



QUICK COUPLING FOR COMPRESSED AIR



Exclusively distributed by **RUBIX** www.rubix.com



OUR
EXCLUSIVE
BRANDS

EFFICIENCY. AVAILABILITY. RELIABILITY.

CONTENTS

QUICK COUPLING FOR COMPRESSED AIR

QUICK RELEASE SAFETY COUPLINGS - ISO B

Male Threaded Couplings ISO B.....	113
Female Threaded Couplings ISO B	113
Coupling ISO B for Hose	113
Male Threaded Plug ISO B	113
Female Threaded Plug ISO B.....	113
Hose Barb Plug ISO B	113

QUICK RELEASE SAFETY COUPLINGS - EUROPEAN PROFILE

Male Threaded Couplings European Profile	115
Female Threaded Couplings European Profile.....	115
Coupling European Profile for Hose	115
Male Threaded Plug European Profile.....	115
Female Threaded Plug European Profile	115
Hose barb Plug European Profile	115

QUICK RELEASE SAFETY COUPLINGS WITH BUTTON - ISO C

Male Threaded Couplings ISO C.....	117
Female Threaded Couplings ISO C	117
Coupling ISO C for Hose	117
Male Threaded Plug ISO C	117
Female Threaded Plug ISO C.....	117
Hose barb Plug ISO C.....	117

MULTI QUICK COUPLINGS AND PLUGS (5 / 5.5 / 7.5 - 7.8 MM)

Male Threaded Couplings Multiprofile.....	119
Female Threaded Couplings Multiprofile	119
Coupling for Hose Multiprofile.....	119
Male Threaded Plug ISO B	119
Female Threaded Plug ISO B.....	119
Hose barb Plug ISO B.....	119

MINI QUICK COUPLINGS AND PLUGS (5 MM)

Male Threaded Couplings Mini Profile.....	121
Female Threaded Couplings Mini Profile	121
Couplings Mini Profile for Tube.....	121
Coupling Mini Profile for Hose.....	121
Male Threaded Plug Mini Profile	121
Female Threaded Plug Mini Profile.....	121
Push-on Plug Mini Profile for Tube	121
Hose barb Plug Mini Profile.....	121

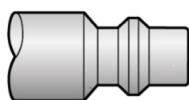
HIGH FLOW QUICK COUPLING AND PLUG EUROPEAN PROFILE

Male Threaded Couplings European Profile	123
Female Threaded Couplings European Profile.....	123
Male Threaded Plug European Profile.....	123
Female Threaded Plug European Profile	123
Hose barb Plug European Profile	123

QUICK RELEASE SAFETY COUPLINGS - ISO B



- MECALINE coupling enable connection and disconnection in complete safety, via a pressurisation mechanism that guarantees disconnection with no risk of hose-whip
- Our safety couplings are compliant with the ISO 4414 standard.
- Standards: ISO 6150 B Ø 6 mm
- Flow: 833l l/min to 6 bars using Delta P 10%.



Applications: Compress air

Temperature limits: Operating temperature: -15/+70 °C



Security system release by 2 opposing movements

Disconnection: The coupling and adapter are connected when the collar on the coupling is moved, the adapter moves back, releasing the valve which then closes.



1. **Depressurisation of the network in the downline circuit.**
2. **Safe disconnection of the coupling adapter.**

MALE THREADED COUPLINGS ISO B



Code	Connection	A	B	C
736032	R 1/4	74,5	30,2	17
736033	R 3/8	77	30,2	23
736034	R 1/2	79	30,2	23

FEMALE THREADED COUPLINGS ISO B



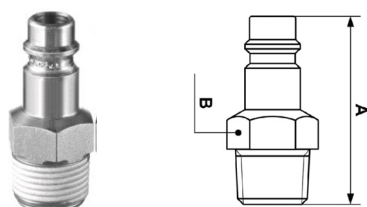
Code	Connection	A	B	C
736028	G 1/4	64	30,2	17
736029	G 3/8	71	30,2	23
736030	G 1/2	77	30,2	25

