. Apply with the heavy duty spray adhesive.

PART NO:	DESCRIPTION
14120	48" X 72" ONE SIDE FOIL
14125	48" X 72" ONE SIDE FOIL
14130	24" X 48" TWO SIDE FOIL



## ALUMINIZED HEAT BARRIER

Made up of woven silica with a flexible aluminized finish. Resists temperatures up to 2000°F. Installed using rivets, weather-proof tape or Snap Straps.

PART NO:	DESCRIPTION
14001	40" X 36"
14051	20" X 36"
14061	20" X 18"



## ADHESIVE BACKED GOLD HEAT BARRIER

The adhesive backed 24K heat barrier protects parts and components from radiant heat. It can be used to protect painted surfaces, plastic parts or any component from the damaging effects of radiant heat. Withstands temperatures up to 2000°F.

PART NO:	DESCRIPTION
13700	12" X 24"
13775	24" X 24"



## HEAVY DUTY SPRAY ADHESIVE

Fast drying, quick bonding, high temperature contact adhesive. Use it whenever you need a secure long lasting bond.

PART NO:	DESCRIPTION
12005	14 OZ



## THERMO SHIELD TAPE - SILVER OR GOLD

Thermo shield tape protects hoses and wires from radiant heat and is particularly useful where it is not possible to disconnect one end of the hose or wire. Reflects 90% of radiant heat up to 2000°F.

PART NO:	DESCRIPTION
14002	1.5" X 15' SILVER
13995	2" X 50' SILVER
13990	1.5" X 15' GOLD







**EXHAUST JACKET**

The new quick wrap high velocity exhaust jacket is an innovative way to insulate and block radiant heat. The jacket covers the tubes vertically which allows for a consistent fit and for the exhaust pipe to expand under heat.

PART NO:	DESCRIPTION
11246	4-6 CYLINDER JACKET
11248	8 CYLINDER JACKET



**TURBO INSULATING KIT**

The Turbo Insulating Kit is designed to protect, improve performance and eliminate turbo lag. Two Turbo Kits are available - a four cylinder kit, and a six and eight cylinder kit. Each kit contains a roll of Exhaust Insulating Wrap 1 or 2 inch, 1 yard of Aluminized Heat Barrier, and a 3" X 6" piece of Exhaust Insulating Wrap. Hardware and instructions are included.

PART NO:	DESCRIPTION
15001	4 CYLINDER TURBO KIT
15002	6-8 CYLINDER TURBO KIT
15003	INSULATING COVER ONLY



**BATTERY HEAT BARRIER**

The world's only acid neutralizing heat barrier mat. Reflects over 90% of radiant heat whilst protecting against corrosion.

PART NO:	DESCRIPTION
13200	BATTERY BARRIER 8" X 40"



**ZIRCOFLEX**

ZircoFlex is a revolutionary flexible ceramic heat shield material, offering superb thermal barrier performance at minimal weight and minimal thickness. The material is produced as a thin aluminium backed foil and is supplied in three different formats.

**ZIRCOFLEX I**

Temperature Reduction: Reduced by 64%  
 Thickness: 0.25mm  
 Weight: 0.46kg/m<sup>2</sup>

**ZIRCOFLEX II**

Temperature Reduction: Reduced by 77%  
 Thickness: 0.50mm  
 Weight: 1.00kg/m<sup>2</sup>

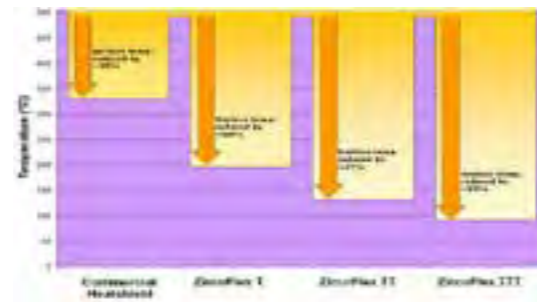
**ZIRCOFLEX III**

Temperature Reduction: Reduced by 85%  
 Thickness: 0.85mm  
 Weight: 1.50kg/m<sup>2</sup>

PART NO:	DESCRIPTION
ZF-A25-1-1	ZIRCOFLEX SHEET (900MM X 550MM)
ZF-A25-1-2	ZIRCOFLEX SHEET (550MM X 450MM)
ZF-A25-1-3	ZIRCOFLEX SHEET (300MM X 210MM)
ZF-A25-1-1SA	SELF ADHESIVE (900MM X 550MM)
ZF-A25-1-2SA	SELF ADHESIVE (550MM X 450MM)
ZF-A25-1-3SA	SELF ADHESIVE (300MM X 210MM)

PART NO:	DESCRIPTION
ZF-A50-2-1	ZIRCOFLEX SHEET (900MM X 550MM)
ZF-A50-2-2	ZIRCOFLEX SHEET (550MM X 450MM)
ZF-A50-2-3	ZIRCOFLEX SHEET (300MM X 210MM)
ZF-A50-2-1SA	SELF ADHESIVE (900MM X 550MM)
ZF-A50-2-2SA	SELF ADHESIVE (550MM X 450MM)
ZF-A50-2-3SA	SELF ADHESIVE (300MM X 210MM)

PART NO:	DESCRIPTION
ZF-A75-3-1	ZIRCOFLEX SHEET (900MM X 550MM)
ZF-A75-3-2	ZIRCOFLEX SHEET (550MM X 450MM)
ZF-A75-3-3	ZIRCOFLEX SHEET (300MM X 210MM)
ZF-A75-3-1SA	SELF ADHESIVE (900MM X 550MM)
ZF-A75-3-2SA	SELF ADHESIVE (550MM X 450MM)
ZF-A75-3-3SA	SELF ADHESIVE (300MM X 210MM)



**EXHAUST/CAT HEAT SHIELD**

Made up of woven silica with a flexible mylar finish. Used to reflect radiant heat away from the underside of the car.

PART NO:	DESCRIPTION
16500	40" X 24"



**CLAMP ON HEAT SHIELD**

The flexible clamp on heat shield blocks over 90% of the damaging radiant heat from the exhaust. The composite construction incorporates Thermo-Tec's coating technology, providing the ultimate in protection.

PART NO:	DESCRIPTION
11650	1' X 4"
11600	1' X 6"
11604	1' X 6" WITH 4" CLAMPS
11660	2' X 4"
11620	2' X 6"
11624	2' X 6" WITH 4" CLAMPS



**STARTER HEAT SHIELD**

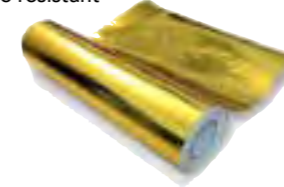
A non-conductive strap-on heat shield with a highly reflective mylar surface. Starters take in a lot of heat which damages the windings of the starter and solenoid. The shield will reflect 90% of radiant heat, adding life to the starter and ensuring reliable starts.

PART NO:	DESCRIPTION
14150	7" X 22"



**THERMAL PROTECTION HEAT REFLECTIVE FOILS**

Made from lightweight aerospace material. They have a fire resistant, pressure sensitive adhesive which meets or exceeds the Federal Aviation Authority 12-second vertical burn requirement. Easy to install, remove & also easy to repair since the film adheres to itself. Extremely versatile can be cut & formed. Other companies have tried to duplicate this product, yet do not compare as the imitation foils have a clear flammable adhesive, instead of a white fire resistant adhesive (see flame propagation photos).



PART NO:	DESCRIPTION
132002	SELF ADHESIVE GOLD FOIL 12" X 24"
132002-150	SELF ADHESIVE GOLD FOIL 12" X 150"
132001	SELF ADHESIVE SILVER FOIL 12" X 29"
132001-150	SELF ADHESIVE SILVER FOIL 12" X 150"

**RACEPARTS FILM**



**IMITATION FILM**



BOTH EXAMPLES SHOW THE RESULT AFTER A SMALL FLAME WAS HELD UNDER THE SAMPLE FOR 1 SECOND AND THEN REMOVED

**GOLD FILM:** Radiant heat protection up to 750°F. Has heat soak/continuous operating temperature of 500°F. Up to 70°F gradient temp drop across film during normal operating temperatures. (Breaks down 850°F of continuous radiant heat) 6mil thick weighs 5oz/yd<sup>2</sup>

**SILVER FILM:** Reflects at least 95% of the radiant energy. Radiant heat protection up to 1050°F (and higher for shorter durations) Minimum 400°F gradient temperature drop across film during normal operating temperatures. 15mil thick weighs 17oz/yd<sup>2</sup>.

**AEROLITE HEAT REFLECTIVE FOIL**

Aerolite foils are passive thermal control systems; their purpose is to minimise heat transfer through the panel or surface they protect. The foil is designed to offer the highest possible performance at the lightest possible weight. The adhesives have been tested to ensure consistent performance at high temperatures and are certified to pass FAA flammability requirements for aircraft and aerospace usage. The emittance number for AEROLITE tape is 0.03, so 97% of the radiated heat is reflected (not passed through).

PART NO:	DESCRIPTION
132003	SELF ADHESIVE AEROLITE FOIL 15" WIDE X 12' LONG
132003-30	SELF ADHESIVE AEROLITE FOIL 15" WIDE X 30' LONG

**AEROLITE HAS 5 LAYERS:**

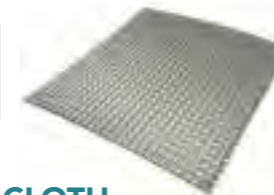
1. ACRYLIC OVERCOAT: FOR RESISTANCE TO HUMIDITY, CHEMICALS.
2. ALUMINUM MIRROR: 0.001" THICKNESS; FOR HEAT REFLECTION
3. POLYIMIDE KAPTON: 0.001" THICKNESS; FOR HEAT INSULATION AND BURN RESISTANCE TO 750F
4. ACRYLIC OVERCOAT
5. 3M HIGH-TEMPERATURE PRESSURE-SENSITIVE ADHESIVE (PSA)
6. TOTAL THICKNESS: LESS THAN 0.005"; WEIGHT: 98G PER SQUARE METER; 2.9OZ PER SQUARE YARD.



**NIMBUS LITE HEAT SHIELD**

Nimbus Lite is a revolutionary heat shield material. It is a single double embossed aluminium sheet. The embossed aluminium surface of Nimbus Lite gives a highly efficient thermal barrier and has exceptional mechanical strength whilst remaining light. Sheets are 2.54mm thick.

PART NO:	DESCRIPTION
NIMG1A	1000X900MM SHEET, 1.32KG
NIMG1B	900X500MM SHEET, 0.66KG
NIMG1C	500X450MM SHEET, 0.33KG



**NIMBUS GII HEAT SHIELD**

Nimbus GII is a revolutionary heat shield material. Its double layer of aluminium structure gives a highly efficient thermal barrier coupled with effective acoustic damping characteristics. It is very light and malleable yet offers outstanding thermal performance. sheets are 4.45mm thick.

PART NO:	DESCRIPTION
NIMG2A	1230X1200MM SHEET, 2.40KG
NIMG2B	1200X615MM SHEET, 1.20KG
NIMG2C	615X600MM SHEET, 0.60KG



**HEAT RESISTANT GLASS CLOTH**

Similar construction to Thermo-Tec Aluminized heat barrier. Available by the metre. Made up of woven silica with a flexible aluminized finish. Resists temperatures up to 2000°F. Installed using rivets or high temperature adhesive.

PART NO:	DESCRIPTION
GLA CLO.4	1M WIDE 0.4MM THICK
GLA CLO.7	1M WIDE 0.7MM THICK
GLA CLO18	1M WIDE 1.8MM THICK



**HEATSHRINK**

Black self extinguishing PVC coated heatshrink giving protection against corrosion and abrasion. This tough, hard wearing material may be fitted to braided hose or other components and shrunk to size. Maximum reduction of 35% of original size.

PART NO:	DESCRIPTION
HS760-03BK	HEATSHRINK SUITS -3/-4 HOSE
HS760-06BK	HEATSHRINK SUITS -4/-6 HOSE
HS760-10BK	HEATSHRINK SUITS -8/-10 HOSE
HS760-12BK	HEATSHRINK SUITS -12 HOSE





# Hoses & Fittings



## OUR SUPPLIERS

**GOODRIDGE**

**Parker**

**STÄUBLI**

**RACETECH**

**ADEL WIGGINS**

**NORMA**

## HOSES & FITTINGS

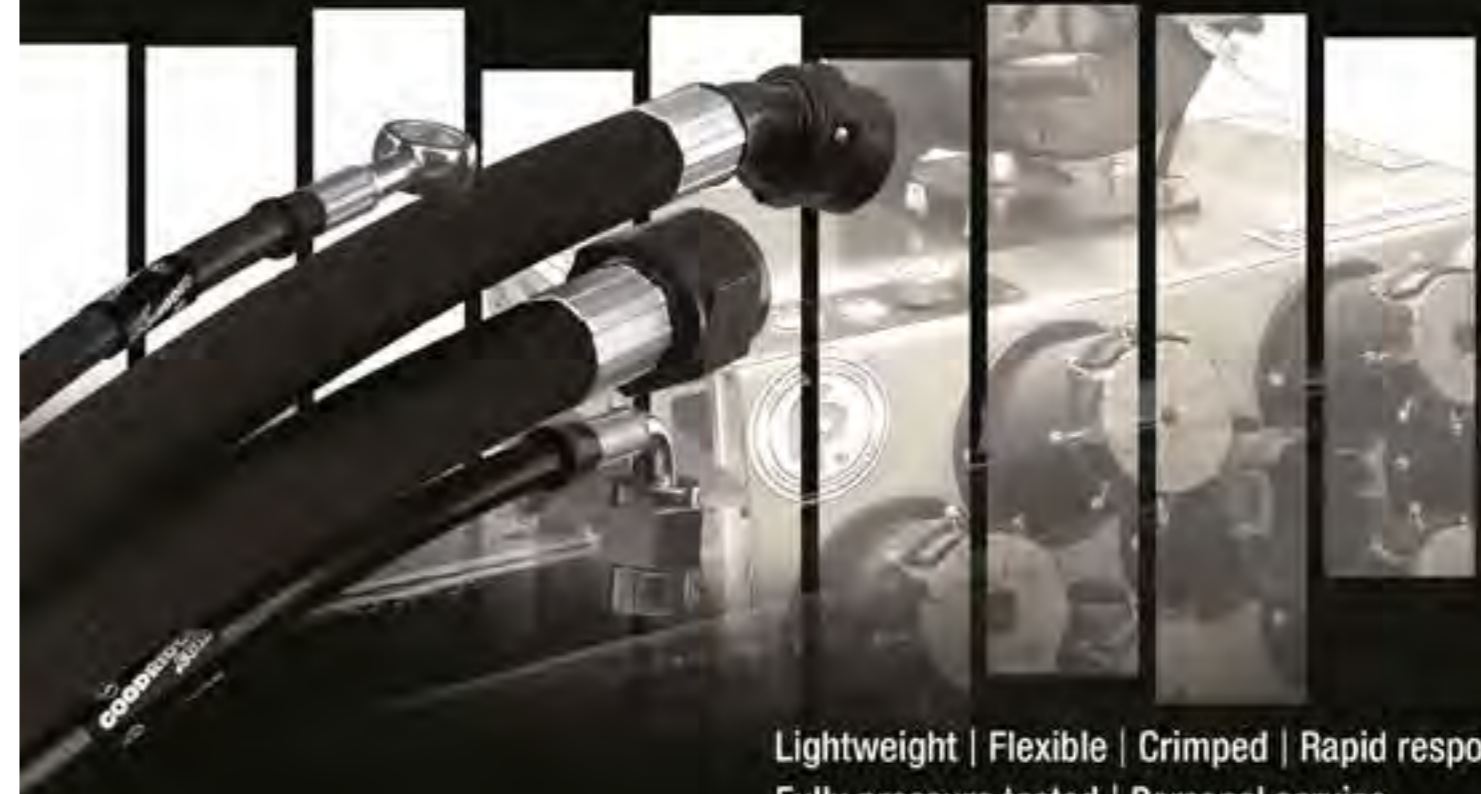
CUSTOM MADE HOSES	75
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# PLATINUM

## GOODRIDGE G-TECH CENTRE

Goodridge certified and trained to produce Goodridge hose assemblies in any size from -2 to -16 with swaged or reusable fittings.

**Contact our experienced technicians for your quote now**



Lightweight | Flexible | Crimped | Rapid response  
Fully pressure tested | Personal service  
Pressure testing service available

**BRAKE | CLUTCH | FUEL | OIL | HYDRAULIC | AIR**

Qty	Adaptor A	Fitting A	Hose Length / Type	Fitting B	Adaptor B
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5

Alignment / Orientation
1
2
3
4
5

Date	Customer	Part Number	Description
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5



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WORLDWIDE SUPPLIERS OF MOTOR RACING COMPONENTS

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**200 SERIES HOSE**

The traditional and premier stainless steel braided nitrile hose. Suitable for oil, fuel (except in cockpit) and water from -46°C to +150°C.



PART NO:	HOSE SIZE	HOSE I.D	HOSE O.D	WORKING PRESS	BURST PRESS	MIN. BEND RADIUS	WEIGHT PER MTR
200-06	-06	0.34"	0.55"	1000 PSI	6000 PSI	2.500"	0.201 KG
200-08	-08	0.44"	0.64"	1000 PSI	5000 PSI	3.500"	0.271 KG
200-10	-10	0.56"	0.80"	1000 PSI	5000 PSI	4.000"	0.348 KG
200-12	-12	0.69"	0.93"	1000 PSI	3750 PSI	4.500"	0.421 KG
200-16	-16	0.88"	1.15"	750 PSI	2500 PSI	5.500"	0.552 KG

**210 SERIES HOSE**

Based on the 200 series hose. The 210 series has a lightweight fibre braid, with high abrasion resistance. It is the perfect solution as a lightweight alternative to 200 series, where the robust stainless steel braid is not necessary and weight saving is paramount. Suitable for oil, fuel (except in cockpit) and water from -40°C to +148°C.



PART NO:	HOSE SIZE	HOSE I.D	HOSE O.D	WORKING PRESS	BURST PRESS	MIN. BEND RADIUS	WEIGHT PER MTR
210-06	-06	0.34"	0.56"	500 PSI	2000 PSI	2.500"	0.141 KG
210-08	-08	0.44"	0.67"	500 PSI	2000 PSI	3.500"	0.179 KG
210-10	-10	0.56"	0.82"	500 PSI	2000 PSI	4.000"	0.231 KG
210-12	-12	0.69"	0.96"	350 PSI	1400 PSI	4.500"	0.372 KG
210-16	-16	0.88"	1.15"	350 PSI	1400 PSI	5.500"	0.476 KG

**236 JIC ALUMINIUM REUSABLE FITTINGS**

Precisely engineered for the Goodridge 200 & 210 hoses these fittings provide excellent performance. The smooth, brazed tube design provides excellent fluid flow and leak free connection. Available in silver or black finish (except 30° and 60°), ideal for historic applications.

**236 JIC FITTINGS**



PART NO:	JIC SIZE
236-0106	-06 STRAIGHT
236-0108	-08 STRAIGHT
236-0110	-10 STRAIGHT
236-0112	-12 STRAIGHT
236-0116	-16 STRAIGHT



PART NO:	JIC SIZE
236-3106	-06 30°
236-3108	-08 30°
236-3110	-10 30°
236-3112	-12 30°
236-3116	-16 30°



PART NO:	JIC SIZE
236-4506	-06 45°
236-4508	-08 45°
236-4510	-10 45°
236-4512	-12 45°
236-4516	-16 45°



PART NO:	JIC SIZE
336-4506	-06 45°
336-4508	-08 45°
336-4510	-10 45°
336-4512	-12 45°
336-4516	-16 45°



PART NO:	JIC SIZE
236-6106	-06 60°
236-6108	-08 60°
236-6110	-10 60°
236-6112	-12 60°
236-6116	-16 60°



PART NO:	JIC SIZE
236-9006	-06 90°
236-9008	-08 90°
236-9010	-10 90°
236-9012	-12 90°
236-9016	-16 90°



PART NO:	JIC SIZE
336-9006	-06 90°
336-9008	-08 90°
336-9010	-10 90°
336-9012	-12 90°
336-9016	-16 90°



PART NO:	JIC SIZE
236-12006	-06 120°
236-12008	-08 120°
236-12010	-10 120°
236-12012	-12 120°
236-12016	-16 120°



PART NO:	JIC SIZE
236-15006	-06 150°
236-15008	-08 150°
236-15010	-10 150°
236-15012	-12 150°
236-15016	-16 150°



PART NO:	JIC SIZE
236-18006	-06 180°
236-18008	-08 180°
236-18010	-10 180°
236-18012	-12 180°
236-18016	-16 180°

**236 BLACK JIC FITTINGS**



PART NO:	JIC SIZE
236-0106BK	-06 STRAIGHT
236-0108BK	-08 STRAIGHT
236-0110BK	-10 STRAIGHT
236-0112BK	-12 STRAIGHT
236-0116BK	-16 STRAIGHT



PART NO:	JIC SIZE
236-4506BK	-06 45°
236-4508BK	-08 45°
236-4510BK	-10 45°
236-4512BK	-12 45°
236-4516BK	-16 45°



PART NO:	JIC SIZE
236-9006BK	-06 90°
236-9008BK	-08 90°
236-9010BK	-10 90°
236-9012BK	-12 90°
236-9016BK	-16 90°

**236 METRIC FITTINGS**



PART NO:	METRIC SIZE
236-0106M12	M12X1.5 TO -6
236-0106M14	M14X1.5 TO -6
236-0106M16	M16X1.5 TO -6
236-0108M14	M14X1.5 TO -8
236-0108M16	M16X1.5 TO -8



PART NO:	METRIC SIZE
336-9006M12	M12X1.5 TO -6
336-9006M14	M14X1.5 TO -6
336-9006M16	M16X1.5 TO -6
336-9008M14	M14X1.5 TO -8
336-9008M16	M16X1.5 TO -8

**910 SERIES HOSE**

910 hose is the number one choice of leading motorsport teams, and Goodridge's flagship lightweight hose. 910 combines a woven super-light aramid braid, with a single 100% PTFE inner core - smooth inside for increase flow and convoluted outside for amazing flexibility. Compatible with reusable 811 fittings or crimped 711 fittings. Operates between -45°C and +170°C and suitable for fuel, oil water, methanol and air.



PART NO:	HOSE SIZE	HOSE I.D	HOSE O.D	WORKING PRESS	BURST PRESS	MIN. BEND RADIUS	WEIGHT PER MTR
910-04	-04	0.270"	0.406"	1320 PSI	5290 PSI	0.925"	0.055 KG
910-06	-06	0.375"	0.512"	1180 PSI	4700 PSI	0.787"	0.088 KG
910-08	-08	0.500"	0.650"	1030 PSI	4120 PSI	1.426"	0.141 KG
910-10	-10	0.625"	0.819"	955 PSI	3820 PSI	1.772"	0.201 KG
910-12	-12	0.750"	0.961"	880 PSI	3530 PSI	1.969"	0.292 KG

**811 SERIES HOSE**

811 hose has all the flexibility and flow rate advantages of 910 hose with a stainless steel braid for additional protection. Has a 100% PTFE inner core - smooth inside for increase flow and convoluted outside for amazing flexibility. Compatible with reusable 811 fittings or crimped 711 fittings. Operates between -70°C and +260°C. Suitable for use with fuel, oil, air, water and methanol.



PART NO:	HOSE SIZE	HOSE I.D	HOSE O.D	WORKING PRESS	BURST PRESS	MIN. BEND RADIUS	WEIGHT PER MTR
811-04	-04	0.270"	0.378"	1320 PSI	5290 PSI	0.750"	0.090 KG
811-06	-06	0.375"	0.512"	1180 PSI	4700 PSI	0.787"	0.140 KG
811-08	-08	0.500"	0.650"	1030 PSI	4120 PSI	1.496"	0.290 KG
811-10	-10	0.625"	0.819"	955 PSI	3820 PSI	1.772"	0.350 KG
811-12	-12	0.750"	0.961"	880 PSI	3530 PSI	1.969"	0.400 KG

**711 SERIES HOSE**

711 hose is the lightest most flexible aramid fibre braid covered product on the market. It has a anti-static PTFE convoluted bore and aramid fibre braid cover. Compatible with crimped 711 fittings only. Operates between -45°C and +170°C. Suitable for use with fuel, oil, air, water and methanol.



PART NO:	HOSE SIZE	HOSE I.D	HOSE O.D	WORKING PRESS	BURST PRESS	MIN. BEND RADIUS	WEIGHT PER MTR
711-06	-06	0.375"	0.490"	652 PSI	2610 PSI	0.750"	0.071 KG
711-08	-08	0.505"	0.620"	493 PSI	1972 PSI	1.000"	0.112 KG
711-10	-10	0.720"	0.820"	435 PSI	1740 PSI	1.200"	0.158 KG
711-12	-12	0.765"	0.900"	348 PSI	1392 PSI	2.000"	0.198 KG

**511 SERIES HOSE**

511 hose is the lightest most flexible stainless steel braided product on the market. It has a anti-static PTFE convoluted bore and stainless steel braid cover. Compatible with crimped 711 fittings only. Operates between -70°C and +230°C. Suitable for use with fuel, oil, air, water and methanol.



PART NO:	HOSE SIZE	HOSE I.D	HOSE O.D	WORKING PRESS	BURST PRESS	MIN. BEND RADIUS	WEIGHT PER MTR
511-06	-06	0.375"	0.470"	870 PSI	3480 PSI	0.750"	0.144 KG
511-08	-08	0.505"	0.600"	682 PSI	2726 PSI	1.000"	0.195 KG
511-10	-10	0.720"	0.835"	580 PSI	2320 PSI	1.200"	0.296 KG
511-12	-12	0.765"	0.894"	464 PSI	1856 PSI	2.000"	0.376 KG

**711 JIC ALUMINIUM G-LINE CRIMPED FITTINGS**

The newly developed 711 range of high performance fittings have been designed to achieve the worlds lightest fluid transfer system. The 711 one piece fittings are fully machined with a larger bore to create the highest flow characteristics available. Crimp collars are separate.



PART NO:	JIC SIZE	PART NO:	JIC SIZE	PART NO:	JIC SIZE	PART NO:	JIC SIZE	PART NO:	JIC SIZE
711-0106	-06 STRAIGHT	711-3006	-06 30°	711-4506	-06 45°	711-4606	-06 45°	711-6006	-06 60°
711-0108	-08 STRAIGHT	711-3008	-08 30°	711-4508	-08 45°	711-4608	-08 45°	711-6008	-08 60°
711-0110	-10 STRAIGHT	711-3010	-10 30°	711-4510	-10 45°	711-4610	-10 45°	711-6010	-10 60°
711-0112	-12 STRAIGHT	711-3012	-12 30°	711-4512	-12 45°	711-4612	-12 45°	711-6012	-12 60°
711-0116	-16 STRAIGHT	711-3016	-16 30°	711-4516	-16 45°	711-4616	-16 45°	711-6016	-16 60°



PART NO:	JIC SIZE	PART NO:	JIC SIZE	PART NO:	JIC SIZE	PART NO:	JIC SIZE	PART NO:	JIC SIZE
711-9006	-06 90°	711-9106	-06 90°	711-12006	-06 120°	711-15006	-06 150°	711-18006	-06 180°
711-9008	-08 90°	711-9108	-08 90°	711-12008	-08 120°	711-15008	-08 150°	711-18008	-08 180°
711-9010	-10 90°	711-9110	-10 90°	711-12010	-10 120°	711-15010	-10 150°	711-18010	-10 180°
711-9012	-12 90°	711-9112	-12 90°	711-12012	-12 120°	711-15012	-12 150°	711-18012	-12 180°
711-9016	-16 90°	711-9116	-16 90°	711-12016	-16 120°	711-15016	-16 150°	711-18016	-16 180°



**811 FITTINGS**

Goodridge patented 811 reusable fittings attachment method provides a fully reusable olive free fitting designed exclusively for use with lightweight PTFE hose.

