

Brass Fittings specifications



SPECIFICATIONS

Imperial Fittings conform to BS2051 Part 1.

Metric Fittings conform to BS2051 Part 2.

Standard Materials:

Brass Bar

CZ 121 BS2874

Stampings

CZ 122 BS2874

Copper Rings

C 106 Part 2 BS2874

WORKING PRESSURES

Safe pressures depend entirely on the tubes being used. As an example, nylon tube will always burst away from the coupling.

These types of coupling are best suited to half hard copper tubing, but are also suitable for use on soft or hard copper tubing. They will withstand pressures greater than those in BS2051 Parts 1 and 2. As a guide, however, experience has shown them safe when used on liquids as given:

O/D Tube	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1"
P.S.I.	3000	3000	2500	2000	1500	1250	1000	500
O/D Tube	3mm	4mm	5mm	6mm	8mm	10mm	12mm	15mm
Bar	200	200	200	200	200	140	100	50

When used on air or gas, a further factor of safety should be added.



MALE STUD COUPLING



MALE STUD ELBOW



BULKHEAD UNION



COMPRESSION NUT



FERRULE