COUPLING ISO B FOR HOSE



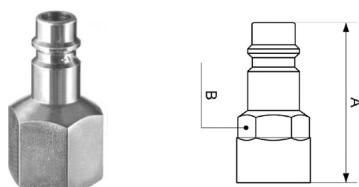
Code	Hose Internal Diameter	A	B	C
736036	6	82	30,2	-
736037	8	82	30,2	-
736038	10	82	30,2	-

MALE THREADED PLUG ISO B



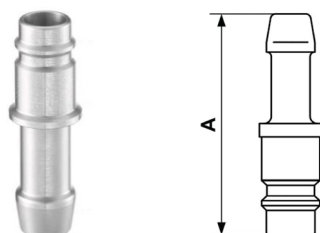
Code	Connection	A	B
612836	R 1/4	39.5	13
669056	R 3/8	42	17
860297	R 1/2	39	24

FEMALE THREADED PLUG ISO B



Code	Connection	A	B
612835	G1/4	40.5	15
734788	G3/8	45	21
860296	G1/2	39.5	24

HOSE BARB PLUG ISO B



Code	Hose Internal Diameter	A
612837	6	49
612838	8	50
612839	10	50
736015	13	85

QUICK RELEASE SAFETY COUPLINGS - EUROPEAN PROFILE



- MECALINE coupling enable connection and disconnection in complete safety, via a pressurisation mechanism that guarantees disconnection with no risk of hose-whip
- Our safety couplings are compliant with the ISO 4414 standard.
- Standards: European Profile
- Port Size: EURO 7.4 mm
- Flow: 820 l/min to 12 bars using Delta P 10%.
- Flow: 1470 l/min to 6 bars using Delta P 10%.

Applications: Compress air

Temperature limits: Operating temperature: -15/+70 °C



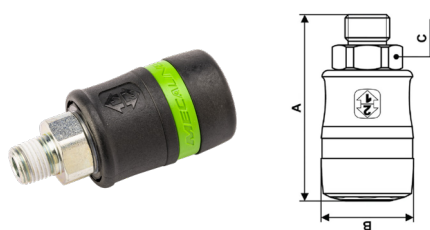
Security system release by 2 opposing movements

Disconnection: The coupling and adapter are connected when the collar on the coupling is moved, the adapter moves back, releasing the valve which then closes.



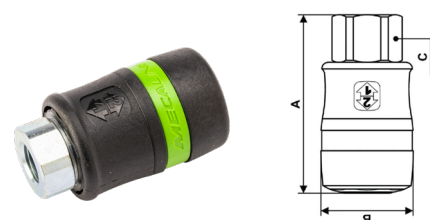
1. **Depressurisation of the network in the downline circuit.**
2. **Safe disconnection of the coupling adapter.**

MALE THREADED COUPLINGS EUROPEAN PROFILE



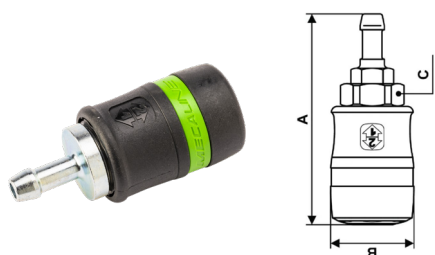
Code	Connection	A	B	C
880683	R1/4	71	33	21
880684	R3/8	72	33	21
880685	R1/2	75	33	25

FEMALE THREADED COUPLINGS EUROPEAN PROFILE



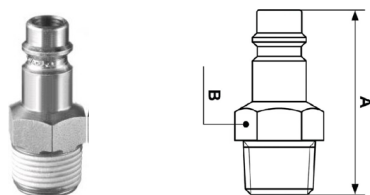
Code	Connection	A	B	C
880680	G1/4	60	33	21
880681	G3/8	60	33	21
880682	G1/2	70	33	25