PART NO:	JIC SIZE	PART NO:	JIC SIZE	PART NO:	JIC SIZE	PART NO:	JIC SIZE	PART NO:	JIC SIZE
811-0106	-06 STRAIGHT	811-4506	-06 45°	811-9006	-06 90°	812-4506	-06 45°	812-9006	-06 90°
811-0108	-08 STRAIGHT	811-4508	-08 45°	811-9008	-08 90°	812-4508	-08 45°	812-9008	-08 90°
811-0110	-10 STRAIGHT	811-4510	-10 45°	811-9010	-10 90°	812-4510	-10 45°	812-9010	-10 90°
811-0112	-12 STRAIGHT	811-4512	-12 45°	811-9012	-12 90°	812-4512	-12 45°	812-9012	-12 90°
811-0116	-16 STRAIGHT	811-4516	-16 45°	811-9016	-16 90°	812-4516	-16 45°	812-9016	-16 90°

PART NO:	JIC SIZE	PART NO:	JIC SIZE	PART NO:	JIC SIZE
811-12006	-06 120°	811-15006	-06 150°	811-18006	-06 180°
811-12008	-08 120°	811-15008	-08 150°	811-18008	-08 180°
811-12010	-10 120°	811-15010	-10 150°	811-18010	-10 180°
811-12012	-12 120°	811-15012	-12 150°	811-18012	-12 180°
811-12016	-16 120°	811-15016	-16 150°	811-18016	-16 180°

**PUSH-FIT HOSE AND FITTINGS**

Textile braided low pressure hose This hose is constructed of synthetic rubber tube, textile braid reinforcement and synthetic rubber cover. It is suitable for use with fuel, oil, air and water and has a temperature range of -40°C to +150°C. Also available in Black.

PART NO:	HOSE SIZE	HOSE I.D	HOSE O.D	WORKING PRESS	BURST PRESS	MIN. BEND RADIUS	WEIGHT PER MTR
FBN-0400	-04	0.25"	0.50"	400 PSI	1015 PSI	2.500"	0.120 KG
FBN-0600	-06	0.38"	0.62"	400 PSI	1015 PSI	3.000"	0.190 KG
FBN-0800	-08	0.50"	0.78"	400 PSI	1015 PSI	4.000"	0.220 KG
FBN-1000	-10	0.62"	0.91"	350 PSI	1015 PSI	5.000"	0.300 KG
FBN-1200	-12	0.75"	1.03"	350 PSI	1015 PSI	6.000"	0.420 KG

**JIC PUSH FIT**

PART NO:	JIC SIZE	PART NO:	JIC SIZE	PART NO:	JIC SIZE	PART NO:	JIC SIZE	PART NO:	JIC SIZE
E536-0104	-04 45°	E536-4504	-04 45°	E536-9004	-04 90°	E536-12004	-04 120°	E536-15004	-04 150°
E536-0106	-06 STRAIGHT	E536-4506	-06 45°	E536-9006	-06 90°	E536-12006	-06 120°	E536-15006	-06 150°
E536-0108	-08 STRAIGHT	E536-4508	-08 45°	E536-9008	-08 90°	E536-12008	-08 120°	E536-15008	-08 150°
E536-0110	-10 STRAIGHT	E536-4510	-10 45°	E536-9010	-10 90°	E536-12010	-10 120°	E536-15010	-10 150°
E536-0112	-12 STRAIGHT	E536-4512	-12 45°	E536-9012	-12 90°	E536-12012	-12 120°	E536-12012	-12 150°

**BSP PUSH FIT**

PART NO:	JIC SIZE	PART NO:	BSP SIZE	PART NO:	BSP SIZE	PART NO:	BSP SIZE	PART NO:	BSP SIZE
E536-18004	-04 180°	E351-04	1/4BSP MALE	E350-04	1/4BSP FEM	E7000-04	1/4BSP 45°	E7001-04	1/4BSP 90°
E536-18006	-06 180°	E351-06	3/8BSP MALE	E350-06	3/8BSP FEM	E7000-06	3/8BSP 45°	E7001-06	3/8BSP 90°
E536-18008	-08 180°	E351-08	1/2BSP MALE	E350-08	1/2BSP FEM	E7000-08	1/2BSP 45°	E7001-08	1/2BSP 90°
E536-18010	-10 180°	E351-10	5/8BSP MALE	E350-10	5/8BSP FEM	E7000-10	5/8BSP 45°	E7001-10	5/8BSP 90°
E536-18012	-12 180°	E351-12	3/4BSP MALE	E350-12	3/4BSP FEM	E7000-12	3/4BSP 45°	E7001-12	3/4BSP 90°

**ADAPTORS ETC**

MATERIALS: ADD P FOR PLATED STEEL, C FOR STAINLESS STEEL AND D FOR ALUMINIUM (NOT ALL OPTIONS AVAILABLE)

AN815 EQUAL MALE			AN832 MALE BULKHEAD			AN833 90° MALE BULKHEAD			AN837 MALE BULKHEAD		
PART NO:	MATERIAL	JIC/UNCF	PART NO:	MATERIAL	JIC/UNF THREAD	PART NO:	MATERIAL	JIC/UNF THREAD	PART NO:	MATERIAL	JIC/UNF THREAD
AN815-02	C	5/16 X 24	AN832-03	C, D, P	3/8 X 24	AN833-03	C, D, P	3/8 X 24	AN837-03	C, D, P	3/8 X 24
AN815-03	C, CH, D, P	3/8 X 24	AN832-04	C, D, P	7/16 X 20	AN833-04	C, D, P	7/16 X 20	AN837-04	D	7/16 X 20
AN815-03V	C, CH, P	3/8 X 24	AN832-06	D, P	9/16 X 18	AN833-06	C, D	9/16 X 18	AN837-06	D	9/16 X 18
AN815-04	C, D, P	7/16 X 20	AN832-08	D	3/4 X 16	AN833-08	D	3/4 X 16	AN837-08	D	3/4 X 16
AN815-06	D, P	9/16 X 18	AN832-10	D	7/8 X 14	AN833-10	D	7/8 X 14	AN837-10	D	7/8 X 14
AN815-08	D, P	3/4 X 16	AN832-12	D, P	1 1/16 X 12	AN833-12	D	1 1/16 X 12	AN837-12	D	1 1/16 X 12
AN815-10	D, P	7/8 X 14	AN832-16	D	1 5/16 X 12	AN833-16	D	1 5/16 X 12	AN837-16	D	1 5/16 X 12
AN815-12	D, P	1 1/16 X 12									
AN815-16	D, P	1 5/16 X 12									

AN834 MALE BULKHEAD TEE			AN924 NUT			821 90° ELBOW MAL			AN824 MALE TEE		
PART NO:	MATERIAL	JIC/UNF	PART NO:	MATERIAL	JIC/UNF	PART NO:	MATERIAL	JIC/UNF	PART NO:	MATERIAL	JIC/UNCF
AN834-03	C, D, P	3/8 X 24	AN924-02	D	5/16 X 24	AN821-03	C, D	3/8 X 24	AN824-03	C, D, CH,P	3/8 X 24
AN834-04	D	7/16 X 20	AN924-03	D	3/8 X 24	AN821-04	D	7/16 X 20	AN824-04	C, D, P	7/16 X 20
AN834-06	D	9/16 X 18	AN924-04	D	7/16 X 20	AN821-06	D	9/16 X 18	AN824-06	D	9/16 X 18
AN834-08	D	3/4 X 16	AN924-06	D	9/16 X 18	AN821-08	D	3/4 X 16	AN824-08	D	3/4 X 16
			AN924-08	D	3/4 X 16	AN821-10	D	7/8 X 14	AN824-10	D	7/8 X 14
			AN924-10	D	7/8 X 14	AN821-12	D	1 1/16 X 12	AN824-12	D	1 1/16 X 12
			AN924-12	D	1 1/16 X 12	AN821-16	D	1 5/16 X 12	AN824-16	D	1 5/16 X 12
			AN924-16	D	1 5/16 X 12						

AN938 FEMALE TEE			AN806 PLUG			AN814 PORT PLUG			AN814SD PORT PLUG WITH SOCKET HEX (O RING)		
PART NO:	MATERIAL	JIC/UNF	PART NO:	MATERIAL	JIC/UNF	PART NO:	MATERIAL	JIC/UNF	PART NO:	MATERIAL	JIC/UNCF
AN938-04	D	7/16 X 20	AN806-02	D	5/16 X 24	AN814-03	D	3/8 X 24	AN814-03S	D	3/8 X 24
AN938-06	D	9/16 X 18	AN806-03	D, P	3/8 X 24	AN814-04	D	7/16 X 20	AN814-04S	D	7/16 X 20
AN938-08	D	3/4 X 16	AN806-04	D	7/16 X 20	AN814-06	D	9/16 X 18	AN814-06S	D	9/16 X 18
AN938-10	D	7/8 X 14	AN806-05	D	1/2 X 20	AN814-08	D	3/4 X 16	AN814-08S	D	3/4 X 16
AN938-12	D	1 1/16 X 12	AN806-06	D	9/16 X 18	AN814-10	D	7/8 X 14	AN814-10S	D	7/8 X 14
			AN806-08	D	3/4 X 16	AN814-12	D	1 1/16 X 12	AN814-12S	D	1 1/16 X 12
			AN806-10	D	7/8 X 14	AN814-16	D	1 5/16 X 12	AN814-16S	D	1 5/16 X 12
			AN806-12	D	1 1/16 X 12						
			AN806-16	D	1 5/16 X 12						

AN971 MALE WELD FLANGE ADAPTOR			AN871 FEMALE WELD ADAPTOR			AN929 CAP			AN827 MALE TEE		
PART NO:	MATERIAL	JIC/UNF	PART NO:	MATERIAL	JIC/UNF	PART NO:	MATERIAL	JIC/UNF THREAD	PART NO:	MATERIAL	JIC/UNF THREAD
AN971-03	D	3/8 X 24	AN871-04	D	7/16 X 20 UNF	AN929-03	D	3/8 X 24	AN827-06	D	9/16 X 18
AN971-04	D, P	7/16 X 20	AN871-06	D	9/16 X 18 UNF	AN929-04	D	7/16 X 20			
AN971-06	D, P	9/16 X 18	AN871-08	D	3/4 X 16 UNF	AN929-05	D	1/2 X 20			
AN971-08	D	3/4 X 16	AN871-10	D	7/16 X 14 UNF	AN929-06	D	9/16 X 18			
AN971-10	D	7/8 X 14	AN871-12	D	1 1/16 X 12 UNF	AN929-08	D	3/4 X 16			
AN971-12	D	1 1/16 X 12				AN929-10	D	7/8 X 14			
AN971-16	D	1 5/16 X 12				AN929-12	D	1 1/16 X 12			
AN971-20	D	1 5/8 X 12				AN929-16	D	1 5/16 X 12			





741 BSP MALE TO JIC MALE			
PART NO:	MATERIAL	A-BSP	B-JIC
741-03-03	CH, D, P	1/8 X 28	3/8 X 24
741-03-04	D, P	1/8 X 28	7/16 X 20
741-03-05	P	1/8 X 28	1/2 X 20
741-03-06	D	1/8 X 28	9/16 X 18
741-04-03	D	1/4 X 19	3/8 X 24
741-04-04	D, P	1/4 X 19	7/16 X 20
741-04-06	D, P	1/4 X 19	9/16 X 18
741-04-08	P	1/4 X 19	3/4 X 16
741-04-10	P	1/4 X 19	7/8 X 14
741-06-04	D, P	3/8 X 19	7/16 X 20
741-06-06	D, P	3/8 X 19	9/16 X 18
741-06-08	D, P	3/8 X 19	3/4 X 16
741-06-10	D	3/8 X 19	7/8 X 14
741-08-06	D, P	1/2 X 14	9/16 X 18
741-08-08	D, P	1/2 X 14	3/4 X 16
741-08-10	D, P	1/2 X 14	7/8 X 14
741-08-12	D, P	1/2 X 14	1 1/16 X 12
741-10-10	D, P	5/8 X 14	7/8 X 14
741-10-12	D, P	5/8 X 14	1 1/16 X 12
741-12-10	P	3/4 X 14	7/8 X 14
741-12-12	D, P	3/4 X 14	1 1/16 X 12
741-16-12	P	1 X 11	1 1/16 X 12

AN816 ADAPTOR STRAIGHT MALE JIC TO STRAIGHT MALE NPT			
PART NO:	MATERIAL	A-JIC	B-NPT
AN816-03	C, CH, D, P	3/8 X 24	1/8 X 27
AN816-03-04	D, P	3/8 X 24	1/4 X 18
AN816-04	D, P	7/16 X 20	1/8 X 27
AN816-04-04	D, P	7/16 X 20	1/4 X 18
AN816-06-02	D, P	9/16 X 18	1/8 X 27
AN816-06	D, P	9/16 X 18	1/4 X 18
AN816-06-06	D, P	9/16 X 18	3/8 X 18
AN816-06-08	D	9/16 X 18	1/2 X 14
AN816-07	D	3/4 X 16	1/4 X 18
AN816-08	D	3/4 X 16	3/8 X 18
AN816-08-08	D	3/4 X 16	1/2 X 14
AN816-08-12	D	3/4 X 16	3/4 X 14
AN816-10-06	D	7/8 X 14	3/8 X 18
AN816-10	D	7/8 X 14	1/2 X 14
AN816-10-12	D	7/8 X 14	3/4 X 14
AN816-12-08	D	1 1/16 X 12	1/2 X 14
AN816-12	D	1 1/16 X 12	3/4 X 14
AN816-12-16	D	1 1/16 X 12	1 X 11 1/2
AN816-16	D	1 5/16 X 12	1 X 11 1/2
AN816-16-12	D	1 5/16 X 12	3/4 X 14

AN822 90° MALE ELBOW JIC TO MALE NPT			
PART NO:	MATERIAL	A-JIC	B-NPT
AN822-03	C, CH, D, P	3/8 X 24	1/8 X 27
AN822-04	C, D	7/16 X 20	1/8 X 27
AN822-04-04	D	7/16 X 20	1/4 X 18
AN822-06-02	D	9/16 X 18	1/8 X 27
AN822-06	D	9/16 X 18	1/4 X 18
AN822-06-06	D	9/16 X 18	3/8 X 18
AN822-06-08	D	9/16 X 18	1/2 X 14
AN822-07	D	3/4 X 16	1/4 X 18
AN822-08	D	3/4 X 16	3/8 X 18
AN822-08-08	D	3/4 X 16	1/2 X 14
AN822-08-12	D	3/4 X 16	3/4 X 14
AN822-10	D, P	7/8 X 14	1/2 X 14
AN822-12	D	1 1/16 X 12	3/4 X 14
AN822-12-08	D	1 1/16 X 12	1/2 X 14
AN822-12-16	D	1 1/16 X 12	1 X 11 1/2
AN822-16	D	1 5/16 X 12	1 X 11 1/2



AN823 45° MALE ELBOW JIC TO NPT MALE			
PART NO:	MATERIAL	A-JIC	B-NPT
AN823-03	CH, D, P	3/8 X 24	1/8 X 27
AN823-04	D	7/16 X 20	1/8 X 27
AN823-06-02	D	9/16 X 18	1/8 X 27
AN823-06	D	9/16 X 18	1/4 X 18
AN823-06-06	D	9/16 X 18	3/8 X 18
AN823-08	D	3/4 X 16	3/8 X 18
AN823-08-08	D	3/4 X 16	1/2 X 14
AN823-10	D	7/8 X 14	1/2 X 14
AN823-10-06	D	7/8 X 14	3/8 X 18
AN823-16	D	1 5/16 X 12	1 X 11 1/2

AN825 JIC TEE NPT ON LEG			
PART NO:	MATERIAL	A-JIC	B-NPT
AN825-03	D	3/8 X 24	1/8 X 27
AN825-04	D	7/16 X 20	1/8 X 27
AN825-06	D	9/16 X 18	1/4 X 18
AN825-08	D	3/4 X 16	3/8 X 18
AN825-10	D	7/8 X 14	1/2 X 14
AN825-12	D	1 1/16 X 12	3/4 X 14

AN826 JIC TEE NPT ON RUN			
PART NO:	MATERIAL	A-JIC	B-NPT
AN826-03	D	3/8 X 24	1/8 X 27
AN826-04	D	7/16 X 20	1/8 X 27
AN826-06	D	9/16 X 18	1/4 X 18
AN826-08	D	3/4 X 16	3/8 X 18
AN826-10	D	7/8 X 14	1/2 X 14
AN826-12	D	1 1/16 X 12	3/4 X 14



AN950 MALE TO FEMALE ADAPTOR (JIC SEATS) REDUCER			
PART NO:	MATERIAL	A-JIC/UNF	B-JIC/UNF
AN950-04-03	D	7/16 X 20	3/8 X 24
AN950-06-03	D	9/16 X 20	3/8 X 24
AN950-06-04	D	9/16 X 18	7/16 X 20
AN950-08-04	D	3/4 X 16	7/16 X 20
AN950-08-06	D	3/4 X 16	9/16 X 18
AN950-10-06	D	7/8 X 14	9/16 X 18
AN950-10-08	D	7/8 X 14	3/4 X 16
AN950-12-08	D	1 1/16 X 12	3/4 X 16
AN950-12-10	D	1 1/16 X 12	7/8 X 14
AN950-16-12	D	1 5/16 X 12	1 1/16 X 12

AN919 JIC MALE TO MALE UNEQUAL			
PART NO:	MATERIAL	A - JIC/UNF	B - JIC/UNF
AN919-02	D, P	-3	-4
AN919-06	D	-6	-4
AN919-07	D	-6	-5
AN919-10	D	-8	-4
AN919-12	D	-6	-8
AN919-14	D	-10	-6
AN919-15	D	-10	-8
AN919-18	D	-12	-6
AN919-19	D	-12	-8
AN919-20	D	-12	-10
AN919-22	D	-16	-10
AN919-23	D	-16	-12

306 JIC TO METRIC CONCAVE			
PART NO:	MATERIAL	JIC	MET
306-03-31	C	-3	10X1
306-03-32	C	-3	10X1.25
306-03-35	P	-3	10X1.5
306-03-M121	D	-3	12X1
306-03-M12	P	-3	12X1.5
306-04-31	C, D	-4	10X1
306-04-32	D	-4	10X.125
306-04-M12	P	-4	12X1.5
306-04-M121	D	-4	12X1
306-04-M14	D, P	-4	14X1.5
306-04-M16	P	-4	16X1.5
306-06-31	D	-6	10X1
306-06-32	D	-6	10X1.25
306-06-M121	D	-6	12X1
306-06-M12	D, P	-6	12X1.5
306-06-M14	D, P	-6	14X1.5
306-06-M16	D, P	-6	16X1.5
306-06-M18	D, P	-6	18X1.5
306-06-M20	D	-6	20X1.5
306-08-M12	D	-8	12X1.5
306-08-M14	D, P	-8	14X1.5
306-08-M16	D, P	-8	16X1.5
306-08-M18	D	-8	18X1.5
306-08-M20	D	-8	20X1.5
306-08-M22	D	-8	22X1.5
306-10-M14	D	-10	14X1.5
306-10-M16	D, P	-10	16X1.5
306-10-M18	D	-10	18X1.5
306-10-M20	D	-10	20X1.5
306-10-M22	D	-10	22X1.5
306-10-M24	D	-10	24X1.5
306-12-M18	D	-12	18X1.5
306-12-M20	D	-12	20X1.5
306-12-M22	D	-12	22X1.5

BSP TO BSP EQUAL		
PART NO:		BSP
136-03		1/8
136-04		1/4
136-06		3/8
136-08		1/2
136-10		5/8
136-12		3/4

BSP TO BSP UNEQUAL		
PART NO:	BSP	BSP
135-03-04	1/8	1/4
135-03-06	1/8	3/8
135-04-06	1/4	3/8
135-04-08	1/4	1/2
135-06-08	3/8	1/2
135-06-10	3/8	5/8
135-08-10	1/2	5/8



BSP TO NPT		
PART NO:	BSP	NPT
544-03-03	1/8	1/8
544-03-04	1/4	1/8
544-03-06	3/8	1/8
544-03-08	1/2	1/8
544-04-03	1/8	1/4
544-04-04	1/4	1/4
544-04-06	3/8	1/4
544-06-04	1/4	3/8
544-06-06	3/8	3/8
544-06-08	1/2	3/8

CPL ADAPTOR SWIVEL FEMALE COUPLING		
PART NO:	MATERIAL	JIC/UNCF
CPL-03	C,D	3/8 X 24
CPL-04	C,D	7/16 X 20
CPL-06	D	9/16 X 18
CPL-08	D	3/4 X 16
CPL-10	D	7/8 X 14
CPL-12	D	1 1/16 X 12
CPL-16	D	1 5/16 X 12

CPL-816 ADAPTOR JIC/UNF FEMALE SWIVEL TO MALE NPT			
PART NO:	MATERIAL	A-JIC	B-NPT
CPL-8164	D	7/16 X 20	1/8
CPL-81662	D	9/16 X 18	1/8
CPL-8166	D	9/16 X 18	1/4
CPL-81666	D	9/16 X 18	3/8
CPL-81610	D	7/8 X 14	1/2



CPL-824 ADAPTOR TEE MALE THREAD ON RUN SWIVEL FEMALE ON LEG		
PART NO:	MATERIAL	JIC/UNF
CPL-824-03	D	3/8 X 24
CPL-824-04	D	7/16 X 20
CPL-824-06	D	9/16 X 18
CPL-824-08	D	3/4 X 16
CPL-824-10	D	7/8 X 14
CPL-824-12	D	1 1/16 X 12


CPL-826 ADAPTOR TEE MALE TO FEMALE ON RUN, MALE ON LEG		
PART NO:	MATERIAL	JIC/UNCF
CPL-826-03	D	3/8 X 24
CPL-826-04	D	7/16 X 20
CPL-826-06	D	9/16 X 18
CPL-826-08	D	3/4 X 16
CPL-826-10	D	7/8 X 14
CPL-826-12	D	1 1/16 X 12

CPL-823 ADAPTOR 45° MALE TO SWIVEL FEMALE		
PART NO:	MATERIAL	JIC/UNF
CPL-823-03	D	3/8 X 24
CPL-823-04	D	7/16 X 20
CPL-823-06	D	9/16 X 18
CPL-823-08	D	3/4 X 16
CPL-823-10	D	7/8 X 14
CPL-823-12	D	1 1/16 X 12





600 SERIES HOSE -02 TO -04 FOR: BRAKE & CLUTCH



PART NO	BORE SIZE	PTFE WALL	BRAID O/D	WORKING PRES		BURST PRES		WEIGHT KG/M	TEMPERATURE		MIN BEND RAD
	MM	MM	MM	BAR	PSI	BAR	PSI		MIN	MAX	
600-02	2.0	1.0	5.0	450	6526	1350	19580	0.045	-70°C (-94°F)	260°C (500°F)	13
600-03	3.5	1.0	6.45	290	4206	870	12618	0.088	-20°C (-4°F)	85°C (185°F)	38
600-04	5.0	0.76	7.65	280	4061	840	12183	0.075	-70°C (-94°F)	260°C (500°F)	50

REPLACEMENT PARTS FOR 600 HOSE AND FITTINGS

<b>1205 OLIVE</b>		<b>1206 SOCKET</b>		<b>RC600 CRIMP COLLARS</b>		<b>44561 COPPER WASHERS</b>			
PART NO:	MATERIAL	PART NO:	MATERIAL	PART NO:	MATERIAL	PART NO:	I.D.	O.D.	THICKNESS
1205-02	B	1206-02	C	RC600-03TUV	B	44516 (-03)	3/8, 10MM	0.590"	0.050"
1205-03	C, B, D	1206-03	C, CH, D, P	RC600-03TUV	C	44518 (-04)	0.437"	0.685"	0.050"
1205-04	B, D	1206-04	P						

JIC/UNF RE-USABLE FITTINGS FOR 600 HOSE

MATERIAL: C - STAINLESS, P - PLATED, D - ALUMINIUM

<b>6001 STRAIGHT FEMALE CONCAVE SEAT</b>			<b>6045 45° FORGED FEMALE CONCAVE SEAT</b>		
PART NO:	MATERIAL	JIC/UNF THREAD	PART NO:	MATERIAL	JIC/UNF THREAD
6001-02	C	5/16 X 24	6045-02	C	5/16 X 24
6001-03	C, D, P	3/8 X 24	6045-03	C, D, P	3/8 X 24
6001-04	C, D, P	7/16 X 20	6045-04	D	7/16 X 20
<b>6645 45° DOUBLE SWIVEL CONCAVE SEAT</b>			<b>6046 45° SWEPT TUBE FEMALE CONCAVE SEAT</b>		
PART NO:	MATERIAL	JIC/UNF THREAD	PART NO:	MATERIAL	JIC/UNF THREAD
6645-02	C	5/16 X 24	6046-03	C, D, P	3/8 X 24
6645-02-03	C	3/8 X 24	6046-04	C, D, P	7/16 X 20
6645-03	C, P	3/8 X 24			
6645-04	C, D	7/16 X 20			
<b>6090 90° FORGED FEMALE CONCAVE SEAT</b>			<b>6690 90° DOUBLE SWIVEL CONCAVE SEAT</b>		
PART NO:	MATERIAL	JIC/UNF THREAD	PART NO:	MATERIAL	JIC/UNF THREAD
6090-02	C	5/16 X 24	6690-02	C	5/16 X 24
6090-03	C, D, P	3/8 X 24	6690-03	C, P	3/8 X 24
6090-04	D	7/16 X 20	6690-04	C, D	7/16 X 20
			6690-31	C	M10 X 1.00
<b>6091 90° SWEPT TUBE FEMALE CONCAVE SEAT</b>			<b>440 STRAIGHT MALE CONCAVE SEAT</b>		
PART NO:	MATERIAL	JIC/UNF THREAD	PART NO:	MATERIAL	JIC/UNF THREAD
6091-03	C, D, P	3/8 X 24	440-03	C, P	3/8 X 24
6091-04	C, D, P	7/16 X 20			
<b>441 STRAIGHT MALE CONVEX SEAT</b>			<b>443 STRAIGHT MALE BULKHEAD</b>		
PART NO:	MATERIAL	JIC/UNF THREAD	PART NO:	MATERIAL	JIC/UNF THREAD
441-03	C, P	3/8 X 24	443-03	C, P	3/8 X 24
441-04	C	7/16 X 20	443-04	P	7/16 X 20
<b>443 BNP STRAIGHT MALE BULKHEAD BLEED NIPPLE</b>			<b>443 STRAIGHT MALE BULKHEAD BLEED NIPPLE</b>		
PART NO:	MATERIAL	JIC/UNF THREAD	PART NO:	MATERIAL	JIC/UNF THREAD
443-03 BN	P	3/8 X 24			

METRIC RE-USABLE FITTINGS FOR 600 HOSE

MATERIAL: C - STAINLESS, P - PLATED, D - ALUMINIUM

<b>442 STRAIGHT MALE CONCAVE SEAT</b>			<b>445 STRAIGHT MALE CONVEX SEAT</b>		
PART NO:	MATERIAL	METRIC THREAD	PART NO:	MATERIAL	METRIC THREAD
442-31	C, D, P	10 X 1.00	445-31	C, P	10 X 1.00
442-32	C, P	10 X 1.25	445-32	C, P	10 X 1.25
442-31L	P	LONG 10 X 1.00			
<b>451 STRAIGHT FEMALE CONCAVE METRIC SEAT</b>			<b>452 STRAIGHT FEMALE CONVEX METRIC SEAT</b>		
PART NO:	MATERIAL	METRIC THREAD	PART NO:	MATERIAL	METRIC THREAD
451-31	C, P	10 X 1.00	452-31	C, P	10 X 1.00
451-32	C	10 X 1.25	452-32	C	10 X 1.25

BSP RE-USABLE HOSE FITTINGS FOR 600 HOSE

MATERIAL: C - STAINLESS, P - PLATED, D - ALUMINIUM

<b>321 STRAIGHT FEMALE</b>			<b>321SM STRAIGHT FEMALE TO SUIT SMITH PRESSURE GAUGE</b>		
PART NO:	MATERIAL	BSP THREAD	PART NO:	MATERIAL	BSP THREAD
321-03	P	1/8	321-03SM	P	1/8
321-04	P	1/4			
<b>323 STRAIGHT MALE</b>			<b>331 45° SWEPT TUBE FEMALE</b>		
PART NO:	MATERIAL	BSP THREAD	PART NO:	MATERIAL	BSP THREAD
323-03	P	1/8	331-03	P	1/8
323-04	P	1/4			
<b>332 90° SWEPT TUBE FEMALE</b>					
PART NO:	MATERIAL	BSP THREAD			
332-03	P	1/8			
332-04		1/4			

(Flat face requires fibre washer)

