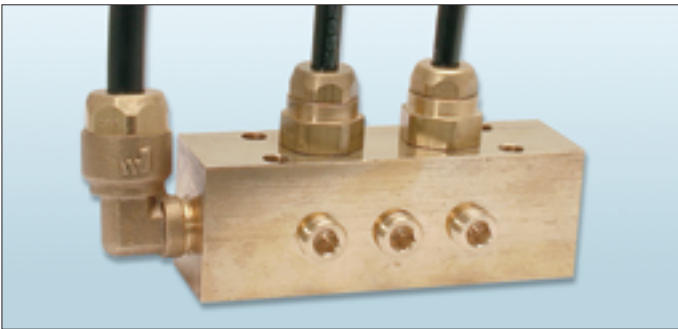
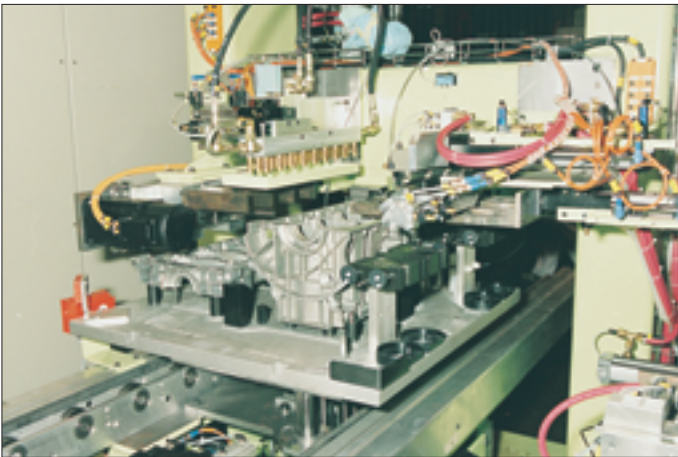


instant fittings for centralized lubrication



This range of fittings has been designed for uses involving both rotation or linear movements which require lubrication.

Designed using Legris push-in technology, this range is produced with specific applications in mind, hence its :

- emphasis on safety : the tube cannot be disconnected without using a spanner.

- nitrile seals on nut assemblies.

- sealing of tube by 2 "O" rings in addition to the gripping teeth.

These characteristics provide a perfect component for such applications as :

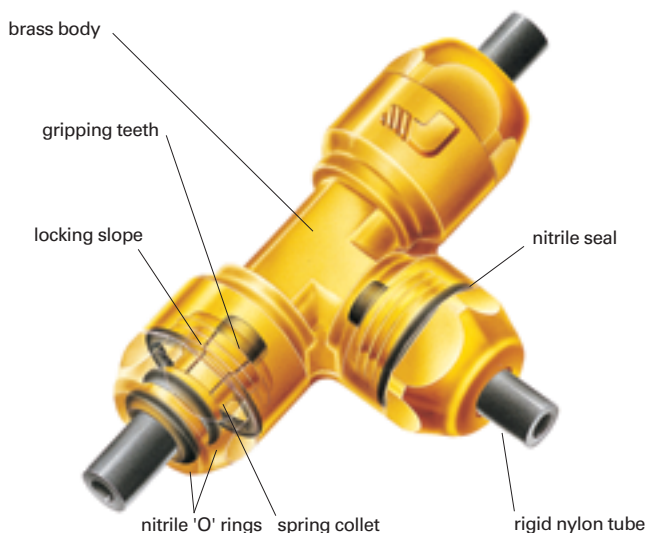
- lubrication circuits on industrial machinery : wood industry, textile, paper, cement industry...

- lubrication on industrial equipment and vehicles (trucks)

- lubrication on public works vehicles (mobile cranes) and agricultural equipment.

technical specifications

Reliable performance is dependent upon the tube being used, ambient temperature and fluid conveyed together with the component materials of the fitting.