COUPLING EUROPEAN PROFILE FOR HOSE



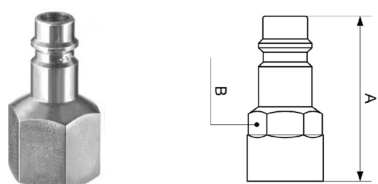
Code	Hose Internal Diameter	A	B	C
880686	6	78	33	-
880687	8	78	33	-
880688	10	78	33	-
880689	13	83	83	-

MALE THREADED PLUG EUROPEAN PROFILE



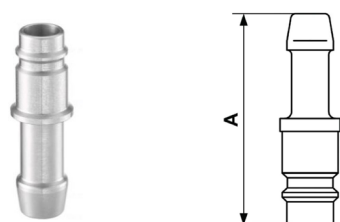
Code	Connection	A	B
880694	R1/4	35.5	13
880695	R3/8	41	17
880696	R1/2	52	24

FEMALE THREADED PLUG EUROPEAN PROFILE



Code	Connection	A	B
880691	G1/4	40	15
880692	G3/8	41	21
880693	G1/2	44	27

HOSE BARB PLUG EUROPEAN PROFILE



Code	Hose Internal Diameter	A
880697	6	44.5
880698	8	46
880699	10	46
880700	13	51.5

QUICK RELEASE SAFETY COUPLINGS WITH BUTTON - ISO C



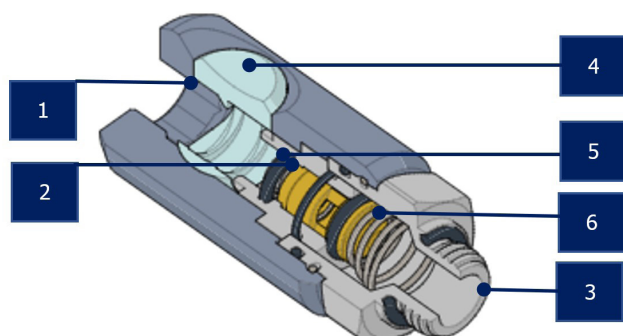
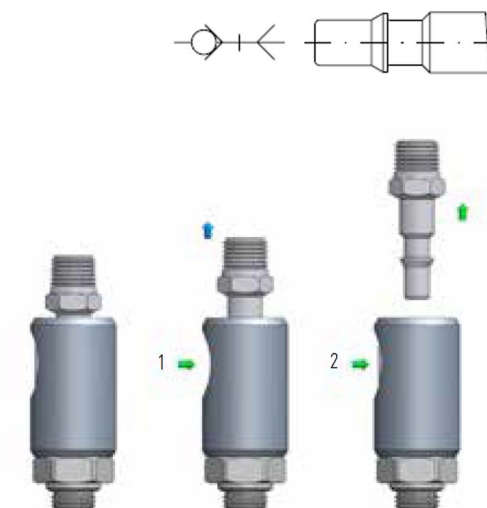
- Pressing the button first decompress the line, then with a second press of the button where there is a safe release of the coupling without the risk of whiplash.
- Robust Anodised Aluminium body.
- Standards: ISO 4414 - DIN EN 983 - ISO 6150 Series C
- Port size: 5.5 mm
- Flow: 680l/min to 6 bars using Delta P 10%.

Application:

- Compressed Air & Tools
- Pneumatic & Fluid technology
- Life & Sciences

Specification:

- Fluids: Air, vacuum
- Working Pressure: 12 Bar
- Temperature range: -20°C -> 80°C
- Flow Rate: 680 NI/min



Material:

1. Body: Anodised Aluminium Al2011
2. Valve: Brass UNI EN 12164 CW614N
3. Thread: Brass nickel plated UNI EN 12164 CW614N
4. Button: Hardened, zinc plated steel 11SMnPb37
5. Seals: NBR
6. Springs: Stainless Steel AISI 302

MALE THREADED COUPLINGS ISO C



Code	D1	D2	L1	L2	CH
894381	G1/4	25	6.5	56.1	21
894382	G3/8	25	7	56.1	21
894383	G1/2	25	8.5	58.6	25