CRIMPED JIC HOSE FITTINGS FOR 600 HOSE

MATERIAL: C - STAINLESS, P - PLATED, D - ALUMINIUM

<b>S6001 STRAIGHT FEMALE CONCAVE SEAT</b>				<b>S6045 45° FORGED FEMALE CONCAVE SEAT</b>			
PART NO:	MATERIAL	JIC THREAD	HOSE SIZE	PART NO:	MATERIAL	JIC THREAD	HOSE SIZE
S6001-02	C	5/16 X 24	-02	S6045-02	C	5/16 X 24	-02
S6001-03	C, D, P	3/8 X 24	-03	S6045-03	C, D	3/8 X 24	-03
S6001-04-MP	C, D, P	7/16 X 20	-04	S6045-04-MP	C, D	7/16 X 20	-04
<b>S6046 45° SWEPT TUBE FEMALE CONCAVE SEAT</b>				<b>S6090 90° FORGED FEMALE CONCAVE SEAT</b>			
PART NO:	MATERIAL	JIC THREAD	HOSE SIZE	PART NO:	MATERIAL	UNF THREAD	HOSE SIZE
S6046-03	C, D, P	3/8 X 24	-03	S6090-02	C	5/16 X 24	-02
S6046-04-MP	C, D, P	7/16 X 20	-04	S6090-03	C, D, P	3/8 X 24	-03
				S6090-04-MP	C, D	7/16 X 20	-04
<b>S6091 90° SWEPT TUBE FEMALE CONCAVE SEAT</b>				<b>S441 STRAIGHT MALE AND BULKHEAD CONVEX SEAT</b>			
PART NO:	MATERIAL	UNF THREAD	HOSE SIZE	PART NO:	MATERIAL	JIC/UNF THREAD	HOSE SIZE
S6091-03	C, D, P	3/8 X 24	-03	S441-03	C, P	3/8 X 24	-03
S6091-04-MP	P, C, D	7/16 X 20	-04	S443-03	C, P	3/8 X 24 BULKHEAD	-03

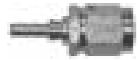


**CRIMPED METRIC FITTINGS FOR 600 HOSE**

MATERIAL: C - STAINLESS, P - PLATED, D - ALUMINIUM



S442 STRAIGHT MALE CONCAVE SEAT		
PART NO:	MATERIAL	METRIC THREAD
<b>S442-31</b>	C, P	10 X 1.00
<b>S442-31L (LONG)</b>	P	10 X 1.00



S451 FEMALE CONCAVE SWIVEL		
PART NO:	MATERIAL	METRIC THREAD
<b>S451-31</b>	C, P	10 X 1.00MM

**CRIMPED BSP FITTINGS FOR 600 HOSE**

MATERIAL: C - STAINLESS, P - PLATED, D - ALUMINIUM



S321 STRAIGHT FEMALE CONVEX SEAT		
PART NO:	MATERIAL	BSP THREAD
<b>S321-03</b>	P	1/8 BSP



S332 90° SWEPT TUBE FEMALE BSP		
PART NO:	MATERIAL	BSP THREAD
<b>S332-03</b>	P	1/8 BSP

**TEE FITTINGS FOR 600 HOSE**

MATERIAL: C - STAINLESS, P - PLATED, D - ALUMINIUM



S5130 RE-USABLE TEE FITTING JIC/UNF WITH LOCATING LUG			
PART NO:	MATERIAL	THREAD	HOSE SIZE
<b>S5130-03</b>	C	3/8 X 24	



S5131 RE-USABLE TEE FITTING WITH MALE JIC/UNF LEG			
PART NO:	MATERIAL	THREAD	HOSE SIZE
<b>S5131-03</b>	C	3/8 X 24	-03



S5132 RE-USABLE TEE FITTING WITH MALE JIC/UNF LEG			
PART NO:	MATERIAL	THREAD	HOSE SIZE
<b>S5132-03</b>	C	3/8 X 24	-03

**CRIMPED TEE FITTINGS FOR 600 HOSE**

MATERIAL: C - STAINLESS, P - PLATED, D - ALUMINIUM



S5135 3 WAY TEE			
PART NO:	MATERIAL	OTR*	SPUR
<b>S5135-03</b>	C	-03	-03



S5136 3 WAY TEE WITH LOCATING LUG			
PART NO:	MATERIAL	OTR	SPUR
<b>S5136-03</b>	C, P	-03	-03

**RE-USEABLE BANJOS FOR 600 HOSE**

MATERIAL: C - STAINLESS, P - PLATED, D - ALUMINIUM



5091 BANJO			
PART NO:	TO SUIT BOLT	MATERIAL	HOSE SIZE
<b>5091-03</b>	3/8, 10MM	C, D, P	-03
<b>5091-03-04</b>	7/16	C, P	-03
<b>5091-04-03</b>	3/8, 10MM	P	-04
<b>5091-04</b>	7/16	D, P	-04
<b>5091-04-M12</b>	12MM	P	-04



5093 20° BANJO EXTENDED NECK			
PART NO:	TO SUIT BOLT	MATERIAL	HOSE SIZE
<b>5093-02</b>	5/16, 8MM	C	-02
<b>5093-03</b>	3/8, 10MM	C, D, P	-03
<b>5093-03-04</b>	7/16	C, P	-03
<b>5093-03-M12</b>	12MM	C	-03
<b>5093-04-03</b>	10MM	P	-04



5095 STRAIGHT TWIN BANJO			
PART NO:	TO SUIT BOLT	MATERIAL	HOSE SIZE
<b>5095-03-04</b>	7/16	P	-03
<b>5095-03</b>	3/8, 10MM	C, P	-03



5098 BANJO TWIN EXTENDED NECK			
PART NO:	TO SUIT BOLT	MATERIAL	HOSE SIZE
<b>5098-03</b>	3/8, 10MM	C, P	-03

**CRIMPED BANJOS FOR 600 HOSE**

MATERIAL: C - STAINLESS, P - PLATED, D - ALUMINIUM



S5091 BANJO			
PART NO:	MATERIAL	HOSE	HOLE SIZE
<b>S5091-03-04</b>	P	-03	7/16
<b>S5091-03</b>	C, P	-03	3/8, 10MM
<b>S5091-03S</b>	D	-03	3/8, 10MM
<b>S5091-04-03</b>	C, P	-04	3/8, 10MM
<b>S5091-04_MP</b>	C	-04	7/16
<b>S5091-04-M12_MP</b>	C, P	-04	12MM



S5093 20° BANJO EXTENDED NECK			
PART NO:	MATERIAL	HOSE	HOLE SIZE
<b>S5093-03-04</b>	C, P	-03	7/16
<b>S5093-03</b>	C, D, P	-03	3/8, 10MM



S5095 BANJO - DOUBLE			
PART NO:	MATERIAL	HOSE	HOLE SIZE
<b>S5095-03</b>	D, P	-03	3/8, 10MM



S5098 BANJO TWIN EXTENDED NECK			
PART NO:	MATERIAL	HOSE	HOLE SIZE
<b>S5098-03</b>	P	-03	3/8, 10MM



5092 BANJO STRAIGHT EXTENDED NECK			
PART NO:	TO SUIT BOLT	MATERIAL	HOSE SIZE
<b>5092-02</b>	5/16, 8MM	C	-02
<b>5092-03</b>	3/8, 10MM	C, D, P	-03
<b>5092-03-04</b>	7/16	C, P	-03
<b>5092-03-M12</b>	12MM	C, P	-03
<b>5092-04-M12</b>	12MM	P	-04



5094 45° BANJO EXTENDED NECK			
PART NO:	TO SUIT BOLT	MATERIAL	HOSE SIZE
<b>5094-03</b>	3/8, 10MM	C, D, P	-03



5097 BANJO SIDE 20° EXTENDED NECK			
PART NO:	TO SUIT BOLT	MATERIAL	HOSE SIZE
<b>5097-03</b>	3/8, 10MM	C, D, P	-03

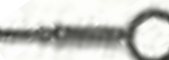


5070 BANJO 70° EXTENDED NECK			
PART NO:	TO SUIT BOLT	MATERIAL	HOSE SIZE
<b>5070-03</b>	3/8, 10MM	C, P	-03



5099 BANJO 90° EXTENDED NECK			
PART NO:	TO SUIT BOLT	MATERIAL	HOSE SIZE
<b>5099-03</b>	3/8, 10MM	C, D, P	-03
<b>5099-03-04</b>	7/16	C	-03

**CRIMPED BANJOS FOR 600 HOSE**



S5092 BANJO STRAIGHT EXTENDED NECK			
PART NO:	MATERIAL	HOSE	HOLE SIZE
<b>S5092-03-04</b>	C, P	-03	7/16, 11.2MM
<b>S5092-03</b>	C, D, P	-03	3/8, 10MM
<b>S5092-04-03</b>	C	-04	3/8, 10MM



S5094 45° BANJO EXTENDED NECK			
PART NO:	MATERIAL	HOSE	HOLE SIZE
<b>S5094-03</b>	C, D, P	-03	3/8, 10MM



S5097 SIDE 20° BANJO EXTENDED NECK			
PART NO:	MATERIAL	HOSE	HOLE SIZE
<b>S5097-03</b>	C, D, P	-03	3/8, 10MM



S5070 BANJO 70° EXTENDED NECK			
PART NO:	MATERIAL	HOSE	HOLE SIZE
<b>S5070-03</b>	C, P	-03	3/8, 10MM



S5099 SIDE BANJO 90° EXTENDED NECK			
PART NO:	MATERIAL	HOSE	HOLE SIZE
<b>S5099-03</b>	C, D, P	-03	3/8, 10MM

**BANJO BOLTS**

MATERIAL: C - STAINLESS, P - PLATED, D - ALUMINIUM



775 SINGLE BANJO BOLT UNF		
PART NO:	MATERIAL	JIC/UNF THREAD
775-02	C	5/16 X 24
775-03-02	P	5/16 X 24
775-03	C, D, P	3/8 X 24
775-03L	C, D, P	3/8 X 24
775-04	C, D, P	7/16 X 20
775-04L	C, P	7/16 X 20
775-44	C, P	7/16 X 24



992 SINGLE BANJO BOLT METRIC		
PART NO:	MATERIAL	METRIC THREAD
992-02-21	C	M8 X 1.00
992-02-22	C	M8 X 1.25
992-03-21	C	M8 X 1.00
992-03-22	C	M8 X 1.25
992-03-31	C, D, P	M10 X 1.00
992-03-31L	C, P	M10 X 1.00
992-03-31S	C, D, P	M10 X 1.00 SHORT
992-03-32	C, D, P	M10 X 1.25
992-03-32L	P	M10 X 1.25
992-03-35	C, P	M10 X 1.50
992-03-35L	P	M10 X 1.50
992-04-M12	C, D	M12 X 1.50
992-04-M121	D, P	M12 X 1.00
992-04-M121S	C, P	M12 X 1.00 SHORT
992-04-M122	D, P	M12 X 1.25
992-04-32	C	M10 X 1.25
992-04-M121SS	P	M12 X 1.00 EXTRA SHORT



1012 SINGLE BANJO BOLT BSP		
PART NO:	MATERIAL	BSP THREAD
1012-03	P	1/8 BSP
1012-04	P	1/4 BSP



BL993 DOUBLE BRAKELIGHT BANJO BOLT METRIC		
PART NO:	MATERIAL	THREAD
BL993-31	C	10 X 1.00MM
BL993-32	C	10 X 1.25MM

**BANJO BOLTS WITH BLEED NIPPLES**

MATERIAL: C - STAINLESS, P - PLATED, D - ALUMINIUM



992BN SINGLE BANJO BOLT WITH BLEED NIPPLE METRIC		
PART NO:	MATERIAL	METRIC THREAD
992-31BN	C, CH, P	10 X 1.00
992-32BN	C, CH, P	10 X 1.25



993BN BLEED NIPPLE DOUBLE BANJO BOLT METRIC		
PART NO:	MATERIAL	METRIC THREAD
993-31BN	C, P	10 X 1.00
993-32BN	C, P	10 X 1.25



993 DOUBLE BANJO BOLT METRIC		
PART NO:	MATERIAL	METRIC THREAD
993-03-31	C, D, P	10 X 1.00MM
993-03-31L	C, P	10 X 1.00MM
993-03-31S	C, D, P	10 X 1.00MM 28MM U/HEX
993-03-32	C, D, P	10 X 1.25MM
993-04-32	C	10 X 1.25MM



773 DOUBLE BANJO BOLT UNF		
PART NO:	MATERIAL	UNF THREAD
773-03	C, D, P	3/8 X 24
773-03L	P	3/8 X 24



1013 DOUBLE BANJO BOLT BSP		
PART NO:	MATERIAL	BSP THREAD
1013-03	P	1/8 BSP



BL775 SINGLE BRAKELIGHT BANJO BOLT UNF		
PART NO:	MATERIAL	THREAD
BL775-03	C	3/8 X 24
BL775-44	C	7/16 X 24
BL775-03S	C	3/8 X 24 SHORT



BL992 SINGLE BRAKELIGHT BANJO BOLT METRIC		
PART NO:	MATERIAL	THREAD
BL992-31	C	10 X 1.00MM
BL992-32	C	10 X 1.25MM



775BN SINGLE BANJO BOLT WITH BLEED NIPPLE UNF		
PART NO:	MATERIAL	UNF THREAD
775-03BN	C, CH, P	3/8 X 24



773BN DOUBLE BANJO BOLT WITH BLEED NIPPLE		
PART NO:	MATERIAL	UNF THREAD
773-03BN	C	3/8 X 24

**836 ALUMINIUM HARDLINE**

Hardline offers excellent strength and rigidity in high pressure applications such as airjacks systems and some fuel systems. Hardline is suitable for inside cockpit use. Available in coated aluminium. Minimum order in lengths of 4m. Hardline now available in a coiled 4m length.



PART NO:	HOSE SIZE	HOSE I.D	HOSE O.D	WORKING PRESS	BURST PRESS	MIN. BEND RADIUS	WEIGHT PER MTR
HL836-04D	-04	6.0MM	8.0MM	1378 PSI	4206 PSI	15.0MM	0.059 KG
HL836-06D	-06	8.0MM	10.0MM	1378 PSI	4206 PSI	15.0MM	0.095 KG





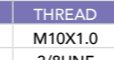

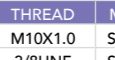
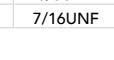
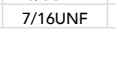
 PART NO: HL821-04D TUBE SIZE: -04	 PART NO: HL811-06D TUBE SIZE: -06	 PART NO: HL831-06D TUBE SIZE: -06	 PART NO: HL841-06D TUBE SIZE: -06	 PART NO: HL822-06 JIC SIZE: -06
 PART NO: HL823-04D TUBE SIZE: -04	 PART NO: HL843-06D TUBE SIZE: -06	 PART NO: HL837-06D TUBE SIZE: -06	 PART NO: HL814-06D TUBE SIZE: -06	 PART NO: HL854-06D TUBE SIZE: -06

**836 STAINLESS/COPPER HARDLINE**

Hardline offers excellent strength and rigidity in high pressure applications such as brake and clutch systems. Supplied in a 3m straight length.



PART NO:	MATERIAL	HOSE SIZE	HOSE I.D	HOSE O.D	WORKING PRESS	BURST PRESS	MIN. BEND RADIUS	WEIGHT PER MTR
HL836-03C	STAINLESS	-03	3.36MM	4.8MM	5076 PSI	1050 PSI	15.0MM	0.071 KG
CNF3/16	COPPER	-03	3.36MM					

 PART NO: N8401 THREAD: M10X1.0 MATERIAL: PLATED	 PART NO: N1401 THREAD: M10X1.0 MATERIAL: PLATED	 PART NO: 818-31C THREAD: M10X1.0 MATERIAL: STAINLESS	 PART NO: 819-03C THREAD: N/A MATERIAL: STAINLESS TO BE USED WITH 818 TUBE NUTS
 PART NO: N8426 THREAD: 3/8UNF MATERIAL: PLATED	 PART NO: N1406 THREAD: 3/8UNF MATERIAL: PLATED	 PART NO: 818-03C THREAD: 3/8UNF MATERIAL: STAINLESS	
 PART NO: N8462 THREAD: 7/16UNF MATERIAL: PLATED	 PART NO: N1460 THREAD: 7/16UNF MATERIAL: PLATED		

**BLEED NIPPLES**

BN506 BLEED NIPPLE UNF		
PART NO:	MATERIAL	THREAD
BN506	C, P	3/8 X 24
BN507	C, P	7 X 1.00MM
BN508	C	8 X 1.25MM
BN510	C, P	10 X 1.00MM

BN704 BLEED NIPPLE UNF FOR BANJO BOLT BLEED NIPPLES		
PART NO:	MATERIAL	UNF THREAD
BN704	C, P	1/4 X 28

BN-CAP BLEED NIPPLE CAP		
PART NO:	BN-CAP	

**DOWTY SEALS**

DOWTY SEALS		
PART NO:	SUITS	SEAL MATERIAL
DOWSEA1/8	1/8BSP, -3JIC, 10MM, 3/8UNF	NITRILE
DOWSEA1/4	1/4BSP	NITRILE
DOWSEA3/8	3/8BSP	NITRILE
DOWSEA7/16	7/16UNF, -4JIC	NITRILE
DOWSEA1/2	1/2BSP	NITRILE
DOWSEA5/8	5/8BSP, -10JIC	NITRILE
DOWSEA5	5MM	NITRILE OR VITON
DOWSEA6	6MM	NITRILE OR VITON
DOWSEA8	8MM	NITRILE
DOWSEA12	12MM	NITRILE
DOWSEA14	14MM	NITRILE
DOWSEA16	16MM	NITRILE
DOWSEA18	18MM	NITRILE
DOWSEA22	22MM	NITRILE
DOWSEA-6	-6JIC, 9/16UNF	NITRILE
DOWSEA-8	-8JIC, 20MM	NITRILE
DOWSEA-16	-16JIC, 1BSP	NITRILE





Raceparts are UK distributors for Stäubli quick release couplings. Stäubli quick release connectors are for all fluids and all types of Motorsport. Stäubli dry break couplings are durable, compact & lightweight and have a non-spill connection.

**SPH-NON SPILL BAYONET COUPLING ALUMINIUM**

APPLICATIONS: Brake circuits and clutch systems, Hydraulic fluids, Shock absorber fluids, Oil, Fuel, Coolants, Compressed nitrogen / air  
 (\*\*\*) FOR EPDM (BRAKE FLUID) SEALS ADD JE, FOR VITON (OILS, FUELS, WATER & AIR) SEALS ADD JV.  
 (/K\*) ADD KJ FOR YELLOW BODY / ADD KR FOR RED BODY

PART NO:	DESCRIPTION
SPH 03.1410/BA/L/K*/**	M10X1 MALE THREAD, SOCKET, 3MM FLOW
SPH 03.1652/BA/L/K*/**	-3 MALE THREAD, SOCKET, 3MM FLOW
SPH 03.1653/BA/L/K*/**	-4 MALE THREAD, SOCKET, 3MM FLOW
SPH 03.2652/BA/L/K*/**	-3 MALE THREAD, BULKHEAD SOCKET, 3MM FLOW
SPH 03.7410/BA/L/K*/**	M10X1 MALE THREAD, PLUG, 3MM FLOW
SPH 03.7652/BA/L/K*/**	-3 MALE THREAD, PLUG, 3MM FLOW
SPH 03.7653/BA/L/K*/**	-4 MALE THREAD, PLUG, 3MM FLOW
SPH 05.1653/BA/L/K*/**	-4 MALE THREAD, SOCKET, 5MM FLOW
SPH 05.1655/BA/L/K*/**	-6 MALE THREAD, SOCKET, 5MM FLOW
SPH 05.2653/BA/L/K*/**	-4 MALE THREAD, BULKHEAD SOCKET, 5MM FLOW
SPH 05.2655/BA/L/K*/**	-6 MALE THREAD, BULKHEAD SOCKET, 5MM FLOW
SPH 05.7653/BA/L/K*/**	-4 MALE THREAD, PLUG, 5MM FLOW
SPH 05.7655/BA/L/K*/**	-6 MALE THREAD, PLUG, 5MM FLOW
SPH 08.1655/BA/L/K*/**	-6 MALE THREAD, SOCKET, 8MM FLOW
SPH 08.7655/BA/L/K*/**	-6 MALE THREAD, PLUG, 8MM FLOW
SPH 08.1656/BA/L/K*/**	-8 MALE THREAD SOCKET, 8MM FLOW
SPH 08.2655/BA/L/K*/**	-6 MALE THREAD, BULKHEAD SOCKET, 8MM FLOW
SPH 08.2656/BA/L/K*/**	-8 MALE THREAD, BULKHEAD SOCKET, 8MM FLOW
SPH 08.7656/BA/L/K*/**	-8 MALE THREAD, PLUG, 8MM FLOW



SPH PLUG



SPH SOCKET



SPT SOCKET



SPT PLUG

IF FUEL CONTAINS MORE THAN 15% ETHANOL SPECIAL SEALS ARE REQUIRED.



The Quick Disconnect Couplings, G-Link Bayonet-Type and Pull-Type are compact and lightweight couplings, developed for hydraulic and pneumatic purposes in motorsport with operating pressure up to 200 bar.

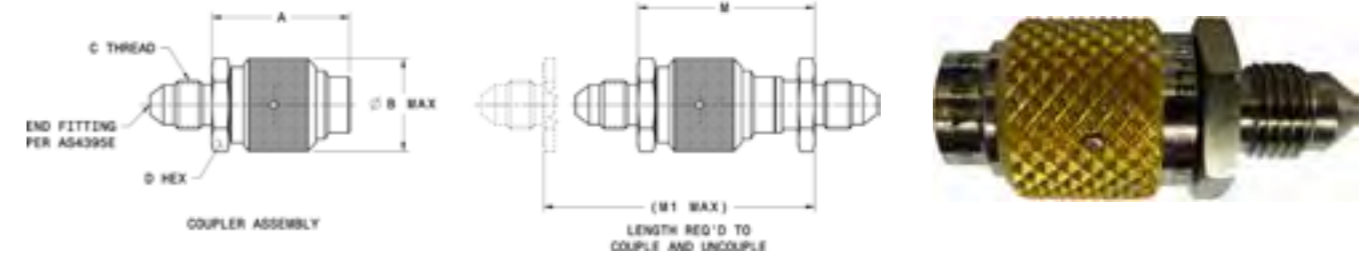
(\*) FOR BRAKE FLUID SEAL ADD EA, FOR FUEL SEAL ADD F

QUICK DISCONNECT COUPLINGS					
PART NO:		HEX A/F	O/A LENGTH	COUPLED LENGTH	NOM DIA.
GQD03BP03*	QDV BAYONET PLUG -3JIC	13MM	42.5MM	38.0MM	3.5MM
GQD03BS03*	QDV BAYONET SOCKET -3JIC	13MM	34.7MM		3.5MM
GQD03BP04*	QDV BAYONET PLUG -4JIC	13MM	44.0MM	38.0MM	3.5MM
GQD03BS04*	QDV BAYONET SOCKET -4JIC	13MM	36.2MM		3.5MM
GQD08PP06*	QDV PULL-TYPE PLUG -6JIC	27MM	42.6MM	52.6MM	8.0MM
GQD08PS06*	QDV PULL-TYPE SOCKET -6JIC	24MM	52.0MM		8.0MM
GQD08PP08*	QDV PULL-TYPE PLUG -8JIC	27MM	45.1MM	52.6MM	8.0MM
GQD08PS08*	QDV PULL-TYPE SOCKET -8JIC	24MM	54.5MM		8.0MM
GQD14PP12*	QDV PULL-TYPE PLUG -12JIC	36MM	56.1MM	64.6MM	14.0MM
GQD14PS12*	QDV PULL-TYPE SOCKET -12JIC	32MM	71.1MM		14.0MM



Raceparts are the official appointed Parker Symetrics dealer in the UK. Symetrics provide quick connect/disconnect capability with self sealing action and unrivalled performance during operation. Currently used in contemporary Formula One machinery by the leading teams.

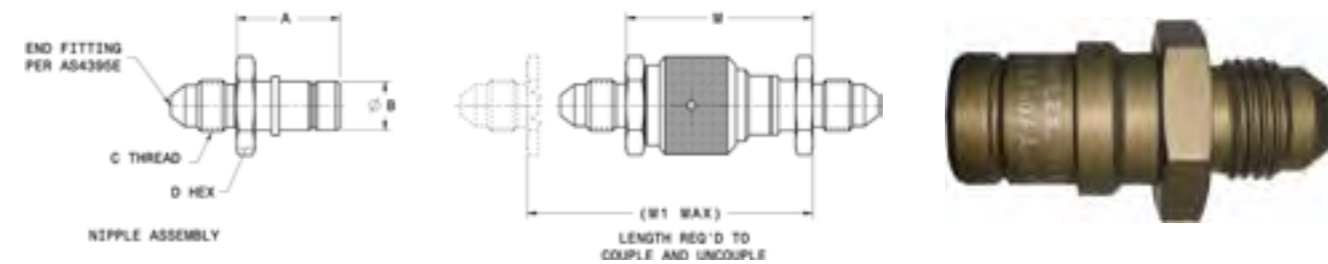
**COUPLERS**



STAINLESS STEEL & TITANIUM - FOR TITANIUM ADD T AS A PREFIX TO COUPLER ASSEMBLY P/N EG: T25403-02A												
COUPLER ASSEMBLY P/N	NOMINAL BODY SIZE	COUPLER WEIGHT TI LBS/(G)	COUPLER WEIGHT SS LBS/(G)	OPERATING PRESSURE PSI (KG/CM2)	MAX PRESS WHEN COUPLING PSI (KG/CM2)	FLOW RATE GPM (LPM)	DIMENSION IN INCHES (MILLIMETRES) TOLERANCE = .XX = ± .03 INCH					
							A	B	C	D	M	M1
25402-02A	-2 (1/8")	0.045 (20.5)	0.050 (23.0)	5000 (352)	1500 (105)	0.35 (1.3)	1.06 (26.9)	0.75 (19.1)	-2 JIC	0.562 (14.2)	1.25 (31.8)	1.72 (43.7)
25402-03A	-2 (1/8")	0.048 (21.9)	0.052 (23.5)	5000 (352)	1500 (105)	0.35 (1.3)	1.06 (26.9)	0.75 (19.1)	-3 JIC	0.564 (14.3)	1.25 (31.8)	1.72 (43.7)
25403-03A	-3 (3/16")	TBC	0.060 (27.2)	5000 (352)	1500 (105)	TBC	1.06 (26.9)	0.71 (18.0)	-3 JIC	0.625 (15.9)	1.37 (34.8)	1.88 (47.8)
25404-04A	-4 (1/4")	0.073 (33.3)	0.090 (40.8)	4000 (281)	400 (28)	1.20 (4.5)	1.20 (30.5)	0.88 (22.4)	-4 JIC	0.688 (17.5)	1.55 (39.4)	2.07 (52.6)
25406-06A	-6 (3/8")	0.141 (63.9)	0.170 (77.0)	4000 (281)	200 (14)	3.50 (13.2)	1.33 (33.8)	1.12 (28.5)	-6 JIC	0.875 (22.2)	1.75 (44.5)	2.31 (58.7)

ALUMINIUM COUPLERS - FOR LANYARD CHANGE PREFIX FROM 2 TO 3 EG: 34406-06A												
COUPLER ASSEMBLY P/N	NOMINAL BODY SIZE	COUPLER WEIGHT GRAMS	COUPLER WEIGHT LBS	OPERATING PRESSURE PSI (KG/CM2)	MAX PRESS WHEN COUPLING PSI (KG/CM2)	FLOW RATE GPM (LPM)	DIMENSION IN INCHES (MILLIMETRES) TOLERANCE = .XX = ± .03 INCH					
							A	B	C	D	M	M1
24402-02A	-2 (1/8")	13.6	0.03	2000 (140)	1500 (105)	0.35 (1.3)	1.06 (26.9)	0.75 (19.1)	-2 JIC	0.562 (14.2)	1.25 (31.8)	1.75 (44.5)
24402-03A	-2 (1/8")	13.6	0.03	2000 (140)	1500 (105)	0.35 (1.3)	1.06 (26.9)	0.75 (19.1)	-3 JIC	0.562 (14.2)	1.25 (31.8)	1.75 (44.5)
24404-04A	-4 (1/4")	27.2	0.06	1500 (105)	400 (28)	1.20 (4.5)	1.25 (31.8)	0.88 (22.4)	-4 JIC	0.688 (17.5)	1.74 (44.2)	2.24 (58.2)
24406-06A	-6 (3/8")	54.4	0.12	1500 (105)	200 (14)	3.50 (13.2)	1.40 (35.6)	1.12 (28.5)	-6 JIC	0.875 (22.2)	1.97 (50.0)	2.55 (64.8)

**NIPPLES**



STAINLESS STEEL & TITANIUM - FOR TITANIUM ADD T AS A PREFIX TO NIPPLE ASSEMBLY P/N EG: T5102-02A												
NIPPLE ASSEMBLY P/N	NOMINAL BODY SIZE	NIPPLE WEIGHT (TI) LBS/G	NIPPLE WEIGHT (SS) LBS/G	OPERATING PRESSURE PSI (KG/CM2)	MAX PRESS WHEN COUPLING PSI (KG/CM2)	FLOW RATE GPM (LPM)	DIMENSION IN INCHES (MILLIMETRES) TOLERANCE = .XX = ± .03 INCH					
							A	B	C	D	M	M1
5102-02A	-2 (1/8")	0.010 (4.5)	0.025 (11.5)	5000 (352)	1500 (105)	0.35 (1.3)	0.63 (16.0)	0.32 (8.1)	-2 JIC	0.562 (14.2)	1.25 (31.8)	1.72 (43.7)
5102-03A	-2 (1/8")	0.014 (6.7)	0.026 (12.0)	5000 (352)	1500 (105)	0.35 (1.3)	0.63 (16.0)	0.32 (8.1)	-3 JIC	0.564 (14.3)	1.25 (31.8)	1.72 (43.7)
5103-03A	-3 (3/16")	0.019 (9.0)	0.030 (14.0)	5000 (352)	1500 (105)	TBC	0.76 (19.3)	0.36 (9.1)	-3 JIC	0.625 (15.9)	1.37 (34.8)	1.88 (47.8)
5104-04A	-4 (1/4")	0.026 (12.2)	0.050 (22.7)	4000 (281)	400 (28)	1.20 (4.5)	0.85 (21.6)	0.44 (11.2)	-4 JIC	0.688 (17.5)	1.55 (39.4)	2.07 (52.6)
5106-06A	-6 (3/8")	0.075 (34.0)	0.080 (36.3)	4000 (281)	200 (14)	3.50 (13.2)	0.95 (24.1)	0.60 (15.2)	-6 JIC	0.875 (22.2)	1.75 (44.5)	2.31 (58.7)

ALUMINIUM NIPPLES												
NIPPLE ASSEMBLY P/N	NOMINAL BODY SIZE	NIPPLE WEIGHT GRAMS	NIPPLE WEIGHT LBS	OPERATING PRESSURE PSI (KG/CM2)	MAX PRESS WHEN COUPLING PSI (KG/CM2)	FLOW RATE GPM (LPM)	DIMENSION IN INCHES (MILLIMETRES) TOLERANCE = .XX = ± .03 INCH					
							A	B	C	D	M	M1
4302-02A	-2 (1/8")	9.0	0.02	2000 (140)	1500 (105)	0.35 (1.3)	0.63 (16.0)	0.32 (8.1)	-2 JIC	0.562 (14.2)	1.25 (31.8)	1.75 (44.5)
4302-03A	-2 (1/8")	9.0	0.02	2000 (140)	1500 (105)	0.35 (1.3)	0.63 (16.0)	0.32 (8.1)	-3 JIC	0.562 (14.2)	1.25 (31.8)	1.75 (44.5)
4304-04A	-4 (1/4")	13.6	0.03	1500 (105)	400 (28)	1.20 (4.5)	0.98 (24.9)	0.44 (11.2)	-4 JIC	0.688 (17.5)	1.74 (44.2)	2.24 (58.2)
4306-06A	-6 (3/8")	18.1	0.04	1500 (105)	200 (14)	3.50 (13.2)	1.09 (27.7)	0.60 (15.2)	-6 JIC	0.875 (22.2)	1.97 (50.0)	2.55 (64.8)



**RACETECH TUBE CONNECTORS**

The Racetech tube connectors save space, time and weight compared to others on the market. They allow unrestricted flow whilst providing a secure, fast and efficient solution to connecting hoses or pipes. Racetech tube connectors are made with the latest available technology and were designed specifically for motorsport use with strength, weight and pricing as a priority. The connectors are made from the lightest and strongest aluminium (7075) and to the highest standard with an easy clasp action for quick removal. Providing multiple benefits over existing products, compatible with other manufacturers weld on ferrules and perfect for use on radiators, oil coolers, intercoolers, throttle bodies and many more applications.