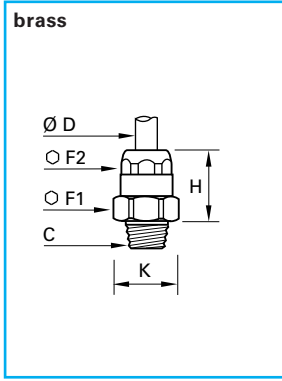
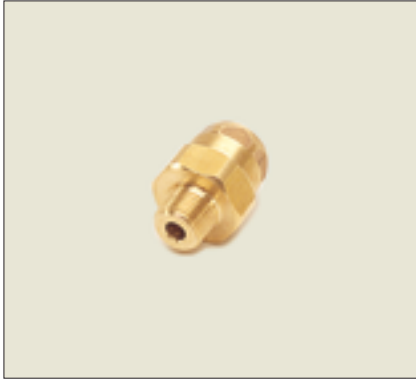
suitable fluids	Lubricating oils, liquid or viscous greases, oil sprays.
working pressure	Maximum 60 bar dependant upon the working temperature and type of tube used (See table on page C22). For use at higher pressure, please consult us.
working temperature	-40°C to +120°C dependent upon the material and the O.D. of the tube used. (See table on page C22).
materials of construction	brass nitrile rubber 'O' rings and seals.

maximum/minimum tightening torques

thread	M6 x1	M8 x1	M8 x1,25	M10 x1	M12 x1	M14 x1,5	R1/8"	R1/4"
da N.m	0,20/6	0,21/2	0,21	0,21/2	0,22	0,51/5	0,2/1,0	0,5/1,5
parallel		0,6/1		0,6/1	1,8/2,2			

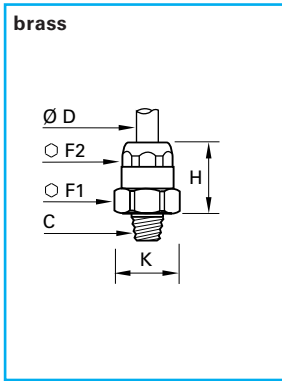
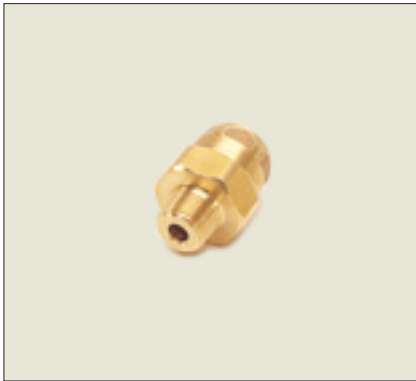
threaded fittings

6105 male stud fitting with BSPT thread



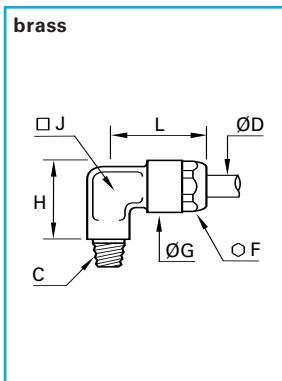
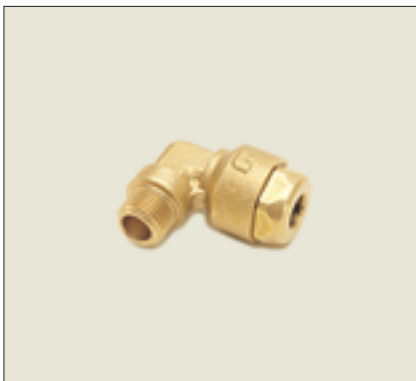
ØD	C		F1	F2	H	K	Δ kg
4	R1/8	6105 04 10	13	11	14,5	14	0,014
4	R1/4	6105 04 13	14	11	12,5	15	0,018
6	R1/8	6105 06 10	17	14	17,5	18,5	0,025
6	R1/4	6105 06 13	17	14	16,5	18,5	0,028

