

PISTONS AND RINGS - ARIEL

23 October 2008 - amended 8th November 2008

Hepolite numbers in Yellow= Standard Stock Item

in **Turquoise** = Some NOS available

Heoplite ring set numbers are prefixed 'R'

Split skirt is the non-thrust face, i.e. faces forward.

The lower the Hepolite number the earlier the bike

Order of entries is:- Number of cylinders then by engine size then by compression ratio (c.r.)

All dimensions in inches unless stated otherwise

If there is 'Y' in the 'Fit Orig' column, these rings fit the OE pistons but there may be more than one set to choose from! 'N' means that these rings do not fit original pistons, however if the cell is blank, information is not available.

Machine			Piston				Gudgeon		Rings									Fit Orig?
Model	Year	Bore	c.r.	Hepolite Number	O.E.	Comp Hght	Lgth	dia	lgth	Hepolite Number	Welworthy Number	Comp rings			Oil ring			
												Qty	Hgt	Depth	Qty	Hgt	Depth	
Pixie and Ariel 3																		
Pixie	63-65	38.9	8.35	16282		1.03	1.10	.437		18460		2	3/64	.065	1	3/32	.065	Y
Ariel 333	70-72	40	7	18676		1.12	1.10	.742		24990		2	.060	.067	0			Y
200 & 250 Colts LB/LF/LG/LH/OG/OH																		
LB	29-32	65		1948		1.12	2.75	.750	2.25			2	3/32		0			
LB	29-32	65		3830		1.12	2.75	.750	2.07			2	3/32		0			
LF,LG	29-32	65	5.4	1950		1.25	2.67	.750	2.25			2	3/32		0			
LF,LG	29-32	65	High	2869		1.40	2.84	.750	2.25			2	3/32		0			
LF,LG	29-32	65		4112		1.25	2.67	.750	2.18			2	3/32		0			
LF,LG	29-32	65		2799		1.75	3.25	.750				2	1/16					
LG, LH, OG, OH	34-40	61	6	5613		1.37	2.78	.812	2.0			2	1/16		0			
LG, LH, OG, OH	34-40	61	7	4489		1.47	2.84	.812	2.0			2	1/16		0			
LH	54-58	60	7.5	12252		1.57	2.77	.625		5630	M84	2	1/16	.097	1	1/8	.097	Y
LH (split skirt)	54-58	60	7.5	15676		1.57	2.77	.625		5630	M84	2	1/16	.097	1	1/8	.097	Y
350 Inclined MB/MF/MH																		
MB, MF	31-32	72		3081	1664-31	1.25	2.62	.750	2.22	4870	M120	3	1/16	.104	0			
MH	31-32	72	7		1676-32					4870	M120	3	1/16	.104	0			
350 NF/NG/NH																		
NF, NG, NH	33-58	72		4104		1.62	3.00	.812	2.37	4870	M120	3	1/16	.104	0			Y
NF, NG, NH	33-58	72	6.2	9141		1.72	3.16	.812	2.37	4870	M120	3	1/16	.104	0			Y
NF, NG, NH	33-58	72	6.2	11210		1.72	3.16	.812	2.37	3560	M2	2	1/16	.100	1	1/8	.094	Y
NF, NG, NH (JP pistons)	33-58	72	6.2	11210		1.72	3.16	.812	2.37	3560JP		2	1/16	.130	1	5/32	.125	N
NF, NG, NH (GPM pistons)	33-58	72	6.2	11210		1.72	3.16	.812	2.37	3560-90		2	1/16	.106	1	5/32	.118	N
NF, NG, NH	33-58	72	7.5	4469		1.81	3.25	.812	2.37	4870	M120	3	1/16	.104	0			Y
NF, NG, NH	33-58	72	7.5	10431		1.80	3.27	.812	2.37	3560	M2	2	1/16	.100	1	1/8	.094	Y
NF, NG, NH	33-58	72	8	11548		1.91	3.34	.812	2.37	3560	M2	2	1/16	.100	1	1/8	.094	Y
NF, NG, NH	33-58	72	8.5	12745		1.94	3.35	.812	2.37	3560	M2	2	1/16	.100	1	1/8	.094	Y
NF, NG, NH	33-58	72	10.5	11568		2.25	3.69	.812	2.37	3560	M2	2	1/16	.100	1	1/8	.094	Y
NF, NG, NH	33-58	72		3739		1.72	3.16	.812	2.37	4870	M120	3	1/16	.104	0			Y

