

1 March 2012

The accessories shown are available for such purposes as fitting GREASOMATICS into sockets other than ¼BSP (or G¼), for installing them at a distance from lubrication points (for convenience of access or to remove them from extremes of temperature), for coupling two or more together to increase lubricant input, and for fitting them into pressurised systems. They are intended as **semi-permanent fixtures** and (if required at all) need only be purchased when first installing GREASOMATICS. Once the accessories are in place, only the spent GREASOMATICS need be replaced. **Prices** for all these accessories and fittings may be obtained from a separate price list.

**GREASOMATIC fittings** have been carefully selected for their smooth bores and freedom from internal constrictions that could impede the flow of grease. If extension tubing and fittings other than standard GREASOMATIC accessories are used, particularly if **grease fillings** are involved, it is essential that such tubing and their fittings should have an internal bore of at least 6 mm. (Many other fittings have internal passages of smaller bore than that of the tubing with which they are designed to be used). This is not so important if **oil or fluid fillings** are involved.

**Extension tubes** of reasonable length can be used and guidance on the **maximum lengths** for particular conditions are given in the Technical Instructions Sheet for GREASOMATICS 96. If these lengths are exceeded, lubricant input rates may well be adversely affected.

### ADAPTORS

**GMA 1** ¼BSP/F/P : ½BSP/M/P



**GMA 2** ¼BSP/F/P : ¾BSP/M/T



**GMA 8** ¼BSP/F/P : ¼-28 UNF/M/T  
(Adaptor having a small 4 mm orifice suitable only for oils or fluid greases)



**GMA 9** ¼BSP/F/P : M10



**GMA 10** ¼BSP/F/P : M6



**GMA 26** ¼BSP/F/P : M8



### GENERAL FITTINGS

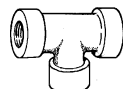
**GMA 3** UNION ¼BSP/F/P : ¼BSP/F/P



**GMA 4** UNION ¼BSP/M/P : ¼BSP/M/P



**GMA 5** T - PIECE : ¼BSP/F/P (all three)



**GMA 6** BEND 90°  
¼BSP/F/P : ¼BSP/M/T



**GMA 7** BEND 45°  
¼BSP/F/P : ¼BSP/M/T



### BALL VALVES

**GMA 24** ¼BSP/M/P : ¼BSP/F/P



**GMA 25** ¼BSP/F/P : ¼BSP/F/P



### ABBREVIATIONS

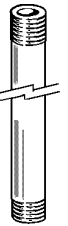
¼BSP = ¼ British Standard Pipe thread (also = G¼ thread)  
F = female thread      M = male thread  
P = parallel thread      T = taper thread

### RIGID EXTENSION TUBES

**GMA 11** 50 mm ¼BSP/M/T:¼BSP/M/T

**GMA 12** 100 mm ¼BSP/M/T:¼BSP/M/T

**GMA 13** 150 mm ¼BSP/M/T:¼BSP/M/T



### FLEXIBLE EXTENSION TUBING

**GMA 14**  
NYLON EXTENSION TUBING  
Flexible - for use only up to 80°C  
8 mm od / 6 mm id



**GMA 15**  
COPPER EXTENSION TUBING  
Pliable - usable at over 80°C  
8 mm od / 6 mm id



### FLEXIBLE TUBING COUPLINGS

for use with either nylon or copper tubing

**GMA 16** ¼BSP/M/T : 8 mm od



**GMA 17** ¼BSP/F/P : 8 mm od



**GMA 18** 90° bend ¼BSP/F/P : 8 mm od

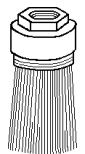


**GMA 19** 45° bend ¼BSP/M/T : 8 mm od

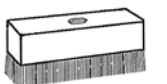


### BRUSH FITMENTS

**GMA 22** ¼BSP/F/P  
Natural bristles 40 mm long  
20 mm Ø - overall length 70 mm

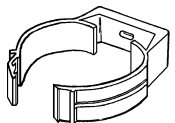


**GMA 23** ¼BSP/F/P  
Natural bristles 20 mm long  
Overall width 32 mm,  
length 100mm, depth 48 mm



### MOUNTING BRACKETS

**GMA 20** Plastic Click-fit  
Bracket

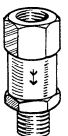


**GMA 27** Stainless steel  
Bracket

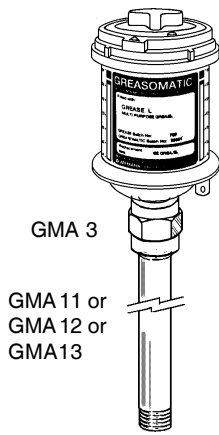


### DISCHARGE RATE THROTTLE & NON RETURN VALVE

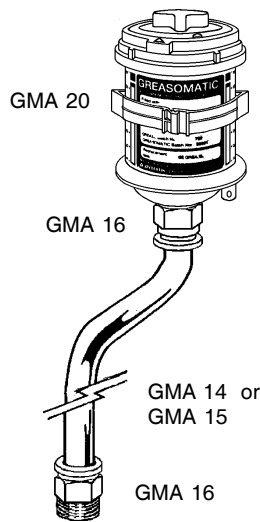
**GMA 21** ¼BSP/F/P : ¼BSP/M/T  
Opens one way only at light pressure of ca 0.3 bars or 4 psi. For use in preventing premature discharge of GREASOMATICS with oil-fillings and also for use with any GREASOMATIC that is to discharge into a pressurised system.



