

USEFUL DATA - GENERAL



GASKET SEALING OF THREADS

When copper washers are to be used for port thread sealing, it is recommended that for pressures above 1,000 P.S.I. the port thread entry should be counter bored to shroud the washer.

For pressures above 173 bar (2,500 P.S.I.) it is recommended that steel/rubber bonded washers similar to the 'Dowty' bonded washer, or the 'O' ring method of sealing be adopted.

THREADS

Whilst the British Standard taper pipe thread (abbreviated to BSTPT or BSPT) is still used in the U.K., by far the most popular in the U.K. and elsewhere in the world is the British Standard parallel pipe thread (abbreviated to BSPPT or BSP). For use mainly on American origin equipment the API or NPTF (Dryseal) threads are supplied as part of our standard range.

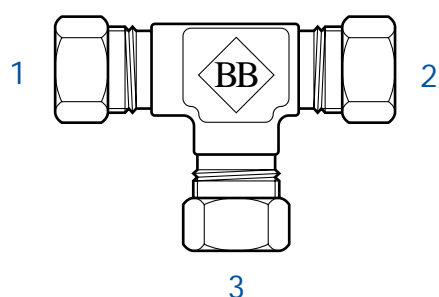
MILD STEEL COUPLINGS

The body portion and nut are manufactured from mild steel and zinc plated. The ferrule is produced from a special, controlled carbon steel, suitably heat treated and zinc plated. In all cases the nut and ferrule material is purchased in the crack detected condition. When the couplings are to be used for installations where temperatures are in excess of 260°C (500°F), this information should be specified including the operating conditions involved. All couplings supplied in the assembled condition have the compression threads suitably lubricated ready for use. Male threaded couplings are fitted with suitable thread protectors. All nuts have the relevant tube size clearly marked apart from the coding symbol on the coupling body.

STAINLESS STEEL COUPLINGS

The body portion is manufactured from stainless steel to specification 316 S11. The sealing ferrules are now manufactured as standard, at no extra cost in high grade 316 S11 stainless steel. All stainless steel couplings are supplied with stainless steel nuts as standard, other materials are available on request. Zinc plated mild steel nuts may be ordered as required. On imperial sizes of couplings, the nuts are silver plated as standard to reduce the locking possibility. Where couplings are to be used for installations where temperatures are in excess of 343°C (650°F) this information should be specified on ordering.

SPECIALS



Whilst the range of fittings illustrated and listed in this catalogue is as comprehensive as it is usually deemed necessary, we are always pleased to quote for items which are not listed. To order non-listed items, please specify as follows:

- a. Describe type of fitting, e.g. male coupling, male elbow etc.
- b. Designate size of tube to be used.
- c. Specify connecting thread required (if applicable).
- d. In the case of tee fittings, specify each end of the tee in the order shown on the illustration above.