Machine			Piston					Gudgeon		Rings								
Model	Year	Bore	c.r.	Hepolite Number	O.E.	Comp Hght	Lgth	dia	lgth	Hepolite Number	Welworthy Number	Comp rings			Oil ring			Fit
												Qty	Hgt	Depth	Qty	Hgt	Depth	Orig?
500/557 'Black Ariels' A/B/C/D/E/F/G and 1931 VF																		
A, B	26-27	86.4		1709		1.56	3.0	.750	3.12			2	1/8		0			
A, B	26-27	86.4	High	8734		1.67		.750	3.12			2	1/8		0			
C, D	26-27	81.8		2197		1.25	2.69	.750	2.95			2	1/8	.112	0			
E	27	81.8	7.5	1719		1.75	3.09	.750	2.95			2	1/8	.112	0			
A, B	28-31	86.4		1109		1.56	3.19	1.0	2.97			2	1/8		0			
E	28	81.8		1110		1.75	3.37	1.0	2.81			2	1/8	.112	0			
C, D, F, G, VF	28-31	81.8		1111		1.25	2.69	1.0	2.81			2	1/8		0			
C, D, F, G, VF	28-31	81.8		4950		1.31	2.94	1.0	2.81			2	1/8		0			
C, D, F, G, VF	28-31	81.8		1951		1.75	3.37	1.0	2.81			2	3/32		0			
500 ohv Slopers SF and SG, early VH with 86.4 mm bore and 1932 VG																		
SF, SG, VH, 1932 VG	31-34	86.4	6.2	2858		1.69	3.22	.812	2.94			2	1/8					
SF, SG, VH, 1932 VG	31-34	86.4	6.2	2880		1.69	3.22	.812	2.94	3580	M52	3	1/16	.120	0			Y
SF, SG, VH, 1932 VG	31-34	86.4	6	4173		1.69	3.12	.812	2.75	3580	M52	3	1/16	.120	0			Y
SF, SG, VH, 1932 VG	31-34	86.4	7.5	4136		2.0	3.44	.812	2.94	3580	M52	3	1/16	.120	0			Y
SF, SG, VH, 1932 VG	31-34	86.4	High	3511		2.19	3.75	.812	2.94	3580	M52	3	1/16	.120	0			Y
550/600 Assorted side valve VB, SB and VA																		
VA	39-40	81.8		8614		1.94	3.44	.812	2.69			3	1/16		0			
VB, SB, VA	31-58	86.4	7	5631		1.95	3.45	.812	3.0	3580	M52	3	1/16	.120	0			Y
VB, SB, VA	31-58	86.4	7	11327		1.95	3.45	.812	3.0	3592	M70	2	1/16	.125	1	1/8	.129	N
VB, SB, VA	31-58	86.4	7			1.95	3.45	.812	3.0	3590	M70	2	1/16	.120	1	1/8	.127	Y
VB, SB, VA (JP piston)	31-58	86.4	7	11327		1.95	3.45	.812	3.0	3590JP		2	1/16	.142	1	4mm	.147	N
VB, SB, VA (GPM piston)	31-58	86.4	7	11327		1.95	3.45	.812	3.0	11327		2			1			N
500 VG/VF/VH																		
VG, VF, VH	35-58	81.8	6	5056		1.25	2.75	.812	2.69	3600	M4	2	1/16	.114	1	1/8	.118	
VG, VF, VH	35-58	81.8	6	13316		1.25	2.75	.812	2.69	8550		2	1/16	.131	1	1/8	.131	
VG, VF, VH	35-58	81.8	6	11497		1.25	2.75	.812	2.69	3600	M4	2	1/16	.114	1	1/8	.118	Y
VG, VF, VH	35-58	81.8	6.3	10793		1.44	3.06	.812	2.69	17830	M4	2	1/16	.110	1	1/8	.110	Y
VG, VF, VH	35-58	81.8	7	13246		1.49	3.12	.812	2.69	8550		2	1/16	.131	1	1/8	.131	
VG, VF, VH	35-58	81.8	7.5	5045		1.37	2.87	.812	2.69	3600	M4	2	1/16	.114	1	1/8	.118	Y
VG, VF, VH	35-58	81.8	7.5	5627		1.37	2.75	.812	2.69	3600	M4	2	1/16	.114	1	1/8	.118	Y
VG, VF, VH	35-58	81.8	7.5	10177		1.37		.812	2.69			3	1/16		0			
VG, VF, VH	35-58	81.8	7.5	10503		1.37	2.75	.812	2.69	3600	M4	2	1/16	.114	1	1/8	.118	Y
VG, VF, VH (JP piston)	35-58	81.8	7.5	10503		1.37	2.75	.812	2.69	10503		2	1/16	.135	1	1/8	.144	N
VG, VF, VH	35-58	81.8	8	11853		1.60	3.10	.812	2.69			2			1			
VG, VF, VH	35-58	81.8	9	12488		1.75	3.25	.812	2.69	10850	M4	2	1/16	.131	1	1/8	.131	Y
VG, VF, VH (JP piston)	35-58	81.8	9	12488		1.75	3.25	.812	2.69	10503		2	1/16	.136	1	1/8	.130	N
VG, VF, VH (PHC piston)	35-58	81.8	9	12488		1.75	3.25	.812	2.69	12488PHC		2	1/16	.125	1	.155	.125	N
VG, VF, VH	35-58	81.8		13339				.812	2.69	8550		2	1/16	.131	1	1/8	.131	

