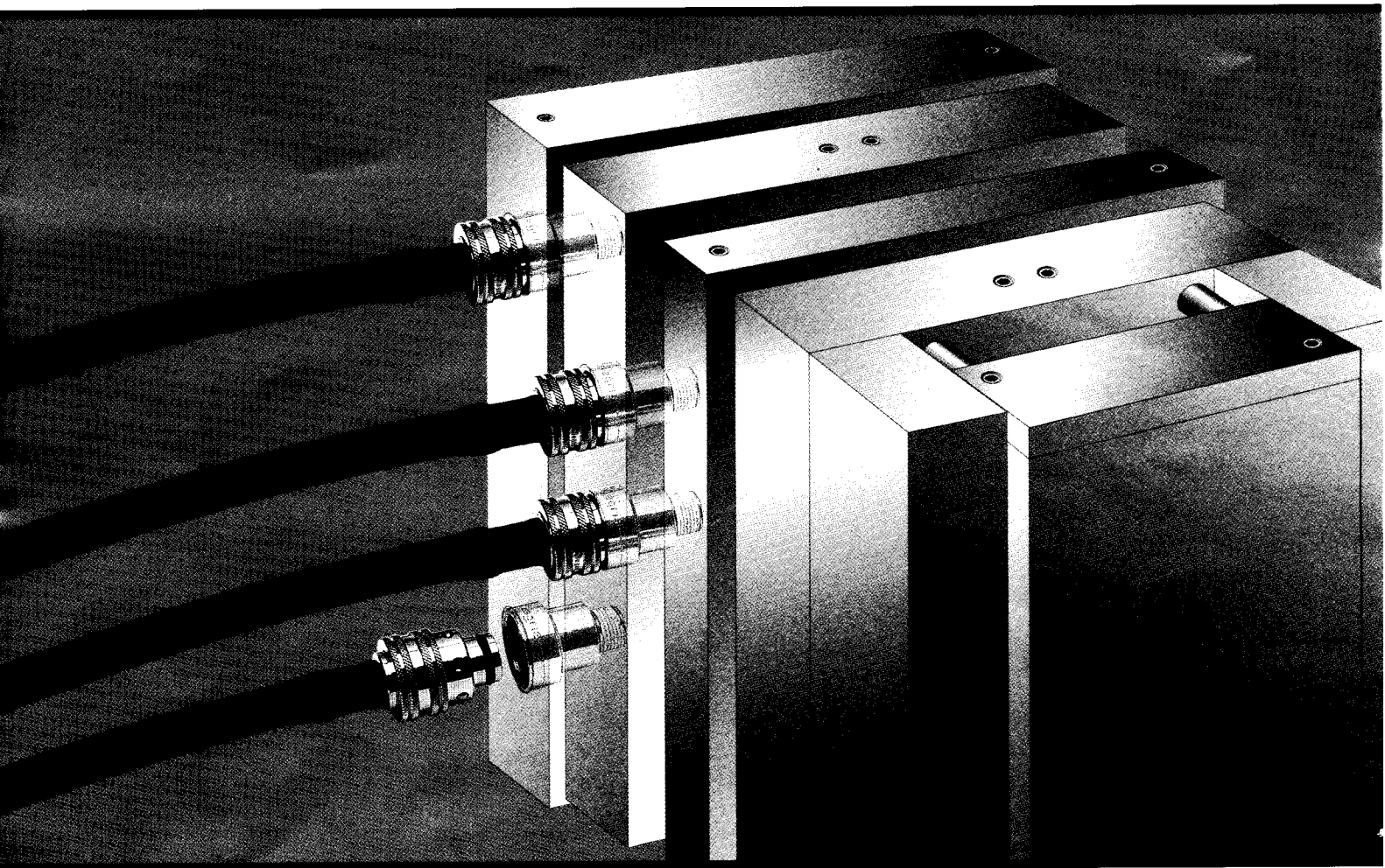




quick release mould couplers series 75



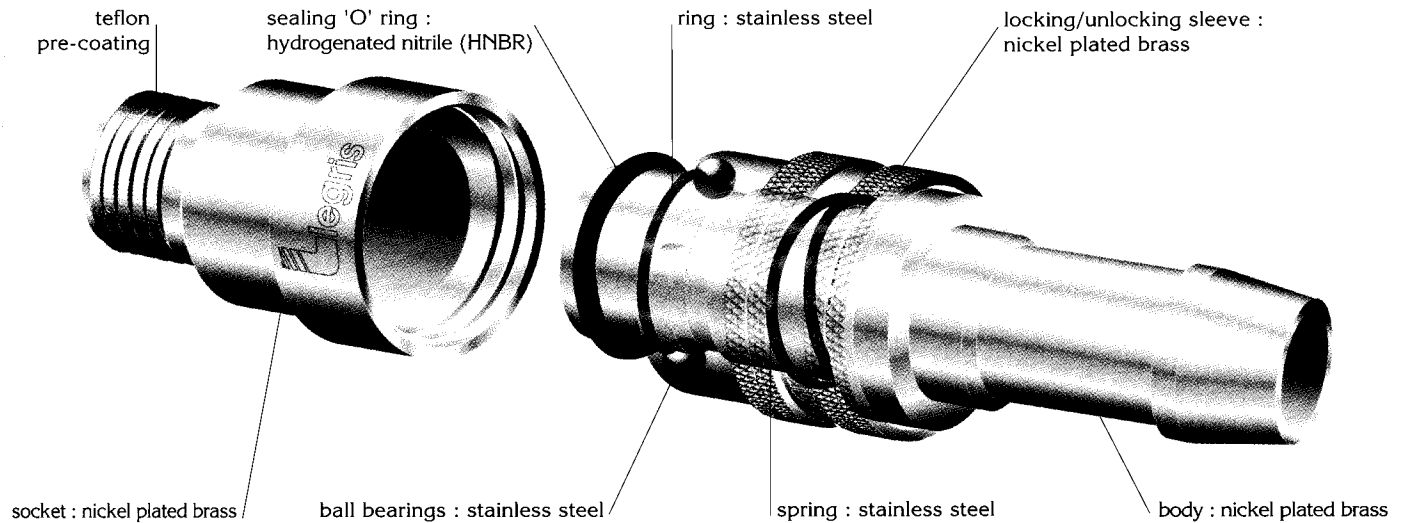
for plastic injection and die casting moulds



quick release mould couplers series 75

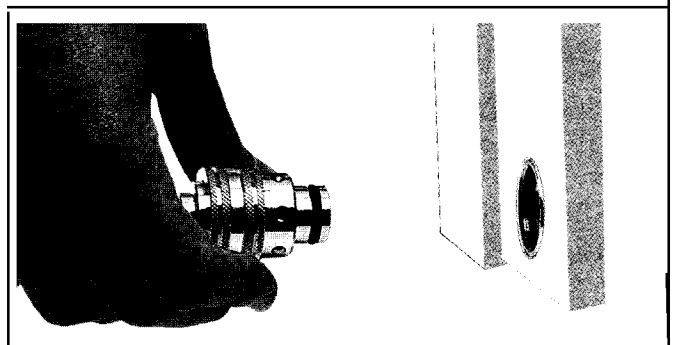


Series 75 Legris couplers are designed for the connection and disconnection of temperature regulation circuits for both plastic injection and die casting moulds.



automatic connection/instant disconnection by hand

- easily fitted with **one hand** by simply inserting the body into the socket.
- **ergonomic** design of the locking / unlocking sleeve : two knurled rings offer a **better grip**, enabling smooth disconnection by simply pulling back the sleeve.



