

Fastener Group

Studs	Part No	Dia	Size in	Length	No:
Engine Studs	F3804	5/16	.3125	3	4
Engine Studs	E3695	5/16	.3125	4 5/16	2
Engine Stud	F2825	3/8	.375	3 1/4	1
Engine Stud	E3665	3/8	.375	4 1/4	1
Engine Stud	E3812	3/8	.375	7 13/16	1
Frame Stud	F4510	3/8	.375	4 3/8	1
Pillion Footrest Studs (To 1966)	E1396	5/16	.3125	11/16	4
Pillion Footrest Studs (Option)	F4309	3/8	.375	1 3/8	2

Bolts	Part No:	Dia	Size in	Length	No:	Spanner	Note
Alternator Cable Bracket (Domed)	T361	1/4	.250	1/4	1	3/16ww	
General Purpose Bolt (Domed)	DS57	1/4	.250	1/2	23	3/16ww	
Side Panel	F1369	1/4	.250	5/8	2	3/16ww	
Side Panel	F1756	1/4	.250	3/4	1	3/16ww	
Battery Carrier	11104/06/2	1/4	.250	3/4	2		BSF
Brake Pedal Stop (Domed)	F1149	1/4	.250	7/8	1	3/16ww	
Coil Mounts	F3809	1/4	.250	1 3/4	2	3/16ww	
Gearlever Bolt (Chrome)	W932	1/4	.250	1	1	3/16ww	
Coil Mount AC Ign	F6122	1/4	.250	1 3/16	2	3/16ww	
Front Mudguard Bracket (Thin)	F929	5/16	.3125	1/2	2	1/4ww	Thinned Head
Front Mudguard Bottom Stay	H424	5/16	.3125	1/2	2	1/4ww	Special
Rear Mudguard (Domed)	H590	5/16	.3125	9/16	2	1/4ww	
Mudguard Stay (Domed)	DS55	5/16	.3125	13/16	4	1/4ww	
Battery Strap Fixing	F5331	5/16	.3125	29/32	2	1/4ww	
Battery Strap Fixing	F5330	5/16	.3125	31/32	2	1/4ww	
	DS58	5/16	.3125	7/8		1/4ww	

Chainguard Pivot Bolt	F4135	5/16	.250	1	1	1/4ww	
Kickstart (Chrome)	T1439	5/16	.3125	1 3/16	1	3/16ww	
Steering Stop Bolt	F2398	5/16	.3125	1 1/4	1	1/4ww	Special
Fork Cap Bolts	H1070	5/16	.3125	1 7/16	4	1/4ww	
General Purpose Bolt (Alt)	F1718	5/16	.3125	1 1/2		1/4ww	
Engine Bolt (Newton))	E3799	5/16	.3125	1 5/8	1	1/4ww	BSF
Head Stop (Nacelle)	E4165	5/16	.3125	1 11/16	1	1/4ww	
Head Steady Bolt	F3468	5/16	.3125	2 1/4	1	1/4ww	
	E2593	5/16	.3125	2 1/2			
General Purpose Bolt (Alt)		3/8	.375	1/2		5/16ww	
Rear Brake Torque Arm	W840	3/8	.375	17/32	1	5/16ww	Thinned Head
General Purpose Bolt (Alt)	E426	3/8	.375	3/4		5/16ww	
Pillion Footrest (Thin)	F5535	3/8	.375	13/16	2	5/16ww	Thinned Head
	F1031	3/8	.375	1		5/16ww	
	H622	3/8	.375	1 3/8			
Shock Adsorber Bolts (Reduced Head)	E2113	3/8	.375	1 15/16	4	1/4ww	Bradleys
Shock Adsorber Bolts (Alt)		3/8	.375	2	4	5/16ww	
	E2362	3/8	.375	2 1/8			
Petrol Tank to 1964 (Chrome)	F4382	3/8	.375	3 1/32	2	5/16ww	
	E2873	3/8	.375	3 7/8			
Footrest Attachment Bolt	F4369	7/16	.4375	2 11/16	2	5/16ww	Reduced Head
Frame Bolt	F3780	7/16	.4375	1 1/16	2	3/8ww	

