

# Micro Quick Connect Couplings

## Series ESMC single shut-off

**DN 2.7**



Also in Stainless Steel  
Series ESMCE  
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- One-hand quick connect couplings with smallest dimensions made of brass MS 58 plain/ nickel-plated
- Suitable for low vacuum at low couple force compared to all other compatible products
- On request, couplings also available with coloured anodised aluminium sleeves
- Can be used in multiple applications in pneumatics, measure, control and regulation technology

### Materials

- Body, sleeve, valve body, valve, plug: Brass MS 58 plain/ nickel-plated
- Springs, retaining ring: Stainless steel 1.4310
- Balls: Stainless steel 1.3541
- Seals: NBR (other materials on request)

Max. Working Pressure	Temperature	DN	Thread	Flow Rate	Operation	Type of valve	Media	Area	
PN 35 bar	-20°C – +100°C	2.7	ISO 228 / DIN 13	165 l/min	One-hand	Single shut-off	Air / Others	Europe	10

### Couplings with male thread

Thread connection	L	SW	D	L1	Weight	Type No. n. plated	Type No. plain
M 5 m	26	9	10	5	9	ESMCN 5 A	ESMC 5 A
G 1/8 m	28	11	10	7	12	ESMCN 18 A	ESMC 18 A

### Couplings with female thread

Thread connection	L	SW	D	L1	Weight	Type No. n. plated	Type No. plain
M 5 f	26	9	10	5	10	ESMCN 5 I	ESMC 5 I
G 1/8 f	28	12	10	7	14	ESMCN 18 I	ESMC 18 I

### Couplings with hose barb

Hose connection	L	D	L1	Weight	Type No. n. plated	Type No. plain
Hose i.D. 3	35	10	13	9	ESMCN 3 T	ESMC 3 T
Hose i.D. 4	35	10	13	10	ESMCN 4 T	ESMC 4 T
Hose i.D. 5	35	10	13	10	ESMCN 5 T	ESMC 5 T

For hose clips type ZOS (© page 130) or type HS (© page 131)

### Couplings with hose squeeze nut

Hose connection	L	SW	D	Weight	Type No. n. plated	Type No. plain
Hose 3x4	33	9	10	15	ESMCN 34 TQ	ESMC 34 TQ
Hose 3x5	33	9	10	15	ESMCN 3 TQ	ESMC 3 TQ
Hose 4x6	32	9	10	15	ESMCN 4 TQ	ESMC 4 TQ

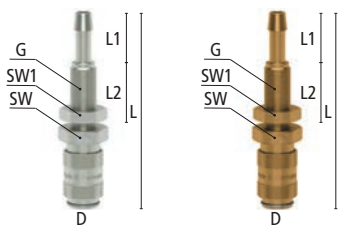
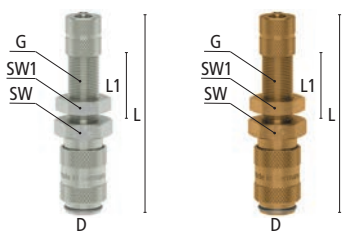
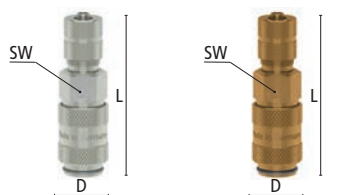
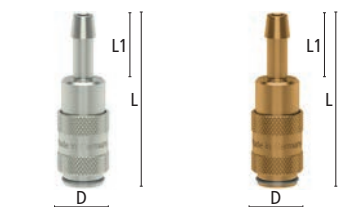
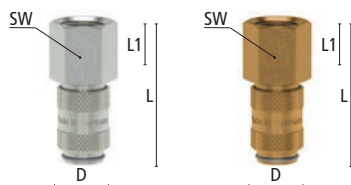
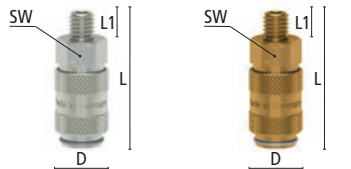
### Couplings with hose squeeze nut and bulkhead screwing

Hose connect.	L	SW	D	L1	SW1	G	Weight	Type No. n. plated	Type No. plain
Hose 3x4	45	12	10	17	11	M 7x0.5 m	26	ESMCN 34 TQSV	ESMC 34 TQSV
Hose 3x5	45	12	10	17	11	M 7x0.5 m	26	ESMCN 35 TQSV	ESMC 35 TQSV
Hose 4x6	45	12	10	17	12	M 8x0.5 m	26	ESMCN 4 TQSV	ESMC 4 TQSV

