

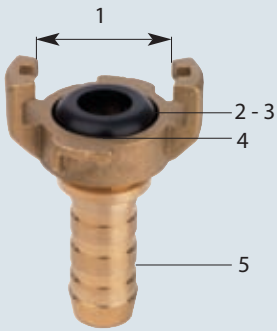
STANDARD

LMC's Express couplings are symmetrical half-couplings used for water and air applications complying with the NF E 29-573 standard.

OPERATION

The two couplings are pushed together and rotated to form a seal. The claws of express couplings are spaced at a standard 41 mm, and are not interchangeable with 'GK' and European air couplings.

FEATURES



1. Claw distance 41 mm
2. Supplied as standard with profiled NBR seal offering excellent sealing properties and with an operating temperature range of -30°C / -22°F to 120°C / 248°F
3. Machined seal sitting
4. Machined serrated hose shank for perfect rigidity when assembled with worm drive or claw clamps
5. The high mechanical strength of Express coupling claws ensures longer working life

APPLICATION

For water and air applications

WORKING PRESSURE

10 bar / 145 psi

TEMPERATURE

-30°C / -22°F up to 120°C / 248°F

Hose, coupling, assembly method and seal must be chosen in relation with the desired application and temperature range.

MATERIAL

- Coupling
 - Brass
 - Stainless steel AISI 316 - DIN 1.4401
- Seal
 - NBR for brass version (standard)
 - FPM for stainless steel version

ASSEMBLY

Worm drive clamps
Clamps

THREADS

Male thread: EN ISO 228-1, BSP
Female thread: EN ISO 228-1, BSP



EXPRESS COUPLINGS



EXPRESS COUPLING MALE THREADED

ND	Inch	Thread EN ISO 228-1	Material	Weight/pc Kg	Reference
6	1/4"	G 1/4	Brass	0.09	EXM006
10	3/8"	G 3/8	Brass	0.10	EXM010
13	1/2"	G 1/2	Brass	0.10	EXM013
19	3/4"	G 3/4	Brass	0.10	EXM019
25	1"	G 1	Brass	0.14	EXM025
32	1.1/4"	G 1.1/4	Brass	0.25	EXM032
10	3/8"	G 3/8	Stainless steel	0.10	EXMR010
13	1/2"	G 1/2	Stainless steel	0.10	EXMR013
19	3/4"	G 3/4	Stainless steel	0.10	EXMR019
25	1"	G 1	Stainless steel	0.25	EXMR025



Claw distance: 41 mm
 Working pressure: 10 bar / 145 psi
 Profiled seal: NBR (standard) for brass version
 FPM for stainless steel version
 Stainless steel: AISI 316 - EN 1.4401
 Male thread EN ISO 228-1, BSP

EXPRESS COUPLING FEMALE THREADED

ND	Inch	Thread EN ISO 228-1	Material	Weight/pc Kg	Reference
6	1/4"	G 1/4	Brass	0.09	EXF006
10	3/8"	G 3/8	Brass	0.10	EXF010
13	1/2"	G 1/2	Brass	0.10	EXF013
19	3/4"	G 3/4	Brass	0.11	EXF019
25	1"	G 1	Brass	0.11	EXF025
32	1.1/4"	G 1.1/4	Brass	0.25	EXF032
10	3/8"	G 3/8	Stainless steel	0.10	EXFR010
13	1/2"	G 1/2	Stainless steel	0.10	EXFR013
19	3/4"	G 3/4	Stainless steel	0.11	EXFR019
25	1"	G 1	Stainless steel	0.25	EXFR025



Claw distance: 41 mm
 Working pressure: 10 bar / 145 psi
 Profiled seal: NBR (standard) for brass version
 FPM for stainless steel version
 Stainless steel: AISI 316 - EN 1.4401
 Female thread EN ISO 228-1, BSP

EXPRESS COUPLINGS



EXPRESS COUPLING WITH SERRATED HOSE SHANK

ND	Inch	For hose mm	Material	Weight/pc Kg	Reference
6	1/4"	6	Brass	0.10	EXS006
10	3/8"	10	Brass	0.12	EXS010
13	1/2"	13	Brass	0.12	EXS013
16	5/8"	16	Brass	0.13	EXS016
20	3/4"	20	Brass	0.13	EXS020
25	1"	25	Brass	0.15	EXS025
13	1/2"	13	Stainless steel	0.11	EXSR013
16	5/8"	16	Stainless steel	0.12	EXSR016
20	3/4"	20	Stainless steel	0.13	EXSR019
25	1"	25	Stainless steel	0.16	EXSR025



Claw distance: 41 mm
 Working pressure: 10 bar / 145 psi
 Profiled seal: NBR (standard) for brass version
 FPM for stainless steel version
 Assembly: worm drive clamps
 Stainless steel: AISI 316 - EN 1.4401

CLAMPS

Material	Outside hose min-max mm	Weight/pc Kg	Reference
Carbon steel	19-21	0.04	EXK020
Carbon steel	22-25	0.04	EXK022
Carbon steel	25-27	0.06	EXK026
Carbon steel	28-30	0.06	EXK029
Carbon steel	31-33	0.08	EXK032
Carbon steel	34-36	0.13	EXK035
Carbon steel	37-39	0.15	EXK038



EXPRESS COUPLING CAP

Material	Weight/pc Kg	Reference
Brass	0.13	EXK
Stainless steel	0.13	EXKR



Claw distance: 41 mm
 Working pressure: 10 bar / 145 psi
 Profiled seal: NBR (standard) for brass version
 FPM for stainless steel version
 Cap without chain
 Stainless steel: AISI 316 - EN 1.4401

EXPRESS COUPLINGS



PROFILED SEAL

Material	Colour	OD Ø mm	ID Ø mm	Height +0,5 mm	Box pieces	Weight kg	Reference
NBR	black	35.0	15.0	10.0	50	0.01	EXX
FPM	green	35.0	15.0	10.0	50	0.01	EXXV