TECHNICAL SPECIFICATION		ADVANTAGES	
OPERATING PRESSURE 140PSI		UP TO 15% LIGHTER	
BURST PRESSURE 420PSI		STRONGER DESIGN & MATERIAL	
AXIAL MOVEMENT 0.250"		WITHSTAND UP TO 15% MORE PRESSURE	
ANGULAR MISALIGNMENT +/-4 DEGREES		UP TO 15% SMALLER OVERALL	
COUPLING MATERIAL 7075 ALUMINIUM		PRICE SIGNIFICANTLY CHEAPER	

TUBE CONNECTORS						
PART NO:	SIZE	TUBE SIZE	A	B	C	WEIGHT IN G
RTTCC-08D	-08	1/2"	18.60MM	21.55MM	19.83MM	13.75
RTTCC-10D	-10	5/8"	18.60MM	24.75MM	21.23MM	14.30
RTTCC-12D	-12	3/4"	21.00MM	29.30MM	23.25MM	16.90
RTTCC-16D	-16	1"	23.10MM	36.30MM	26.45MM	20.80
RTTCC-20D	-20	1 1/4"	23.10MM	42.70MM	29.43MM	22.80
RTTCC-24D	-24	1 1/2"	23.10MM	49.50MM	32.64MM	24.30
RTTCC-28D	-28	1 3/4"	23.10MM	56.15MM	35.82MM	26.10

**FERRULE 6082 ALUMINIUM**

WELD FERRULES		
PART NO:	SIZE	TUBE SIZE
RTTCW-08D	-08	1/2"
RTTCW-10D	-10	5/8"
RTTCW-12D	-12	3/4"
RTTCW-16D	-16	1"
RTTCW-20D	-20	1 1/4"
RTTCW-24D	-24	1 1/2"
RTTCW-28D	-28	1 3/4"



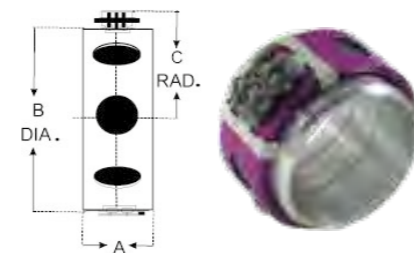
**O-RING (VITON)**

O-RINGS	
PART NO:	SIZE
OR-08	-08
OR-10	-10
OR-12	-12
OR-16	-16
OR-20	-20
OR-24	-24
OR-28	-28



**WIGGINS TUBE CONNECTORS**

PART NO:	SIZE	TUBE SIZE	WIDTH	O.D	I.D	WEIGHT
W991-8DE	-8	1/2"	18.77MM	21.62MM	20.35MM	15.40G
W991-10DE	-10	5/8"	18.77MM	24.79MM	21.92MM	16.10G
W991-12DE	-12	3/4"	21.06MM	29.36MM	24.23MM	19.70G
W991-16DE	-16	1"	23.44MM	36.37MM	27.71MM	23.30G
W991-20DE	-20	1 1/4"	23.44MM	42.72MM	30.89MM	25.60G
W991-24DE	-24	1 1/2"	23.44MM	49.58MM	34.32MM	27.30G
W991-28DE	-28	1 3/4"	23.44MM	56.16MM	37.62MM	29.30G



**NORMA HOSE CLIPS**

Stainless worm drive clips and rubber liner 'P' clips.



PART NO:	SIZE RANGE	BAND WIDTH
SGT8-12/7.5C6-W2	8-12MM	7.5MM
SGT10-16/7.5C6-W2	10-16MM	7.5MM
SGT12-20/9C6-W2	12-20MM	9MM
SGT16-25/9C6-W2	16-25MM	9MM
SGT20-32/9C6-W2	20-32MM	9MM
SGT25-40/9C6-W2	25-40MM	9MM
SGT32-50/9C6-W2	32-50MM	9MM
SGT40-60/9C6-W2	40-60MM	9MM
SGT50-70/9C6-W2	50-70MM	9MM
SGT60-80/9C6-W2	60-80MM	9MM

PART NO:	SIZE (I.D)	BAND WIDTH
RSGU16/12	6MM	12MM
RSGU18/12	8MM	12MM
RSGU110/12	10MM	12MM
RSGU112/12	12MM	12MM
RSGU114/12	14MM	12MM
RSGU115/12	15MM	12MM
RSGU116/12	16MM	12MM
RSGU118/12	18MM	12MM
RSGU120/12	20MM	12MM
RSGU122/12	22MM	12MM

**OETIKER EAR CLAMPS**

Stainless ear clamps.



PART NO:	EAR WIDTH	SIZE RANGE
15300005	3.2MM	5.6-6.6MM
15300007	3.5MM	6.5-7.5MM
15300010	4.0MM	7.5-8.7MM
15300013	5.0MM	8.5-10.0MM
15300017	5.5MM	10.1-11.8MM
15300022	6.5MM	11.8-13.8MM
15300027	7.0MM	13.8-16.0MM
15300031	7.0MM	16.3-18.5MM
15300035	7.5MM	18.7-21.0MM
15300038	8.5MM	21.0-23.5MM

**Mirrors**



**OUR SUPPLIERS**



**MIRRORS**

RACETECH MIRRORS



**F1 STYLE MIRRORS**

The Racetech mirror incorporates many new features. It is non-handed with a central mounting stem, aerodynamic and virtually indestructible. Glass size = 110mm x 50mm, extremely lightweight (86g), self coloured black or white, available with flat or convex glass lens.

SWIVEL MOUNT	
PART NO:	DESCRIPTION
RTMBS	BLACK F1 MIRROR ANGLED STEM FLAT GLASS
RTMW5	WHITE F1 MIRROR ANGLED STEM FLAT GLASS
RTMBC5	BLACK F1 MIRROR ANGLED STEM CONVEX GLASS
RTMWCS	WHITE F1 MIRROR ANGLED STEM CONVEX GLASS
RTMBS2	BLACK F1 MIRROR STRAIGHT STEM FLAT GLASS
RTMWS2	WHITE F1 MIRROR STRAIGHT STEM FLAT GLASS
RTMBCS2	BLACK F1 MIRROR STRAIGHT STEM CONVEX GLASS
RTMWCS2	WHITE F1 MIRROR STRAIGHT STEM CONVEX GLASS
RTMBSM	BLACK KIT CAR MIRROR STRAIGHT STEM ROUND BASE FLAT GLASS
RTMBCSM	BLACK KIT CAR MIRROR STRAIGHT STEM ROUND BASE CONVEX GLASS

FIXED MOUNT	
PART NO:	DESCRIPTION
RTMB	BLACK F1 MIRROR ANGLED STEM FLAT GLASS
RTMW	WHITE F1 MIRROR ANGLED STEM FLAT GLASS
RTMBC	BLACK F1 MIRROR ANGLED STEM CONVEX GLASS
RTMWC	WHITE F1 MIRROR ANGLED STEM CONVEX GLASS
RTMB2	BLACK F1 MIRROR STRAIGHT STEM FLAT GLASS
RTMW2	WHITE F1 MIRROR STRAIGHT STEM FLAT GLASS
RTMBC2	BLACK F1 MIRROR STRAIGHT STEM CONVEX GLASS
RTMWC2	WHITE F1 MIRROR STRAIGHT STEM CONVEX GLASS



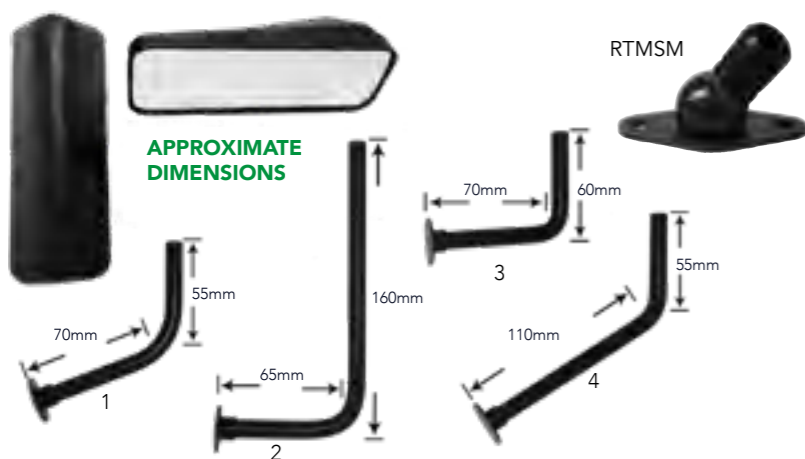
**GP2/F3 MIRRORS**

Made to the same high-quality specification & aerodynamic design as the classic mirrors but meet GP2/F3 FIA specifications. Available with flat or convex glass & with a fixed base, Glass size is 150mm x 50mm. These mirrors are available with a choice of four stems to suit all requirements. (Add stem number shown below to the end of the part number).

PART NO:	DESCRIPTION
RTMLL	FLAT GLASS LEFT HAND STEM
RTMLR	FLAT GLASS RIGHT HAND STEM
RTMLLC	CONVEX GLASS LEFT HAND STEM
RTMLRC	CONVEX GLASS RIGHT HAND STEM



**PLEASE SPECIFY WHICH STEM TYPE IS REQUIRED WHEN ORDERING**



**CLASSIC STYLE MIRRORS**

Designed exclusively for single seater use, these light-weight (99gm / 3.5oz) mirrors are available for left and right hand mountings with a lockable swivel adjustment. Self-coloured in black or white ABS plastic, Available with flat or convex glass lens.

PART NO:	DESCRIPTION
RTM LHW	WHITE MIRROR LEFT HAND FLAT GLASS
RTM RHW	WHITE MIRROR RIGHT HAND FLAT GLASS
RTM LHB	BLACK MIRROR LEFT HAND FLAT GLASS
RTM RHB	BLACK MIRROR RIGHT HAND FLAT GLASS
RTM LHWCS	WHITE MIRROR LEFT HAND CONVEX GLASS
RTM RHWC	WHITE MIRROR RIGHT HAND CONVEX GLASS
RTM LHBCS	BLACK MIRROR LEFT HAND CONVEX GLASS
RTM RHBCS	BLACK MIRROR RIGHT HAND CONVEX GLASS
RTMPM	KIT CAR PILLAR MOUNT (PAIR)
RTMSM	KIT CAR AERO SCREEN MOUNT (X1)



**CLASSIC STYLE BULLET MIRRORS**

Available in two types, single or 2" centre two bolt fitment. Both types have a fully adjustable viewing angle and have a bright polish finish.

PART NO:	DESCRIPTION	WEIGHT
CR1F	2 BOLT, BRIGHT POLISHED, 90MM DIA FLAT GLASS	325G
CR1C	2 BOLT, BRIGHT POLISHED, 90MM DIA CONVEX GLASS	325G
CR2F	SINGLE BOLT, BRIGHT POLISHED, 90MM DIA FLAT GLASS	255G
CR2C	SINGLE BOLT, BRIGHT POLISHED, 90MM DIA CONVEX GLASS	255G

**Nuts & Bolts**



**OUR SUPPLIERS**



**NUTS & BOLTS**

NAS & AN BOLTS	94
DIN 12.9 CAPHEAD, COUNTERSUNK & BUTTON HEAD BOLTS	95
K-NUTS, ANCHOR NUTS, LOCK NUTS & NYLOCS	96

FOR FASTENERS SEE PAGES 47-50  
FOR WASHERS SEE PAGE 67  
FOR LOCKWIRE SEE PAGE 67

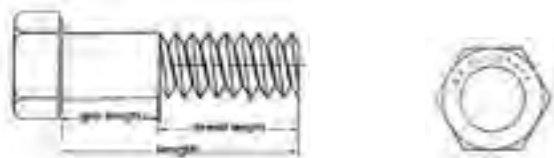
NAS BOLTS

NAS 13 SERIES CLOSE TOLERANCE BOLTS

These National Aerospace Standard, UNF threaded, dimple-head hex bolts have a minimum tensile strength of 160,000 psi and a minimum shear strength of 95,000 psi. Within a given bolt diameter (i.e. 1/4, 3/8, 1/2, etc.) all NAS bolts will have the same thread length, no matter how long the bolt. Grip lengths are measured in 1/16" increments so a -1 is 1/16", -2 is 2/16" etc. At the end of the grip length/plain shank there is a small tapered section measuring 1/10" which is not included in the grip length measurement. Part numbers are written on the head of the bolt. Used in applications where a premium quality, high strength bolt is necessary.



13 SERIES NAS BOLTS			
SERIES	THREAD(UNF)	THREAD LENGTH	HEAD SIZE
1303	10-32	0.338"	0.376"
1304	1/4-28	0.425"	0.439"
1305	5/16-24	0.469"	0.502"
1306	3/8-24	0.578"	0.564"



NAS BOLT SIZE CHART		UNDER HEAD LENGTH OF EACH NAS SERIES			
DASH NO:	GRIP LENGTH	1303	1304	1305	1306
-1	0.062	0.400	0.487	0.531	0.640
-2	0.125	0.463	0.550	0.594	0.703
-3	0.188	0.526	0.613	0.657	0.766
-4	0.250	0.588	0.675	0.719	0.828
-5	0.312	0.650	0.737	0.781	0.890
-6	0.375	0.713	0.800	0.844	0.953
-7	0.438	0.776	0.863	0.907	1.016
-8	0.500	0.838	0.925	0.969	1.078
-9	0.562	0.900	0.987	1.031	1.140
-10	0.625	0.963	1.050	1.094	1.203
-11	0.688	1.026	1.113	1.157	1.266
-12	0.750	1.088	1.175	1.219	1.328
-13	0.812	1.150	1.237	1.281	1.390
-14	0.875	1.213	1.300	1.344	1.453
-15	0.938	1.276	1.363	1.407	1.516
-16	1.000	1.338	1.425	1.469	1.578
-17	1.062	1.400	1.487	1.531	1.640
-18	1.125	1.463	1.550	1.594	1.703
-19	1.188	1.526	1.613	1.657	1.766
-20	1.250	1.588	1.675	1.719	1.828
-21	1.312	1.650	1.737	1.781	1.890
-22	1.375	1.713	1.800	1.844	1.953
-23	1.438	1.776	1.863	1.907	2.016
-24	1.500	1.838	1.925	1.969	2.078
-25	1.562	1.900	1.987	2.031	2.140
-26	1.625	1.963	2.050	2.094	2.203
-27	1.688	2.026	2.113	2.157	2.266
-28	1.750	2.088	2.175	2.219	2.328
-29	1.812	2.150	2.237	2.281	2.390
-30	1.875	2.213	2.300	2.344	2.453
-31	1.938	2.276	2.363	2.407	2.516
-32	2.000	2.338	2.425	2.469	2.578
-33	2.062	2.400	2.487	2.531	2.640
-34	2.125	2.463	2.550	2.594	2.703
-35	2.188	2.526	2.613	2.657	2.766
-36	2.250	2.588	2.675	2.719	2.828

ALL MEASUREMENTS ARE GIVEN IN DECIMAL INCHES.  
PART NUMBER EXAMPLE - NAS1306-36

AN BOLTS

AN AIRCRAFT HEX HEAD BOLTS

The most commonly available aircraft-spec bolts: these hex head, UNF threaded bolts have a minimum tensile strength of 125,000 psi and a minimum shear strength of 75,000 psi. AN series bolts, you must have a chart or bolt gauge to determine lengths, grips or part numbers. Length of thread is consistent within each diameter, and grip lengths (unthreaded shank) are available in 1/8" increments beginning at 1/16". Option to have the thread or head drilled and bolts are available for special order in different materials and bigger sizes. Raised or depressed X on bolt head is for material - CAD plated steel.



AN BOLTS		
SERIES	THREAD(UNF)	HEAD SIZE
AN5	5/16-24	0.500"
AN6	3/8 - 24	0.562"
AN7	7/16 - 20	0.625"
AN8	1/2 - 20	0.750"



DASH NO:	AN6-		AN7-		AN8-	
	GRIP	LENGTH	GRIP	LENGTH	GRIP	LENGTH
-10	0.438	1.08	0.438	1.09	0.313	1.09
-11	0.563	1.20	0.563	1.22	0.438	1.22
-12	0.688	1.33	0.688	1.34	0.563	1.34
-13	0.813	1.45	0.823	1.47	0.688	1.47
-14	0.938	1.58	0.938	1.59	0.813	1.59
-15	1.06	1.70	1.06	1.72	0.938	1.72
-16	1.19	1.83	1.19	1.84	1.06	1.84
-17	1.31	1.95	1.31	1.97	1.19	1.97
-20	1.44	2.08	1.44	2.09	1.31	2.09
-21	1.56	2.20	1.56	2.22	1.44	2.22
-22	1.69	2.33	1.69	2.34	1.56	2.34
-23	1.81	2.45	1.81	2.47	1.69	2.47
-24	1.94	2.58	1.94	2.59	1.81	2.59
-25	2.06	2.70	2.06	2.72	1.94	2.72
-26	2.19	2.83	2.19	2.84	2.06	2.84
-27	2.31	2.95	2.31	2.97	2.19	2.97
-30	2.44	3.08	2.44	3.09	2.31	3.09
-31	2.56	3.20	2.56	3.22	2.44	3.22
-32	2.69	3.33	2.69	3.34	2.56	3.34
-33	2.81	3.45	2.81	3.47	2.69	3.47
-34	2.94	3.58	2.94	3.59	2.81	3.59
-35	3.06	3.70	3.06	3.72	2.94	3.72
-36	3.19	3.83	3.19	3.84	3.06	3.84
-37	3.31	3.95	3.31	3.97	3.19	3.97
-40	3.44	4.08	3.44	4.09	3.31	4.09
-41	3.56	4.20	3.56	4.22	3.44	4.22
-42	3.69	4.33	3.69	4.34	3.56	4.34
-43	3.81	4.45	3.81	4.47	3.69	4.47
-44	3.94	4.58	3.94	4.59	3.81	4.59
-45	4.06	4.70	4.06	4.72	3.94	4.72
-46	4.19	4.83	4.19	4.84	4.06	4.84
-47	4.31	4.95	4.31	4.97	4.19	4.97
-50	4.44	5.08	4.44	5.09	4.31	5.09
-51	4.56	5.20	4.56	5.22	4.44	5.22
-52	4.69	5.33	4.69	5.34	4.56	5.34
-53	4.81	5.45	4.81	5.47	4.69	5.47

ALL MEASUREMENTS ARE GIVEN IN DECIMAL INCHES.  
PART NUMBER EXAMPLE - AN6-26

BOLTS (DIN 12.9)



10/32 CAP HEAD BOLTS	
PART NO:	THREAD
020375CF	10/32 UNF X 0.375"
020500CF	10/32 UNF X 0.500"
020625CF	10/32 UNF X 0.625"
020750CF	10/32 UNF X 0.750"
021000CF	10/32 UNF X 1.000"
021250CF	10/32 UNF X 1.250"
021500CF	10/32 UNF X 1.500"
021750CF	10/32 UNF X 1.750"
022000CF	10/32 UNF X 2.000"

1/4 CAP HEAD BOLTS	
PART NO:	THREAD
040500CF	1/4 UNF X 0.500"
040625CF	1/4 UNF X 0.625"
040750CF	1/4 UNF X 0.750"
040875CF	1/4 UNF X 0.875"
041000CF	1/4 UNF X 1.000"
041250CF	1/4 UNF X 1.250"
041500CF	1/4 UNF X 1.500"
041750CF	1/4 UNF X 1.750"
042000CF	1/4 UNF X 2.000"
042250CF	1/4 UNF X 2.250"
042500CF	1/4 UNF X 2.500"

5/16 CAP HEAD BOLTS	
PART NO:	THREAD
050500CF	5/16 UNF X 0.500"
050750CF	5/16 UNF X 0.750"
051000CF	5/16 UNF X 1.000"
051250CF	5/16 UNF X 1.250"
051500CF	5/16 UNF X 1.500"
051750CF	5/16 UNF X 1.750"
052000CF	5/16 UNF X 2.000"
052250CF	5/16 UNF X 2.250"
052500CF	5/16 UNF X 2.500"
052750CF	5/16 UNF X 2.750"
053000CF	5/16 UNF X 3.000"
053500CF	5/16 UNF X 3.500"
054000CF	5/16 UNF X 4.000"

3/8 CAP HEAD BOLTS	
PART NO:	THREAD
061000CF	3/8 UNF X 1.000"
061250CF	3/8 UNF X 1.250"
061500CF	3/8 UNF X 1.500"
061750CF	3/8 UNF X 1.750"
062000CF	3/8 UNF X 2.000"
062250CF	3/8 UNF X 2.250"
062500CF	3/8 UNF X 2.500"
062750CF	3/8 UNF X 2.750"
063000CF	3/8 UNF X 3.000"
063500CF	3/8 UNF X 3.500"
064000CF	3/8 UNF X 4.000"

7/16 CAP HEAD BOLTS	
PART NO:	THREAD
071000CF	7/16 UNF X 1.000"
071500CF	7/16 UNF X 1.500"
072000CF	7/16 UNF X 2.000"
072500CF	7/16 UNF X 2.500"
073000CF	7/16 UNF X 3.000"
073500CF	7/16 UNF X 3.500"
074000CF	7/16 UNF X 4.000"

FOR UNC CHANGE SUFFIX - CF TO CC



10/32 BUTTON HEAD BOLTS	
PART NO:	THREAD
020375B	10/32 UNF X 0.375"
020500B	10/32 UNF X 0.500"
020625B	10/32 UNF X 0.625"
020750B	10/32 UNF X 0.750"
021000B	10/32 UNF X 1.000"
021250B	10/32 UNF X 1.250"
021500B	10/32 UNF X 1.500"

1/4 BUTTON HEAD BOLTS	
PART NO:	THREAD
040500B	1/4 UNF X 0.500"
040625B	1/4 UNF X 0.625"
040750B	1/4 UNF X 0.750"
040875B	1/4 UNF X 0.875"
041000B	1/4 UNF X 1.000"
041250B	1/4 UNF X 1.250"
041500B	1/4 UNF X 1.500"

5/16 BUTTON HEAD BOLTS	
PART NO:	THREAD
050500B	5/16 UNF X 0.500"
050750B	5/16 UNF X 0.750"
051000B	5/16 UNF X 1.000"
051250B	5/16 UNF X 1.250"
051500B	5/16 UNF X 1.500"
051750B	5/16 UNF X 1.750"
052000B	5/16 UNF X 2.000"

3/8 BUTTON HEAD BOLTS	
PART NO:	THREAD
061000B	3/8 UNF X 1.000"
061250B	3/8 UNF X 1.250"
061500B	3/8 UNF X 1.500"
061750B	3/8 UNF X 1.750"
062000B	3/8 UNF X 2.000"



10/32 COUNTER SUNK HEAD BOLTS	
PART NO:	THREAD
020375CS	10/32 UNF X 0.375"
020500CS	10/32 UNF X 0.500"
020625CS	10/32 UNF X 0.625"
020750CS	10/32 UNF X 0.750"
021000CS	10/32 UNF X 1.000"
021250CS	10/32 UNF X 1.250"
021500CS	10/32 UNF X 1.500"

1/4 COUNTER SUNK HEAD BOLTS	
PART NO:	THREAD
040500CS	1/4 UNF X 0.500"
040625CS	1/4 UNF X 0.625"
040750CS	1/4 UNF X 0.750"
040875CS	1/4 UNF X 0.875"
041000CS	1/4 UNF X 1.000"
041250CS	1/4 UNF X 1.250"
041500CS	1/4 UNF X 1.500"

5/16 COUNTER SUNK HEAD BOLTS	
PART NO:	THREAD
050500CS	5/16 UNF X 0.500"
050750CS	5/16 UNF X 0.750"
051000CS	5/16 UNF X 1.000"
051250CS	5/16 UNF X 1.250"
051500CS	5/16 UNF X 1.500"
051750CS	5/16 UNF X 1.750"
052000CS	5/16 UNF X 2.000"

3/8 COUNTER SUNK HEAD BOLTS	
PART NO:	THREAD
061000CS	3/8 UNF X 1.000"
061250CS	3/8 UNF X 1.250"
061500CS	3/8 UNF X 1.500"
061750CS	3/8 UNF X 1.750"
062000CS	3/8 UNF X 2.000"



