

Exhaust Pipe Clamps and Related Parts Continued

Triumph

T100S&Daytona1968-74

Exhaust & Motor Brackets Left Hand
Part no. **70-7641**

Exhaust & Motor Brackets Right Hand
Part no. **70-7642**

T120/TR6

Exhaust Clamp
Part no. **71-0216**



Stainless Steel Clamp
Part no. **71-0216S/S**



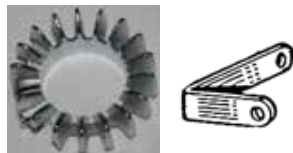
Exhaust Motor Bracket
Part no. **70-6857**

Exhaust Stub
Part no. **70-9516**

Oversized stub for use with worn threads
Part no. **70-9516O/S**

T140/TR7

Exhaust Clamp (Also fits late 650 models with push-in-pipes)
Part no. **71-2465**



Exhaust Motor Bracket
Part no. **70-6857**

Adaptors to enable clamp on pipes to be fitted to 1972 onwards 650 & 750 Triumph twins heads designed for push in pipes.
Part no. **745-01**



T150

Exhaust Clamp
Part no. **70-6743**

Pipe to Head Clamp Bolts and washers, for the following models:

T100/T120/TR6/T140/TR7/T150

Bolt with CEI (26tpi) to 1968
Part no. **70-0409**

Bolt with UNF (24tpi) 1969 on
Part no. **70-6744**

Special Conical Washer
Part no. **70-8860**

Chapter 7 Oil Seals, O Rings, Tab Washers and Bearings

Fork Seals

AJS & Matchless

Models with 1 1/8" Stanchions up to 1954 (also fit in "Jampot" rear suspension units)
Part no. **01-7569**

All models with 1 1/4" Stanchions
Part no. **02-2699**

BSA

A7/10 - early
Part no. **29-5313**

A10 late/A50/65/B25/44 to 1968 with BSA Forks
Part no. **65-5451**

All BSA models 1968-70 with Triumph Forks
Part no. **97-1500**

All models 1971 on
Part no. **97-4001**

Original Nos—Not Repros
Part no. **97-4001G**

Norton

(For P11 use AJS/Matchless 1 1/4" Seals)

All models 1953 on except P11
Part no. **06-5483**

(You must use gasket 06-7520 between oil seal and top bush.)

Triumph

1963 Models
Part no. **97-1461**

1964-70 Models & T100 to 1973
Part no. **97-1500**

1971-78 Models except T100
Part no. **97-4001**

Original NOS
Part no. **97-4001G**

Oil Seal Motor Sets

BSA

B25/44/50

Part no. 66-00232

A50/65

Part no. 61354

Norton

Atlas, G/N15, P11

Part no. 61356

Commando

Part no. 61357

Triumph

T100

Part no. 66-00229

TR6/T120 (63-71) 4 speed

Part no. 66-00227

650/750 Twins 5 speed

Part no. 61358

T20 Cub

Part no. 61359

Triumph Oil Seal O Ring & Tab Washer Sets by Norman Hyde

Oil Seal & O Ring Sets

T150/A75 4 Speed Models

Part no. TGA14

T150/A75 5 Speed Models

Part no. TGA13

Tab Washer Sets

T150/A75 4 Speed Models

Part no. TGA17

T150/A75 5 Speed Models

Part no. TGA16

Oil Seal, O Ring & Tab Washer Sets

650 Twins 1963-69

Part no. BGA11

650 Twins 70 on (4 speed)

Part no. BGA10

650/750 Twins 71 on (5 speed)

Part no. BGA09

Motor & Transmission Seals

Make/Model	Application	Part No.
BSA		
A50/65	Contact Breaker 1963-68 models	68-0026
	Contact Breaker 1969-72 models	70-4568
	Mainshaft	57-0946
	Sprocket Cover	70-4578
	Crankshaft Drive Side	04-0132
Norton		
Commando/ Atlas	High Gear	04-0132
	Oil Pump (to 1974)	06-7510
	Crankshaft Drive Side	06-7567
	Crankshaft Timing Side	04-8023
Commando	Contact Breaker (1970 on)	06-3609
	Inlet Valve Seal (1972 on)	06-2726
	For use with PM guides	70-4009
Commando MK3	Chaincase oil seal	06-5956
	Kick Start oil seal	06-6145
	Oil Pump	06-6190
Triumph		
650/750 Twins	Kick Start Shaft	57-1956
5 speed	High Gear	60-3500
T160	Sprocket Housing	60-3510
750 Twins	High Gear	60-3512

