QUICK COUPLINGS AIR&FLUIDS HIGH PERFORMANCE

PLUS

- DIFFERENT PRODUCTS WITH SAFETY AND ANTI-WHIPLASH SYSTEMS
- EASY CONNECTION AND DISCONNETION
- AVAILABLE WITH FREE PASSAGE, SINGLE AND DOUBLE SHUTTERS
- WIDE CHOICE OF CONSTRUCTION MATERIALS
- REDUCED DIMENSIONS WITH A HIGH STRENGHT
- HIGH FLOW RATE TO OPTIMISE THE PLANTS PERFORMANCE

QUICK COUPLINGS AIR&FLUIDS - HIGH PERFORMANCE / FLUID-10N & FLUID-10S


p.570/**FLUID-10N-M**


p.571/**FLUID-10N-H**


p.571/**FLUID-10N-E**


p.572/**FLUID-10N-PM**


p.572/**FLUID-10S-M**


p.572/**FLUID-10S-H**


p.573/**FLUID-10S-E**


p.573/**FLUID-10S-PM**


p.573/**NE-10M**


p.574/**NE-10H**


p.574/ **NE-10E**


p.574/**NE-10PM**

QUICK COUPLINGS AIR&FLUIDS - HIGH PERFORMANCE / FLUID-20N


p. 576/ **FLUID-20N-M**


p. 576/ **FLUID-20N-H**


p. 576/ **FLUID-20N-E**


p. 577 / **NE-20M**


p. 577 / **NE-20H**


p. 577 / **NE-20E**

QUICK COUPLINGS AIR&FLUIDS - HIGH PERFORMANCE / FLUID-30


p. 580 / **FLUID-30M**


p. 580 / **FLUID-30H**


p. 580 / **NE-30M**


p. 581 / **NE-30H**


p. 581 / **NE-30E**

QUICK COUPLINGS AIR&FLUIDS - HIGH PERFORMANCE / MICRO SERIES


p. 584 / **MICRO-H**


p. 584 / **AMC-H**

QUICK COUPLINGS AIR&FLUIDS - HIGH PERFORMANCE / MINI SERIES


p. 586 / **MINI-M**


p. 586 / **MINI-H**


p. 586 / **MINI-E**


p. 587 / **MINI-RR**


p. 587 / **MINI-MM**


p. 587 / **MINI-RRR**


p. 588 / **AMN-M**


p. 588 / **AMN-H**


p. 588 / **AMN-E**


p. 589 / **AMN-RR**


p. 589 / **AMN-RRR**

QUICK COUPLINGS AIR&FLUIDS - HIGH PERFORMANCE / MINI-DO SERIES


p. 592 / **MINIDO-M**


p. 592 / **MINIDO-H**


p. 593 / **MINIDO-E**


p. 593 / **MINIDO-RR**