M4X0.7 CAP HEAD BOLTS	
PART NO:	THREAD
M48C	M4 X 8MM
M410C	M4 X 10MM
M415C	M4 X 15MM
M420C	M4 X 20MM
M425C	M4 X 25MM
M430C	M4 X 30MM
M435C	M4 X 35MM
M440C	M4 X 40MM

M5X0.8 CAP HEAD BOLTS	
PART NO:	THREAD
M510C	M5 X 10MM
M515C	M5 X 15MM
M520C	M5 X 20MM
M525C	M5 X 25MM
M530C	M5 X 30MM
M535C	M5 X 35MM
M540C	M5 X 40MM
M545C	M5 X 45MM
M550C	M5 X 50MM



K-NUTS



METRIC K-NUTS	
PART NO:	THREAD
NOR210413 3X.5	M3 X 0.5
NOR210413 4X.7	M4 X 0.7
NOR210413 5X.8	M5 X 0.8
NOR210413 6X1	M6 X 1.0
NOR210413 7X1	M7 X 1.0
NOR210413 8X1	M8 X 1.0
NOR210413 8X1.25	M8 X 1.25
NOR210413 10X1.25	M10 X 1.25
NOR210413 10X1.5	M10 X 1.5
NOR210413 12X1.25	M12 X 1.25
NOR210413 12X1.5	M12 X 1.5
NOR210413 12X1.75	M12 X 1.75
NOR210413 14X1.5	M14 X 1.5



IMPERIAL K-NUTS	
PART NO:	THREAD
MS21042L04	4/42 UNC
MS21042L06	6/32 UNC
MS21042L08	8/32 UNC
MS21042L3	10/32 UNF
MS21042L4	1/4 UNF
MS21042L5	5/16 UNF
MS21042L6	3/8 UNF
MS21042L7	7/16 UNF
MS21042L8	1/2 UNF
MS21042L9	9/16 UNF
MS21042L10	5/8 UNF

FOR GOLD COLOUR CHANGE PART NUMBER FROM L TO -



METRIC HI TEMP K-NUTS	
PART NO:	THREAD
LN9161 04	M4 X 0.7
LN9161 05	M5 X 0.8
LN9161 06	M6 X 1.0
LN9161 07	M7 X 1.0
LN9161 08	M8 X 1.25
LN9161 10	M10 X 1.5
LN9161 12	M12 X 1.5

IMPERIAL HI TEMP K-NUTS	
PART NO:	THREAD
H41-3	10/32 UNF
H41-4	1/4 UNF
H41-5	5/16 UNF
H41-6	3/8 UNF



METRIC CAPTIVE WASHER K-NUTS	
PART NO:	THREAD
DR510-04	M4 X 0.7
DR510-05	M5 X 0.8
DR510-06	M6 X 1.0
DR510-07	M7 X 1.0
DR510-08	M8 X 1.25
DR510-10	M10 X 1.5
DR510-12	M12 X 1.5

IMPERIAL CAPTIVE WASHER K-NUTS	
PART NO:	THREAD
KFN542-3	10/32 UNF
KFN542-4	1/4 UNF
KFN542-5	5/16 UNF
KFN542-6	3/8 UNF

ANCHOR NUTS



IMPERIAL FLOATING ANCHOR NUTS	
PART NO:	THREAD
MS21059L08	8/32 UNF
MS21059L3	10/32 UNF
MS21059L4	1/4 UNF
MS21059L5	5/16 UNF
MS21059L6	3/8 UNF

METRIC FLOATING ANCHOR NUTS	
PART NO:	THREAD
LN29679AM3	M3 X 0.5
LN29679AM4	M4 X 0.7
LN29679AM5	M5 X 0.8
LN29679AM6	M6 X 1.0
LN29679AM8	M8 X 1.25



IMPERIAL FIXED ANCHOR NUTS	
PART NO:	THREAD
MS21047L08	8/32 UNF
MS21047L3	10/32 UNF
MS21047L4	1/4 UNF
MS21047L5	5/16 UNF
MS21047L6	3/8 UNF

METRIC FIXED ANCHOR NUTS	
PART NO:	THREAD
LN29671AM3	M3 X 0.5
LN29671AM4	M4 X 0.7
LN29671AM5	M5 X 0.8
LN29671AM6	M6 X 1.0
LN29671AM8	M8 X 1.25



IMPERIAL SINGLE LUG FIXED	
PART NO:	THREAD
MS21051L08	8/32 UNF
MS21051L3	10/32 UNF
MS21051L4	1/4 UNF
MS21051L5	5/16 UNF
MS21051L6	3/8 UNF

METRIC SINGLE LUG FIXED	
PART NO:	THREAD
LN29673AM3	M3 X 0.5
LN29673AM4	M4 X 0.7
LN29673AM5	M5 X 0.8
LN29673AM6	M6 X 1.0
LN29673AM8	M 8 X 1.25



IMPERIAL CORNER ANCHOR NUTS	
PART NO:	THREAD
MS21055L08	8/32 UNF
MS21055L3	10/32 UNF
MS21055L4	1/4 UNF
MS21055L5	5/16 UNF
MS21055L6	3/8 UNF

METRIC CORNER ANCHOR NUTS	
PART NO:	THREAD
LN29675AM3	M3 X 0.5
LN29675AM4	M4 X 0.7
LN29675AM5	M5 X 0.8
LN29675AM6	M6 X 1.0
LN29675AM8	M8 X 1.25

AN NUTS



REDUCED HEIGHT NYLOCS	
PART NO:	THREAD
AN364-1032A	10/32 UNF
AN364-428A	1/4 UNF
AN364-524A	5/16 UNF
AN364-624A	3/8 UNF
AN364-720A	7/16 UNF

STANDARD HEIGHT NYLOCS	
PART NO:	THREAD
AN365-1032A	10/32 UNF
AN365-428A	1/4 UNF
AN365-524A	5/16 UNF
AN365-624A	3/8 UNF
AN365-720A	7/16 UNF



AN R/H LOCK NUTS	
PART NO:	THREAD
AN315-3R	10/32 UNF
AN316-4R	1/4 UNF
AN316-5R	5/16 UNF
AN316-6R	3/8 UNF
AN316-7R	7/16 UNF

AN L/H LOCK NUTS	
PART NO:	THREAD
AN315-3L	10/32 UNF
AN316-4L	1/4 UNF
AN316-5L	5/16 UNF
AN316-6L	3/8 UNF
AN316-7L	7/16 UNF



IMPERIAL LOCK NUTS	
PART NO:	THREAD
LOC 10/32	10/32 UNF
LOC 1/4	1/4 UNF
LOC 5/16	5/16 UNF
LOC 3/8	3/8 UNF
LOC 7/16	7/16 UNF
LOC 1/2	1/2 UNF
LOC 9/16	9/16 UNF
LOC 5/8	5/8 UNF
LOC 3/4	3/4 UNF
LOC 7/8	7/8 UNF

FOR FULL PART NUMBER ADD L/H FOR LEFT HAND AND R/H FOR RIGHT HAND



METRIC LOCK NUTS	
PART NO:	THREAD
LOCM6X1.00	M6X1.00
LOCM8X1.00	M8X1.00
LOCM8X1.25	M8X1.25
LOCM10X1.00	M10X1.00
LOCM10X1.50	M10X1.50
LOCM12X1.25	M12X1.25
LOCM12X1.50	M12X1.50
LOCM12X1.75	M12X1.75
LOCM14X1.50	M14X1.50
LOCM14X2.00	M14X2.00
LOCM16X1.50	M16X1.50
LOCM16X2.00	M16X2.00

FOR FULL PART NUMBER ADD L/H FOR LEFT HAND AND R/H FOR RIGHT HAND

# Oil System



OUR SUPPLIERS



OIL SYSTEM

MOCAL & SETRAB OIL COOLERS	98
OBP CATCH TANKS & DRY SUMP TANKS	99
MOCAL SANDWICH PLATES, REMOTE FILTER HEADS, OIL STATS AND LAMINOVA OIL/WATER COOLERS	99

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 FOR OIL COOLER DUCTS SEE PAGE 25  
 FOR OILS SEE PAGES 52-55  
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 FOR CHECK VALVES SEE PAGE 61  
 FOR OIL PRESSURE & TEMPERATURE GAUGES SEE PAGES 63-64  
 FOR CUSTOM MADE HOSES SEE PAGE 75  
 FOR HOSES AND FITTING SEE PAGES 76-87  
 FOR DRYBREAK CONNECTORS SEE PAGES 88-89  
 FOR OIL PRE-HEATING SEE PAGE 109



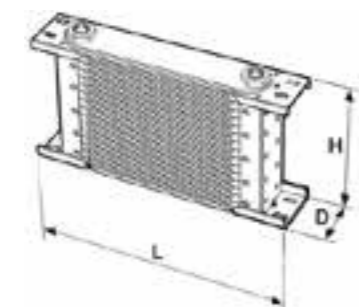
**SETRAB OIL COOLERS**

Setrab offer a wide range of rugged and reliable oil coolers for all types of cooling and have been made in Sweden since 1967, The coolers come with female M22x1.5 thread and there is a wide range of JIC, BSP and Metric adaptors available separately. Working pressure of 0-10BAR and temperature range of -40°C to +150°C.

SERIES 1 / 115MM COOLERS				
PART NO:	ROWS	H	D	L
50-107-7612	7	52MM	50MM	210MM
50-110-7612	10	76MM	50MM	210MM
50-113-7612	13	99MM	50MM	210MM
50-116-7612	16	122MM	50MM	210MM
50-119-7612	19	146MM	50MM	210MM
50-125-7612	25	193MM	50MM	210MM
50-150-7612	50	389MM	50MM	210MM
50-172-7612	72	562MM	50MM	210MM

SERIES 6 / 235MM COOLERS				
PART NO:	ROWS	H	D	L
50-607-7612	7	52MM	50MM	330MM
50-610-7612	10	76MM	50MM	330MM
50-613-7612	13	99MM	50MM	330MM
50-616-7612	16	122MM	50MM	330MM
50-619-7612	19	146MM	50MM	330MM
50-625-7612	25	193MM	50MM	330MM
50-634-7612	34	264MM	50MM	330MM
50-640-7612	40	310MM	50MM	330MM
50-644-7612	44	342MM	50MM	330MM
50-650-7612	50	389MM	50MM	330MM

SERIES 9 / 235MM COOLERS				
PART NO:	ROWS	H	D	L
50-910-7612	10	76MM	50MM	405MM
50-913-7612	13	99MM	50MM	405MM
50-915-7612	15	122MM	50MM	405MM
50-919-7612	19	146MM	50MM	405MM
50-925-7612	25	193MM	50MM	405MM
50-934-7612	34	264MM	50MM	405MM

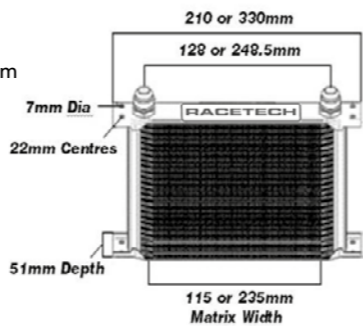


**MOCAL OIL COOLERS**

Mocal oil coolers are constructed from aluminium using the very latest technology. The coolers are available in various heights and two widths (115mm matrix or 235mm matrix) with 51mm front to back measurement. The height of a cooler is usually referred to in rows, these are the number of oilways including top and bottom plates which carry oil. Working pressure of 0-10BAR and temperature range of -40°C to +150°C. Mocal coolers are manufactured in the UK and are used on most race cars worldwide.

115MM OIL COOLERS									
ROWS	-6 JIC	-8 JIC	-10 JIC	-12 JIC	-16 JIC	3/8 BSP	1/2 BSP	5/8 BSP	3/4 BSP
7	07115-6	07115-8	07115-10	N/A	N/A	071153/8	071151/2	N/A	N/A
10	10115-6	10115-8	10115-10	10115-12	N/A	101153/8	101151/2	101155/8	N/A
13	13115-6	13115-8	13115-10	13115-12	N/A	131153/8	131151/2	131155/8	131153/4
16	16115-6	16115-8	16115-10	16115-12	16115-16	161153/8	161151/2	161155/8	161153/4
19	19115-6	19115-8	19115-10	19115-12	19115-16	191153/8	191151/2	191155/8	191153/4
25	25115-6	25115-8	25115-10	25115-12	25115-16	251153/8	251151/2	251155/8	251153/4
34	34115-6	34115-8	34115-10	34115-12	34115-16	341153/8	341151/2	341155/8	341153/4
44	44115-6	44115-8	44115-10	44115-12	44115-16	N/A	441151/2	441155/8	441153/4
50	50115-6	50115-8	50115-10	50115-12	50115-16	N/A	501151/2	501155/8	501153/4

235MM OIL COOLERS									
ROWS	-6 JIC	-8 JIC	-10 JIC	-12 JIC	-16 JIC	3/8 BSP	1/2 BSP	5/8 BSP	3/4 BSP
7	07235-6	07235-8	07235-10	07235-12	N/A	072353/8	072351/2	072355/8	072353/4
10	10235-6	10235-8	10235-10	10235-12	10235-16	102353/8	102351/2	102355/8	102353/4
13	13235-6	13235-8	13235-10	13235-12	13235-16	132353/8	132351/2	132355/8	132353/4
16	16235-6	16235-8	16235-10	16235-12	16235-16	162353/8	162351/2	162355/8	162353/4
19	19235-6	19235-8	19235-10	19235-12	19235-16	192353/8	192351/2	192355/8	192353/4
25	25235-6	25235-8	25235-10	25235-12	25235-16	252353/8	252351/2	252355/8	252353/4
34	34235-6	34235-8	34235-10	34235-12	34235-16	342353/8	342351/2	342355/8	342353/4
44	44235-6	44235-8	44235-10	44235-12	44235-16	N/A	442351/2	442355/8	442353/4
50	50235-6	50235-8	50235-10	50235-12	50235-16	N/A	502351/2	502355/8	502353/4



JIC ADAPTORS	
PART NO:	THREAD
22-09475-01	-6 JIC
22-09476-01	-8 JIC
22-09477-01	-10 JIC
22-09478-01	-12 JIC
22-09479-01	-16 JIC



BSP ADAPTORS	
PART NO:	THREAD
22-07617-01	3/8BSP
22-07618-01	1/2BSP
22-07619-01	5/8BSP
22-07620-01	3/4BSP



BANJOS	
PART NO:	THREAD
22-M22BJAN06	-6 JIC
22-M22BJAN08	-8 JIC
22-M22BJAN-10	-10 JIC
22-M22BJAN-12	-12 JIC



BRACKETS	
PART NO:	SERIES
23-1002	1 SERIES
23-6002	6 SERIES
23-9002	9 SERIES



OBP Motorsport's professionally made and popular range of alloy products are all made in the UK.

**ALLOY OIL CATCH TANKS**

Professionally made oil catch tanks, all made in the UK. An Oil catch tank is a must have for race cars. MSA Regulations state that up to 2 Litre cars require a 2 Litre oil catch tank and over 2 Litre cars require Va 3 litre oil catch tank.

PART NO:	CAPACITY	SIZE MM	DESCRIPTION
OBPCT001	1 LITRE	180(H)X105(W)X65(D)	SQUARE, DRAIN BUNG, SIGHT TUBE, 13MM INLET OUTLET & BREATHER.
OBPCT002	2 LITRE	200(H)X150(W)X70(D)	SQUARE, DRAIN BUNG, SIGHT TUBE, 13MM INLET, OUTLET & BREATHER.
OBPCT003	0.5 LITRE	90(H)X90(DIA)	ROUND, DRAIN BUNG, 13MM INLET, OUTLET & BREATHER.
OBPCT004	1 LITRE	170(H)X90(DIA)	ROUND, DRAIN BUNG, SIGHT TUBE, 13MM INLET, OUTLET & BREATHER.
OBPCT005	1 LITRE	180(H)X105(W)X65(D)	SAME AS OBPCT001 BUT BAFFLED.
OBPCT006	2 LITRE	200(H)X150(W)X70(D)	SAME AS OBPCT002 BUT BAFFLED.
OBPCT007	0.5 LITRE	90(H)X90(DIA)	SAME AS OBPCT003 BUT BAFFLED.
OBPCT008	1 LITRE	170(H)X90(DIA)	SAME AS OBPCT004 BUT BAFFLED.
OBPM01J	1.5 LITRE	180(H)X125(W)X80(D)	SQUARE, 10MM DRAIN BUNG, SIGHT TUBE, -6 INLET, OUTLET & BREATHER.
OBPM02J	2 LITRE	205(H)X145(W)X80(D)	SQUARE, 10MM DRAIN BUNG, SIGHT TUBE, -6 INLET, OUTLET & BREATHER.
OBPM03J	3 LITRE	230(H)X170(W)X90(D)	SQUARE, 10MM DRAIN BUNG, SIGHT TUBE, -10 INLET, OUTLET & BREATHER



**ALLOY DRY SUMP TANKS**

Professionally made oil dry sump tanks, all made in the UK. An oil tank is imperative when running a dry sump system to ensure there is enough oil in the system available for the engine.

PART NO:	CAPACITY	SIZE MM	DESCRIPTION
OBPDS01	1 GALLON	210(H)X190(DIA)	1 X 10MM BREATHER, 40MM SCREW CAP, -12 INLET & OUTLET
OBPDS02	1.5 GALLON	270(H)X190(DIA)	1 X 10MM BREATHER, 40MM SCREW CAP, -12 INLET & OUTLET
OBPDS03	2 GALLON	356(H)X190(DIA)	1 X 10MM BREATHER, 40MM SCREW CAP, -12 INLET & OUTLET
OBPDS04	2.5 GALLON	410(H)X190(DIA)	1 X 10MM BREATHER, 40MM SCREW CAP, -12 INLET & OUTLET
OBPDS05	3 GALLON	468(H)X190(DIA)	1 X 10MM BREATHER, 40MM SCREW CAP, -12 INLET & OUTLET



**SANDWICH PLATES**

Enables oil to be taken from the filter head to oil cooler. A must for all oil cooler applications.



PART NO:	DESCRIPTION
SP1	1/2 BSP FEMALE PORTS, 3/4 UNF BOLT
OTSP1	AS SP1 BUT WITH BUILT IN THERMOSTAT
TGASP1	AS SP1 WITH 3/8 BSP TEMP TAKE OFF
SP1A	1/2 BSP FEMALE PORTS, 5/8 UNF BOLT
SP1B	1/2 BSP FEMALE PORTS, M16X1.5 BOLT
SP1C	1/2 BSP FEMALE PORTS, 13/16 UNF BOLT
SP1D	1/2 BSP FEMALE PORTS, M18X1.5 BOLT
M01	BLANKING CAP FOR SANDWICH PLATES

**OILSTATS**

Made from diecast aluminium, temperature is controlled by a wax filled element, opens at 80°C.



PART NO:	DESCRIPTION
OT/1	1/2" PUSH ON, OPENS AT 80°C
OT/1B	3/8" PUSH ON, OPENS AT 80°C
OT/2	5/8" PUSH ON, OPENS AT 80°C
OT/2C	1/2" BSP MALE, OPENS AT 80°C
OT/2D	5/8" BSP MALE, OPENS AT 80°C
OT/2F	-8 JIC MALE, OPENS AT 80°C
OT/2G	-10 JIC MALE, OPENS AT 80°C
OT/2H	-12 JIC MALE, OPENS AT 80°C

**REMOTE FILTER HEADS**

Diecast aluminium remote filter heads to re-locate the oil filter due to a lack of room. All have 1/2BSP female ports.

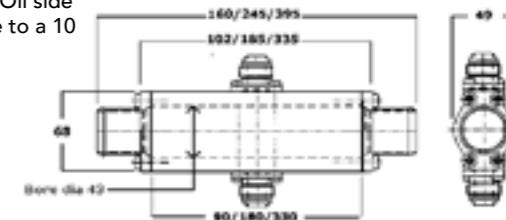


PART NO:	DESCRIPTION
RFH1A	FLOWS L TO R 5/8" UNF TEMP TAKE OFF
RFH1B	FLOWS R TO L 5/8" UNF TEMP TAKE OFF
RFH1C	FLOWS L TO R M14 TEMP TAKE OFF
RFH1D	FLOWS R TO L M14 TEMP TAKE OFF
RFH1E	FLOWS L TO R NO TEMP TAKE OFF
RFH1F	FLOWS R TO L NO TEMP TAKE OFF
RFH1G	FLOWS L TO R 3/8" BSP TEMP TAKE OFF
RFH1H	FLOWS R TO L 3/8" BSP TEMP TAKE OFF

**LAMINOVA OIL TO WATER COOLERS**

Laminova oil coolers are ideal for use where there is no access to flowing air as in some rear/mid engine cars. Aluminium, very light & compact, sealed with o-rings and 43mm core. Straight water connections for 16mm, 18mm, 24mm, 28mm, 32mm and 90° connections for 35mm, 38mm and 45mm bore hoses. Oil side male connections for -6, -8, -10, -12 and -16 JIC. A C43-90 would give a similar performance to a 10 row air to oil cooler, a C43-180 a 16 row and a C43-330 to a 25 row.

PART NO:	DESCRIPTION
C43-90	LAMINOVA OIL COOLER 160MM OVERALL
C43-180	LAMINOVA OIL COOLER 245MM OVERALL
C43-330	LAMINOVA OIL COOLER 395MM OVERALL





# Safety & Driver Gear



## OUR SUPPLIERS

**lifeline**

**SCHROTH**

**WILLANS**

**Sabelt**

**RACETECH**

**indi**

**OMP**

**capit**

**TRRS**

## SAFETY & DRIVER GEAR

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FOR RAINLIGHTS SEE PAGE 39  
FOR HEAT INSULATION & PROTECTION SEE PAGES 70-73

## SAFECRAFT RACING INTERIOR NETS

Safecraft Restraint Systems products are handcrafted, in the USA by skilled craftsman. Safecraft's leaders and design team are themselves racers, who dedicate their efforts to constantly developing new ways to improve today's safety equipment.

Safecraft's window nets are used by teams in top tier racing including GT, NASCAR and WTCC. The Safecraft window net meets FIA 8863/2013 and SFI 37.1 safety standards and is suitable for international competition use. These racing window nets are made from Kevlar material.

The push-button release makes for ease of access. Both the push button quick release and buckle fastener release are available in either left or right hand (from drivers seat) options. Traditionally the quick release fastener is used for the drivers window and the ratchet fastener net is mounted in the centre of the car. A left hand drive car will use a quick release for the left hand side and a ratchet on the right hand side of the drive where as a right hand drive car will use a ratchet fastener net on the left hand side of the driver and a quick release on the right of the driver.



**8111-K RACING NET**  
Racing Net (generally used for door positions, ease of driver changes), Push-Button Release, Kevlar Webbing, Meets FIA 8863/2013. Only made in black, available for left side of driver or right side of driver.

**8011-K RACING NET**  
Racing Net (generally used in centre position, Ratchet latch tensioner, Kevlar Webbing, Meets FIA 8863/2013. Only made in black, available for left side of driver or right side of driver and clip or bolt in.



## CAPIT HELMET DRYERS

The Capit Helmet Dryer has been designed to solve one of the most troublesome issues for riders and drivers. The helmet sweat doesn't dry out, thus creating problems of bad comfort, fogging of the visor or worse. With the function "hot air" (you can select also "cold air" function) the Capit Helmet Dryer is able to dry the inside of the helmet in a few minutes and without leaving any odours.



PART NO.	DESCRIPTION
WEV032	HELMET DRY BLACK
WEV030	HELMET DRY SILVER

## CAPIT SUIT DRYERS

Designed for either rider leathers or drivers race suits. It can dry a suit in a very short time. It is made with an ABS shell and aluminium so it is resistant and light at the same time. It has been tested and approved by the best riders in the World Championships. The Capit Suit Dryer comes as standard with a UK plug, however other plug options are available.



PART NO.	DESCRIPTION
WEV042	SUIT DRY BLACK
WEV040	SUIT DRY SILVER



## TRRS FORMULA HARNESSES

TRRS Single seater/ Formula harness to suit the new FIA8853-2016 regulations. For other TRRS harnesses please contact us.



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
21F6051	6PT STEEL ADJUSTERS, RED	21F6251	6PT ALLY ADJUSTERS, RED
21F6052	6PT STEEL ADJUSTERS, BLUE	21F6252	6PT ALLY ADJUSTERS, BLUE
21F6053	6PT STEEL ADJUSTERS, BLACK	21F6253	6PT ALLY ADJUSTERS, BLACK

6 point formula harness. 3-2" shoulder strap with steel shoulder adjusters and bolt down mount. 2" lap straps with 3" load spreader and aluminium pinch plate bolt down mounting. 2" crutch loop and D style strap with bolt down mounts.

6 point formula harness. 3-2" shoulder strap with aluminium shoulder adjusters and bolt down mount. 2" lap straps with 3" load spreader and aluminium pinch plate bolt down mounting. 2" crutch loop and D style strap with bolt down mounts.

## TRRS TOW LOOPS

Fixed - 13cm loop, 26cm overall length  
Adjustable - 13cm loop, 16-60cm adjustable



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
23N50-0001	RED FIXED STRAP	23N52-0001	RED ADJUSTABLE STRAP
23N50-0002	BLUE FIXED STRAP	23N52-0002	BLUE ADJUSTABLE STRAP
23N50-0003	BLACK FIXED STRAP	23N52-0003	BLACK ADJUSTABLE STRAP
23N50-0004	YELLOW FIXED STRAP	23N52-0004	YELLOW ADJUSTABLE STRAP
23N50-0005	GREEN FIXED STRAP		
23N50-0008	SILVER FIXED STRAP		

Wire - 13cm loop, 33cm overall length

PART NO.	DESCRIPTION
23N51-0001	RED WIRE STRAP
23N51-0002	BLUE WIRE STRAP
23N51-0003	BLACK WIRE STRAP





**SCHROTH RACING HANS DEVICES**

The SCHROTH range of FHR devices (SCHROTH XLT, PRO, EVO) have been chosen by racers world-wide for unparalleled protection. The full range of SCHROTH FHR devices includes the newest and lightest FIA approved FHR models to date. All devices come with sliding tethers and patented SlipStop as standard.



XLT HANS device. Extra lightweight carbon fibre XLT version. Equipped with sliding tethers and patented SlipStop plus friction surface with retaining winglets. Weight around 440g. Available in medium & large sizes in 20 or 30 degrees.



PRO HANS device. Lightweight carbon fibre PRO version. Equipped with sliding tethers and patented SlipStop Plus contact surface with retaining winglets. Weight around 520g. Available in medium only and 10 or 40 degrees.



SUPERSPORT HANS device. Exceptional performance and value at an entry level price. Equipped with the sliding tether system and retaining interchangeable winglets. Weight around 775g. Available in medium & large sizes in 20 degrees.

**SCHROTH RACING HARNESSSES**

This is a selection of the harnesses that Schroth offer, for further details of the whole range please contact us. New for 2018 is the FIA's new harness standard 8853-2016 that requires harnesses to manage forces and energies during 70g accidents far exceeding previous requirements. All of the harnesses below meet FIA8853-2016. Schroth recommend using 2" lap belts as they are easier to tighten just as strong as 3" but have a more effective body contact area.



PART NO:	DESCRIPTION
94500-0	ENDURO 3X2 BLACK
94500-2	ENDURO 3X2 RED

Enduro FIA 8853 6 point harness. Super fast, easy pull down adjustment ideal for driver changes or tight cockpits in touring, GT or sports cars 3" shoulder, 2" lap strap.



PART NO:	DESCRIPTION
94510-0	ENDURO 2X2 BLACK
94510-2	ENDURO 2X2 RED

Enduro FIA 8853 6 point harness. Super fast, easy pull down adjustment ideal for driver changes or tight cockpits in touring, GT or sports cars. 2" shoulder, 2" lap strap.



PART NO:	DESCRIPTION
94540-0	PROFI 3X2 BLACK PULL UP
94541-0	PROFI 3X2 RED PULL UP

Profi FIA 8853 6 point harness. As used by top OEM's and teams worldwide. Pull up lap belt as standard - pull down optional. Ideal for touring, GT or sports cars. 3" shoulder, 2" lap strap.



PART NO:	DESCRIPTION
94550-0	PROFI 2X2 BLACK PULL UP
94550-2	PROFI 2X2 RED PULL UP

Profi FIA 8853 6 point harness. As used by top OEM's and teams worldwide. Pull up lap belt as standard. Ideal for touring, GT or sports cars. 2" shoulder, 2" lap strap.