FEMALE THREADED COUPLINGS ISO C



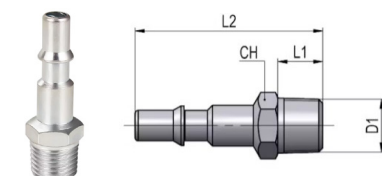
Code	D1	D2	L1	L2	CH
894377	G1/4	25	9	59.6	21
894378	G3/8	25	10	61.6	21
894379	G1/2	25	11	63.6	24

COUPLING ISO C FOR HOSE



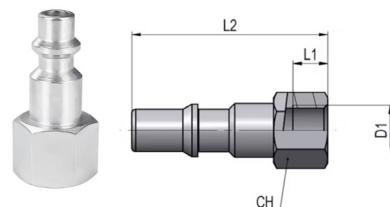
Code	Hose Internal Diameter	D1	D2	L1	CH
894385	6	7	25	74.6	21
894386	8	9	25	74.6	21
894387	10	11	25	74.6	21

MALE THREADED PLUG ISO C



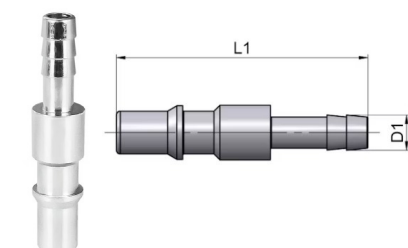
Code	D1	L1	L2	CH
894393	R1/4	11	46	14
894394	R3/8	11.5	46.5	17
894395	R1/2	14	49	22

FEMALE THREADED PLUG ISO C



Code	D1	L1	L2	CH
894389	G1/4	9.5	43	17
894390	G3/8	10.5	45	20
894391	G1/2	11	47	24

HOSE BARB PLUG ISO C



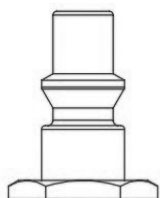
Code	Hose Internal Diameter	D1	L1
894397	6	7	57
894398	8	9	57
894399	10	11	57

MULTI QUICK COUPLINGS AND PLUGS (5 / 5.5 / 7.5 – 7.8 MM)



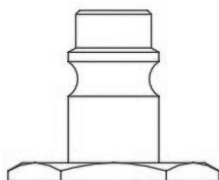
MULTI quick coupling is a practical and cost-effective solution to connect a single coupling with 4 different types of plug profiles: European (7.5-7.8 mm), ISO B12 (5.5mm), Italian (5mm) and Swiss (5.5mm). The special designed of the couplings allows an easy assemble with different profiles, ensuring a perfect tightening.

PROFIL
SWISS



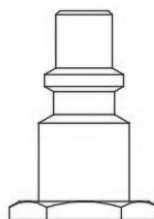
DN
5.5 mm

PROFIL
EUROPEAN



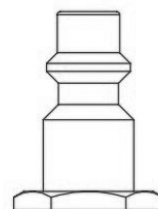
DN
7.5 - 7.8 mm

PROFIL
ITALIAN



DN
5 mm

PROFIL
UNI ISO 6150 B-12



DN
5.5 mm

Interchangeability:

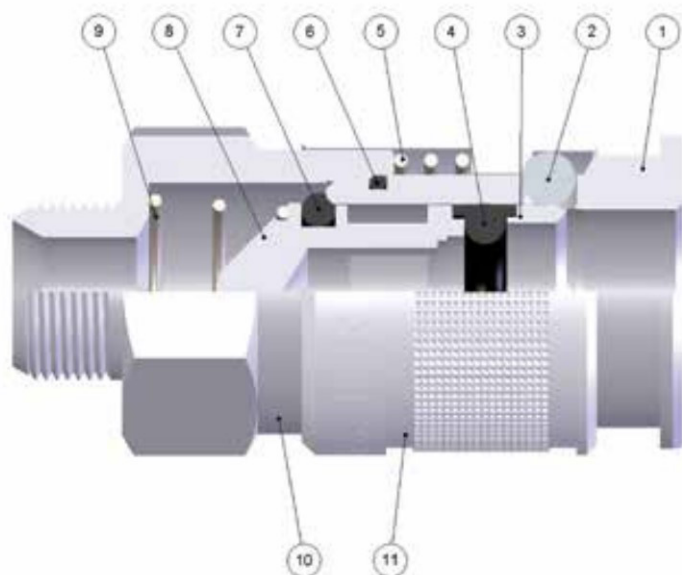
- Rectus Parker
- Camozzi
- CEJN
- Aignep