p. 593 /**MINIDO-MM**


p. 594 /**MINIDO-RRR**


p. 594 / **AMNDO-M**


p. 594 / **AMNDO-H**


p. 595 / **AMNDO-E**


p. 595 / **AMNDO-RR**


p. 595 /**AMNDO-MM**


p. 596 /**AMNDO-RRR**

QUICK COUPLINGS AIR&FLUIDS - HIGH PERFORMANCE / EUROSTANDARD


p. 598 / **EU-75N-M**


p. 599 / **EU-75N-H**


p. 599 / **EU-75N-E**


p. 600 / **EU-75N-PM**


p. 600 / **EU-75S-M**


p. 600 / **EU-75S-H**


p. 601 / **EU-75S-E**


p. 601 / **EU-75S-PM**


p. 601 / **AEU-75M**


p. 602 / **AEU-75H**


p. 602 / **AEU-75E**


p. 602 / **AEU-75PM**

QUICK COUPLINGS AIR&FLUIDS - HIGH PERFORMANCE / EUROSTANDARD-DO


p. 604 / **EU-DO75-M**


p. 604 / **EU-DO75-H**


p. 605 / **EU-DO75-E**


p. 605 / **AEU-DO75M**


p. 605 / **AEU-DO75H**


p. 606 / **AEU-DO75E**

QUICK COUPLINGS AIR&FLUIDS - HIGH PERFORMANCE / EUROFLUID


p. 608 / **EUROFLUID-M**


p. 608 / **EUROFLUID-H**


p. 608 / **EUROFLUID-E**


p. 609 /**EUROFLUID-PM**


p. 609 / **NE-10M**


p. 609 / **NE-10H**


p. 610 / **NE-10E**


p. 610 / **NE-10PM**


p. 610 / **AEU-75M**


p. 611 / **AEU-75H**


p. 611 / **AEU-75E**


p. 611 / **AEU-75PM**

QUICK COUPLINGS AIR&FLUIDS - HIGH PERFORMANCE / CRHL-12


p. 614 / **CRHL12-M**


p. 614 / **CRHL12-R-M**


p. 614 / **CRHL12-H**


p. 615 / **CRHL12-R-H**


p. 615 / **ACRHL12-M-C**


p. 615 / **ACRHL12-H**

QUICK COUPLINGS AIR&FLUIDS - HIGH PERFORMANCE / CRM-55


p. 618 / **CRM-55-M**


p. 618 / **CRM-55-H**


p. 618 / **CRM-55-E**


p. 619 / **ACRM-55-M**


p. 619 / **ACRM-55-H**


p. 619 / **ACRM-55-E**

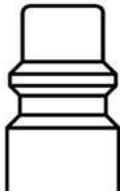
CONNECTION PROFILES



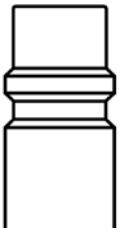
FLUID-10N
DN 5,5