PART NO:	DESCRIPTION
94620-0	FORMULA 2X2 BLACK
94620-2	FORMULA 2X2 RED

Formula FIA 8853 6 point harness. Bolt down mounts, loop & d style crutch straps. Ideal for single seater/formula cars. 2" shoulder, 2" lap strap.



PART NO:	DESCRIPTION
94530-0	FLEXI 2X2 BLACK
94530-2	FLEXI 2X2 RED

Flexi FIA 8853 6 point harness. As used by top OEM's and utilising Schroth's flexibelt system. Snap hook mountings. 2" shoulder, 2" lap strap.



PART NO:	DESCRIPTION
94560-0	CLUBMAN 3X2 BLACK

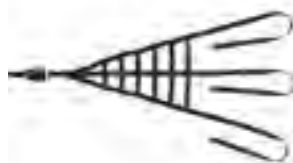
Clubman FIA 8853 6 point harness, An entry level harness with proven Schroth quality. Snap hook mounts & steel adjusters. Ideal for touring and rally cars. 3" shoulder, 2" lap strap.



PART NO:	DESCRIPTION
94570-0	CLUBMAN 2X2 BLACK

Clubman FIA 8853 6 point harness, An entry level harness with proven Schroth quality. Snap hook mounts & steel adjusters. Ideal for touring and rally cars. 2" shoulder, 2" lap strap.

**SCHROTH RACING ACCESSORIES**



PART NO:	DESCRIPTION
09072	INTERIOR NET KIT
09075	DOUBLE TAKE INTERIOR NET



PART NO:	DESCRIPTION
09053-0	WINDOW NET SMALL BLACK
09055-0	WINDOW NET LARGE BLACK



PART NO:	DESCRIPTION
90373	ADJUSTABLE TOW LOOP
90372	SEWN LOOP 4" TOP STRAP



PART NO:	DESCRIPTION
01327	HARNESS BOLT DOWN KIT
01312	HARNESS SNAP ON KIT (PICTURED)



**SCHROTH RACING INDI SEAT KIT**

The Schroth Racing iNDi Seat Kit provides the driver with an "iNDi-vidual" seat iNDi Seat is a race proven seat insert established in the 1990's, and is the original motorsport beaded seat system.

Schroth iNDi Seat Kit uses a vacuum casting bag with a unique bead and slow cure resin mix making it a simple and professional system to fit any driver into any race car. The Schroth iNDi Seat Kit gives the user control on where they need to be positioned for optimum performance and safety. Schroth iNDi Seat Kit materials have been tested extensively at an FIA approved test laboratory.

The Schroth iNDi Seat Kit is used in all categories of motorsport including: F1, GP2, BTCC, WTCC, GTs, LMP, Radicals, Caterhams and many more. We have a full range of seat kit sizes, to suit all drivers, cars and budgets.



PART NO:	DESCRIPTION	BAG SIZE	APPLICATION
INDI-00GT	GT (20L) SCHROTH RACING INDI SEAT KIT	600X900MM	FOR REPLACING SEAT SHELL PADDING. DESIGNED TO FIT LEGS, LUMBAR OR BACK AREA.
INDI-0025	25L SCHROTH RACING INDI SEAT KIT	1100X750MM	FOR BIG DRIVERS IN A TIGHT COCKPIT OR SEAT SHELL. DESIGNED TO FIT TORSO OR LEGS ETC
INDI-0030	30L SCHROTH RACING INDI SEAT KIT	1100X1500MM	TIGHT COCKPITS OR A LINER / INSERT INSIDE A SEAT SHELL OR EXTRACTABLE SEAT. BIGGER DRIVERS IN: F1, GP2, TOURING CAR, LMP, F/FORD, WSR, F3 & HISTORIC. COCKPITS
INDI-0040	40L SCHROTH RACING INDI SEAT KIT	1100X1500MM	TIGHT COCKPITS OR A LINER / INSERT INSIDE A SEAT SHELL OR EXTRACTABLE SEAT. SMALLER DRIVERS IN: F1, GP2, TOURING CAR, LMP, F/FORD, WSR, F3 & HISTORIC COCKPITS.
INDI-0050	50L SCHROTH RACING INDI SEAT KIT	1100X1500MM	THE MOST POPULAR SINGLE SEATER APPLICATION, SUCH AS: FORMULA RENAULT, GP2, GP3, F3, WORLD SERIES RENAULT PLUS LMP & ALSO USED FOR SMALLER DRIVERS IN SEAT SHELLS SUCH AS GT, TOURING CARS & SOME EXTRACTABLE SEATS
INDI-0070	70L SCHROTH RACING INDI SEAT KIT	1100X1500MM	LIKE A 50 LITRE TO BE A STAND ALONE SEAT IN OPEN COCKPITS SUCH AS: CATERHAMs, RADICAL, SPORTS 2000, & ALSO HAS BEEN USED FOR SMALL DRIVERS IN FORMULA RENAULT, F3, IRL, INDY LIGHTS & SUPER FORMULA.

**FITTING & COVERING SERVICE**

Schroth Racing iNDi Seat offers a full seat fitting service to any driver ~ We offer competitive rates for individuals and multiple seat fittings. Our full service will look after the driver from installation of seats to covering the seats. Our official technical partner for covering the iNDi Seats are Cobra Seats in Telford, who offer a first class service and a high quality standard, as well as unrivalled prices. From installation to covering, our team offers a very friendly and personal service! (Please contact: [indiseat@schrothracing.com](mailto:indiseat@schrothracing.com) for prices & further details).



**HANS DEVICE PADDING KIT**

The HANS padding kit is based on the same principle as the bead seat kits which uses a vacuum casting bag with a unique bead and slow cure resin mix. The purpose of the HANS padding kit is to produce an area of comfort between the body and the underside of the HANS Collar. It's simple to make, competitively priced against other gel pads and cushioning options, but the big benefit is it can be moulded to the drivers individual shape & needs. This kit contains the following items: 1 x kit bag with 1ltr of beads, 50ml of resin, 1 x measuring jug, 1 x funnel and 1 x connecting hose.



**HARNESS SPARES & FOAM KIT**



PART NO:	DESCRIPTION	PART NO:	DESCRIPTION
FOAMKIT	2 PART FOAM KIT	681/5	STRAP WRAP ADAPTOR
SEATBAG	SEAT BAG FOR 2 PART KIT	GE50A	7/16x23mm EYE BOLT
		GE50AL50	7/16x50mm EYE BOLT
		GE50BS-FIA	FIA ANCHOR PLATE

Two part foam kit for producing custom made seats, approximately 2 cubic feet per kit.

**ROLL BAR PADDING**

FRBP - MSA approved easyfit standard foam roll bar padding in 3' lengths 451- FIA approved supplied in 600mm lengths. Supplied with adhesive tape.



PART NO:	DESCRIPTION	PART NO:	DESCRIPTION
FRBP-BLACK	BLACK FOAM PADDING 3'	451-100-004	FIA 32mm PADDING 600mm
FRBP-BLUE	BLUE FOAM PADDING 3'	451-100-001	FIA 38mm PADDING 600mm
FRBP-ORANGE	ORANGE FOAM PADDING 3'	451-100-002	FIA 45mm PADDING 600mm
FRBP-YELLOW	YELLOW FOAM PADDING 3'	451-100-003	FIA 50mm PADDING 600mm





OMP RACING HARNESSSES

OMP Racing offers a wide range of harnesses derived from their knowledge and experience supplying F1. New for 2018 is the FIA's new harness standard 8853-2016 that requires harnesses to manage forces and energies during 70g accidents far exceeding previous requirements. All of the harnesses below meet FIA8853-2016.



PART NO:	DESCRIPTION
DA0102CHSL	SALOON 2X2 PULL UP

Ultralightweight Saloon FIA 8853 6 point harness. Made from Dyneema the worlds strongest fibre. 2" shoulder strap with roll bar mount, 2" lap strap with pull up adjusters and carabiner mount, 2" lap straps with snap hook mount.



PART NO:	DESCRIPTION
DA0102HSL	GT/WRC 2X2 PULL DOWN

Ultralightweight GT/WRC FIA 8853 6 point harness. Made from Dyneema the worlds strongest fibre. 2" shoulder strap with roll bar mount, 2" lap strap with pull down adjusters and carabiner mount, 2" lap straps with snap hook mount.



PART NO:	DESCRIPTION
DA0202HSL061	SALOON PULL DOWN RED
DA0202HSL071	SALOON PULL DOWN BLACK

Superlight Saloon FIA 8853 6 point harness. 2" shoulder strap for roll bar mount, 2" lap strap with pull down adjusters and carabiner mount, 2" lap strap with snap hook mount.



PART NO:	DESCRIPTION
DA0202BHSL061	SALOON PULL UP RED
DA0202BHSL071	SALOON PULL UP BLACK

Superlight Saloon FIA 8853 6 point harness. 2" shoulder strap for roll bar mount, 2" lap strap with pull up adjusters and carabiner mount, 2" lap strap with snap hook mount.



PART NO:	DESCRIPTION
DA0203HL061	SALOON PULL UP RED
DA0203HL071	SALOON PULL UP BLACK

Superlight Saloon FIA 8853 6 point harness. 3/2" shoulder strap for roll bar mount, 3" lap strap with pull up adjusters and carabiner mount, 2" lap strap with snap hook mount.



PART NO:	DESCRIPTION
DA0204EH178	SALOON BLACK/FLURO
DA0204EH071	SALOON BLACK

Lightweight Saloon FIA 8853 6 point harness. 3/2" shoulder strap with snap hook mount, 3" lap strap with pull up adjusters and snap hook mount, 2" lap strap with snap hook mount.



PART NO:	DESCRIPTION
DA0205BHSL061	SALOON PULL DOWN RED
DA0205BHSL071	SALOON PULL DOWN BLACK

Lightweight Saloon FIA 8853 6 point harness. 3/2" shoulder strap with snap hook mount, 2" lap strap with pull down adjusters and snap hook mount, 2" lap strap with snap hook mount.



PART NO:	DESCRIPTION
DA0205HSL061	SALOON PULL UP RED
DA0205HSL071	SALOON PULL UP BLACK

Lightweight Saloon FIA 8853 6 point harness. 3/2" shoulder strap with snap hook mount, 2" lap strap with pull up adjusters and snap hook mount, 2" lap strap with snap hook mount.



PART NO:	DESCRIPTION
DA0104HSL	FORMULA 2X2

Ultralightweight Formula FIA 8853 6 point harness. Made from Dyneema the worlds strongest fibre. Lightweight adjusters. 2" shoulder with sewn loop attachment, 2" lap & crutch straps with bolt down attachment.



PART NO:	DESCRIPTION
DA0206HSL061	FORMULA 2X2 RED
DA0206HSL071	FORMULA 2X2 BLACK

Superlight Formula FIA 8853 6 point harness. Lightweight adjusters. 2" shoulder with sewn loop attachment, 2" lap & crutch straps with bolt down attachment. Pull up adjuster on lap.



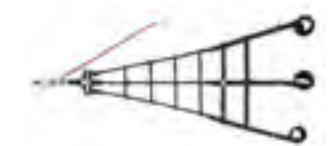
PART NO:	DESCRIPTION
DA0206BHSL061	FORMULA 2X2 RED
DA0206BHSL071	FORMULA 2X2 BLACK

Superlight Formula FIA 8853 6 point harness. Lightweight adjusters. 2" shoulder, lap and crutch straps with bolt down attachments. pull up adjuster on lap strap.



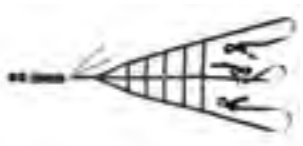
PART NO:	DESCRIPTION
DB/420	7/16" X 1" EYE BOLT
DB/418	FIA EYE BOLT PLATE 50X80X3MM
DB/421	REINFORCED THREADED PLATE
SD20	HANS STRAP HOLDER
DB/461	HARNESS CUTTER

OMP RACING NETS



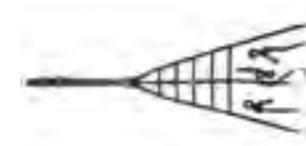
PART NO:	DESCRIPTION
NA/1877	FIA 8863-2013 NET

Professional top level racing net FIA homologated to FIA 8863-2013 with quick release, quick front strap adjustment to fit several seat positions. Designed to be mounted on the left or on the right side of the driver



PART NO:	DESCRIPTION
NA/1875	FIA 8863-2013 NET

Professional mid level racing net FIA homologated to FIA 8863-2013 with small-sized quick release and front strap adjustment to fit several seat positions. Designed to be mounted on the left or on the right side of the driver



PART NO:	DESCRIPTION
NA/1876	FIA 8863-2013 NET

Professional entry level racing net FIA homologated to FIA 8863-2013 with quick release and quick front strap adjustment to fit several seat positions. Designed to be mounted on the left or on the right side of the driver



PART NO:	DESCRIPTION
NA/1870/TN	FIA J 253.11 NET

OMP Racing nylon window safety net FIA homologated to FIA J 253.11. Net is 50cm x 70cm and the webbing matrix is 60mm x 60mm. Includes 5 quick release velcro roll cage attachments.



OMP RACING SEATS

OMP Racing seats are designed and manufactured to the highest standard and all of the seats listed below are FIA approved. The seats are manufactured using either a carbon fiber, fibreglass or tubular aluminium shell. As used and recommended by professional race drivers worldwide.



HA/789 - HRC-ONE	
SHELL MATERIAL	CARBON FIBRE
WEIGHT	9.9KGS
FIXING POINTS	SIDE
HOMOLOGATION	AS.033.14
FIA STANDARD	FIA 8862-2009
SIZES	STD (SHOWN)
COLOURS	BLACK

HA/741E - HTE-ONE	
SHELL MATERIAL	CARBON FIBRE
WEIGHT	9.9KGS
FIXING POINTS	SIDE
HOMOLOGATION	AS.007.10
FIA STANDARD	FIA 8862-2009
SIZES	STD (SHOWN) OR XL
COLOURS	BLACK

HA/788 - HRC-R CARBON	
SHELL MATERIAL	CARBON FIBRE
WEIGHT	6.0KGS
FIXING POINTS	SIDE
HOMOLOGATION	CS.296.13
FIA STANDARD	FIA 8855-1999
SIZES	STD (SHOWN)
COLOURS	BLACK

HA/768E/N - HTE-R CARBON	
SHELL MATERIAL	CARBON FIBRE
WEIGHT	6.6KGS
FIXING POINTS	SIDE
HOMOLOGATION	CS.146.05
FIA STANDARD	FIA 8855-1999
SIZES	STD (SHOWN) OR XL
COLOURS	BLACK



HA/793 - HRC-R	
SHELL MATERIAL	FIBREGLASS
WEIGHT	9.9KGS
FIXING POINTS	SIDE
HOMOLOGATION	CS.307.14
FIA STANDARD	FIA 8855-1999
SIZES	STD (SHOWN) OR XL
COLOURS	BLACK



HA/772E/N - HTE-R	
SHELL MATERIAL	GEL COATED FIBREGLASS
WEIGHT	9.4KGS
FIXING POINTS	SIDE
HOMOLOGATION	CS.184.06
FIA STANDARD	FIA 8855-1999
SIZES	STD (SHOWN) OR XL
COLOURS	BLACK



HA/773E/N - WRC-R	
SHELL MATERIAL	GEL COATED FIBREGLASS
WEIGHT	8.8KGS
FIXING POINTS	SIDE
HOMOLOGATION	CS.183.06
FIA STANDARD	FIA 8855-1999
SIZES	STD (SHOWN) OR XL
COLOURS	BLACK



HA/774E/N - ARS-R	
SHELL MATERIAL	GEL COATED FIBREGLASS
WEIGHT	8.9KGS
FIXING POINTS	SIDE & BOTTOM
HOMOLOGATION	CS.924.98
FIA STANDARD	FIA 8855-1999
SIZES	STD (SHOWN)
COLOURS	BLACK



HA/762E/N - RS-PT2	
SHELL MATERIAL	FIBREGLASS
WEIGHT	10.4KGS
FIXING POINTS	SIDE
HOMOLOGATION	CS.229.09
FIA STANDARD	FIA 8855-1999
SIZES	STD (SHOWN)
COLOURS	BLACK



HA/766E/N - CHAMP-R	
SHELL MATERIAL	GEL COATED FIBREGLASS
WEIGHT	8.8KGS
FIXING POINTS	SIDE
HOMOLOGATION	CS.826.97
FIA STANDARD	FIA 8855-1999
SIZES	STD (SHOWN)
COLOURS	BLACK



HA/790/N - FIRST-R	
SHELL MATERIAL	FIBREGLASS
WEIGHT	9.0KGS
FIXING POINTS	SIDE
HOMOLOGATION	CS.183.06
FIA STANDARD	FIA 8855-1999
SIZES	STD (SHOWN)
COLOURS	BLACK



HA/803/NGI - TRS-X	
SHELL MATERIAL	TUBULAR STEEL
WEIGHT	10.8KGS
FIXING POINTS	SIDE & BOTTOM
HOMOLOGATION	TBC
FIA STANDARD	FIA 8855-1999
SIZES	STD (SHOWN)
COLOURS	BLACK/FLURO YELLOW

OMP RACING SEAT BRACKETS

FIA STEEL BRACKET		FIA STEEL BRACKET		FIA STEEL BRACKET		PART #			
HC/922	400MM LONG 3MM THICK	HC/923	495MM LONG 3MM THICK	HC/731E	380MM LONG 3MM THICK	A	B	C	D
HC/731E	110	34.5	93	70.5					
HC/733E	109	17	94	70.5					
HC/830	77	66	66	77					
HC/833E	112	51	108	73.5					
HC/922	85	81	81	85					
HC/923	75.5	100	100	75.5					
HC/924	85	81	81	85					
HC/925	75.5	100	100	75.5					
ALL DIMENSIONS IN MM									





OMP RACING FIRE EXTINGUISHERS

OMP Racing fire extinguishers are made to the highest standard and all of the extinguishers below are FIA approved. The platinum range of extinguishers are the smallest FIA extinguishers on the market. For servicing and refilling, please contact us.

<b>CESAL4L - WRC &amp; FIA GT</b>	<b>CESAL4S - WRC &amp; FIA GT</b>	<b>CESAL5 - NEW FOR 2019</b>	<b>CEPAL3 - FIA FORMULA CARS</b>
COLLECTION ONE COLLECTION	COLLECTION ONE COLLECTION	COLLECTION TECNICA	COLLECTION PLATINUM
LENGTH 274MM	LENGTH 274MM	LENGTH TBC	LENGTH 235MM INC HEAD
DIAMETER 130MM	DIAMETER 130MM	DIAMETER 160MM	DIAMETER 100MM
WEIGHT 5.5KG INC BRACKET & STRAPS	WEIGHT 5.5KG INC BRACKET & STRAPS	WEIGHT 6KG5	WEIGHT 1.8KG INC BRACKET & STRAPS
HOMOLOGATION FIA 8865-2015	HOMOLOGATION FIA 8865-2015	CAPACITY TBC	CAPACITY 0.9L ECOLIFE
COCKPIT SIZE FROM 1.99 M3 TO 3.73 M3	COCKPIT SIZE FROM 1.2 M3 TO 2.2 M3	HOMOLOGATION FIA8865-2015	HOMOLOGATION FIA EX.036.11
TECHNICAL LIST FIA LIST 52	TECHNICAL LIST FIA LIST 52	TECHNICAL LIST TBC	FIA STANDARD FIA LIST 16

<b>CESAL3 - FIA SALOON CARS</b>	<b>CESAL3R - FIA RALLY CARS</b>	<b>CEPAL2 - FIA SALOON/RALLY CARS</b>	<b>CESAL2 - FIA SALOON/RALLY CARS</b>
COLLECTION PLATINUM	COLLECTION PLATINUM	COLLECTION WHITE	COLLECTION WHITE
LENGTH 246MM INC HEAD	LENGTH 286MM INC HEAD	LENGTH 286MM INC HEAD	LENGTH 315MM
DIAMETER 130MM	DIAMETER 160MM	DIAMETER 160MM	DIAMETER 210MM INC HEAD
WEIGHT 2.5KG INC BRACKET & STRAPS	WEIGHT 4.3KG INC BRACKET & STRAPS	WEIGHT 4.3KG INC BRACKET & STRAPS	WEIGHT 6.2KG INC BRACKET & STRAPS
CAPACITY 1.3L ECOLIFE	CAPACITY 2.8L ECOLIFE	CAPACITY 2.8L ECOLIFE	CAPACITY 4.25L ECOLIFE
HOMOLOGATION FIA EX.035.11	HOMOLOGATION FIA EX.035.11	HOMOLOGATION FIA EX.009.00	HOMOLOGATION FIA EX.008.00
FIA STANDARD FIA LIST 16	FIA STANDARD FIA LIST 16	FIA STANDARD FIA LIST 16	FIA STANDARD FIA LIST 16

<b>CMSST1 - FIA SALOON/RALLY CARS</b>	<b>CESST1 - FIA SALOON/RALLY CARS</b>	<b>CMFST1 - FIA FORMULA CARS</b>	<b>CA/372 - FIA SALOON CARS</b>
COLLECTION BLACK	COLLECTION BLACK	COLLECTION BLACK	COLLECTION SPORT
LENGTH 420MM INC HEAD	LENGTH 385MM INC HEAD	LENGTH 385MM INC HEAD	LENGTH 420MM INC HEAD
DIAMETER 160MM	DIAMETER 160MM	DIAMETER 130MM	DIAMETER 160MM
WEIGHT 8.1KG INC BRACKET & STRAPS	WEIGHT 7.7KG INC BRACKET & STRAPS	WEIGHT 5.6KG INC BRACKET & STRAPS	WEIGHT 8.1KG INC BRACKET & STRAPS
CAPACITY 4.25L ECOLIFE	CAPACITY 4.25L ECOLIFE	CAPACITY 2.8L ECOLIFE	CAPACITY 4.25L ECOLIFE
HOMOLOGATION FIA EX.009.00	HOMOLOGATION FIA EX.008.00	HOMOLOGATION FIA EX.009.00	HOMOLOGATION FIA EX.026.08
FIA STANDARD FIA LIST 16	FIA STANDARD FIA LIST 16	FIA STANDARD FIA LIST 16	FIA STANDARD FIA LIST 16

<b>CAB/319 - FIA HANDHELD</b>	<b>CBR/351 - FIA HANDHELD</b>
COLLECTION BLACK	COLLECTION WHITE
LENGTH 390MM INC HEAD	LENGTH 390MM INC HEAD
DIAMETER 130MM	DIAMETER 130MM
WEIGHT 5.0KG INC BRACKET & STRAPS	WEIGHT 4.0KG INC BRACKET & STRAPS
CAPACITY 2.4L ECOLIFE	CAPACITY 2.4L ECOLIFE

<b>Both dimensions:</b> The dimensions of A, B, C are in mm. The weight is in kg. The volume is in litres. The pressure is in bar. The temperature is in °C.	<b>Part No.</b>	<b>Description</b>	<b>Length</b>	<b>Diameter</b>	<b>Weight</b>	<b>Capacity</b>	<b>Pressure</b>	<b>Temp</b>
	PLATINUM COLLECTION							
	CD/323	8MM X 5M TUBE PLATINUM	5000	8	0.15	0.15	10	20
	CD/323/N/6	6MM X 3M TUBE PLATINUM	3000	6	0.05	0.05	10	20
	CD/323/A	6MM X 4M TUBE WHITE & BLACK	4000	6	0.05	0.05	10	20
	CD/390/N/8	8MM TEE F/F/F PLATINUM	100	8	0.05	0.05	10	20
	CD/390	8MM TEE F/F/F WHITE & BLACK	100	8	0.05	0.05	10	20
	CD/390	6MM TEE F/F/F WHITE & BLACK	100	6	0.05	0.05	10	20

OMP RACING FIRE EXTINGUISHER SPARES

<b>ELECTRICAL CONTROL BOX &amp; CABLE</b>	<b>PULL CABLE</b>	<b>BRACKETS</b>	<b>MISC SPARES</b>
CD/398 BOX FOR PLATINUM, WHITE & BLACK	CD/335 CABLE FOR ALL MECH EXTINGUISHER	CD/400 FOR CEPAL3	CD/323/N/8 8MM X 5M TUBE PLATINUM
X/398/CAV CABLE FOR CD/398 CONTROL BOX		CD/401 FOR CESAL3	CD/323/N/6 6MM X 3M TUBE PLATINUM
		CD/314 FOR CMFST1	CD/390/N/A 6MM X 4M TUBE WHITE & BLACK
		CD/308 FOR CEPAL2, CESAL2, CMSST1, CESST1	CD/390 8MM TEE F/F/F PLATINUM
		CD/404 FOR CA/372	CD/390 6MM TEE F/F/F WHITE & BLACK
<b>NOZZLES</b>	<b>WATER PROOF SWITCH</b>		
CD/393 ALL PLATINUM, WHITE & BLACK	EA/467 SWITCH FOR ALL ELEC EXTINGUISHER		
	X/181493 RED COVER FOR SWITCH		



The MSA has change fire extinguisher regulations, bringing them in line with the FIA homoligation. The 2018 MSA Blue Book has all the details you need but these regulations which effects new builds from 2019 and all competitors from 2022. The Lifeline range has changed to suit these new regulations. AFFF is now only available in 4ltr models. The rest of the Lifeline products has been adjusted as well. Spares, refills and servicing for pre-2018 models will still be available until 2022. For more details please call/email us.

Raceparts is a Lifeline recognised service and refill agent and offering quick turnaround times on Zero 2000 and Zero 360 systems. Lifeline Extinguishers should be serviced every 2 years and replaced after 10 years. For any advice, more information on the new regulations or servicing, please contact us.

ZERO 2000 AFFF EXTINGUISHER RANGE

Lifeline Zero 2000 lightweight are a foam based extinguishant system. These extinguishers are constructed using only the finest materials. These extinguishers are available with a complete installation kit which allows for a professional system solution. These extinguishers have performed supremely well in engine fire tests, and have the full approval of the MSA/FIA and SCCA.

<b>ZERO 2000 4.0LTR FIA APPROVED SYSTEMS</b>	
106-001-001	4.0LTR STEEL MECHANICAL FIRE MARSHAL, 6.5KG FULL. L334XØ155MM
106-001-002	4.0LTR ALUMINIUM ELECTRICAL FIRE MARSHAL, 5.2KG FULL. L315XØ155MM
<b>ZERO 2000 FIA APPROVED RALLY PACKAGES - 1 HANDHELD &amp; 1 PLUMBED IN KIT</b>	
106-400-001	106-001-001 4.0L STEEL MECHANICAL & 201-100-003 2.4L HANDHELD SYSTEM
106-400-002	106-001-002 4.0L ALUMINIUM ELECTRICAL & 201-100-003 2.4L HANDHELD SYSTEM
<b>ZERO 2000 HANDHELD SYSTEMS COMPLETE WITH BRACKET &amp; STRAPS</b>	
201-100-001	1.0LTR FOR ROAD CAR, TRAILER, WORKSHOP (NOT FOR MOTORSPORT). L331XØ90MM
201-100-002	1.75LTR FOR NATIONAL RALLYING, SPRINTS OR PRE 60 RACE CARS. L375XØ108MM
201-100-003	2.4LTR FOR INTERNATIONAL RALLYING. L440XØ108MM



ZERO 360 NOVEC 1230 EXTINGUISHER RANGE

The latest range of Lifeline Zero 360 fire extinguishers are the result of extensive research and development. Using Novec™1230 Lifeline have made a significant step forward in motorsport safety, convincingly passing the FIA tests conducted by the British Standards Institute and observed by the MSA. Lifeline Zero 360 are filled with highly efficient Novec™1230 Zero 360 liquid clean gas extinguishant and all are FIA approved.