performance to match users' needs

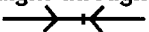
- **immediate seal** for the body due to the "O- ring" and the socket due to teflon pre-coated threads.
- **compactness** with **optimisation of flow**, preventing build up of deposits
- reliability of connection = **safety** assurance

a range designed to cover all essential requirements

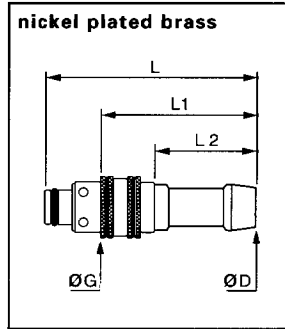
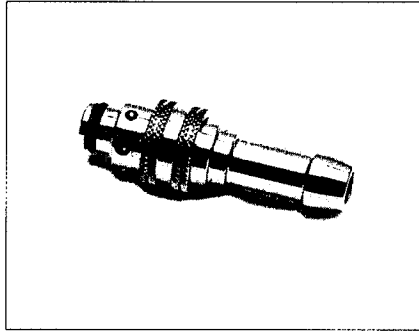
- bodies, straight or elbow, are available in DN 8 mm and DN12 mm
- sockets with 2 types of mounting : flush or standard mounting, with 4 thread sizes
- for hose I.D. 8, 10, 12 and 13 mm




quick release mould couplers series 75

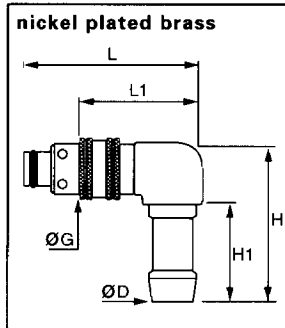
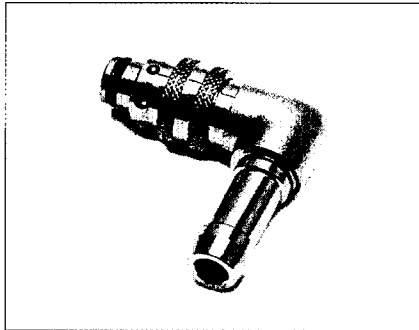
straight through



9L20 male body



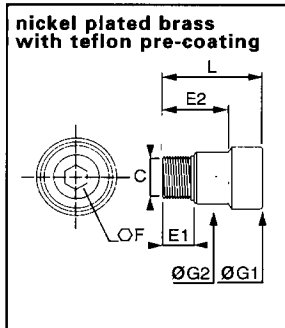
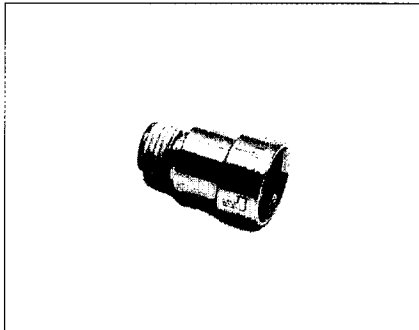
ØD	DN		G	L	L1	L2	Δ kg
8	8	9L20 04 08P085	21	60	44	28	0,051
10	8	9L20 04 10P085	21	60	44	28	0,054
12	8	9L20 04 12P085	21	65	48	32	0,063
13	12	9L20 05 13P085	32	75	53	32	0,164


9L21 male elbow



ØD	DN		G	L	L1	H	H1	Δ kg
12	8	9L21 04 12P085	21	54	38	56	32	0,109

9L75 female socket, BSP taper



C	DN		E1	E2	F	ØG1	ØG2	L	Δ kg
1/8	8	9L75 04 10X085	10	21	6	21	17,5	32	0,029
1/4	8	9L75 04 13X085	13	22	8	21	17,5	33	0,035
3/8	8	9L75 04 17X085	13	-	8	21	-	24	0,044
3/8	12	9L75 05 17X085	13	27	10	32	25	41	0,073
1/2	12	9L75 05 21X085	16	30	14	32	25	44	0,075

Technical specifications

Suitable fluids :

- cold water- refrigerated water hot water - oil.

Constituent materials :

- body and socket : nickel plated brass
 - 'O'-ring : hydrogenated nitrile (HNBR)

Application fields :

Thermoplastic moulds for plastic injection.
 Die casting moulds for zamac, aluminium and brass alloys.