Machine			Piston					Gudgeon		Rings									Fit Orig?
Model	Year	Bore	c.r.	Hepolite Number	O.E.	Comp Hght	Lgth	dia	lgth	Hepolite Number	Welworthy Number	Comp rings			Oil ring				
												Qty	Hgt	Depth	Qty	Hgt	Depth		
200/250 Arrow and Leader																			
Leader/Arrow	58-65	54	10	14154	T18	1.29	2.73	.600		11280	T18	2	1/16	.088	0			Y	
Leader/Arrow	58-65	54	10	16387		1.29	2.73	.600		11280		2	1/16	.088	0			Y	
Sports Arrow, Dykes rings	61-65	54	10	15721		1.29	2.73	.600		16220Y		2	1/16	.088	0			N	
Sports Arrow, Dykes rings	61-65	54	10	16388		1.29	2.73	.600		16220Y		2	1/16	.088	0			N	
Sports Arrow, Dykes rings	61-65	54	10	18550		1.29	2.73	.600		16220Y		2	1/16	.088	0			N	
500 KG/KH/KHA																			
KG, KH, KHA	48-57	63	6.8	10597		1.38	2.69	.687	2.185	3570	M3	2	1/16	.091	1	1/8	.089	Y	
KG, KH, KHA (split skirt)	48-57	63	6.8	10930		1.38	2.69	.687	2.185	3570	M3	2	1/16	.091	1	1/8	.089	Y	
KG, KH, KHA	48-57	63	7.5	12410		1.47	2.47	.687	2.185	3570	M3	2	1/16	.091	1	1/8	.089	Y	
KG, KH, KHA (GPM Triumph pist)	48-57	63	6.8	11563		1.38	2.75	.687	2.185	3570-90		2	1/16	.085	1	1/8	.104	N	
650 FH and A10																			
FH, A10 (split skirt)	50-62	70	6.5	11016	67-423/5/7	1.32	2.57	.750		3650	M118	2	1/16	.120	1	1/8	.105	Y	
FH, A10	50-62	70	6.5		67-304/6/8	1.32	2.57	.750		3650	M118	2	1/16	.120	1	1/8	.105	Y	
FH, A10	50-62	70	7.25	11062	67-365/7/9	1.36	2.60	.750		3650	M118	2	1/16	.120	1	1/8	.105	Y	
FH, A10	50-62	70	7.25	11062	67-429/31/2	1.36	2.60	.750		3650	M118	2	1/16	.120	1	1/8	.105	Y	
FH, A10	50-62	70	7.25	11062	67-1416/8/20	1.36	2.60	.750		3650	M118	2	1/16	.120	1	1/8	.105	Y	
FH, A10	50-62	70	8	11431	67-572/4/6	1.42	2.66	.750		3650	M118	2	1/16	.120	1	1/8	.105	Y	
FH, A10	50-62	70	8.26		67-1370/2/4					3650	M118	2	1/16	.120	1	1/8	.105	Y	
FH, A10	50-62	70	8.26		67-1601/3/5					3650	M118	2	1/16	.120	1	1/8	.105	Y	
FH, A10	50-62	70	8.5	11787	67-594/6/8	1.50	2.75	.750		3650	M118	2	1/16	.120	1	1/8	.105	Y	
FH, A10	50-62	70	8.5	11164		1.50	2.75	.750		3650	M118	2	1/16	.120	1	1/8	.105	Y	
FH, A10	50-62	70	8.75		67-1552/4/6					3650	M118	2	1/16	.120	1	1/8	.105	Y	
FH, A10	50-62	70	9	11412	67-545/7/9	1.70	2.94	.750		3650	M118	2	1/16	.120	1	1/8	.105	Y	
FH, A10	50-62	70	10.5	15638		1.91	3.14	.750		15842		2	1/16	.112	1	1/8	.112	N	
FH, A10	50-62	70	10.5	18529		1.91	3.14	.750		3650	M118	2	1/16	.120	1	1/8	.105	Y	
FH, A10	50-62	70	14		67-551/3/5														
500/600/1000 Square Four 4F/4G/4H																			
4F 500 ohc	31-32	50.8		3094		1.09	2.09	.625	1.69			2	1/16		0				
4F 600 ohc	32-37	55.8	5.8	4162		1.06	2.06	.625	1.72			1	1/16		1	1/8			
4F 600 ohv	39-40	50.4		8167		1.19	2.63	.688	1.656			2	1/16		1	1/8			
4G, MKI	37-52	65	5.8	7188	1662-47/9	1.18	2.44	.688	2.185	3610	M5	2	1/16	.088	1	1/8	.088	Y	
4G, MKI	37-52	65	5.8	12946	1666-49	1.34	2.97	.688	2.185	3610	M5	2	1/16	.088	1	1/8	.088	Y	
4G, MKI	37-52	65	5.8	7241		1.31	2.94	.688	2.185	3610	M5	2	1/16	.088	1	1/8	.088	Y	
4G, MKI	37-52	65	5.8	7093		1.34	2.97	.688	2.185	3610	M5	2	1/16	.088	1	1/8	.088	Y	
MKII	53-58	65	6.7	11856		1.25	2.75	.688	2.185	6030	M103	2	1/16	.105	1	1/8	.105	Y	
MKII (offset pin, arrow to cam)	53-58	65	6.7	12487	1666-53/5	1.38	2.88	.688	2.185	6030	M103	2	1/16	.105	1	1/8	.105	Y	
MKII	53-58	65	6.7	12435		1.38	2.88	.688	2.185	6030	M103	2	1/16	.105	1	1/8	.105	Y	
MKII (MG piston)	53-58	65	6.7	18516		1.37	2.62	.625											

PISTONS AND RINGS - BSA

23 October 2008 - amended 8th November 2008

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in **Turquoise** = Some NOS available

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Split skirt is the non-thrust face, i.e. faces forward.