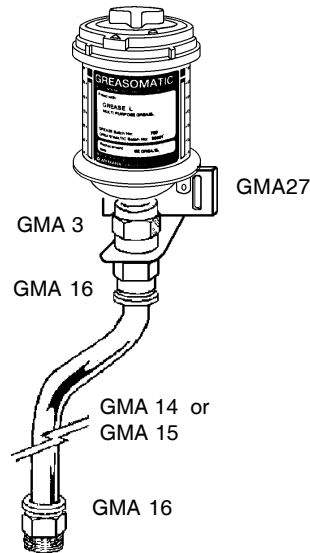
# SOME TYPICAL GREASOMATIC®96 MOUNTING ASSEMBLIES



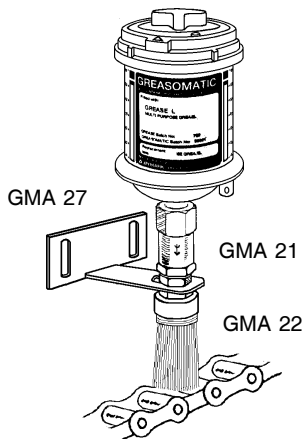
A simple rigid extension tube assembly



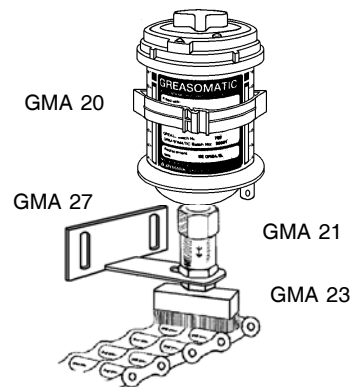
A flexible extension tube assembly for use in conjunction with a click-fit Mounting Bracket (GMA 20)



A flexible extension tube assembly for use in conjunction with a stainless steel Mounting Bracket (GMA 27)



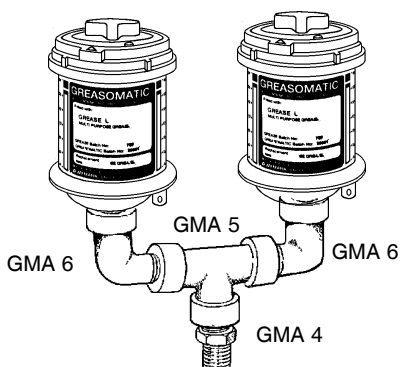
An assembly for applying oil to a chain drive (or slide bearing) by means of a small cylindrical brush (GMA22) and a Throttle Valve (GMA21) to prevent oil from running out of the system until the pressure exerted by the GREASOMATIC rises periodically to 0.3 bars.



An assembly for applying oil to a larger chain drive by means of a wider rectangular brush (GMA23) and a Throttle Valve (GMA21).

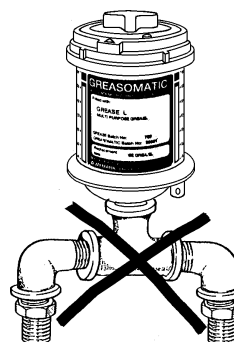
A GREASOMATIC will also work upside-down, on its side, or even immersed in water or encased in ice.

All the accessories shown are intended as **semi-permanent fixtures** and need only be purchased when first installing GREASOMATICs. Once in position, it is only necessary to replace the spent GREASOMATICs.



A twin mounting assembly for fitting two GREASOMATICs to a single lubrication point to double the lubricant input

GREASOMATICs 96



An **unsuitable** assembly. If the two lubrication points vary in their resistance to flow, lubricant will flow preferentially to the point offering the least resistance.

**IMPORTANT NOTE:** The ability of a single-point lubricator to discharge lubricant efficiently into a bearing depends on such factors as: the pressure that the lubricator can exert, the flowability of the lubricant, the length and internal diameter of the tubing and the fitments, the direction of flow (bearing in mind the effect of gravity), and the resistance within the bearing. GREASOMATIC extension tubes and fitments have been specially selected for minimum resistance to flow but it is essential to consult the Technical Information Sheet for the particular type of GREASOMATIC involved in order to determine the **maximum lengths of tubing** given in the tables for particular types of lubricant and for particular directions of flow if the desired lubricant input rate is to be achieved.