<b>ZERO 360 2.25KG STORED PRESSURE FIA APPROVED SYSTEMS</b>	
106-001-004	2.25KG STORED PRESSURE MECHANICAL SYSTEM, 3.27KG FULL. L273MM Ø125MM
106-001-005	2.25KG STORED PRESSURE ELECTRICAL SYSTEM, 3.01KG FULL. L225MM Ø125MM
<b>ZERO 360 3.00KG STORED PRESSURE FIA APPROVED SYSTEMS</b>	
106-001-007	3.0KG STORED PRESSURE MECHANICAL SYSTEM, 3.90KG FULL. L319MM Ø125MM
106-001-008	3.0KG STORED PRESSURE ELECTRICAL FIA SYSTEM, 3.86KG FULL. L288MM Ø125MM
<b>ZERO 360 REMOTE CHARGE FIA APPROVED SYSTEMS</b>	
106-001-003	1.50KG STORED PRESSURE ELECTRICAL SYSTEM, FORMULA & PROTOTYPES ONLY.
106-001-006	2.25KG REMOTE PRESSURE DISCHARGE SYSTEM, 3.09KG FULL. L219MM Ø108MM
106-001-009	3.0KG REMOTE PRESSURE DISCHARGE SYSTEM, 3.87KG FULL. L269MM Ø108MM
<b>ZERO 360 FIA APPROVED RALLY PACKAGES - 1 HANDHELD &amp; 1 PLUMBED IN KIT</b>	
105-300-001	106-001-007 3.0KG MECHANICAL & 207-101-002 2.0KG HANDHELD SYSTEM
105-300-002	106-001-008 3.0KG ELECTRICAL & 207-101-002 2.4L HANDHELD SYSTEM
<b>ZERO 360 HANDHELD SYSTEMS COMPLETE WITH BRACKET &amp; STRAPS</b>	
207-101-001	1.0KG ZERO 360 HANDHELD SYSTEM
207-101-002	2.0KG ZERO 360 HANDHELD SYSTEM
207-101-003	3.0KG ZERO 360 HANDHELD SYSTEM



ZERO 3620 FIA8865 EXTINGUISHER RANGE

The latest FIA standard for plumbed in Fire Suppression systems, 8865:2015 is a great step in both driver and vehicle safety requirements. Using a combination of 3M® Novec 1230™ and an AR-AFFF blend fires are knocked down and controlled preventing reignition. FIA 8865 (FIA technical list 52) is currently a requirement in WRC and FIA GT. When choosing an FIA 8865-2015 system it is critical to specify by the cockpit volume (m3).

<b>ZERO 3620 SYSTEMS EX.001.15 &amp; EX.005.15 CLASSES I, II, III, IV &amp; V - E85.</b>	
105-001-001	ZERO 3620 ENGINE 1.6-2.3M3 COCKPIT SYSTEM
105-001-002	ZERO 3620 ENGINE 1.6-2.3M3 COCKPIT REMOTE CHARGE SYSTEM
105-001-003	ZERO 3620 ENGINE 2.3-4.0M3 COCKPIT SYSTEM
105-001-004	ZERO 3620 ENGINE 2.3-4.0M3 COCKPIT REMOTE CHARGE SYSTEM
<b>ZERO 3620 SYSTEMS EX.009.16 &amp; EX.012.17 CLASSES I, II, III &amp; V - E85.</b>	
105-001-009	ZERO 3620 FIRE MARSHAL 1.6-2.3M3
105-001-006	ZERO 3620 FIRE MARSHAL 2.3-4.0M3



SPARES FOR ZERO 2000 & ZERO 360 STORED PRESSURE

<b>PART NO:</b>	<b>DESCRIPTION</b>	<b>PART NO:</b>	<b>DESCRIPTION</b>
935-100-001	6FT CABLE T HANDLE	941-000-001	POWER PACK ZERO 2000 & 360
935-100-002	12FT CABLE T HANDLE	942-100-002	INTERNAL/EXTERNAL SWITCH 2000 & 360
951-101-008	8MM DEKABON TUBE	943-101-001	PLUG & SWITCH ZERO 2000 & 360
935-300-001	6-10MM HEATPROOF OVERBRAID	955-300-015	ZERO 2000 NOZZLE 8MM
990-100-001	DECAL PACK	955-300-003	ZERO 360 NOZZLE 8MM
952-408-001	8MM T CONNECTOR	920-100-005FIA	BRACKET & STRAPS ZERO 2000
952-408-002	8MM BULKHEAD CONNECTOR	920-100-008FIA	BRACKET & STRAPS ZERO 360





# Set Up & Pit Equipment



## OUR SUPPLIERS



## SET UP & PIT EQUIPMENT

ADA, RACETECH & RACEPARTS PIT/SETUP EQUIPMENT	109
INTERCOMP RACING SCALES & PIT/SETUP EQUIPMENT	110-111
BG RACING JACKS, TROLLEYS PIT EQUIPMENT, HUBSTANDS	112-113
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FOR LOCKWIRE & TYRAPES SEE PAGE 66  
FOR TAPES SEE PAGE 68



## TYRE PRESSURE GAUGES

Hand built to a high standard and protected by a rubber shock absorbing cover. A deflate button is included as standard.

PART NO:	DESCRIPTION
P4D	0-40 PSI/2.8 BAR TYRE PRESSURE GAUGE / DEFLATE RACE
P6D	0-60 PSI/ 4.0 BAR TYRE PRESSURE GAUGE / DEFLATE ROAD



## CAMBER CASTOR GAUGE

Quick & easy to use, reasonably priced, measures both camber and castor on any car and is consistently accurate.

PART NO:	DESCRIPTION
ADACCG	RACETECH ADA CAMBER CASTOR GAUGE



## QUICK LIFT JACK

This robust Quick Lift Jack is suitable for lifting all single seater racing cars. Superbly manufactured with welded joints, a hard wearing black powder coated finish, and non slip rubber mat. Supplied flat-packed.

PART NO:	DESCRIPTION
RTQLJK	LIFT JACK, 10" LIFT HEIGHT, 34" LONG



## TRACKING EQUIPMENT

For checking the camber and alignment of the wheels on the car. This has been around for years and is still the best on the market. Dunlop's AGO40L & AGO40 laser & optical alignment gauges are simple to use, extremely accurate and high quality.

PART NO:	DESCRIPTION
CG4	CAMBER GAUGE
CG4/5	CAMBER CASTOR GAUGE
AGO40	OPTICAL ALIGNMENT GAUGE
CG6	STEERING TURNABLES



## PAD SPREADER TOOL

The Racetech pad spreader tool makes an easy job of parting stiff pads for an easy and quicker brake pad change.

PART NO:	DESCRIPTION
ADAPS	QUICK CHANGE BRAKE PAD TOOL (PARALLEL ACTION)



## CALIPER PISTON SERVICE TOOL

Removes racing caliper pistons with ease, leaves no marks or deformation and is simple to use.

PART NO:	DESCRIPTION
ADACPT	RACETECH ADA CALIPER PISTON SERVICE TOOLS
AVAILABLE FOR THE FOLLOWING SIZES; 1", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 5/8", 1 3/4", 1 7/8", 2", 2 1/4", 26MM, 36MM, 38MM, 40MM, 42MM	



## CHASSIS STANDS

Lightweight aluminium chassis stands rated at 1000kg per stand maximum weight. Sold as a pair, 7" height, 29" and 13.5" lengths.

Strong design will not bend or buckle.

PART NO:	DESCRIPTION
RTSSCS	RACETECH 7" CHASSIS STANDS



## CORNER WEIGHT GAUGES

Fully adjustable, easy & quick to use available in the 'p' type for use with inset wheels, or the 'o' type for use with offset wheels ('o' type has the option of a spring tester).

PART NO:	DESCRIPTION
ADA400-P	ADA RACETECH CORNER WEIGHT GAUGE 400 LBS 'P' TYPE
ADA600-P	ADA RACETECH CORNER WEIGHT GAUGE 600 LBS 'P' TYPE
ADA1000-P	ADA RACETECH CORNER WEIGHT GAUGE 1000 LBS 'P' TYPE
ADA2000-P	ADA RACETECH CORNER WEIGHT GAUGE 2000 LBS 'P' TYPE
ADA400-O	ADA RACETECH CORNER WEIGHT GAUGE 400 LBS 'O' TYPE
ADA600-O	ADA RACETECH CORNER WEIGHT GAUGE 600 LBS 'O' TYPE
ADA1000-O	ADA RACETECH CORNER WEIGHT GAUGE 1000 LBS 'O' TYPE



## WOLVERINE ENGINE OIL PREHEATER

Wolverine engine oil pre heaters are an effective way of preheating engine oil to near operating temperatures. The silicone pads are easily installed on smooth metal surfaces with peel-and-stick mounting and include silicone weatherproofing. Warms internal engine components for quick starts in cold weather and reduces engine wear by improving the flow of fluids (comes without plug).

PART NO:	CAPACITY	SIZE INCH	VOLTAGE	DESCRIPTION
WVLM9/125	3-6 LITRE	3.00" ROUND	240V	SMALL CAPACITY, MODEL 9, 125 WATT
WVLM16/250	5-12 LITRE	4.25" X 3.75"	240V	MEDIUM CAPACITY, MODEL 16, 250 WATT
WVLM40/500	12-26 LITRE	5.00" X 7.00"	240V	LARGE CAPACITY, MODEL 40, 500 WATT





INTERCOMP RACING SCALES & ACCESSORIES



**170125 WIRED E-Z WEIGH SCALES**

Complete wired scale system. View any combination of scale pad weight and percentages, calculate center of gravity, check baseline setup, store 100 chassis setups, and display setups to .1% accuracy. Intercomp Racing SW500 E-Z Weigh scale systems include strong T-6061 aluminum 15"x15"x2.5" billet scale pads with 700kg pad capacity & 2,800kg system capacity. Comes with wired display, display case, and a standard 9-volt battery. For deluxe version including scale pad case and software CD use part # 170124.



**170127 WIRELESS PROFESSIONAL WEIGH SCALES**

Complete wireless scale system. View any combination of scale pad weights and percentages (displayed in hundredths), calculate center of gravity, check baseline setup, store 100 chassis setups, and display setups to .1% percent accuracy. Intercomp Racing SW777 Professional scale systems include strong T-6061 aluminum 15"x15"x2.5" billet scale pads (and scale pad case) with 700kg pad capacity & 2,800kg system capacity. Comes with wireless display and re-chargeable batteries, raceweigh software CD & wireless node, display case, and battery charger.

**QUIK RACK LIGHTWEIGHT SCALE RACK**

Corner weight scale rack precision machined out of super dense foam making it light weight and easy to transport. The system is designed to work with 2.5" high scales and includes ramps, bridges, adjustable pontoons and front roll offs. Supports up to 6000lb (2721kg) vehicle weight.

PART NO:	DESCRIPTION
171000	QUIK RACK ONLY (LEVELLERS NOT INCLUDED)
171001	QUIK RACK INCLUDING LEVELLERS



**SCALE PAD LEVELLER W/ROLL OFF PAD**

Scale Pad leveller with Roll-off pad. Designed to fit any 15" Scale pad with 2.5" pad thickness. Enables the car to be rolled on and off the scale pad with little effort. Aluminium construction. Dimensions 31" x 15.5".

PART NO:	DESCRIPTION
170133	SET OF 4 FOR 2.5" PROFILE PADS



**LASER LEVELLING SYSTEM**

Laser Levelling system for Scale pads. Level pads, Roll-offs or setup racks. Laser sighting with virtually unlimited range. Compatible with all scale systems. Includes case & Laser-Enhancing Glasses

PART NO:	DESCRIPTION
171007	LASER LEVELLING SYSTEM



**SCALE CART**

High quality strong and lightweight scale cart. Can accommodate any combination of 6 scale pads or turn plates in 2.5" or 4" profiles along with any cables & controller.

PART NO:	DESCRIPTION
100346	SCALE CART



**170126 WIRELESS QUIK WEIGH SCALES**

Complete wireless scale system. View any combination of scale pad weights and percentages (displayed in hundredths), calculate center of gravity, check baseline setup, store 100 chassis setups, and display setups to .1% percent accuracy. Intercomp Racing SW650 Quik Weigh scale systems include strong T-6061 aluminum 15"x15"x2.5" billet scale pads with 700kg pad capacity & 2,800kg system capacity. Comes with wireless display and re-chargeable batteries, display case, and battery charger.



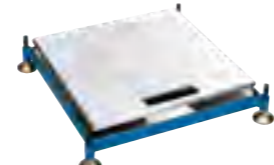
**170154 PC WIRELESS SCALES SYSTEM**

Complete wireless scale system. View any combination of scale pad weights and percentages (displayed in hundredths), calculate center of gravity, check baseline setup, store 100 chassis setups, and display setups to .1% percent accuracy. Intercomp Racing SW787 PC Wireless scale systems include strong T-6061 aluminum 15"x15"x2.5" billet scale pads (and scale pad case) with 700kg pad capacity & 2,800kg system capacity. Comes with wireless weighing technology to transmit data from the scale pads to a PC (compatible with windows 7, 8 & 10).

**SCALE PAD LEVELLER - SET OF 4**

Set of Four levelling feet with up to 2" (50mm) of Vertical Adjustability. For any 15" x 15" (381 x 381mm) Scale Pad with a 2.5" (64mm) or 4" (100mm) Profile. High-Quality Steel Construction with a Powder Coat Finish

PART NO:	DESCRIPTION
100344	SET OF 4 FOR 2.5" OR 4" PROFILE PADS



**QUIK RAMP SCALE RAMPS - SET OF 4**

Set of Four Quik Ramp lightweight scale ramps. 14"L x 2.5"H x 12"W (360x64x305mm) with a 7.8" Incline to make pulling up on to the scales easier. Solid Construction, Supports up to a 6,000lb (2,800kg) Vehicle wit a Textured Exoskeleton to provides extra strength & prevent slipping.

PART NO:	DESCRIPTION
171002	SET OF 4 QUICK RAMPS



**QUIK RAMPS W/ ROLL-OFF - SET OF 4**

Set of four Quik Ramp lightweight scale ramps with a 7.8" Incline and 12" roll-off area. The solid construction supports a vehicle up to 6,000KG). With a textured exoskeleton that provides extra strength & prevent slipping.

PART NO:	DESCRIPTION
171005	SET OF 4 QUICK RAMPS WITH ROLL-OFF



**ALUMINIUM SCALE RAMPS - SET OF 4**

Set of Four lightweight aluminium scale ramps. Low-Profile Ramp for 2.5" (64mm) Scale Pads only. Dimensions: 15" x 15" (381 x 381mm).

PART NO:	DESCRIPTION
100344	SET OF 4 FOR 2.5" OR 4" PROFILE PADS



INTERCOMP PIT EQUIPMENT

**MECHANICAL TURN PLATES**

Mechanical lightweight aluminium turn plates with multiple direction X & Y Movement with range from ±35° (70° Total) in 0.1° increments. The plates can be zeroed with the car in place and can take several easy measurements to be used for alignment including caster/camber & ackerman).

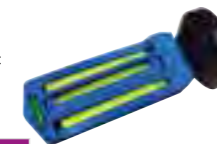
PART NO:	DESCRIPTION
102007	MECHANICAL TURN PLATES SET OF TWO



**BUBBLE CASTOR/CAMBER GAUGE**

Intercomp Bubble Castor/Camber gauge is the industry's highest accuracy. Billet CNC machined aluminium housing with easy to read bubble display. Measures -6 to +6 degrees of Camber and -8 to +8 degrees of Castor with 0.25 degree accuracy.

PART NO:	DESCRIPTION
102010	CASTOR/CAMBER W/CASE & MAGNETIC ADAPTOR
102011	CASTOR/CAMBER W/CASE (NO ADAPTOR)



**DIGITAL CASTOR/CAMBER GAUGE**

Digital Castor/Camber gauge with backlight. Indicates to 1/10° and has a ± 20° castor/camber reading. Up to 10 times greater accuracy than traditional competitors bubble gauges. Lightweight, aluminium design, with auto shut off.

PART NO:	DESCRIPTION
100005	CASTOR/CAMBER W/CASE & MAGNETIC ADAPTOR
100008	CASTOR/CAMBER W/CASE (NO ADAPTOR)



**DELUXE PYROMETER**

Deluxe pyrometer, with a temperature range of 0°-1,500°F (-18°-815°C). Indication to 2,000°F (1,093°C) (brake probe optional). Indication is available in 1° or 0.1° increments. Comes with a flexible coiled probe cord and case.

PART NO:	DESCRIPTION
360012	DELUXE PYROMETER



**INFRA-RED TEMPERATURE GUN**

Infrared laser temperature gun, can read temperatures from -50 to + 550 degrees Celsius within an accuracy of + or - 2 degrees. Comes with a backlit display and includes a protective pouch.

PART NO:	DESCRIPTION
360018-E	INFRARED TEMPERATURE GUN AND POUCH



**FILL & BLEED TYRE PRESSURE GAUGE**

This ultra quick, high accuracy, digital gauge attaches directly to the air or nitrogen hose. Easy to read, 0.5" displays in PSI, BAR & kg/cm². Selectable in 0.01 increments. Accuracy of 0.1%, includes thumb operated bleed button, 45 degree swivel chuck, backlit display and a carry case.

PART NO:	DESCRIPTION
360094	DIGITAL TYRE PRESSURE GAUGE (0-150PSI)



**ULTRA DELUXE TYRE GAUGE - BAR**

These 4" analog glow in the dark air pressure gauges include a high-quality, thumb operated bleeder and nozzle. High visibility with major and minor graduation marks.

PART NO:	DESCRIPTION
360072	TYRE PRESSURE GAUGE (0-2 BAR)
360073	TYRE PRESSURE GAUGE (0-4 BAR)



**DIGITAL COIL SPRING TESTER**

Portable, digital force with travel indication. Large 0.5" (13mm) display knurled pressure relief knob. Peak hold feature. Quick, single pin vertical adjustment. Handles flat/coil-over springs up to 6" (150mm) in diameter & 18" (457mm) high standard 9-volt battery operation.

PART NO:	DESCRIPTION
100061	2'000 LB (1'000 KG) CAPACITY
100059	5'000 LB (2'500 KG) CAPACITY



**DIGITAL TURN PLATES**

Digital lightweight aluminium turn plates with multiple direction X & Y Movement with range from ±35° (70° Total) in 0.1° increments. The plates can be zeroed with the car in place and can take several easy measurements to be used for alignment including caster/camber & ackerman).

PART NO:	DESCRIPTION
102191	DIGITAL TURN PLATES SET OF TWO



**RIM CLAMPS**

Rim clamps for use with Camber/Castor 100005 or 102010 gauges with the magnetic adaptor. Fits almost any size wheel. Commercial grade rugged design guarantees a secure fit.

PART NO:	DESCRIPTION
100007	RIM CLAMP FOR 13" / 18" WHEELS
100009	RIM CLAMP FOR 16" / 25" WHEELS



**DIGITAL ANGLE GAUGE**

Locate angles digitally. Has large LCD display with magnetic base & sides. Reads from 0°- 90° in 0.05° increments. The display rotates 180° and is backlit for night use. Internal battery with USB charging cable.

PART NO:	DESCRIPTION
102144	DIGITAL ANGLE GAUGE



**"DUNLOP" STYLE WHEEL ADAPTER**

Heavy-duty construction. Fits most size wheels from 5" to 24" diameters. An ideal tool for any competitive motorsport set-up process. Great tool for repair shops or expensive aluminium wheel applications. Includes Intercomp's digital angle gauge to read A-Frame angles, pinion angles & spoiler angles. Can be used with digital or bubble camber castor gauges.

PART NO:	DESCRIPTION
360202	DUNLOP WHEEL ADAPTOR W/ DIGITAL GAUGE



**THERMAL IMAGER**

Thermal imager gun, can read temperatures from -4° to 575°F (-20° to 300°C) with an accuracy ± 2% of reading and .25°F (.15°C) sensitivity. Saves images to a micro-SD card and comes with 4 AA batteries and a protective pouch.

PART NO:	DESCRIPTION
175000	THERMAL IMAGER



**DIGITAL TYRE PRESSURE GAUGE**

This ultra quick, high accuracy, digital gauge attaches directly to the air or nitrogen hose. Easy to read, 0.5" displays in PSI, BAR & kg/cm². Selectable in 0.01 increments. Accuracy of 0.1%, includes thumb operated bleed button, 45 degree swivel chuck, backlit display and a carry case.

PART NO:	DESCRIPTION
360045	DIGITAL TYRE PRESSURE GAUGE (99.9 PSI)



**ULTRA DELUXE TYRE GAUGE - PSI**

These 4" analog glow in the dark air pressure gauges include a high-quality, thumb operated bleeder and nozzle. High visibility with major and minor graduation marks.

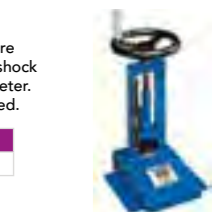
PART NO:	DESCRIPTION
360060	TYRE PRESSURE GAUGE (0-60 PSI)
360078	TYRE PRESSURE GAUGE (0-100 PSI)



**DIGITAL VALVE SPRING TESTER**

Portable, digital force with travel indication. Peak hold feature saves maximum reading. Excellent for testing valve, clutch, shock & pressure. Measures relief springs up to 2" (50mm) in diameter. Readout in 0.2lb increments. standard 9-Volt battery operated.

PART NO:	DESCRIPTION
100058	DIGITAL VALVE SPRING TESTER







**QUICK LIFT JACKS**

Designed with durability and ease of use in mind, B-G Racing Quick Lift Jacks have been manufactured to suit a wide range of cars. The jacks feature very low closed height and are made from high-grade mild steel powder coated silver.

PART NO:	DESCRIPTION
BGR154P	RALLY 400KG LIMIT, 295MM LIFT, 55MM CLOSED
BGR155P	SALOON 300KG LIMIT, 210MM LIFT, 50MM CLOSED
BGR156P	LONG FORMULA 300KG LIMIT 210MM LIFT, 50MM CLOSED
BGR157P	SHORT FORMULA 300KG LIMIT 210MM LIFT 50MM CLOSE



**BATTERY TROLLEYS**

Tough and durable, the B-G Racing Battery Trolley is expertly designed for quick and easy movement, making it ideal for transporting a slave battery around the pits, paddock and workshop. Made from high grade mild steel powder coated silver.

PART NO:	DESCRIPTION
BGR100P	SINGLE TRAY BATTERY TROLLEY
BGR101P	DOUBLE TRAY BATTERY TROLLEY



**PIT BOARDS**

The Pit Board Kit includes a 4 row ergonomic tubular frame pit board (manufactured from lightweight aluminium), a high vis number/letter set and a durable nyloc fabric bag with carry handles and internal pockets.

PART NO:	DESCRIPTION
BGR260G	PIT BOARD KIT - BAG, BOARD & GREEN NUMBERS
BGR260O	PIT BOARD KIT - BAG, BOARD & ORANGE NUMBERS
BGR261	SPARE PIT BOARD 4 ROW ALUMINIUM
BGR263	SPARE PIT BOARD BAG
BGR262G	SPARE NUMBER SET GREEN
BGR262O	SPARE NUMBER SET ORANGE



**FOLDING WORK STATION**

The Folding Work Station is a must have product for all workshops with its multi-functioning capabilities. The folding function also makes transportation easy and keeps storage space to a minimum.

PART NO:	DESCRIPTION
BGR109P	FULL SIZE FOLDING WORK STATION



**FOLDING PIT TROLLEY'S**

The Folding Pit Trolley folds down to take up minimal storage space when being transported to the circuit but when unfolded, it is spacious enough to transport wheels, tyres, tools and even Euro bins round the paddock and workshop.

PART NO:	DESCRIPTION
BGR106P	FULL SIZE FOLDING PIT TROLLEY
BGR107P	MINI FOLDING PIT TROLLEY



**WHEEL & TYRE TROLLEYS**

This sturdy powder coated Wheel & Tyre Trolley is equally practical for transport in the pit/paddock or for storage back at the workshop. A-frame for towing available separately.

PART NO:	DESCRIPTION
BGR112P	A FRAME FOR WHEEL & TYRE TROLLEY
BGR110P	WHEEL & TYRE TROLLEY INTERNAL LENGTH 1300MM
BGR111P	WHEEL & TYRE TROLLEY INTERNAL LENGTH 1500MM
BGR123P	WHEEL & TYRE TROLLEY INTERNAL LENGTH 1600MM



**FORMULA REAR SWIVEL JACK**

The B-G Racing Formula Rear Swivel Jack is designed to fit any single-seater with jack-locating lugs on the gearbox or rear wing. Featuring a revised design, the handle now splits into two halves for easier transportation/storage.

PART NO:	DESCRIPTION
BGR153P	FORMULA REAR SWIVEL JACK



**CHASSIS STANDS**

The Chassis Stands are robustly manufactured from high-grade mild steel with a silver grey powder-coated finish for long-term durability. Stands come complete as a pair have been created to fulfil a wide range of requirements.

PART NO:	DESCRIPTION
BGR125P	24" CHASSIS STANDS PAIR, 300KG MAX LOAD EACH
BGR126P	18" CHASSIS STANDS PAIR, 300KG MAX LOAD EACH
BGR127P	7" CHASSIS STANDS PAIR, 300KG MAX LOAD EACH
BGR128P	6" CHASSIS STANDS PAIR, 300KGS MAX LOAD EACH



**INFRARED THERMOMETER**

The infrared thermometer's are both compact and lightweight, featuring a laser sight and celsius/fahrenheit selection. Its a fast and highly accurate pyrometer giving instant non-contact surface temperature readings in 0.1 degree increments.

PART NO:	DESCRIPTION
BGR510	PYROMETER -50C TO +330C
BGR511	PYROMETER -50C TO +800C



**LOW RISE VEHICLE RAMPS**

They are ideal for use on lowered vehicles and race cars because the Low Rise Vehicle Ramps elevate the car an additional 70mm off the ground allowing for easier and safer access for trolley jacks to the underside of such vehicles.

PART NO:	DESCRIPTION
BGR225	LOW RISE VEHICLE RAMPS



**CAMBER FRAME**

The B-G Racing Aluminium Camber Frame is produced from aluminium with a durable black powder coated finish and can be supplied with the B-G Racing Digital Dual Axis Angle Gauge (BGR304) offering quick and simple camber measurement for both left and right handed users on vehicles with wheel rim sizes up to 20" diameter.

PART NO:	DESCRIPTION
BGR307	ALUMINIUM CAMBER FRAME INC BGR304 GAUGE
BGR307FR	BG RACING ALUMINIUM CAMBER FRAME ONLY
BGR307BAG	BAG FOR BG RACING CAMBER FRAME
BGR304	DIGITAL DUAL AXIS ANGLE GAUGE



**STRING LINE KIT**

B-G String Lines are the easiest and most accurate way to achieve four wheel alignment. The frames are fully adjustable to allow fitment to a wide range of cars and attaches to the vehicle using the hooking feet which are interchangeable to all of the tubes in the kit. B-G String Lines are suitable to cars of different widths.

PART NO:	DESCRIPTION
BGR200	BG RACING STRING LINE KIT
BGR201	BG RACING STRING REEL
BGR200BAG	BG RACING BAG FOR STRING LINE KIT



**HUB STANDS**

This advanced and proven piece of equipment enables complete suspension and alignment set-up (ride heights, camber and toe angles) at the hub, without the wheels and tyres being attached to the vehicle. With HUBStands, set-up is far quicker and more precise than using tyres to take measurements, with accuracy being measured to within 0.1 degree. The stands eliminate the need to constantly roll the car on and off the scales, greatly reducing the set-up time.

HUBStands Proline setup wheels are height adjustable with a 15cm x 30cm base fitted with low resistance, high load roller bearing wheels. Each set of four HUBStands comes with one type of multi-pattern hub plate that fits more than one bolt pattern per set. The interchangeable plates are available in a wide range of configurations and combinations to fit most makes, the majority of 4 & 5 bolt patterns and also a small selection of hubs with centre locking nuts.

Each set also includes four unique 650mm long Toe Sticks, precisely machined to fit perfectly parallel to the hub face at the top of the plates for "stringing", or at the bottom of the HUBStands for measuring total toe and four stainless steel safety plates to prevent the HUBStand from rolling off the scale.

PART NO:	DESCRIPTION
BGR-HS*	HUBSTANDS PROLINE WITH HIGH LOAD ROLLER BEARINGS



**RACECAR NUMBERS**

Available in 9" or 11" slimline and white or black. GP and Rounded styles 11" black only.

PART NO:	DESCRIPTION	
RPNUGP	G.P NUMBER SET 11"	SLIMLINE 11"
RPRO	ROUNDED NUMBER SET 11"	
RPNUSL	SLIMLINE NUMBER SET 11"	
RPNUSLW	SLIMLINE NUMBER SET WHITE 11"	
RPNU9L	SLIMLINE NUMBER SET 9"	GP STYLE 11"
RPNU9W	SLIMLINE NUMBER SET WHITE 9"	
RPNU	INDIVIDUAL NUMBERS 11"	
RPNUW	INDIVIDUAL NUMBERS 11" WHITE	
RPNU9	INDIVIDUAL NUMBERS 9"	ROUNDED 11"
RPNU9W	INDIVIDUAL NUMBERS 9" WHITE	
RPNURO	ROUND WHITE BACKGROUND	
RPSQ	SQUARE WHITE BACKGROUND	



**HIGH VIS RACECAR NUMBERS**

Available in 150mm for the front/rear window or 200mm for the side window as per the newest regulations and compliant with MSA 11.4.1 & 11.4.2.