Application:

- Compressed Air & Tools
- Pneumatic & Fluid technology
- Life & Sciences

Specification:

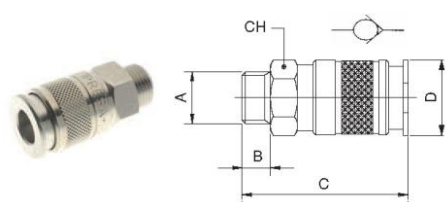
- Fluids: Air, vacuum
- Working Pressure: 16 Bar
- Max Static Pressure: 35 Bar
- Temperature range: -20°C -> 80°C



Materials used:

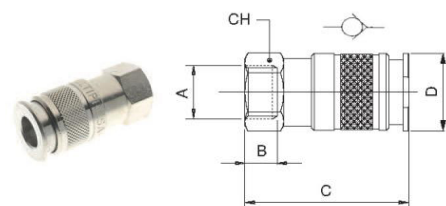
- (1) Nickel-Plated Brass Body
- (2) Stainless Steel AISI 420 Balls
- (3) Nickel-Plated Brass Guide Ring Coupling
- (4) NBR O-Ring Seals
- (5) Stainless Steel AISI 302 Ring Nut Spring
- (6) NBR O-Ring Seals
- (7) NBR O-Ring Seals
- (8) Nickel-Plated Brass Shutter
- (9) Stainless Steel AISI 302 Shutter Spring
- (10) Nickel-Plated Brass Coupling Back Part
- (11) Nickel-Plated Brass Sleeve

MALE THREADED COUPLINGS MULTIPROFILE



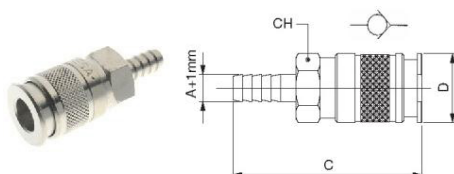
Code	A	B	C	D	CH
884663	1/4	8	49	24	21
884664	3/8	9	50	24	21
884665	1/2	10	51	24	24

FEMALE THREADED COUPLINGS MULTIPROFILE



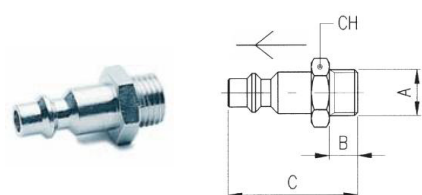
Code	A	B	C	D	CH
884667	1/4	11	51	24	21
884668	3/8	11.5	51	24	21
884669	1/2	14	55	24	24

COUPLING FOR HOSE MULTIPROFILE



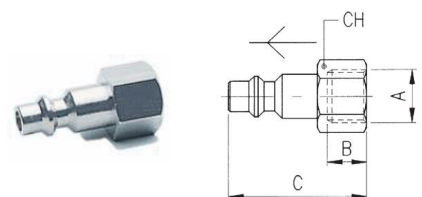
Code	A	C	D	CH
884671	6	61	24	21
884672	8	61	24	21
884673	10	61	24	21
884674	12	61	24	21

MALE THREADED PLUG ISO B



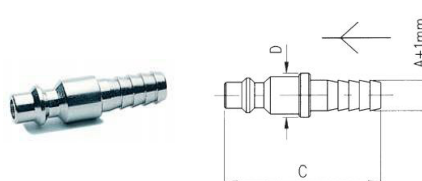
Code	A	B	C	CH
884676	1/4	8	36.5	17
884677	3/8	9	37.5	19
884678	1/2	10	39	24