The lower the Hepolite number the earlier the bike

Order of entries is:- Alphabetical by group letter then by engine size then by compression ratio (c.r.) All dimensions in inches unless stated otherwise

If there is 'Y' in the 'Fit Orig' column, these rings fit the OE pistons but there may be more than one set to choose from! 'N' means that these rings do not

Machine			Piston					Gudgeon		Rings								Fit Orig?
Model	Year	Bore	c.r.	Hepolite Number	O.E.	Comp Hght	Lgth	dia	lgth	Hepolite Number	Welworthy Number	Comp rings			Oil ring			
												Qty	Hgt	Depth	Qty	Hgt	Depth	
Miscellaneous small stuff																		
Beagle				16283						18470		2	3/64	.073	1	3/32	.073	Y
W1 (Wheel with wings)	53-56	36		12348		.75	1.63	.375		5480		2	1/16		0			Y
Dandy	56-61	45.5		13191	64-40/2/4	1.22	2.35	.438		7720	M169	2	3/32	.073	0			Y
X0	34-36	52	7	4556		1.31	2.69	.625				2	2mm		1	4mm		
B2 Sunbeam & Tigress Scooters	59-63	56	6.4	14588		1.09	2.62	.562		11760		2	1/16	.092	1	3/32	.092	Y
B3	34	60	7.2	4429		1.31	2.56	.625					1.5		0			
Beeza Scooter	57	66	5.5	12834		1.17	2.17	.562		7580		2	1/16		2	1/8		
F15 Industrial, 150cc		65								24170		3	1/16	.105	1	1/8	.105	Y
A Group 500cc 62 and 66mm bore - A7 and A50 twins																		
A7 long Stroke	47-50	62	6.6	11150	67-195/7/9	1.24	2.49	.687	2.04	3630	M66	2	1/16	.108	1	1/8	.093	
A7 short stroke	51-62	66	6.6	11094	67-160/2/4	1.57	2.63	.687	2.20	4550	M12	2	1/16	.113	1	1/8	.099	Y
A7 long Stroke	47-50	62	7	10030	67-81/3/5	1.31	2.56	.687	2.04	3630	M66	2	1/16	.108	1	1/8	.093	
A7 short stroke	51-62	66	7.25	11288	67-1422/67-466/67-533 etc	1.63	2.69	.687	2.20	4550	M12	2	1/16	.113	1	1/8	.099	Y
A7 long Stroke	47-50	62	7.5	10739	67-103/5/7	1.38	2.62	.687	2.04	3630	M66	2	1/16	.108	1	1/8	.093	
A7 short stroke	51-62	66	8	11603	67-566/67-1442	1.71	2.77	.687	2.20	4550	M12	2	1/16	.113	1	1/8	.099	Y
A7 short stroke	51-62	66	8.5		67-1558/60/2			.687	2.20	4550	M12	2	1/16	.113	1	1/8	.099	Y
A7 long Stroke	47-50	62	8.6	12502	67-93/5/7	1.56	2.81	.687	2.04	3630	M66	2	1/16	.108	1	1/8	.093	
A7 short stroke	51-62	66	9.5	12058		1.95	3.02	.687	2.20	4550	M12	2	1/16	.113	1	1/8	.099	Y
A50	62-70	65.5	7.25		68-266/8/70													
A50	62-70	65.5	7.5	15934		1.47	2.76	.750	2.375	17360		2	1/16	.105	1	1/8	.105	Y
A50	62-70	65.5	8.5		68-453													
A50	62-70	65.5	9		68-434/6/8			.750	2.375	17360		2	1/16	.105	1	1/8	.105	Y
A50	62-70	65.5	10		68-505													
A Group 650cc - 75mm bore - A65twins (For A10 see Ariel FH)																		
A65	62-72	75	7.25		68-250/2/4					17350	Or 21710	2	1/16	.121	1	1/8	.121	Y
A65	62-72	75	7.5	15933		1.69	2.98	.750		17350	Or 21710	2	1/16	.121	1	1/8	.121	Y
A65	62-72	75	7.5	17063	68-819/20/21					17350	Or 21710	2	1/16	.121	1	1/8	.121	Y
A65	62-72	75	8		68-427					17350	Or 21710	2	1/16	.121	1	1/8	.121	Y
A65	62-72	75	9	19233	68-484/6/8	1.91	3.19	.750		17350	Or 21710	2	1/16	.121	1	1/8	.121	Y
A65	62-72	75	9		68-749 etc					17350	Or 21710	2	1/16	.121	1	1/8	.121	Y
A65	62-72	75	10		68-891					17350	Or 21710	2	1/16	.121	1	1/8	.121	Y
A65	62-72	75	10.5		68-742					17350	Or 21710	2	1/16	.121	1	1/8	.121	Y
A65	62-72	75	11		68-568					17350	Or 21710	2	1/16	.121	1	1/8	.121	Y