Screws	Part No	Dia	Size in	Length	No:	Note	
Sprocket Access Plate	E3821	3/16	.182	5/16	6	BSF	Countersink
Shock Adsorber Hub	T1040	1BA	.209	.417	6	BA	Special
Camshaft Plate	E3728	1/4	.250	15/32	4	BSF	Countersink
Crankcase Mouth	E3859	1/4	.250	21/32	2	BSF	Special
Timing Cover Short	E3800	1/4	.250	7/8	4	BSF	

Timing Cover long	E3801	1/4	.250	1 1/8	4	BSF
Primary Cover / Rocker Box	E3668	1/4	.250	1 5/16	11	BSF
Gearbox Short	T1401	1/4	.250	2 3/8	2	BSF
Gearbox Long	T1402	1/4	.250	2 5/8	2	BSF
Primary Cover Long	E3802	1/4	.250	2 3/4	3	BSF
Bathtub	F5001	1/4	.250	9/16	5	Self Tap

Nuts	Part No:	Dia		Type	No:	Spanner	
General Purpose	F879	1/4		Plain	25	3/16ww	
Nyloc (Alt)		1/4		Nyloc	10	3/16ww	
Reduced Type	W103	1/4		Slim	6	3/8 AF	Reduced
Alternator Bracket	E3290	1/4		Locking	3	3/16ww	
Side Panel	15104/00/2	1/4		Locking	1	3/16ww	BSF
Side Panel	13104/00/2	1/4		Plain	2	3/16ww	BSF
General Purpose	S1-51	5/16		Plain	25	1/4ww	
Nyloc (Alt)		5/16		Nyloc	10	1/4ww	
Reduced Type	E1310	5/16		Slim	6	3/16	Reduced
Alternator Stator	E5324	5/16	Simmons	Locking	3	1/4ww	
Chainguard Pivot	E5269	5/16		Locking	1	1/4ww	
Battery Strap	T224	5/16		Locking	4	1/4ww	BSF
Chain Adjuster	W1058	5/16	Nyloc	Locking	2	1/4ww	
General Purpose	PO172A	3/8		Plain	12	5/16ww	
Chamfered/Slimmed	S1-52	3/8		Radius	9	5/16ww	
Cylinder Base (12 pt)	E2412	3/8		Reduced	8	1/4ww	
Brake Pedal Fixing	DS48	3/8		Plain	1	5/16ww	
Pinch Bolt Nut 3TA	E2412	3/8		Chrome	2	5/16ww	
Domed Nut Bikini	E4329	3/8		Chrome	2	5/16ww	
General Purpose	DS47	7/16		Plain	3	3/8ww	

Washers	Part No:	Dia	OD	Type	No:	
Spring	S26-2	1/4	1/2	Spring	25	
Spring	S26-3	5/16	9/16	Spring	20	
Spring	S26-1	3/8	5/8	Spring	16	
Spring	PCW73A	7/16	3/4	Spring	1	
Plain	S25-1	1/4	9/16	Std	20	
Plain	S25-13	1/4	5/8	Large	4	
Plain	S25-3	5/16	5/8	Std	15	
Plain	F4299	5/16	3/4	Large	5	
Plain		3/8	3/4	Std		
Thick	E2184	3/8	3/4	Thick	12	
Thick	GS308	3/8	1/2	Thick	8	Reduced
Plain	S25-2	3/8	1	Large	8	
Thick	F4370	7/16	7/8	Thick	4	
Shakeproof	E1612	1/4		Serrated	4	
Shakeproof	E2288	3/8		Serrated	1	
Thackaray	S25/43	1/4		Thackaray	2	
Thackaray	F2277	5/16		Thackaray	3	
Thackaray	S26-16	3/8		Thackaray	1	