FEMALE THREADED PLUG ISO B



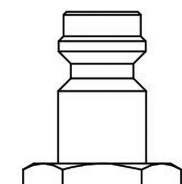
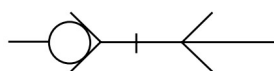
Code	A	B	C	CH
884680	1/4	11	36.5	17
884681	3/8	11.5	37	19
884682	1/2	14	39.5	24

HOSE BARB PLUG ISO B



Code	A	C	D
884684	4	43.5	12
884685	6	43.5	12
884686	10	46	14
884687	12	46	16

MINI QUICK COUPLINGS AND PLUGS (5 MM)



DN
5 mm

Mini industrial coupling and plugs (5 mm diameter) with single shut off are the world's most popular profile in this nominal diameter. Suitable for compressed air and water and a wide range of liquid and gaseous media. Coupling system with single-hand operation.

Interchangeability:

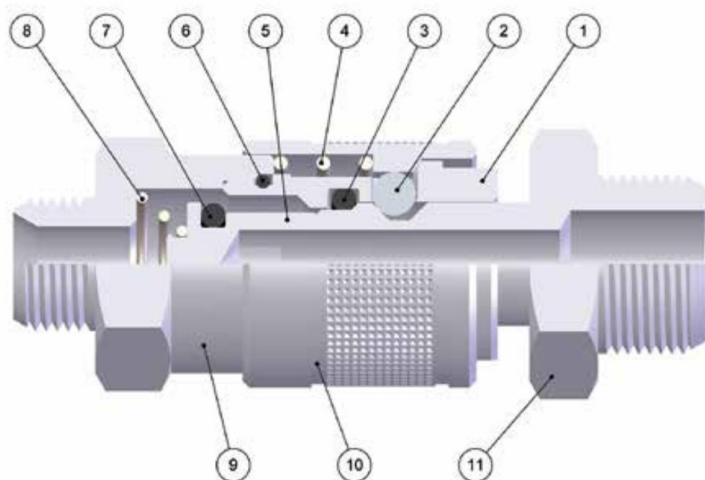
- Rectus Parker Serie 21/90
- Camozzi 5050/5150
- CEJN 200
- Aignep Serie 120/210

Application:

- Compressed Air & Tools
- Pneumatic & Fluid technology
- Life & Sciences

Specification:

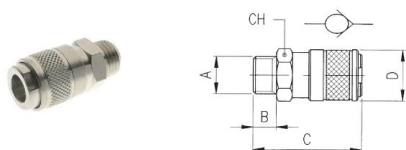
- Fluids: Air, vacuum
- Working Pressure: 12 Bar
- Max Static Pressure: 35 Bar
- Temperature range: -20°C -> 80°C
- Flow Rate: 550 NI/min



Material:

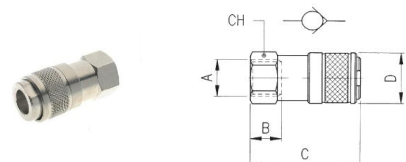
- (1) Nickel-Plated Brass Body
- (2) Stainless Steel AISI 420 Balls
- (3) NBR O-Ring Seals
- (4) Stainless Steel AISI 302 Ring Nut Spring
- (5) Nickel-Plated Brass Shutter
- (6) NBR O-Ring Seals
- (7) NBR O-Ring Seals
- (8) Stainless Steel AISI 302 Shutter Spring
- (9) Nickel-Plated Brass Coupling Back Part
- (10) Nickel-Plated Brass Sleeve
- (11) Nickel-Plated Brass Plug Outline

MALE THREADED COUPLINGS MINI PROFILE



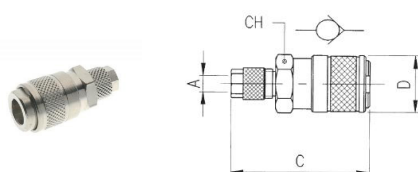
Code	A	B	C	D	CH
884635	1/8	6	35.5	18	16
884636	1/4	8	37.5	18	16
884637	3/8	9	38.5	18	19