FLUID-10S
DN 5,5



FLUID-20N
DN 8



FLUID-30
DN 12



MICRO
DN 2,5



MINI
DN 5,5



MINIDO
DN 4,2



EU-75N
DN 7,6



EU-75S
DN 7,6



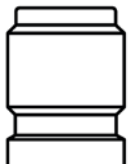
EU-DO75
DN 5,1



EUROFLUID NE-10
DN 5,5



EUROFLUID AEU-75
DN 7,6

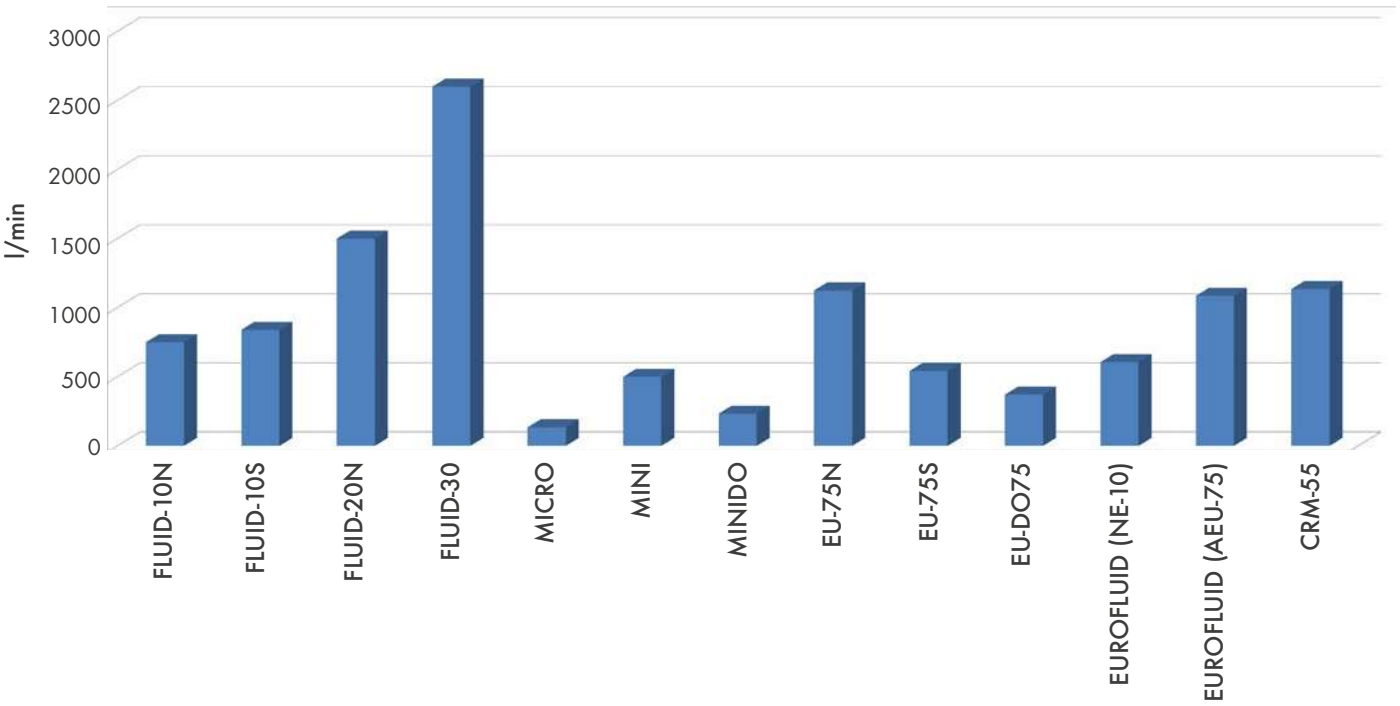


CHRL12
DN 12,1



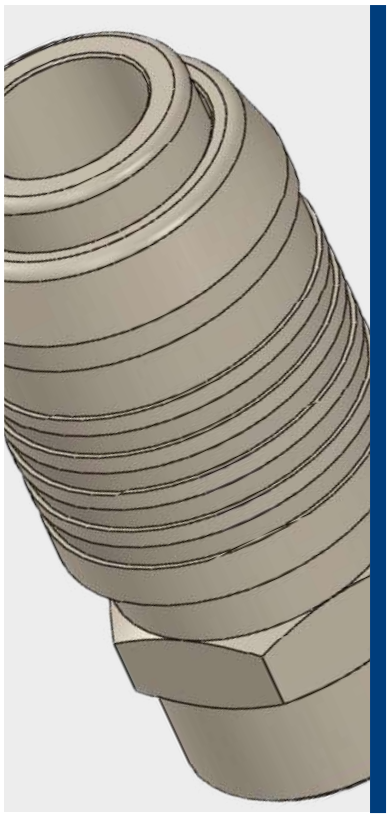
CRM-55
DN 8,5

FLOW CHART



MATERIALS TABLE

MATERIALS FOR SERIES	BRASS	STEEL	STAINLESS STEEL AISI 303	STAINLESS STEEL AISI 316	SAFETY	PL	SO	DO
FLUID-10N		✓	✓	✓		✓	✓	
FLUID-10S		✓			✓		✓	
FLUID-20N		✓				✓	✓	
FLUID-30		✓				✓	✓	
MICRO	✓					✓	✓	
MINI	✓			✓		✓	✓	
MINIDO	✓			✓				✓
EU-75N		✓	✓	✓		✓	✓	
EU-75S	✓				✓		✓	
EU-DO75	✓			✓				✓
EUROFLUID		✓				✓	✓	
CRHL-12	✓		✓	✓		✓		
CRM-55	✓					✓	✓	



FLUID-10N:
NBR: -10°C ÷ 95°C
FKM: -20°C ÷ 205°C
FLUID-10S - SAFETY:
NBR: -10°C ÷ 95°C
Standard version: NBR
Stainless steel AISI 316 version: FKM

Working pressure
FLUID-10N:
0-12 Bar (suggested)
35 Bar (max)
FLUID-10S:
0-7 Bar (suggested)

- Taper gas BSPT ISO 7 from R1/4" to R1/2"
- Parallel gas BSPP ISO 228 from G1/4" to G1/2"

FLUID-10N: Compressed air
FLUID-10N-LX: Compressed air
FLUID-10N-X: Compressed air, water, grease, oils, mild acids, applications in oxidising or corrosive environments and fluids suitable with construction materials
FLUID-10N-X-316: Compressed air, water, chemicals, applications in highly corrosive environments and fluids suitable with construction materials
FLUID-10S: Compressed air

REGULATION

ISO 6150 B12

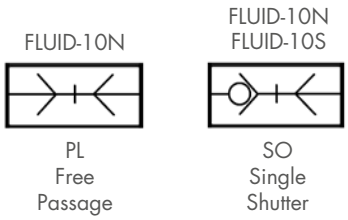
NOMINAL DIAMETER

5,5 mm

FLOWRATE

750 l/min (FLUID-10N)
840 l/min (FLUID-10S - SAFETY)