Machine			Piston					Gudgeon		Rings								
Model	Year	Bore	c.r.	Hepolite Number	O.E.	Comp Hght	Lgth	dia	lgth	Hepolite Number	Welworthy Number	Comp rings			Oil ring			Fit Orig?
												Qty	Hgt	Depth	Qty	Hgt	Depth	
A Group 750cc - 67mm bore - A75 triple Rocket 3																		
A75	68-72	67	9	19916		1.53	2.61	.688	2.250	23020		2	1/16	.108	1	1/8	.146	Y
A75	68-72	67	11	19917		1.78	2.86	.688	2.250	23020		2	1/16	.108	1	1/8	.146	Y
B1	58-66	61.5		14178		1.27	2.46	.562	1.813	10940		2	3/32	.082	0			Y
B1	58-66	61.5	7.5	17293	90-1459	1.27	2.46	.562	or 2.125	19350		3	3/32	.082	0			Y
B Group 250 (pre-war) - 63 mm bore																		
B1, 2, 3, 4	30-35	63		3653														
B1	33-36	63	5.2	7151						3640	M8	2	1/16	.091	1	1/8	.097	Y
B2, 3, 18	35-36	63	6.0	7151						3640	M8	2	1/16	.091	1	1/8	.097	Y
B21 ohv	37-39	63		7149		1.0	2.37	.625	2.29	3640	M8	2	1/16	.091	1	1/8	.097	Y
B1, 2, 20, 18 ohv	33-39	63		7150	65-383	1.0	2.38	.625	2.29	3640	M8	2	1/16	.091	1	1/8	.097	Y
B sv	24-31	63		917		1.09	2.67	.625	2.29			3	3/32		0			
B1, 2, 3, 4 ohv	30-34	63		2725		1.18	2.78	.625	2.29			2	3/32		0			
B2, 3, 18 ohv	35-36	63		5338		1.18	2.56	.625	2.29			2	1/16		1	5/32		
B22 ohv	37-39	63		7131		1.18	2.56	.625	2.29	3640	M8	2	1/16	.091	1	1/8	.097	Y
?	24-31	63		4403		1.25		.625	2.29			2			2			
?		63		4540	29-2274 etc	1.31		.625	2.29									
B1, 2, 3, 4 ohv	30-34	63		4963		1.44	2.81	.625	2.29			2	2mm		0			
B		63		13029		1.83	3.23	.625	2.29	3640	M8	2	1/16	.091	1	1/8	.097	Y
B Group 250 (Unit) - 67mm bore - B25																		
C25, B25	67-71	67	9.5	16945	40-970/2/4	1.38	2.57	.689	2.155	23010		2	1/16	.108	1	5/32	.108	Y
B25	67-71	67	10	16945	40-970/2/4	1.38	2.57	.689	2.155	23010		2	1/16	.108	1	5/32	.108	Y
B25	67-71	67	10	17322		1.38	2.57	.689	2.155	23010		2	1/16	.108	1	5/32	.108	Y
B Group 350cc (pre-unit) - 71mm bore																		
B23, 26, 30	35-41	71	6	5651		1.16	2.91	.750	2.55	3660		2	3/32	.101	1	1/8	.105	Y
B31, 32	46-60	71	6	5651		1.16	2.91	.750	2.55	3660		2	3/32	.101	1	1/8	.105	Y
B23	37-39	71		7094		1.16	2.91	.750	2.55			2	1.5mm		1	1/8		
B20	37-38	71		7132		1.16	2.91	.750	2.55			2	1.5mm		1	1/8		
B		71		9231		1.16	2.85											
B		71		10962	65-1679 etc	1.16	2.91	.750	2.55	3660		2	3/32	.101	1	1/8	.105	Y
B23, 26, 30	35-41	71	6.5	15504	65-809/11/13	1.16	2.84	.750	2.55	3660		2	3/32	.101	1	1/8	.105	Y
B31, 32	46-60	71	6.5	15504	65-809/11/13	1.16	2.84	.750	2.55	3660		2	3/32	.101	1	1/8	.105	Y
B32	54-59	71	6.5	13165	65-703	1.28	2.33	.750	2.55	7400		2	1/16	.121	1	1/8	.106	Y
B23, 26, 30	35-41	71	9	11813		1.40	2.93	.750	2.55	4530		2	3/32	.115	1	1/8	.106	Y
B31, 32	46-60	71	9	11813		1.40	2.93	.750	2.55	4530		2	3/32	.115	1	1/8	.106	Y
B24, 25	37-39	71		7123		1.41	3.16	.750	2.55			2	1.5mm		1	1/8		
B		71	8	13143		1.44	2.72	.750	2.55	7400		2	1/16	.121	1	1/8	.106	Y
B		71	7.5	8317		1.45	2.75	.750	2.55	3660/4530								
B32	54-59	71	8.2	13104		1.45	2.49	.750	2.55	7400		2	1/16	.121	1	1/8	.106	Y
B24, 25, 29	37-40	71	7.5	7878		1.47	3.22	.750	2.55			2	1.5mm		1	1/8		
B		71	7.75	10478		1.50	3.03	.750	2.55	7400		2	1/16	.121	1	1/8	.106	Y