FEMALE THREADED COUPLINGS MINI PROFILE



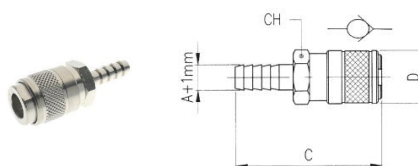
Code	A	B	C	D	CH
884639	1/8	7.5	35.5	18	16
884640	1/4	11	38.5	18	16
884641	3/8	11.5	39	18	19

COUPLINGS MINI PROFILE FOR TUBE



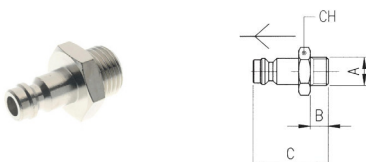
Code	A	C	D	CH
884643	6/4	42	18	16
884644	8/6	42	18	16

COUPLING MINI PROFILE FOR HOSE



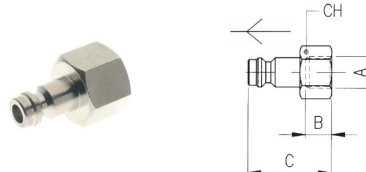
Code	A	B	C	CH
884645	4	48	18	16
884646	6	48	18	16
884647	8	48	18	16

MALE THREADED PLUG MINI PROFILE



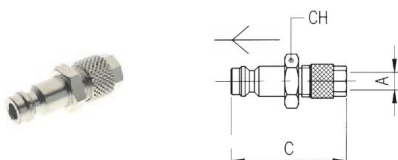
Code	A	B	C	CH
884649	1/8	6	26	14
884650	1/4	8	28.5	17
884651	3/8	9	29.5	19

FEMALE THREADED PLUG MINI PROFILE



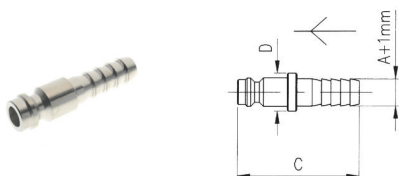
Code	A	B	C	CH
884653	1/8	7.5	25	14
884654	1/4	11	28.5	17
884655	3/8	11.5	29	19

PUSH-ON PLUG MINI PROFILE FOR TUBE



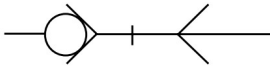
Code	A	C	D
884660	6/4	33	12
884661	8/6	33	12

HOSE BARB PLUG MINI PROFILE



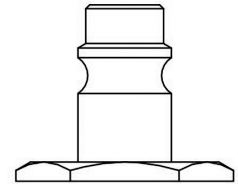
Code	A	C	D
884657	4	35	9
884658	6	35	9
884659	8	38	12

HIGH FLOW QUICK COUPLING AND PLUG EUROPEAN PROFILE



This range of coupling is specifically designed to allow a high flow rate (2550 l/min), minimising the pressure drop. The couplings are also designed to work with vacuum and water application.

PROFIL
EUROPEAN



DN
7.5 - 7.8 mm

Interchangeability:

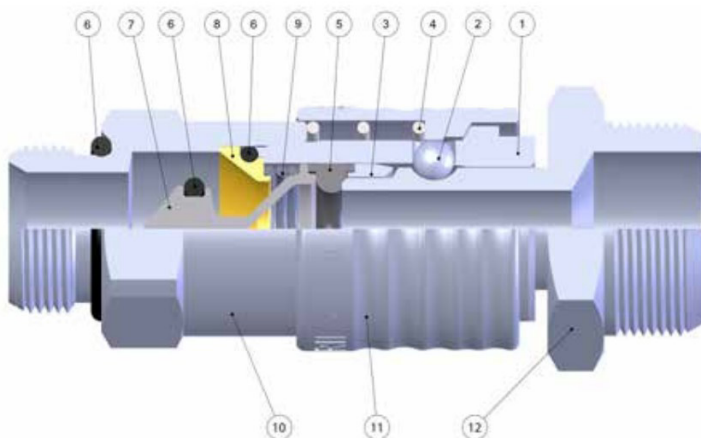
- Rectus Parker Serie 25/26/1600/1625
- Prevost ESC07/ERC07/ESI07/ISC08
- Camozzi 5080/5180
- CEJN 320
- Aignep Serie 120/210
- Festo KD-KS 4/6
- Oetiker SC C
- Hansen Auto-Flo 24