Motor & Transmission Seals Continued

Triumph		
T150/A75	Sprocket Housing	57-3634
	Clutch	57-3642
	Clutch Pullrod	57-3644
500/650 Twins	Crankshaft Drive Side	70-3876
500 Twins	High Gear	57-1478
650 Twins	High Gear (not 5 speed)	57-0946
T160	Chaincase oil seal	60-4442
	Cross shaft	60-4504
All Twins/ Triples	Contact Breaker (Also in Timing Cover on R/H end of crank)	70-4568
	Oversized Contact Breaker Seal	70-6387
500/650 Twins	Sprocket Cover (1963-67)	70-4578
650 Twins (4 speed models)	Sprocket Cover (1968-72)	70-7565

“O” Rings

We carry most of the “O” rings used on the common British bikes. For correct fitment refer to the original parts book for your machine.

Some of those most commonly ordered are listed below. The correct push rod tube “O” rings for Triumph 650 Twins is an area of confusion and the following table is provided to be of assistance. Reference to the original parts book is also often required.

Triumph 650 Push Rod Tube**“O” Rings**

Because many of these machines do not have their original cylinder heads and push rod tubes. The year of manufacture of the head is usually cast into the aluminum under the front rocker box.

Year	Top	Bottom
1963-64	70-3547	70-1496
1965	70-3547	70-3547
1966-68	70-3547	70-4752
1969-70 (early)	71-1283	71-1283
1970 (late)-73	71-1283	71-1283 & 70-4752

Note - the metal “wedding band” with the extra seal was introduced during the 1970 model year. (see table for correct part number to order)

650/750 Twins “O” Rings

Tappet Block
Part no. **70-7563**

Rocker Spindle
Part no. **70-3253**

Gear Change Right Hand Shift
Part no. **70-3309**

Norton “O” Rings

* “X” Rings seal much better than regular O Rings

Atlas Commando

Kick Start
Part no. **04-0005X**

Gear Change
Part no. **04-0006X**

Quadrant Bolt
Part no. **04-0129**

Camplate Bolt
Part no. **04-0129**

Commando (Not MK3) Tach Drive
Part no. **06-1282**

Commando (MK3) Tach Drive
Part no. **06-5203**

Tab Washers

Norton

Atlas Commando
Countershaft Sprocket
Part no. **04-0076**

Retaining Screw for above
Part no. **00-0450**

Commando
Chaincase
Part no. **06-0395**

Clutch Centre
Part no. **06-3459**

Commando 850
Tab washer exhaust lock ring
Part no. **06-2412**

Triumph

T100
Mainshaft
Part no. **57-2240**

Swing Arm
Part no. **82-7343**

650 Twins
Swing Arm
Part no. **82-5944**

4 Speed Trans. Sprocket
Part no. **57-2116**

5 Speed Trans. Sprocket
Part no. **57-4909**

Clutch Nut
Part no. **57-1046**

Mainshaft T/S
Part no. **57-2240**

Crank - Timing Side
Part no. **70-3975**

Crank - Drive Side
Part no. **70-8785**

T150/160
Clutch Lift
Part no. **57-2474**

Clutch
Part no. **57-3720**

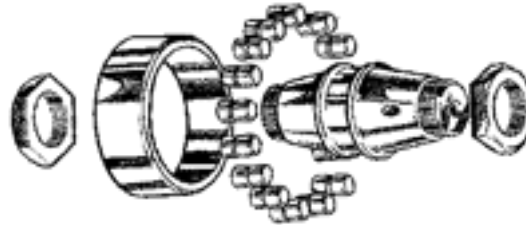
Clutch Shock Absorber
Part no. **57-3941**

Bearings

The items listed below are normally in stock. We are also, through our association with ALPHA BEARINGS in England, able to supply roller type big end assemblies for a wide range of machines. Those most commonly ordered are listed below. Those we don't stock we can usually get within a week.

Alpha Big End Assemblies

Includes pin, nuts, rollers, cage and sleeve as appropriate.



AJS & Matchless

350/500 Single 40-63 (not 18/G80CS)
Part no. **AMC6**

G80CS 56-66
Part no. **AMC12S**

BSA

B44 67-70
Part no. **B26**

B & M Group pre-unit singles since 1944 (not Goldstar)
Part no. **B14**

Goldstar
Part no. **B14GS**

B50
Part no. **B28**

B50 Competition
Part no. **B28S**

*The B50 Competition assembly is fitted to your rod which must be sent to us for return to England. We can also special order a complete B50 Competition Big End Rod Assembly.
Part no. **99-B50**

Monogram Badges for Early Matchless Twin Crank-cases

Part no. **04-2812**



Big End Shells (Complete Engine Sets)