Machine			Piston					Gudgeon		Rings								
Model	Year	Bore	c.r.	Hepolite Number	O.E.	Comp Hght	Lgth	dia	lgth	Hepolite Number	Welworthy Number	Comp rings			Oil ring			Fit
												Qty	Hgt	Depth	Qty	Hgt	Depth	Orig?
B		71	9	13086		1.56	2.84	.750	2.55	7400		2	1/16	.121	1	1/8	.106	Y
B32	54-59	71	9	13090		1.57	2.61	.750	2.55	7400		2	1/16	.121	1	1/8	.106	Y
B23, 26, 30	35-41	71	6.5	9939	65-754/5/6	1.63	3.63	.750	2.55	4530		2	3/32	.115	1	1/8	.106	Y
B31, 32	46-60	71	6.5	9939	65-754/5/6	1.63	3.63	.750	2.55	4530		2	3/32	.115	1	1/8	.106	Y
B32	54-59	71	10	13774		1.70	2.75	.750	2.55	7400		2	1/16	.121	1	1/8	.106	Y
B		71	12.5	10393		1.75	3.28	.750	2.55	4530		2	3/32	.115	1	1/8	.106	Y
B Group 350 (unit) - 79mm bore - B40 and B44																		
B44	65-70	79								22610		2	1/16		1	1/8		
B40/44	61-65	79	7	15544		1.61	2.89	.750		15492		2	1/16	.127	1	5/32	.127	N
B40/44	61-65	79		16014				.750		15492		2	1/16	.127	1	5/32	.127	N
B40/44	61-65	79	8.1		41-250/2/4			.750		15490		2	1/16	.127	1	1/8	.127	Y
B40/44	61-65	79	8.75	16687		1.80	3.06	.750		15492		2	1/16	.127	1	5/32	.127	N
B44	65-70	79	9.4	17791	41-793/5/7	1.66	2.93	.750		15492		2	1/16	.127	1	5/32	.127	N
B Group 500 (pre-unit) - 85mm bore - B33, 34 and M33																		
Long con-rod (66-482), 1947-52 but fitted to all years of B34																		
B33, 34, M33	47-52	85	5.75	10852		1.22	2.91	.750		3680	M361,60,123	2	3/32	.145	1	5/32	.125	Y
B33, 34, M33	47-52	85	6.8	11341	65-1244/60/62	1.22	2.91	.750		3680	M361,60,123	2	3/32	.145	1	5/32	.125	Y
B34	54-62	85	7.25	12804		1.47	2.66	.750		7700		2	1/16	.145	1	5/32	.125	Y
B33, 34, M33	47-52	85	7.5	11342		1.40	2.09	.750		3680	M361,60,123	2	3/32	.145	1	5/32	.125	Y
B34	54-62	85	7.5		65-1264/6/8													
B34	54-62	85	8	13109		1.56	2.75	.750		7700		2	1/16	.145	1	5/32	.125	Y
B33, 34, M33	47-52	85	8.5	12010	Split skirt	1.40	2.09	.750		3680	M361,60,123	2	3/32	.145	1	5/32	.125	Y
B33, 34, M33	47-52	85	8.5	10477	Solid skirt	1.40	2.09	.750		3680	M361,60,123	2	3/32	.145	1	5/32	.125	Y
B34	54-62	85	8.5	13012		1.60	2.79	.750		7700		2	1/16	.145	1	5/32	.125	Y
B34	54-62	85	9	13052		1.70	2.89	.750		7700		2	1/16	.145	1	5/32	.125	Y
B34	54-62	85	9	18527		1.70	2.89	.750		7700		2	1/16	.145	1	5/32	.125	Y
B33, 34, M33	47-52	85	11	10897		1.40	2.09	.750		3680	M361,60,123	2	3/32	.145	1	5/32	.125	Y
B34	54-62	85								9100		1	1/16		1	3/32	1x5/3	
Short con-rod (65-1613), not B34																		
B33, M33	52-60	85	6.5	11788	65-1692/4/6	1.69	2.98	.750		3680	M361,60,123	2	3/32	.145	1	5/32	.125	Y
B33, M33	52-60	85	7.5	11744	65-1660/2/4	1.89	3.18	.750		3680	M361,60,123	2	3/32	.145	1	5/32	.125	Y
B33, M33	52-60	85	8.5	12279		2.02	3.31	.750		3680	M361,60,123	2	3/32	.145	1	5/32	.125	Y
B Group 500 - 84mm bore - B50																		
B50	71-72	84	10	19257	71-2475/49/51	1.82	3.00	.750		26510		2	1/16	.135	1	5/32	.145	Y
C Group 250 (pre-unit) - 63 and 71mm bore - C10, 10L, 11, 11G, 12																		
C12	35-41	71	6	5651		1.16	2.91	.750	2.55	3660		2	3/32	.101	1	1/8	.105	Y
C12	35-41	71	6.5	15504	65-809/11/13	1.16	2.84	.750	2.55	3660		2	3/32	.101	1	1/8	.105	Y
C12	35-41	71	6.5	9939	65-754/5/6	1.63	3.63	.750	2.55	4530		2	3/32	.115	1	1/8	.106	Y
C12	35-41	71	9	11813		1.40	2.93	.750	2.55	4530		2	3/32	.115	1	1/8	.106	Y
C11, 11G, 12	39-58	63		8267	29-2274 etc	1.19	2.50	.625	2.29	3640	M8	2	1/16	.091	1	1/8	.097	Y
C10, 10L	39-57	63		7150	65-383	1.0	2.38	.625	2.29	3640	M8	2	1/16	.091	1	1/8	.097	Y
?	24-31	63		4403		1.25		.625	2.29			2			2			