Working pressure : 10 bar

Working temperature : -15° to +90°C
 (water applications)

*For temperatures above 90°C,
 please consult us.*

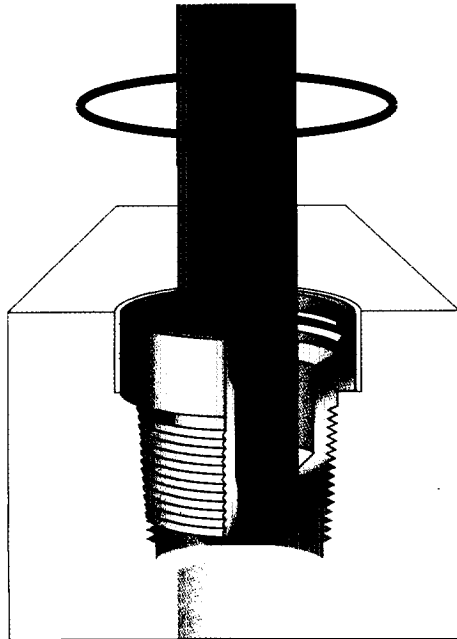
Quick release mould couplers series 75 allow connection with **Legris rubber hose**. Please contact us for additional information, including details of hot oil applications (+80°C to +160°C) which require special (viton) seals.

Mounting of the socket

Two methods for mounting are possible to equip the moulds. Female sockets are connected into the mould by use of an Allen key.

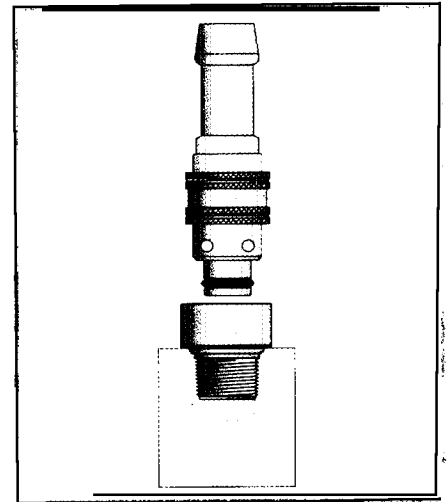
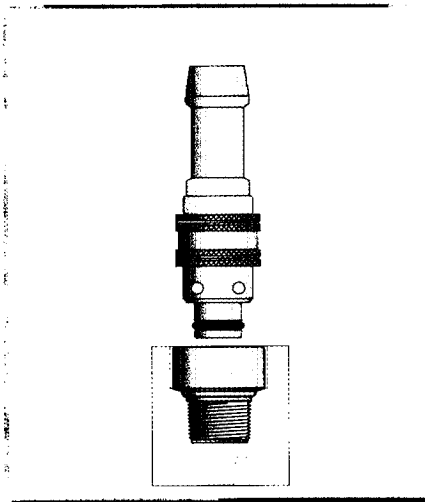
* flush-mounting

This mounting configuration is recommended for **new moulds**.

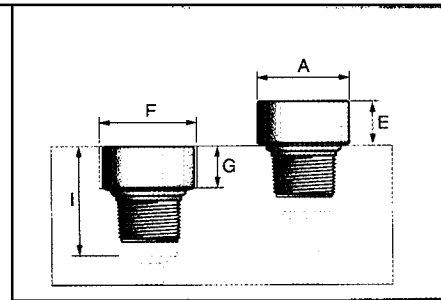


* standard mounting

This type of mounting is well suited for **existing moulds**, without specific adaptation of the mounting cavities.



Dimensions of cavities, according to the method of mounting



	A	E	F	G	I
9L75 04 10X085	21	22	22	24	33
9L75 04 13X085	21	22	22	24	34
9L75 04 17X085	21	11	22	13	25
9L75 05 17X085	32	28	33	30	42
9L75 05 21X085	32	28	33	30	45



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