

LABFACILITY

TEMPERATURE TECHNOLOGY

INSTALLATION FITTINGS TEMPERATURE PROBES

TEMPERATURE
SENSING

- Compression fittings
- Hexagon screwed bushes
- Locknuts and blanking plugs
- Flange plates
- All in brass and stainless steel
- Parallel and tapered threads

- Wide range of thread sizes
PLUS

- Bayonet caps, springs, fittings and adaptors
- All ex-stock in quantity
- Very competitive prices

COMPRESSION FITTINGS

Labfacility offers a range of male coupling compression fittings for positioning temperature probes, allowing the probe immersion depth to be set to suit the application.

Fittings are available in both brass and stainless steel, and with tapered (BSPT) or parallel (BSPP) threads.

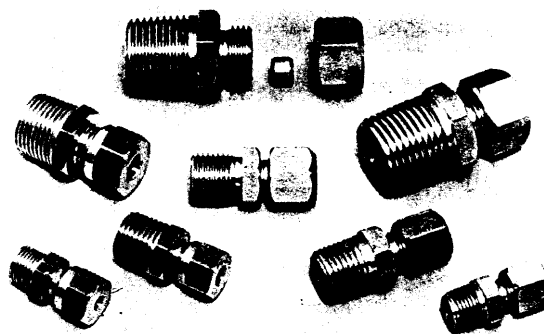
Select the bore size (to suit the sensor diameter) and the required mounting thread size.

Spare olives are available in packs of 10.

Most sizes of fittings are available from stock. Sizes not listed may be available to special order.

ORDER CODES - COMPRESSION FITTINGS

SIZE (Thread x bore)	STAINLESS STEEL		BRASS	
	Tapered (BSPT)	Parallel (BSPP)	Tapered (BSPT)	Parallel (BSPP)
1/8" BSP x 1mm	FC-130	-	-	-
1/8" BSP x 1.5mm	FC-131	FC-132	FC-001	-
1/8" BSP x 3mm	FC-133	FC-140	FC-002	FC-003
1/8" BSP x 1/8"	FC-134	FC-139	FC-004	FC-003
1/8" BSP x 3/16"	FC-135	FC-137	FC-008	FC-007
1/8" BSP x 6mm	FC-136	FC-138	FC-011	FC-012
1/8" BSP x 1/4"	-	-	FC-014	FC-010
1/4" BSP x 3mm	FC-158	FC-159	FC-030	FC-031
1/4" BSP x 1/8"	FC-160	FC-161	FC-030	FC-031
1/4" BSP x 3/16"	FC-163	FC-169	FC-033	FC-034
1/4" BSP x 6mm	FC-167	FC-168	FC-037	FC-036
1/4" BSP x 1/4"	FC-165	FC-170	FC-035	FC-042
3/8" BSP x 1/4"	-	-	FC-060	FC-061
1/2" BSP x 6mm	FC-200	FC-201	-	-
1/2" BSP x 1/4"	-	-	FC-091	FC-090



ORDER CODES - SPARE OLIVES

BORE SIZE	STAINLESS STEEL	BRASS
1.0mm	FO-051	-
1.5mm	FO-052	FO-003
3.0mm	FO-053	FO-004
1/8"	FO-054	FO-005
4.5mm	FO-055	FO-006
3/16"	FO-056	FO-007
6mm	FO-057	FO-008
1/4"	FO-058	FO-009

THREADED ADAPTORS, LOCKNUTS & BLANKING PLUGS

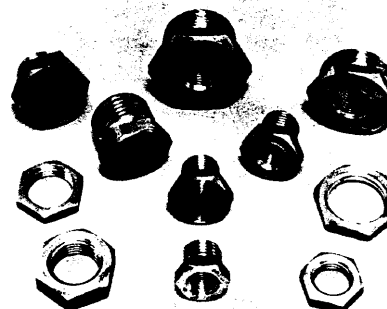
Threaded adaptors (hexagon screwed bushes) are available in both brass and stainless steel to reduce large female thread sizes to suit Labfacility compression fittings or to provide a method of mounting compression fittings in sheet metalwork when used with locknuts. Select locknuts to suit male thread of adaptor.

Blanking plugs are also available. Select size to suit female thread.

All threads are parallel BSP (P).