Machine			Piston					Gudgeon		Rings								Fit Orig?
Model	Year	Bore	c.r.	Hepolite Number	O.E.	Comp Hght	Lgth	dia	lgth	Hepolite Number	Welworthy Number	Comp rings			Oil ring			
												Qty	Hgt	Depth	Qty	Hgt	Depth	
?		63		4540	29-2274 etc	1.31		.625	2.29									
C Group (unit) - 67mm bore - C15 and C25																		
C15	59-67	67	8.75		40-637/9/40			.687	1.985									
C15, C25	59-67	67	8		40-630/2/4			.687	1.985			2			1		Y	
C15	59-67	67	7.5	15137	40-258/60/62	1.42	2.64	.687	1.985	11640		2	1/16	.108	1	1/8	.108	Y
C15	59-67	67	10	15305	40-258/60/62	1.64	2.86	.687	1.985	11640		2	1/16	.108	1	1/8	.108	Y
C15	59-67	67	6.5	15417		1.32	2.54	.687	1.985	11640		2	1/16	.108	1	1/8	.108	Y
C25, B25	67-71	67	9.5	16945	40-970/2/4	1.38	2.57	.689	2.155	23010		2	1/16	.108	1	5/32	.108	Y
C15	59-67	67	10.5	17284		1.50	2.68	.687	1.985	21800		2	3/64	.108	1	1/8	.108	Y
Bantam																		
D1	47-63	52		10399	90-8	1.45	2.64	.469		3620	M7	2	3/32	.081	0		Y	
D3	54-57	57		12543	90-79/80/2/4	1.38	2.56	.469	1.9	5560		2	3/32	.083	0		Y	
D3	54-57	57		12923	90-816/8/20	1.27	2.45	.469	1.9	5560		2	3/32	.083	0		Y	
D5, D7, B1	58-66	61.5		14178		1.27	2.46	.562	1.813	10940		2	3/32	.082	0		Y	
D5, D7, B1	58-66	61.5	7.5	17293	90-1459	1.27	2.46	.562	or	19350		3	3/32	.082	0		Y	
D10	67	61.5	8.6	17952	90-1516	1.41	2.60	.562	2.125	23080		2	1/16	.100	0		Y	
D14	68-70	61.5	10		70-7805													
D14/4, D175	67	61.5	8.6	17952	70-9784	1.41	2.60	.562		23080		2	1/16	.100	0		Y	
E Group - 76mm bore																		
E, E11, E14	25-31	76		1953		1.44	3.53	.625				3	3mm					
G Vee-Twins - 80mm bore																		
G10, 12, 13, 14	25-30	80		1938				.750										
G14	32-40	80		4312														
G10, 12, 13, 14	25-30	80	4.4	5268		1.47	3.31	.750				2	3mm		1	4mm		
H Group - 85mm																		
H, H8	25-31	85		1331		1.37	3.44	.625				2	3/32		2	5/32		
H9	32-36	85	4.9	4984		1.37	3.44	.750				2	5/32		0			
J Group -63mm bore																		
J11, J12	34-36	63		5338		1.18	2.56	.625	2.29			2	1/16		1	5/32		
L group - 72mm bore																		
L2, 4, 5, 6	30-32	72		811		1.44	3.25	.625				3	3/32					
L, L6, L11	28-31	72		2201				.625										
L, L6, L11	28-31	72	Low	3087		1.28	3.03	.625				3	3/32					
L5, 6	30-32	72		3611		1.66	3.16	.625				2	3/32					
L, L6, L11	28-31	72	High	2724		1.66	3.47	.625				2	3/32					
M group (except m33) - 68.8, 82, 85mm bore																		
M19	37-38	68.8		7110	66-870/2/4	1.18	2.70	.750				2	1.5mm		1	1/8		
M20	37-63	82	4.9	8613		1.59	3.34	.750				3			0			
M20	37-63	82	4.9			1.59	3.34	.750		3670		2	3/32	.115	1	1/8	.123	Y
M20	37-63	82	4.9	11957		1.59	3.34	.750		3672		2	3/32	.131	1	1/8	.131	N