Taps and Dies	Size	Thread	Use
Tap	1BA	1BA	Clutch Shock Adsorber
Tap	3/16	BSF	Gearbox Sprocket Access Screws
Tap	1/4	BSF	General
Tap	5/16	BSF	Crankcase Bolt Hole
Tap	3/8	BSF	Crankcase Studs

Tap	1/2	BSF	Crankcase Plugs
Tap	1/4	BSCY	General
Tap	5/16	BSCY	General
Tap	3/8	BSCY	General
Tap	11/16	20 TPI	Crankshaft Sludge Trap
Tap	1/4	BSP	Petrol Tap
Die	5/16	BSF	Crankcase Studs
Die	3/8	BSF	Crankcase Studs
Die	1/4	BSCY	General
Die	5/16	BSCY	General
Die	3/8	BSCY	General
Die	7/16	BSCY	General

Bearing Group	Bearing	Part #	RHP	Seal	Number	
Front Wheel	Hoffmann Metric 120	W653	6204 RS		2	Sealed
Rear Wheel Std	Hoffmann Metric 120	W653	6204 RS		2	Sealed
Rear QD Hub	Hoffmann LSV3	S35-7	RLS6		2	
QD Hub/Sprocket	Hoffmann LS9	W1041	RLS7		1	
Crankcase Drive Side	Hoffmann Metric 330	E3835	6306	38/62/8	1	
Gearbox High Gear	Hoffmann Metric 130	T665	6206	36/54/6.5	1	
Gearbox Mainshaft	Hoffmann Metric 317	T1469	6303		1	

Cable Group	Part No:		
Front Brake	D560	T90	T100
Front Brake	D561	3TA	5TA
Clutch	D565	T100R	T100C
Clutch	D566	Standard	
Throttle	D495		
Speedometer	D609	65 ins	Long
Tachometer	D578	28 ins	Long

Wiring Colours	Main	Tracer	Alt
Ignition	White		
Supply to Dipswitch	Blue		
Main Beam	Blue	White	
Dip Beam	Blue	Red	
Pilot Lamp	Red	Black	
Speedo Lamp	Brown	Green	
Tail Light	Brown	Green	
To Brake Light Switch	Brown	Blue	White
From Brake Light	Brown		
Alternator	Green	Yellow	
Alternator	White	Green	
Alternator	Green	Black	
Main Feed (Negative)	Brown	Blue	
To Horn	Brown	Blue	
From Horn	Brown	Black	
To Points	Black	White	
Earth (Positive)	Red		

Camshafts 350/500	Type	Part#	Inlet	O/C	Part#	Exhaust	O/C	Lift
To 1963	Sports	E4022	Inlet	27' 48'	E4023	Exhaust	48' 27'	.296
	Racing	E4038	Inlet	34' 55'	E4039	Exhaust	55' 34'	.314
	Daytona	CD326	Inlet	38' 58'	CD327	Exhaust	58' 38'	.314
1963 on	Sports	E4022	Inlet	27' 48'	E4786	Exhaust	48' 27'	.296
	Racing	E4678	Inlet	34' 55'	E5044	Exhaust	55' 34'	.314
	Daytona	CD438	Inlet	38' 58'	CD332	Exhaust	58' 38'	.314
Camshafts 650								
To 1963	Sports	E4931	Pre-Unit	27' 48'	E4931	Exhaust	48' 27'	.296
	Racing	E4819	Pre-Unit	34' 55'	E4819	Exhaust	55' 34'	.314
	TT	CD324	Pre-Unit	38' 58'	CD324	Exhaust	58' 38'	.314

	#15	CD325	Pre-Unit	39' 69'	CD325	Exhaust	69' 39'	.356
1963 on	Sports	E4931	Inlet	27' 48'	E4855	Exhaust	48' 27'	.296
	Racing	E4819	Inlet	34' 55'	E5047	Exhaust	55' 34'	.314
	TT	CD324	Inlet	38' 58'	CD330	Exhaust	58' 38'	.314
	#15	CD325	Inlet	39' 69'	CD331	Exhaust	69' 39'	.356