Make/Model	Size	Part No.
AJS & Matchless Twins		
From 1953 on	STD	01-8644STD
	010	01-8644/010
	020	01-8644/020
	030	01-8644/030
	040	01-8644/040
BSA		
B25	STD	70-6068STD
	010	70-6068/010
	020	70-6068/020
A10 1958 on/ A50/65	STD	67-1430
	010	67-1431
	020	67-1432
	030	67-1433
A75	STD	70-5998
	010	70-9023
	020	70-9024
	030	70-9025
Norton		
All Twins 1962 on	STD	06-4285
	010	06-4286
	020	06-4287
	030	06-4288
	040	06-4289

Norton Twin Magnetic Crankcase Filter Kit

With separate drain bolt, fits all twins except 1972-73 models with serial no. beginning with "2".

Part no. **06-7281**

Big End Shells Continued (Complete Engine Sets)

Make/Model	Size	Part No.
Triumph		
TR25W		See B25 Above
T150/160		See A75 Above
T100 (1959 on)	STD	70-3706STD
	010	70-3706/010
	020	70-3706/020
	030	70-3706/030
	040	70-3706/040
650/750 Twins (1956 on)	STD	70-3586STD
	010	70-3586/010
	020	70-3586/020
	030	70-3586/030
	040	70-3586/040

Centre Mains

Make/Model	Size	Part No.
BSA		
A75/T150/160	STD	70-6023
	010	70-9027
	020	70-9028
	030	70-9029
AJS & MATCHLESS (1951 on)	STD	01-6649STD
	010	01-6649/1
	020	01-6649/2
	030	01-6649/3

Crankshaft Main Bearings

BSA A50/65 1967-72

The timing side bearings listed are the superior steel backed Alpha type.

Crankshaft Main Bearings

Make/Model	Year	Drive Side	Timing Side
BSA			
A50/65	1972	70-2879	STD 68-0657
			010 68-0647
			020 68-0648
			030 68-0657/030
Crankshaft Shim Kit			H304
A75	1969 on	70-1591	70-8780

Norton 750/850 Twins

Mike's comments. In the late 60's and early 70's I did a lot of fast miles on a 1966 AJS33 (Atlas Motor) and a 1969 Commando. I never had a problem with the original drive side roller bearings (Norton No. 17824). The same could not be said for the timing side ball bearing (Norton No. 17822). These would always fail at 10 - 15,000 miles due to the cage breaking up, but I should emphasize the bikes were ridden hard. Serious problems with these bearings only really came to light in 1972 with the high compression Combat motor. The higher compression caused extra crank flex and the main bearings, with the inner races flexing, made the outers protest. The solution was to specify superblend bearings for both sides. These have barrel shaped rollers allowing the crank to flex along the narrower ends of the rollers. Superblends can be fitted to Atlas and earlier motors and will give long service.

750 Twins	1962-71	61415 (as 17824)	28836 (as 17822)
Superblend Type - Fits Both Sides			06-4118 (Both sides)

Triumph			
For T150/160see BSA A75 above			
T100	1968-74	70-9493	70-9494
	1963-71	70-2879	70-1591
	1972-74	70-2879	70-3835
750 Twins	1973-80	70-2879	70-3835

We have received occasional complaints from customers that the drive side bearing 70-2879 has insufficient running clearance. We have taken this up with the engineers who worked at the factory when the bikes were made and they are of the opinion that the C2 clearance bearing we sell is correct.

For advice in this matter we suggest customers contact an experienced Triumph mechanic or find an expert in the Triumph owners club. Some engine builders requiring more running clearance prefer to fit the BSA bearing Part No **68-0625** or Part No **70-2879/C3** (C3 clearance).

Transmission Bearings

Make/Model	Year	High Gear/ Counter Shaft	Mainshaft (T/S)	Layshaft (D/S)
BSA (For A75 see Triumph T150 below)				
A50/65	1967-72	60-3556	60-3552	
Norton				
(All machines with AMC transmission)		60-3556	04-0099	06-7710
			04-0099S (Sealed Type)	06-7710S (Superblend roller Type)
Triumph				
T100 4 Speed 650	1966-74	57-0665	57-1469	57-1606
Twins & Triples 5 Speed 650 Twins & 750	1963 on	60-3556	60-3552	57-1606
Twins & Triples	1971 on	60-4100	60-3552	57-1606

Other Transmission Bushes & Bearing

Norton

Note - Matchless G15 is the same as the Atlas

Atlas Commando 1962-75

Layshaft 1st Bush
Part no. **04-0046**

Layshaft 3rd Bush
Part no. **04-0047**

Mainshaft 2nd Bush
Part no. **04-0048**

Atlas & Commando 1962-74 Mainshaft 4th Bush
Part no. **04-0062**

Outer Gear Change Bush
Part no. **04-0063**

All Commandos
Clutch Centre Bearing
Part no. **06-0750**

Triumph

Most unit construction Twins & Triples (refer to parts book) Layshaft needle bearing