Machine			Piston					Gudgeon		Rings								
Model	Year	Bore	c.r.	Hepolite Number	O.E.	Comp Hght	Lgth	dia	lgth	Hepolite Number	Welworthy Number	Comp rings			Oil ring			Fit Orig?
												Qty	Hgt	Depth	Qty	Hgt	Depth	
M21	38-63	82		7519		1.22	2.75	.750		5040	M187	2	1.5mm	.116	1	5/32	.131	Y
M21	38-63	82		10746		1.22	2.75	.750		3920		2	3/32	.116	1	1/8	.123	Y
M21	38-63	82		12659		1.22	2.75	.750		3920		2	3/32	.116	1	1/8	.123	Y
M21	38-63	82		12731		1.22	2.75	.750		5040	M187	2	1.5mm	.116	1	5/32	.131	Y
M22, 23, 24	36-40	82		7129		1.22	2.75	.750		5040	M187	2	1.5mm	.116	1	5/32	.131	Y
M24	38	82		8043						5040	M187	2	1.5mm	.116	1	5/32	.131	Y
M10, 12	32-36	85	4.9	4984		1.37	3.44	.750				2	5/32		0			
M11, 13	34-35	85	4.9	4984		1.37	3.44	.750				2	5/32		0			
M21	37	85		7133		1.37	3.14	.750				2	1.5mm		1	5/32		
7133 is the same as 4984 but without valve pockets																		
Q group - 82mm																		
Q7, 8, 21, 26	36-40	82	7.2	7112		1.39	2.91	.750		5040	M187	2	1.5mm	.112	1	5/32	.119	N
Q7, 8, 21, 26	36-40	82	7.2	7583		1.39	2.91	.750		5040	M187	2	1.5mm	.112	1	5/32	.119	N
Q7, 8, 21, 26	36-40	82	Low	5451		1.22	3.06	.750		5040	M187	2	1.5mm	.112	1	5/32	.119	N
Q7, 8, 21, 26	36-40	82	High	5452	24-2084/6/8	1.47	3.31	.750		5040	M187	2	1.5mm	.112	1	5/32	.119	N
R Group - 71mm bore																		
R4, 17	35-41	71	6	5651		1.16	2.91	.750	2.55	3660		2	3/32	.101	1	1/8	.105	Y
R4, 17	35-41	71	6.5	15504	65-809/11/13	1.16	2.84	.750	2.55	3660		2	3/32	.101	1	1/8	.105	Y
R4	33-34	71		5687		1.22	3.09	.750	2.55	3660		2	3/32	.101	1	1/8	.105	Y
R4, 17	35-41	71	6.5	9939	65-754/5/6	1.63	3.63	.750	2.55	4530		2	3/32	.115	1	1/8	.106	Y
R5	33-35	71	7	5688		1.31	3.18	.750	2.55	3660		2	3/32	.101	1	1/8	.105	Y
R5, R20	33-36	71	7.5	5646		1.47	2.50	.750	2.55	3660		2	3/32	.101	1	1/8	.105	Y
R4, 17	35-41	71	9	11813		1.40	2.93	.750	2.55	4530		2	3/32	.115	1	1/8	.106	Y
S group 80mm																		
S, 8, 9, 10, 12, 13, 19	27-32	80		1275				.750										
S, 8, 9, 10, 12, 13, 19	27-32	80	5.8	2687		1.50	3.13	.750				2	3mm		0			
S, S7 S9	25-31	80		1404		1.66	3.75	.625				3	3mm		0			
W Group - 85mm bore																		
W6, 7	32-36	85	4.4	4984		1.37	3.44	.750				2	5/32		0			
W7, 8, 9, 10	32-35	85	5.8	4984		1.37	3.44	.750				2	5/32		0			
W7, 8, 9, 10	32-35	85	7.5	3870		1.78	2.81	.750				2	1.5mm		0			
W7, 8, 9, 10	32-35	85	6.9	3420		1.87	3.94	.750				2	3mm		0			
W7, 8, 9, 10	32-35	85	High	5004		1.87	3.14	.750				2	5/32		0			
Y Vee-Twins - 71mm bore																		
Y13	36-38	71		5406														
Y13	36.38	71	6	5407		1.16	2.91	.750	2.55			2	1.5mm	2.4	1	5/32	.105	
Sunbeam S7, 8 - 69.8 bore																		
Sunbeam S7, 8	46-57	69.817								3830		2	1/16		1	5/32		
3 wheel car thing - 85mm bore																		
3 wheeler	30-36	85	4.5	3634		1.56	3.41	22mm				3	3mm		1	3/16		
3 wheeler	30-36	85	4.5	4318		1.56	3.31	22mm				3	3mm		1	3/16		

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