ORDER CODES

SIZE (MALE x FEMALE THREAD)	STAINLESS STEEL	BRASS	SIZE	STAINLESS STEEL	BRASS
1/4" BSP x 1/8" BSP	FR-370	FR-350	Locknut 1/8" BSP	FL-250	FL-236
3/8" BSP x 1/8" BSP	-	FR-351	Locknut 1/4" BSP	FL-252	FL-235
3/8" BSP x 1/4" BSP	FR-373	-	Locknut 3/8" BSP	FL-254	FL-239
1/2" BSP x 1/8" BSP	FR-374	-	Locknut 1/2" BSP	FL-255	FL-237
1/2" BSP x 1/4" BSP	FR-375	FR-352	Locknut 8mm ISO	FL-253	FL-240
3/4" BSP x 1/4" BSP	FR-372	FR-353	Plug 1/8" BSP	FP-319	-
3/4" BSP x 1/2" BSP	FR-377	-	Plug 1/4" BSP	FP-320	-
			Plug 1/2" BSP	FP-323	-



LABFACILITY LIMITED

Tel: 0181 943 5331 Fax: 0181 943 4351

HEADQUARTERS: LABFACILITY LTD, 99 Waldegrave Road, Teddington, Middlesex TW11 8LR, UK. Tel: 0181 943 5331 Telex: 8952151 Intemp G Fax: 0181 943 4351

NORTHERN DIVISION: LABFACILITY LTD, Unit 7 Abbey Way, North Anston Trading Estate, Dinnington, Sheffield S31 7LJ, UK. Tel: 01909 569446 Fax: 01909 550632

Internet address: <http://www.labfacility.co.uk/temperature/> E-mail: info@labfacility.co.uk

Data FITT 0197.

REVISIONS			
E.C.O.	SYM	DESCRIPTION	DATE
1843	J	1 -2 DM "B" MIN: '550' WAS '557'	4-7-97
2524	K	1 REDRAWN ON CAD. 2. ASTM B633-85 WAS 00-2-325	4-3-98

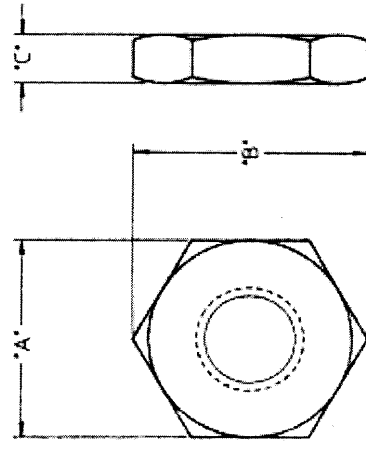
511-300-0 K 02

REQUIREMENTS:

- 1 > 1/2 HARD BRASS PER 00-B-61A COMPOSITION B OR EQUIVALENT.
- 2 > FINISH: ZINC PLATE PER ASTM B633-85 TYPE I, .0003 THICK MIN.
- 3 > FINISH: NICKEL PLATE PER 00-N-290, TYPE VI- INEF-2B DM, TO APPLY AFTER PLATING.
- 4 > DO NOT USE, FOR NEW DESIGN USE 511-300-2.

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PART NUMBER	SIZE	PER INCH	CLASS	A			B			C			FINISH
				NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	
511-300-1	1/4	32	NEF-2B	3/8	375	362	433	413	413	100	100	100	3
511-300-2	3/8	32	NEF-2B	1/2	500	489	577	550	550	100	100	100	3
511-300-3	1/2	32	NS-2B	3/4	750	736	866	840	840	100	100	100	2
511-300-4	3/8	32	NEF-2B	1/2	500	489	577	557	557	100	100	100	3
511-300-5	1/2	32	NS-2B	11/16	693	678	800	775	775	100	100	100	3
511-300-6	10	32	NEF-2B	3/8	375	362	433	413	413	100	100	100	3
511-300-7	10	32	NEF-2B	5/16	372	300	355	345	345	105	103	103	3
511-300-8	3/8	32	NEF-2B	433	438	428	506	494	494	100	100	100	3
511-300-9	1/4	32	NEF-2B	375	362	362	433	413	413	100	100	100	3



DOUBLE CHAMFER

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMALS: .001, .005 ANGLES: .2° TOLERANCES: .001, .005		DRAWN	DATE
		S.L. JESTER	1-20-60
FINISH: 1, 2, 3 TREATMENT: 1, 2, 3		CHECKED	DATE
		B. PEAKE	2-2-60
APPROVED ENG.			
		P. TRAUTMANN	DATE
APPROVED QUAL.			
		DATE	DATE
DATE			
		DATE	DATE



SPECTRA ELECTRONICS
ONTARIO, CALIFORNIA

511-300

NUT,
HEXAGON,
PANEL MOUNTING