Thrust Washer
Part no. **57-1607**

Layshaft (T/S) Needle Bearing
Part no. **57-1614**

Steering Bearing Sets

AJS & Matchless

Most post WW2 models and P11 Norton

Cups
Part no. **01-2620**

Cone
Part no. **00-0805**

Cone (2 required)
Part no. **00-0806**

3/16 Bearings (56)
Part no. **00-0072**

BSA**B25/44 to 1970**Cup & Cone Set
Part no. **V17****A7/10 & A50/65 to 1970**Cup & Cone Set
Part no. **26344**Taper Roller Set
Part no. **SRMTR1****A65 1971 on**Tapered Roller Bearings for (2 required)
Part no. **97-4031****Norton**Commando 1971-75 (2 required)
Part no. **06-7604**Economy Type - Very good quality
Korean made
Part no. **06-7604E**

(This bearing will also substitute for cups, cones and ball bearings used on Atlas, G15 & N15 machines).

Atlas taper type (2 required)
Part no. **61436**Genuine NORVIL type (2 required)
Part no. **03-0205****Triumph****T100 1967-74, 650 Twins 1963-70****& T150 1969-70**Cup & Cone Set
Part no. **V11A**Tapered Roller Set
(includes top & bottom bearings)
Part no. **CS2000**Taper Roller set T100 1958-66
Part no. **RS079****TRIUMPH 650/750 Twins (1971 on)
(2 Required)**Tapered roller bearings (oriental)
Part no. **97-4031**Tapered roller bearings Timkin
Part no. **97-4031T****Ball Bearing**1/4" (for all above cup & cones except AJS/
Matchless/P11 Norton)
Part no. **60-2364**3/16" (for AJS/Matchless and P11 Norton Models
except those with Norton Forks.)
Part no. **00-0072****Wheel Bearings**

Triumph wheel bearings 37-0653 are good quality sealed type. Premium FAG bearings with steel seals are Part no 37-0653DL

Make/Model	Year	Front Right	Front Left	Rear Right	Rear Left
BSA					
A50/65 (In brake drum use 06-7604)	1969-70	37-0653	37-0653	37-1041	37-1041
Good quality economy bearing also stocked 37-1041E					
A50/65/ & B25/50	1971-72	37-0653	37-0653	37-0653	37-0653
Norton (G15 Matchless uses same wheels as Norton Atlas)					
Atlas/Commando	1962-70	06-7688	06-7710	06-7710	06-7688
Commando	1971-74	06-7710	06-7688	06-7710	06-7710
	1975	06-7688	06-5542	37-0653*	06-5542
Good quality European made sealed bearings - direct replacements for original type		06-7688S	06-7710SEALED		

*Note - Commando Models with cush drive use bearing 06-7688 in drum

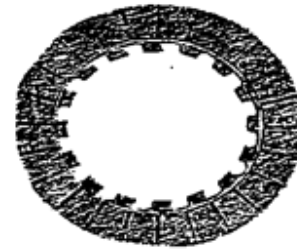
Our Norton Sealed bearings are exactly the same dimensions as original unsealed types – no machining of hubs required.

Make/Model	Year	Front Right	Front Left	Rear Right	Rear Left
Triumph					
T100	1966-74	37-0653	37-0653	37-0653	37-0653
650 Twins	1966-72	37-0653	37-0653	37-0653	37-0653
T150	1969-72	37-0653	37-0653	37-0653	37-0653
750 Twins	1973-74	06-7604	37-0653	37-0653	37-0653
	1976	06-7604	37-0653	37-0653	37-0653
	1977	06-7604	37-0653	06-7604	37-0653
	1978	06-7604	06-7604	06-7604	06-7604
T150	1973-74	06-7604	37-0653	37-0653	37-0653



Chapter 8: Clutch Plates and Primary Chaincase Components

We are pleased to offer regular quality clutch plates together with the top quality SURFLEX variety. We can also supply BARNETT plates for most makes to special order.



Make/Model	Regular Friction Plate	Surflex Friction Plate	Steel Plate	Spring
BSA				
B25/44/50	57-2726	CPS003	57-2725	57-2727
A50/65	57-1362E	CPS009	57-1363	57-1830
UK made	57-1362UK			
A75 See T150 Below				
Norton (AJS/Matchless use same as Atlas 1960 on)				
Atlas				
Double Sided		CPS006	04-3191	04-0358
Single Sided		CPS012		
Commando		CPS008	06-0746	