For hose clips type ZOS (© page 130) or type HS (© page 131)

### Couplings with hose barb and bulkhead screwing

Hose connect.	L	SW	D	L1	L2	SW1	G	Weight	Type No. n. plated	Type No. plain
Hose i.D. 3	51	12	10	13	17	11	M 7x0.5 m	24	ESMCN 3 TSV	ESMC 3 TSV
Hose i.D. 4	51	12	10	13	17	11	M 7x0.5 m	24	ESMCN 4 TSV	ESMC 4 TSV
Hose i.D. 5	51	12	10	13	17	12	M 8x0.5 m	24	ESMCN 5 TSV	ESMC 5 TSV

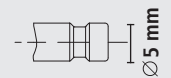


# Micro Quick Connect Couplings

single shut-off **Series ESMC**

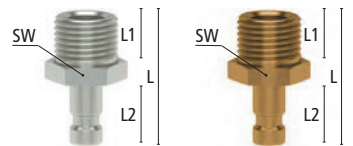
**DN 2.7**

Plug Profile (original size)



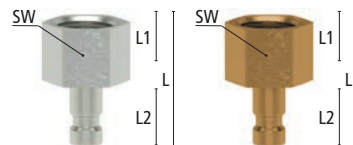
## Plugs with male thread

Thread connection	L	SW	L1	L2	Weight	Type No. n. plated	Type No. plain
M 5 m	18	7	5	10	3	ESMCN 5 NA	ESMC 5 NA
G 1/8 m	20	11	7	10	6	ESMCN 18 NA	ESMC 18 NA



## Plugs with female thread

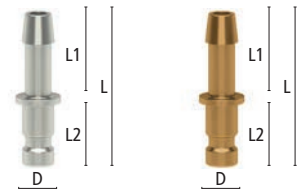
Thread connection	L	SW	L1	L2	Weight	Type No. n. plated	Type No. plain
M 5 f	17	7	5	10	3	ESMCN 5 NI	ESMC 5 NI
G 1/8 f	19	12	7	10	6	ESMCN 18 NI	ESMC 18 NI



## Plugs with hose barb

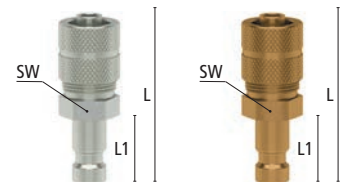
Hose connection	L	D	L1	L2	Weight	Type No. n. plated	Type No. plain
Hose i.D. 3	24	7	13	10	2	ESMCN 3 S	ESMC 3 S
Hose i.D. 4	24	7	13	10	3	ESMCN 4 S	ESMC 4 S
Hose i.D. 5	24	9	13	10	3	ESMCN 5 S	ESMC 5 S

For hose clips type ZOS (© page 130) or type HS (© page 131)



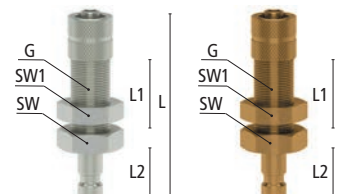
## Plugs with hose squeeze nut

Hose connection	L	SW	L1	Weight	Type No. n. plated	Type No. plain
Hose 3x4	25	8	10	12	ESMCN 34 SQ	ESMC 34 SQ
Hose 3x5	25	8	10	12	ESMCN 3 SQ	ESMC 3 SQ
Hose 4x6	25	8	10	12	ESMCN 4 SQ	ESMC 4 SQ



## Plugs with hose squeeze nut and bulkhead screwing

Hose connect.	L	SW	L1	L2	SW1	G	Weight	Type No. n. plated	Type No. plain
Hose 3x4	38	12	17	10	11	M 7x0.5 m	23	ESMCN 34 SQSV	ESMC 34 SQSV
Hose 3x5	38	12	17	10	11	M 7x0.5 m	23	ESMCN 35 SQSV	ESMC 35 SQSV
Hose 4x6	38	12	17	10	12	M 8x0.5 m	23	ESMCN 4 SQSV	ESMC 4 SQSV



## Plugs with hose barb and bulkhead screwing

Hose connect.	L	SW	L1	L2	L3	SW1	G	Weight	Type No. n. plated	Type No. plain
Hose i.D. 3	45	12	13	17	10	11	M 7x0.5 m	21	ESMCN 3 SSV	ESMC 3 SSV
Hose i.D. 4	45	12	13	17	10	11	M 7x0.5 m	21	ESMCN 4 SSV	ESMC 4 SSV
Hose i.D. 5	45	12	13	17	10	12	M 8x0.5 m	21	ESMCN 5 SSV	ESMC 5 SSV

