

- 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 × bore)	STAINLESS STEEL		BRASS	
	Tapered (BSPT)	Parallel (BSPP)	Tapered (BSPT)	Parallel (BSPP)
1/8" BSP × 1mm	FC-130	–	–	–
1/8" BSP × 1.5mm	FC-131	FC-132	FC-001	–
1/8" BSP × 3mm	FC-133	FC-140	FC-002	FC-003
1/8" BSP × 1/8"	FC-134	FC-139	FC-004	FC-003
1/8" BSP × 3/16"	FC-135	FC-137	FC-008	FC-007
1/8" BSP × 6mm	FC-136	FC-138	FC-011	FC-012
1/8" BSP × 1/4"	–	–	FC-014	FC-010
1/4" BSP × 3mm	FC-158	FC-159	FC-030	FC-031
1/4" BSP × 1/8"	FC-160	FC-161	FC-030	FC-031
1/4" BSP × 3/16"	FC-163	FC-169	FC-033	FC-034
1/4" BSP × 6mm	FC-167	FC-168	FC-037	FC-036
1/4" BSP × 1/4"	FC-165	FC-170	FC-035	FC-042
3/8" BSP × 1/4"	–	–	FC-060	FC-061
1/2" BSP × 6mm	FC-200	FC-201	–	–
1/2" BSP × 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 × FEMALE THREAD)	STAINLESS STEEL	BRASS	SIZE	STAINLESS STEEL	BRASS
1/4" BSP × 1/8" BSP	FR-370	FR-350	Locknut 1/8" BSP	FL-250	FL-236
3/8" BSP × 1/8" BSP	–	FR-351	Locknut 1/4" BSP	FL-252	FL-235
3/8" BSP × 1/4" BSP	FR-373	–	Locknut 3/8" BSP	FL-254	FL-239
1/2" BSP × 1/8" BSP	FR-374	–	Locknut 1/2" BSP	FL-255	FL-237
1/2" BSP × 1/4" BSP	FR-375	FR-352	Locknut 8mm ISO	FL-253	FL-240
3/4" BSP × 1/4" BSP	FR-372	FR-353	Plug 1/8" BSP	FP-319	–
3/4" BSP × 1/2" BSP	FR-377	–	Plug 1/4" BSP	FP-320	–
			Plug 1/2" BSP	FP-323	–



FLANGE PLATES

Labfacility flange plates enable the mounting of temperature probes with compression fittings. Available in stainless steel and brass, flange plates are particularly recommended for mounting probes in process ovens, kilns, heating and ventilating ducts, etc.

Diameter 50mm
 Female thread 1/8" BSPP
 Mounting holes 3 x 4mm dia. on 40mm PCD



ORDER CODES

STAINLESS STEEL	CA-250
BRASS	CA-251

BAYONET CAPS, SPRINGS, FITTINGS AND ADAPTORS

Labfacility offers a range of bayonet caps, springs, fittings and associated adaptors for securing temperature sensors. When fitted, a bayonet fitting spring loads the sensor to keep it in permanent contact with the measured surface. Bayonet fittings are particularly suitable for mounting sensors in plastic extruders, injection moulding machines, etc.

Adjustable bayonet caps and two types of bayonet fixing are available (compression or grub screw). Select the caps and springs or fitting to suit sensor diameter. Adaptors are available in two thread sizes and various lengths and are compatible with the various caps and fittings.



ORDER CODES – BAYONET FITTINGS

TYPE	FITTING	PROBE DIA. (mm)	ORDER CODE
Single slot cap	Compression	3.0	CA-300
Single slot cap	Compression	4.5	CA-301
Single slot cap	Grub screw	3.0	CA-302
Single slot cap	Grub screw	4.5	CA-303
Twin slot cap	Grub screw	6.0	CA-304

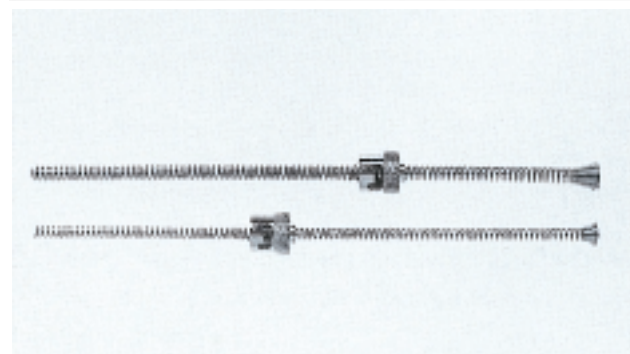
ORDER CODES – ADAPTORS

THREAD SIZE	OVERALL LENGTH (mm)	PINS	ORDER CODE
1/8" BSP	22	Single	CA-400
1/8" BSP	35	Single	CA-401
1/8" BSP	48	Single	CA-402
1/8" BSP	64	Single	CA-403
1/8" BSP	22	Double	CA-404
M10 x 1mm	35	Single	CA-405

ORDER CODES – BAYONET CAPS & SPRINGS

CAP SIZE/SPRING	SPRING LENGTH	ORDER CODE
6mm cap	–	CA-114
Spring to suit 6mm cap	200mm	CA-115
3/16" cap	–	CA-451
Spring to suit 3/16" cap	200mm	CA-450

Specifications and availability may be subject to change



Certificate No. 4746

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