

Imperial Brass Compression Fittings



Male Studs

Characteristic:

- Use for liquids or air. No flaring, soldering or other preparation of tubing necessary to assemble.
- Use with with copper, brass, aluminum and thermoplastic tubing.
- No recommended for steel tubing.

Material:

- Connectors are machined from brass JIS3604
- Elbows, tees are forged and machined from brass JIS3771

Working Temperature: -54°C ~ + 121°C

Working Pressure: for metal tubing is 100~140 Bar

at 20°C :

O.D. 1/8 28Bar

O.D. 1/4 20Bar

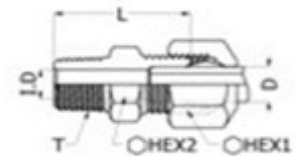
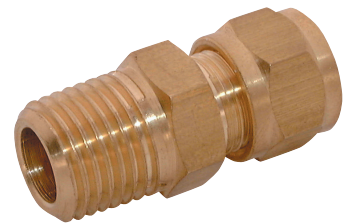
O.D. 3/8 14Bar

O.D. 1/2 14Bar

O.D. 5/8 10Bar

O.D. 3/4 7Bar

O.D. 7/8 5Bar



Part Code	Item No.	Tube Size D	Thread T	Thread	I.D	L	HEX1	HEX2
APMS-14-18	S05-C102	1/4	1/8	M11x1.0	5.5	22	14	12
APMS-516-18	S05-C1025	5/16	1/8	1/2-24	5.5	22.5	16	14
APMS-38-18	S05-C103	3/8	1/8	9/1-24	5.5	23	17	15
APMS-14-14	S05-C202	1/4	1/4	M11x1.0	5.5	25	14	14
APMS-516-14	S05-C2025	5/16	1/4	1/2-24	7	25.5	16	14
APMS-38-14	S05-C203	3/8	1/4	9/16-24	8	26	17	15
APMS-12-14	S05-C204	1/2	1/4	11/16-20	8	27.5	21	19
APMS-14-38	S05-C302	1/4	3/8	M11x1.0	5.5	25	14	17
APMS-516-38	S05-C3025	5/16	3/8	1/2-24	7	25.5	16	17
APMS-38-38	S05-C303	3/8	3/8	9/16-24	8	26	17	17
APMS-12-38	S05-C304	1/2	3/8	11/16	10.5	27.5	21	19
APMS-14-12	S05-C402	1/4	1/2	M11x1.0	5.5	28.5	14	21
APMS-516-12	S05-C4025	5/16	1/2	1/2-24	7	29	16	21
APMS-38-12	S05-C403	3/2	1/2	9/16-24	8	29.5	17	21
APMS-12-12	S05-C404	1/2	1/2	11/16-20	11	30	21	21