6105 male stud fitting with metric taper thread



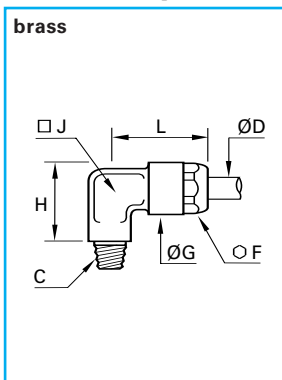
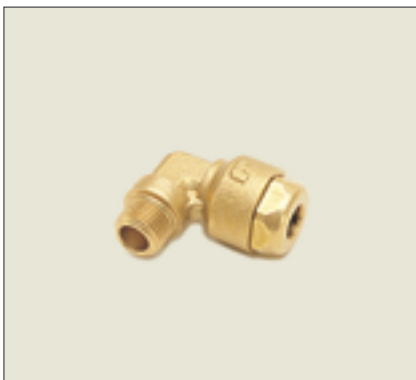
ØD	C		F1	F2	H	K	Δ kg
4	M6x1	6105 04 52	13	11	16,5	14	0,013
4	M8x1	6105 04 56	13	11	14,5	14	0,012
4	M8x1,25	6105 04 57	13	11	14,5	14	0,012
4	M10x1	6105 04 60	13	11	14,5	14	0,014
6	M10x1	6105 06 60	17	14	16,5	18,5	0,022
6	M14x1,5	6105 06 71	17	14	16,5	18,5	0,027
8	M12x1	6105 08 65	19	21	22,5	21	0,042
10	M14x1,5	6105 10 71	22	24	26	24	0,060

6179 male stud elbow with BSPT thread



ØD	C		F	G	H	J	L	Δ kg
4	R1/8	6179 04 10	11	12,5	15,5	6	20	0,016
4	R1/4	6179 04 13	11	12,5	17	6	20	0,023
6	R1/8	6179 06 10	14	16	18	8	24,5	0,029
6	R1/4	6179 06 13	14	16	19	8	24,5	0,033

6179 male stud elbow with metric taper thread

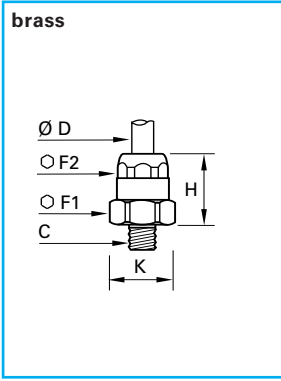
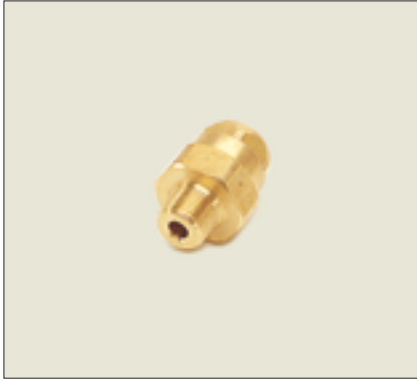


ØD	C		F	G	H	J	L	Δ kg
4	M6x1	6179 04 52	11	12,5	14,5	6	20	0,015
4	M8x1	6179 04 56	11	12,5	15	6	20	0,015
4	M8x1,25	6179 04 57	11	12,5	15	6	20	0,015
4	M10x1	6179 04 60	11	12,5	15,5	6	20	0,016
6	M10x1	6179 06 60	14	16	18	8	24,5	0,016
6	M12x1	6179 06 65	14	16	18	8	24,5	0,029
8	M12x1	6179 08 65	17	19	21	10	28,5	0,047

Should your requirement not be covered by our standard range, please consult us for special fittings.

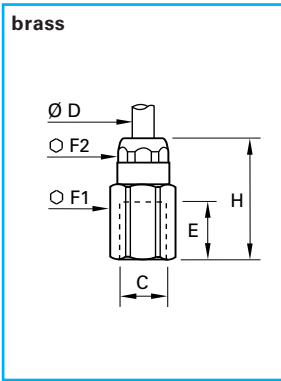
threaded fittings

6101 male stud fitting with metric parallel thread



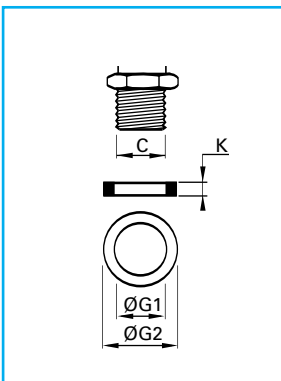
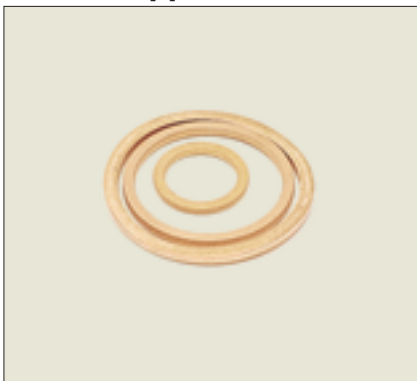
ØD	C		F1	F2	H	K	Δ kg
4	M10x1	6101 04 60	13	11	14	14	0,014
6	M10x1	6101 06 60	17	14	17,5	18,5	0,025
6	M12x1	6101 06 65	17	14	16,5	18,5	0,024