PART NO:	DESCRIPTION
S150-*	INDIVIDUAL NUMBER HIGH VIS 150MM
S200-*	INDIVIDUAL NUMBER HIGH VIS 200MM



**RACECAR STICKERS**

PART NO:	DESCRIPTION
NOVSTI	NOVICE STICKER
SAFSTI	SAFETY STICKER SHEET
ESTICKER	E (EXTINGUISHER) STICKER



**ETCHING PENS**

Etch pen for permanent etching of codes, sizes and identification references on metal surfaces. Suitable for use on alloy, stainless steel, iron, copper and gun metal. For light marking make only a single pass, for heavier marking make repeated passes.

PART NO:	DESCRIPTION
ETCPEN	ETCHING PEN



**PUMP SPRAY BOTTLE**

1 Litre plastic pump action spray bottle perfect for use with brake & clutch cleaner. 5L bottles of brake & clutch cleaner available - see fluids section.

PART NO:	DESCRIPTION
PMPSPBTL	1L PUMP SPRAY BOTTLE



**PRIMER BOTTLE**

150ml primer bottle for filling with fuel and engine priming. The quick twist metal valve prevents accidental fuel spillage.

PART NO:	DESCRIPTION
PRIBTL	150ML PRIMER BOTTLE







PAOLI WHEEL GUNS & ACCESSORIES

Dino Paoli SRL are the market leader in wheel guns supplying all of the top echelons of Motorsport. Paoli wheel guns are smaller, lighter and more efficient than conventional guns. Below is a selection of the most popular wheel guns and accessories. For more details please call or email.



DP6000 - F1		DP5000 TI MKII - INDY		DP4000 BIAS - ENDURANCE		DP2000SE - GP2		DP1775FE - GT/ENDURANCE	
DRIVE	1.00"	DRIVE	1.00"	DRIVE	1.00"	DRIVE	1.00"	DRIVE	1.00"
WEIGHT	3.50KG	WEIGHT	3.43KG	WEIGHT	3.90KG	WEIGHT	3.90KG	WEIGHT	4.20KG
LENGTH	198MM	LENGTH	198MM	LENGTH	193MM	LENGTH	186MM	LENGTH	193MM
RPM @ 25 BAR	14,700RPM	RPM @ 25 BAR	14,500RPM	RPM @ 20 BAR	10,500RPM	RPM @ 20 BAR	9,500RPM	RPM @ 20 BAR	10,000RPM
MAX TORQUE	4,200NM	MAX TORQUE	3,800NM	MAX TORQUE	3,000NM	MAX TORQUE	2,500NM	MAX TORQUE	1,900NM
INLET	3/8BSP	INLET	3/8BSP	INLET	3/8BSP	INLET	3/8BSP	INLET	3/8BSP



DP36 SF EVO - TOURING		TORPEDO - ALL	
DRIVE	0.500"	DRIVE	0.500"
WEIGHT	2.23KG	WEIGHT	3.08KG
LENGTH	161MM	LENGTH	266MM
RPM @ 14 BAR	14,500RPM	VOLTAGE	18.0V
MAX TORQUE	850NM	MAX TORQUE	588NM
INLET	3/8BSP*	INLET	N/A - BATTERY



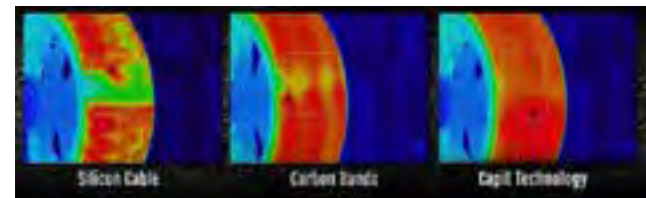
TYRE WARMERS

Capit tyre warmers are the choice of more professional race teams than any other warmers on the market and for good reason. Their patented unique Full-Warm construction method provides uniform heating of the tyres to the optimum temperature in only 30 minutes. These warmers offer 40 percent more heating surface than the competition. Features include: Special woven heating cable spaced every 15mm, Energy saving fire resistant inner liner, Water resistant even in extreme weather, Increased abrasion resistance for greater durability. LED power indicator illuminates and switches off. Also includes the revolutionary Capit heat spreader fabric. Warmers are available either with a self regulated setting to 85°C or for use with a control box (LEO) adjustable from 20°C to 150°C.

TYRE WARMES FOR CAR - PLUG VERSION SET TO 85°C			
PART NO:	DESCRIPTION	TYRE WIDTH	CIRCUMFERENCE
TWK11	PAIR OF WARMERS KART FRONT	150MM-260MM	860MM-880MM
TWK12	PAIR OF WARMERS KART REAR	210MM-290MM	910MM-930MM
TWA21XS	PAIR OF WARMERS CAR X.SMALL	180MM-240MM	1670MM-1800MM
TWA22S	PAIR OF WARMERS CAR SMALL	210MM-300MM	1880MM-1980MM
TWA23M	PAIR OF WARMERS CAR MEDIUM	200MM-240MM	1920MM-2100MM
TWA24L	PAIR OF WARMERS CAR LARGE	265MM-305MM	1900MM-2100MM
TWA25XL	PAIR OF WARMERS CAR X.LARGE	250MM-350MM	2000MM-2250MM
TWA26XXL	PAIR OF WARMERS CAR XXL	300MM-440MM	2100MM-2250MM

TYRE WARMES FOR CAR - LEO VERSION CONTROL BOX ADJUSTABLE FROM 20°C TO 150°C			
PART NO:	DESCRIPTION	TYRE WIDTH	CIRCUMFERENCE
TWA31XS	PAIR OF WARMERS CAR X.SMALL	180MM-240MM	1670MM-1980MM
TWA32S	PAIR OF WARMERS CAR SMALL	210MM-300MM	1800MM-1980MM
TWA33M	PAIR OF WARMERS CAR MEDIUM	200MM-240MM	1920MM-2080MM
TWA34L	PAIR OF WARMERS CAR LARGE	265MM-305MM	1190MM-2100MM
TWA35XL	PAIR OF WARMERS CAR X.LARGE	250MM-350MM	2000MM-2250MM
TWA36XXL	PAIR OF WARMERS CAR XXL	300MM-440MM	2100MM-2250MM
TWA37XXL	PAIR OF WARMERS CAR XXXL	270MM-370MM	>2045MM

ACCESSORIES	
PART NO:	DESCRIPTION
WER004	THERMOCONTROLLER FOR 1 SET LEO VERSION INC 4 X 3M CABLES
WTV004	WARMER SIDE COVER EACH (SAME COLOUR OF THE TYREWARMER)



KRONTEC AIR JACK LANCES & CONNECTING VALVES

Krontec easy push air lance system uses a powerless coupling process up to 40 BAR. The stop valve (On a connecting valve) allows the car to stay up when disconnected from the lance.

PART NO:	DESCRIPTION
LL-03	LANCE, 0-40 BAR, EASY PUSH, M16 X 1.5 THREAD
LL-16	CONNECTING VALVE, -6 MALE WITH INTEGRATED STOP VALVE
LL-12	CONNECTING VALVE, -6 MALE THREAD
LL-13	CONNECTING VALVE, -6 MALE THREAD WITH STOP VALVE
LL-15	CONNECTING VALVE, 3/8 NPT THREAD
LL-16 PLUS	-6 CONNECTION VALVE WITH BOTTOM TO HOSE



AP RACING AIR JACKS & ACCESSORIES

AP Racing's Air Jacks are lightweight and reliable. They are available in different sizes and stroke configurations to suit the widest possible range of lift heights and vehicle weights. A range of accessories including exhaust valves, safety props, lances and connectors are available.

CP3985 FAST AIRJACK				
PART NO:	BORE(MM)	STROKE(MM)	LIFT(KG) @ 20 BAR	WEIGHT(KG)
CP3985-150	54	150	675	0.88
CP3985-230	54	230	675	1.12
CP3985-310	54	310	675	1.39

CP3985 ACCESSORIES	
PART NO:	DESCRIPTION
CP3985-PROP	CP3985 SAFETY PROP
CP6116-5	LANCE
CP6116-3	CONNECTING VALVE



STAUBLI AIR JACK ACCESSORIES

Staubli proposes a total solution to ensure maximum performance and optimum safety during the lifting & lowering of the car, with innovative technology of no internal jack springs and a rapid acting cylinder. For Airjack information and other accessories please call.

PART NO:	DESCRIPTION
JAC 06.1102	LANCE
JAC 06.1102/MSW	SWIVEL VERSION LANCE
JAC 06.5655	CONNECTING VALVE WITH STOP VALVE



RACEPARTS AIR JACK SAFETY PROPS & STANDS

Raceparts air jack safety props and stands. These come as complete units with foot and Safety stand combination. Can be ordered in 3 or 4 units depending on your requirements. They are tested to 375KGS per Item (with a safety factor of 4:1).

PART NO:	DESCRIPTION
RPAJSP*	AIRJACK SAFETY PROP MADE TO ORDER
RPAJST*	AIRJACK STANDS MADE TO ORDER



RACEPARTS AIR BOTTLE KITS

Raceparts air bottle kits for single use (wheel guns, airjacks, tyre inflation) or multi purpose use. We can supply the complete kits including trolley, bottle, regulator, hoses and adaptors/fitments to single or twin hoses with the correct ends to connect up the wheel guns, air jack lances and tyre inflation gauges.

PART NO:	DESCRIPTION
LL-85	0-50BAR PRESSURE REGULATOR
LL-86-2	2M CONNECTING HOSE REGULATOR TO BOTTLE
LL-86-3	3M CONNECTING HOSE REGULATOR TO BOTTLE
LL-86-4	4M CONNECTING HOSE REGULATOR TO BOTTLE
LL-86-5	5M CONNECTING HOSE REGULATOR TO BOTTLE
RTABT1	RACEPARTS SINGLE AIR BOTTLE TROLLEY
RTABT2	RACEPARTS TWIN AIR BOTTLE TROLLEY
TG4	TYRE INFLATION GAUGE





# Steering & Suspension



## OUR SUPPLIERS



## STEERING & SUSPENSION

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FOR UNIVERSAL JOINTS SEE PAGE 32

## OMP STEERING WHEELS

OMP Racing steering wheels are available in a range of sizes. The wheels are manufactured entirely in Italy with either a carbon fiber or aluminium core and leather or suede finish. As used and recommended by professional race drivers worldwide.

<b>OD/2016/NN - INDY</b> DIA 250X200MM DISH FLAT FINISH SUEDE CORE ALUMINIUM GRIP SHAPE OVAL 35X25MM CUT OUT TOP PART # OD/2017/NN	<b>OD/1972/N - FORMULA QUADRO</b> DIA 250X230MM DISH FLAT FINISH SUEDE CORE ALUMINIUM GRIP SHAPE OVAL 35X25MM	<b>OD/1985/NN - KUBIK</b> DIA 310X265MM DISH FLAT FINISH SUEDE CORE ALUMINIUM GRIP SHAPE OVAL 35X28MM	<b>OD/2044/N - 310 ALU GT</b> DIA 315X226MM DISH FLAT FINISH SUEDE CORE ALUMINIUM GRIP SHAPE OVAL 36X30MM	<b>OD/1990/NN - SUPERQUADRO</b> DIA 330X290MM DISH FLAT FINISH SUEDE CORE ALUMINIUM GRIP SHAPE OVAL 35X27MM
<b>OD/1975/N - TRECENTO</b> DIA 300MM DISH FLAT FINISH SUEDE CORE ALUMINIUM GRIP SHAPE OVAL 37X27MM FOR LEATHER PART # OD/1976/N	<b>OD/2042/N - 320 ALU SP</b> DIA 320MM DISH FLAT FINISH SUEDE CORE ALUMINIUM GRIP SHAPE OVAL 35X24MM INC HORN BUTTON PART # OD/2042F/N	<b>OD/2032/N - 320 CARBON S</b> DIA 320MM DISH FLAT FINISH SUEDE CORE CARBON GRIP SHAPE OVAL 35X24MM 50% LIGHTER THAN STD VERSION	<b>OD/2005/NN - TARGA</b> DIA 330MM DISH FLAT FINISH SUEDE CORE ALUMINIUM GRIP SHAPE OVAL 37X24MM	<b>OD/1979 - WRC</b> DIA 350MM DISH 70MM FINISH SUEDE CORE ALUMINIUM GRIP SHAPE ROUND 30MM FOR LEATHER PART # OD/1980
<b>OD/1958 - VELOCITA</b> DIA 350MM DISH FLAT FINISH SUEDE CORE ALUMINIUM GRIP SHAPE OVAL 30X25MM FOR LEATHER PART # OD/1957	<b>OD/2020/N - VELOCITA SUPERLEGGERO</b> DIA 350MM DISH FLAT FINISH SUEDE CORE LIGHT ALUMINIUM GRIP SHAPE ROUND 30MM 40% LIGHTER THAN STD VELOCITA	<b>OD/1954/N - CORSICA</b> DIA 350MM DISH 95MM FINISH SUEDE CORE ALUMINIUM GRIP SHAPE OVAL 30X28MM FOR LEATHER PART # OD/1956/N	<b>OD/2021/N - CORSICA SUPERLEGGERO</b> DIA 350MM DISH 95MM FINISH SUEDE CORE LIGHT ALUMINIUM GRIP SHAPE ROUND 30MM 40% LIGHTER THAN STD CORSICA	<b>OD/2028/N - 350 CARBON D</b> DIA 350MM DISH 95MM FINISH SUEDE CORE CARBON GRIP SHAPE ROUND 30MM 50% LIGHTER THAN STD VERSION

## OMP QUICK RELEASE COUPLINGS & STEERING WHEEL ACCESSORIES

<b>ODS/024-W</b> WELD ON <b>ODS/024/B</b> BOLT ON	<b>ODC0231 - 60MM SPACER</b> <b>ODC023171</b> BLACK <b>ODC023181</b> SILVER	<b>HUB KITS</b> STEERING WHEEL HUB KITS FOR WIDE VARIETY OF CARS - PLEASE CALL <b>OD/1960</b> HORN BUTTON	<b>CARBON BUTTON PLATES</b> <b>OD/2029</b> BUTTON PLATE (2) <b>OD/2026</b> BUTTON PLATE (4)	<b>HORN BUTTON</b> <b>OD/1960</b> HORN BUTTON

**RACETECH QUICK RELEASE COUPLINGS**

The very best available, often copied but never equalled. The original design splined quick release coupling to complete the steering wheel package. An exceptionally lightweight quality product, machined to exacting tolerances (sold with steering wheel attachment fitting kit). Slug material is EN3B, available with 52mm 3 bolt PCD or 70mm 6 bolt PCD. All couplings are available with a yellow anodised sleeve\* to conform to FIA regulations. Please add "Y" to part numbers below for a yellow sleeve (e.g. RTQ71Y).

PART NO:	DESCRIPTION
RTQ1	3/16" HOLES 2" PCD BOSS, 5/8" DIA. SLUG
RTQ2	3/16" HOLES 2" PCD BOSS, 3/4" DIA. SLUG
RTQ3	1/4" HOLES 2" PCD BOSS, 3/4" DIA. SLUG
RTQ4	1/4" HOLES 2" PCD BOSS, 5/8" DIA. SLUG
RTQ5	3/16" HOLES 2" PCD BOSS, 1" BLANK SLUG
RTQ6	1/4" HOLES 2" PCD BOSS, 1" BLANK SLUG
RTQ9	NO HOLES, FULL ROUND PLAIN BOSS, 3/4" SLUG
RTQ71	M5 HOLES 70MM PCD BOSS, 5/8" DIA. SLUG
RTQ72	M5 HOLES 70MM PCD BOSS, 3/4" DIA. SLUG
RTQ75	M5 HOLES 70MM PCD, BOSS 1" DIA. BLANK SLUG
RTQNY	GROUP N BOLT ON COUPLING 70MM PCD BOTH SIDES
RTQNY-3/4	GROUP N 70MM PCD BOSS, 3/4" DIA. SLUG

**RACETECH STEERING WHEELS**

Racetech steering wheels constructed from lightweight aluminium, with plain centres to suit any quick release coupling and with a quality, classic black finish.

PART NO	DESCRIPTION
RTSWBL	270MM ROUND, FLAT PLAIN CENTRE, BLACK LEATHER
RTSWBS	270MM ROUND, FLAT PLAIN CENTRE, BLACK SUEDE
RTSW2BL	300MM ROUND, FLAT PLAIN CENTRE, BLACK LEATHER
RTSW2BS	300MM ROUND, FLAT PLAIN CENTRE, BLACK SUEDE
RTSW3BL	330MM ROUND, FLAT PLAIN CENTRE, BLACK LEATHER
RTSW3BS	330MM ROUND, FLAT PLAIN CENTRE, BLACK SUEDE
RTSW4BL	330MM ROUND, 65MM DISHED 6 HOLE CENTRE, BLACK LEATHER, YELLOW STRIPE
RTSW4BS	330MM ROUND, 65MM DISHED 6 HOLE CENTRE, BLACK SUEDE, YELLOW STRIPE
RTSWD2BL	255MM D SHAPE, FLAT BOTTOM, PLAIN FLAT CENTRE, BLACK LEATHER
RTSWD2BS	255MM D SHAPE, FLAT BOTTOM, PLAIN FLAT CENTRE, BLACK SUEDE
RTSWD3BL	280MM D SHAPE, FLAT BOTTOM, PLAIN FLAT CENTRE, BLACK LEATHER
RTSWD3BS	280MM D SHAPE, FLAT BOTTOM, PLAIN FLAT CENTRE, BLACK SUEDE



RTSWD2B



RTSWD3B



RTSWB



RTSW2B



RTSW3B



RTSW4B

**STEERING WHEEL ACCESSORIES**

Covers - manufactured from elasticated fabric for steering wheels up to 350mm diameter to protect the steering wheel from dirty hands. Available in red, blue & black.

PART NO:	DESCRIPTION
MA400-0001	RED
MA400-0002	BLUE
MA400-0003	BLACK



MA400-0003

Adaptors – quick release coupling adaptor for 3 hole 52mm pcd couplings to 6 hole 70mm pcd steering wheels.

PART NO:	DESCRIPTION
QRA103	3 BOLT TO 6 BOLT QUICK RELEASE COUPLING ADAPTOR



\*MEETS FIA SPEC

**RACETECH SPRINGS**

3, 4, 5, 6, 7, 8, 9, 10, 10.5, 12, 14 and 16 inch springs.

A complete range of springs are now available with 1.9, 2, 2.25 and 2.5 inch inside diameters (I.D.). Metric inside diameters are also available to special order. These springs are computer designed, and rates range from 100lbs through to 2000lbs, heavier weights are available. Manufactured from a chrome vanadium steel, which is heat treated and shot peened, with a black powder coating finish as standard (other colours available to order). Our springs are fitted as original equipment by many constructors and race proved by many top teams as they provide a cost effective way of improving the cars performance.

RATE	FREE LENGTH						
	4"	5"	6"	7"	8"	9"	10.5"
150	RT4S150	RT5S150	RT6S150	RT7S150	RT8S150	RT9S150	RT10.5S150
170	RT4S170	RT5S170	RT6S170	RT7S170	RT8S170	RT9S170	RT10.5S170
180	RT4S180	RT5S180	RT6S180	RT7S180	RT8S180	RT9S180	RT10.5S180
200	RT4S200	RT5S200	RT6S200	RT7S200	RT8S200	RT9S200	RT10.5S200
225	RT4S225	RT5S225	RT6S225	RT7S225	RT8S225	RT9S225	RT10.5S225
250	RT4S250	RT5S250	RT6S250	RT7S250	RT8S250	RT9S250	RT10.5S250
275	RT4S275	RT5S275	RT6S275	RT7S275	RT8S275	RT9S275	RT10.5S275
300	RT4S300	RT5S300	RT6S300	RT7S300	RT8S300	RT9S300	RT10.5S300
325	RT4S325	RT5S325	RT6S325	RT7S325	RT8S325	RT9S325	RT10.5S325
350	RT4S350	RT5S350	RT6S350	RT7S350	RT8S350	RT9S350	RT10.5S350
375	RT4S375	RT5S375	RT6S375	RT7S375	RT8S375	RT9S375	RT10.5S375
400	RT4S400	RT5S400	RT6S400	RT7S400	RT8S400	RT9S400	RT10.5S400
425	RT4S425	RT5S425	RT6S425	RT7S425	RT8S425	RT9S425	RT10.5S425
450	RT4S450	RT5S450	RT6S450	RT7S450	RT8S450	RT9S450	RT10.5S450
475	RT4S475	RT5S475	RT6S475	RT7S475	RT8S475	RT9S475	RT10.5S475
500	RT4S500	RT5S500	RT6S500	RT7S500	RT8S500	RT9S500	RT10.5S500
525	RT4S525	RT5S525	RT6S525	RT7S525	RT8S525	RT9S525	RT10.5S525
550	RT4S550	RT5S550	RT6S550	RT7S550	RT8S550	RT9S550	RT10.5S550
575	RT4S575	RT5S575	RT6S575	RT7S575	RT8S575	RT9S575	RT10.5S575
600	RT4S600	RT5S600	RT6S600	RT7S600	RT8S600	RT9S600	RT10.5S600
625	RT4S625	RT5S625	RT6S625	RT7S625	RT8S625	RT9S625	RT10.5S625
650	RT4S650	RT5S650	RT6S650	RT7S650	RT8S650	RT9S650	RT10.5S650
675	RT4S675	RT5S675	RT6S675	RT7S675	RT8S675	RT9S675	RT10.5S675
700	RT4S700	RT5S700	RT6S700	RT7S700	RT8S700	RT9S700	RT10.5S700
725	RT4S725	RT5S725	RT6S725	RT7S725	RT8S725	RT9S725	RT10.5S725
750	RT4S750	RT5S750	RT6S750	RT7S750	RT8S750	RT9S750	RT10.5S750
775	RT4S775	RT5S775	RT6S775	RT7S775	RT8S775	RT9S775	RT10.5S775
800	RT4S800	RT5S800	RT6S800	RT7S800	RT8S800	RT9S800	RT10.5S800
850	RT4S850	RT5S850	RT6S850	RT7S850	RT8S850	RT9S850	RT10.5S850
900	RT4S900	RT5S900	RT6S900	RT7S900	RT8S900	RT9S900	RT10.5S900
950	RT4S950	RT5S950	RT6S950	RT7S950	RT8S950	RT9S950	RT10.5S950
1000	RT4S1000	RT5S1000	RT6S1000	RT7S1000	RT8S1000	RT9S1000	RT10.5S1000
1050	RT4S1050	RT5S1050	RT6S1050	RT7S1050	RT8S1050	RT9S1050	RT10.5S1050
1100	RT4S1100	RT5S1100	RT6S1100	RT7S1100	RT8S1100	RT9S1100	RT10.5S1100
1150	RT4S1150	RT5S1150	RT6S1150	RT7S1150	RT8S1150	RT9S1150	RT10.5S1150
1200	RT4S1200	RT5S1200	RT6S1200	RT7S1200	RT8S1200	RT9S1200	RT10.5S1200
1250	RT4S1250	RT5S1250	RT6S1250	RT7S1250	RT8S1250	RT9S1250	RT10.5S1250
1300	RT4S1300	RT5S1300	RT6S1300	RT7S1300	RT8S1300	RT9S1300	RT10.5S1300
1350	RT4S1350	RT5S1350	RT6S1350	RT7S1350	RT8S1350	RT9S1350	RT10.5S1350
1400	RT4S1400	RT5S1400	RT6S1400	RT7S1400	RT8S1400	RT9S1400	RT10.5S1400
1500	RT4S1500	RT5S1500	RT6S1500	RT7S1500	RT8S1500	RT9S1500	RT10.5S1500

THIS TABLE IS AN EXAMPLE OF 2.25" I.D. RATES AND LENGTHS AVAILABLE. FOR DIFFERENT I.D.S, ADD THE I.D. TO THE PART NO. FOR EXAMPLE: RT6S3001.9 (6" LENGTH, 300LB RATE, 1.9" I.D.).



**HELPER SPRINGS**

All Helper Springs are manufactured in Chrome Vanadium spring steel. Free lengths available are 2" and 4" Internal diameters available 1.9"/2.0", 2.25" and 2.5". Rates available 4lbs to 450lbs. Other lengths, rates or diameters may be available, depending on customer requirements. Spring seats for fitting helper springs are also available.



**RACING SPRINGS**

Eibach uses the world's finest Hi-Ten spring steel, produced to exceedingly high tolerances. Eibach offers a wide range of spring options that will suit motorsport or performance vehicles. Please contact Raceparts for further information.





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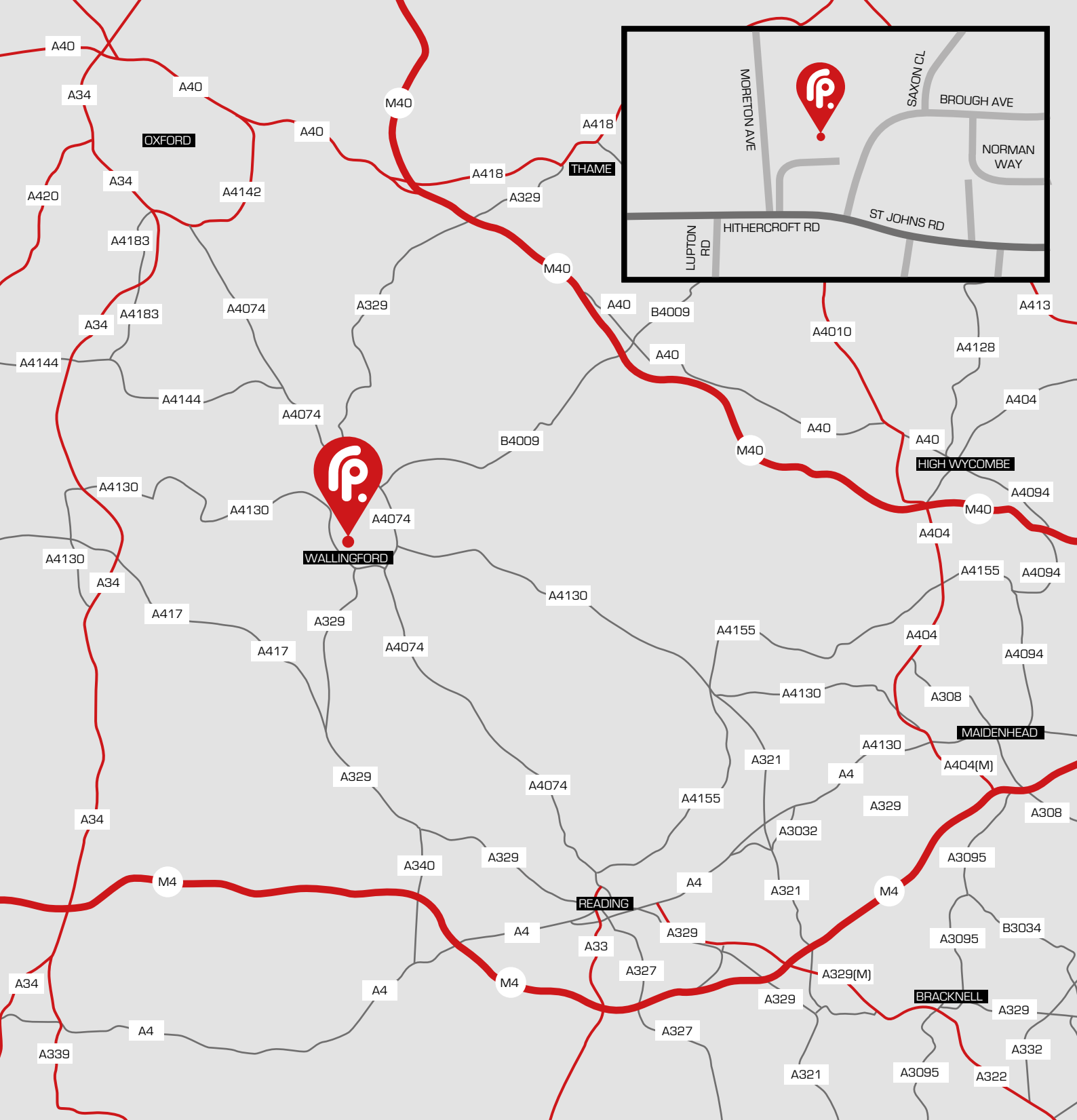
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