Application:

- Compressed Air & Tools
- Pneumatic & Fluid technology
- Life & Sciences

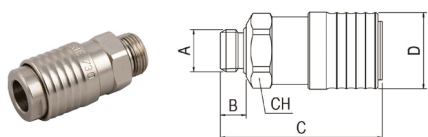
Specification:

- Fluids: Air, vacuum, water
- Working Pressure: 12 Bar
- Max Static Pressure: 35 Bar
- Temperature range: -20°C -> 80°C
- Flow Rate: 2550 l/min

**Material:**

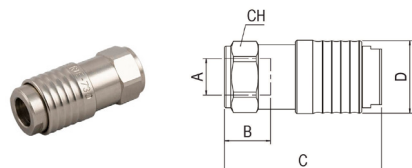
- (1) Nickel-Plated Brass Body
- (2) Stainless Steel AISI 420 Balls
- (3) Nickel-Plated Brass Guide Ring Coupling
- (4) Stainless Steel AISI 302 Ring Nut Spring
- (5) NBR Plug Molded Seals
- (6) NBR O-Ring Seals
- (7) Nickel-Plated Zamak Shutter
- (8) Nickel-Plated Brass Ring
- (9) Stainless Steel AISI 302 Shutter Spring
- (10) Nickel-Plated Brass Coupling Back Part
- (11) Nickel-Plated Brass Sleeve
- (12) Nickel-Plated Brass Plug Outline

MALE THREADED COUPLINGS EUROPEAN PROFILE



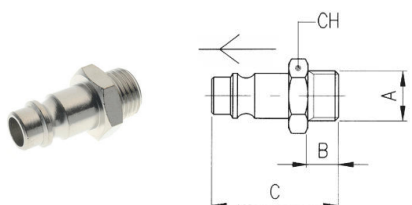
Code	A	B	C	D	CH
884689	1/4	8	49.5	24	21
884690	3/8	9	50.5	24	21
884691	1/2	10	51.5	24	25

FEMALE THREADED COUPLINGS EUROPEAN PROFILE



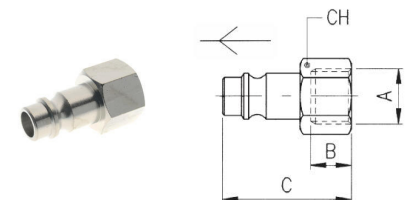
Code	A	B	C	D	CH
884693	1/4	12	50.5	24	21
884694	3/8	12	51.5	24	21
884695	1/2	15	56	24	24

MALE THREADED PLUG EUROPEAN PROFILE



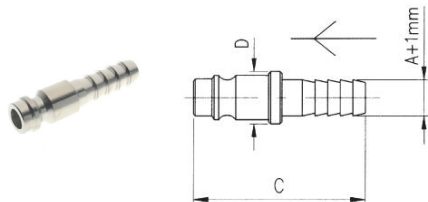
Code	A	B	C	CH
884697	1/4	8	33	17
884698	3/8	9	34	19
884699	1/2	10	35.5	24

FEMALE THREADED PLUG EUROPEAN PROFILE



Code	A	B	C	CH
884701	1/4	11	33	17
884702	3/8	11.5	34	19
884703	1/2	14	36	24

HOSE BARB PLUG EUROPEAN PROFILE



Code	A	C	D
884705	6	39.5	12
884706	8	39.5	12
884707	10	42.5	14
884708	12	42.5	16