6114 female stud fitting with metric parallel thread



ØD	C		E	F1	F2	H	Δ kg
4	M8x1	6114 04 56	8	13	11	25,5	0,020
6	M8x1	6114 06 56	8	17	14	28,5	0,041

0138 copper washer



ØD		G1	G2	K	Δ kg
8	0138 08 00	8,3	11	1	0,001
10	0138 10 00	10,3	13,5	1	0,001
12	0138 12 00	12,3	15,5	1,5	0,001

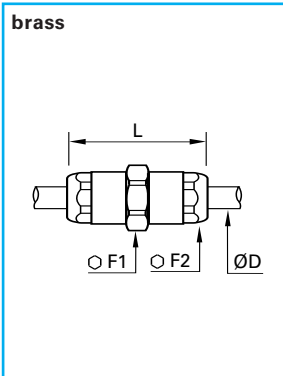
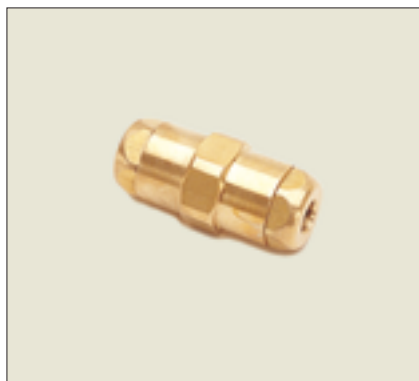
Instant fittings for centralized lubrication

Working pressure/temperature dependant upon the tube used

Ø tube mm	-40°C +20°C		+20°C +30°C		+30°C +50°C		+50°C +80°C		+80°C +110°C		R minimum bend radius for cold tube in mm		
	semi- rigid	rigid	semi- rigid	rigid	semi- rigid	rigid	semi- rigid	rigid	FEP 140	semi- rigid	rigid	FEP 140	
2 x 4	40	-	33	-	25,5	-	19	-	-	25	-	-	
2,5 x 4	-	52	-	43	-	32	-	24,5	7	-	35	20	
2,7 x 4	23	-	19	-	15	-	11	-	-	30	-	-	
4 x 6	24	45	20	37	15,5	29	11	21	6	35	45	30	
5 x 8	-	52	-	43	-	33	-	24	-	-	70	-	
6 x 8	17	32	14	27	11	21	8	15	4	55	65	50	
6 x 10	-	57	-	47	-	37	-	27	-	-	85	-	
7,5 x 10	17	-	14	-	11	-	8	-	-	75	-	-	
8 x 10	14	-	12	-	9	-	7	-	3	90	-	60	

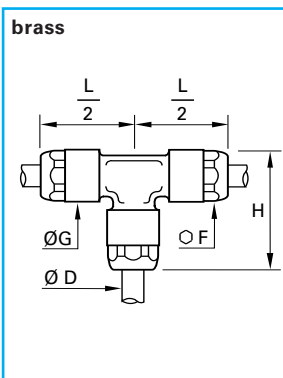
tube to tube fittings

6106 tube/tube connector



ØD		F1	F2	L	Δ kg
4	6106 04 00	13	11	34	0,025
6	6106 06 00	17	14	37	0,042
8	6106 08 00	19	17	43	0,069

6104 equal tee



ØD		F	G	H	L/2	Δ kg
4	6104 04 00	11	12,5	26,5	20	0,031
6	6104 06 00	14	16	32,5	24,5	0,066
8	6104 08 00	17	19	38	28,5	0,103

The Legris push in system for **centralized lubrication** is designed for use with **various plastic tubing** found in section M :

● **rigid nylon tube :**
4mm OD to 8 mm OD

● **semi-rigid nylon tube :**
4mm OD to 8 mm OD

● **fluoropolymer tube :**
4mm OD to 8 mm OD