CONFIGURATIONS



Products in compliance with EC Regulation 1907/2006

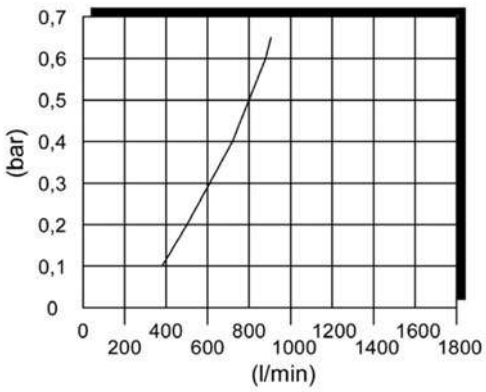
Products in compliance with the directive EU 2015/863

COMPONENTS	FLUID-10N	FLUID-10N-LX	FLUID-10N-X	FLUID-10N-316X	FLUID-10S SAFETY
Body	Nickel-plated steel	Nickel-plated steel	Stainless steel AISI 303	Stainless steel AISI 316	Nickel-plated steel
Slide	Nickel-plated steel	Stainless steel AISI 303	Stainless steel AISI 303	Stainless steel AISI 316	Nickel-plated steel
Adapter	Nickel-plated brass	Nickel-plated brass	Stainless steel AISI 303	Stainless steel AISI 316	Nickel-plated brass
Valve	Nickel-plated brass	Nickel-plated brass	Stainless steel AISI 303	Stainless steel AISI 316	Nickel-plated brass
Spring	Stainless steel AISI 302	Stainless steel AISI 302	Stainless steel AISI 316	Stainless steel AISI 316	Stainless steel AISI 302
Ball	Chromed steel	Chromed steel	Stainless steel AISI 316	Stainless steel AISI 316	Chromed steel
Retaining ring	Stainless steel AISI 302	Stainless steel AISI 302	Stainless steel AISI 316	Stainless steel AISI 316	Stainless steel AISI 302
Cartridge	-	-	-	-	Nickel-plated steel
Seal	NBR	NBR	NBR - FKM	NBR - FKM	NBR

CONNECTION	NE-10		NE-10-X	NE-10-316X	
Body	Hardened nickel-plated steel		Stainless steel AISI 303	Stainless steel AISI 316	

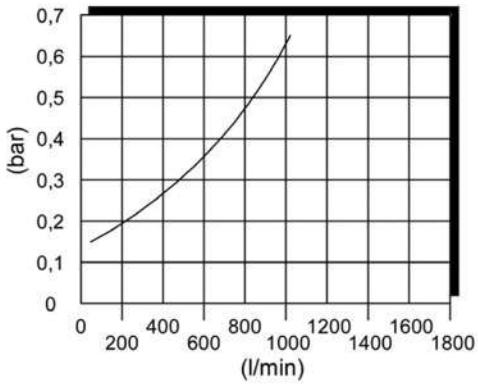
FLOW CHART
FLUID-10N

Chart created considering a working pressure of 6 Bar with a pressure drop of 0.5 Bar and simple shut-off.



FLOW CHART
FLUID-10S - SAFETY

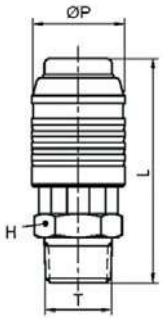
Chart created considering a working pressure of 6 Bar with a pressure drop of 0.5 Bar and simple shut-off.



FLUID-10N-M

Male quick coupling BSPT thread





CODE	T	ØP	L	H
FLUID-10N-M1/4	R 1/4"	23,4	54,5	19
FLUID-10N-M1/4-PL	R 1/4"	23,4	54,5	19
FLUID-10N-M1/4-LX	R 1/4"	23,4	54,5	19
FLUID-10N-M1/4-LX-PL	R 1/4"	23,4	54,5	19
FLUID-10N-M1/4-X	R 1/4"	23,4	54,5	19
FLUID-10N-M1/4-X-PL	R 1/4"	23,4	54,5	19
FLUID-10N-M1/4-316X	R 1/4"	23,4	53,0	21
FLUID-10N-M1/4-316X-PL	R 1/4"	23,4	53,0	21
FLUID-10N-M3/8	R 3/8"	23,4	55,5	19
FLUID-10N-M3/8-PL	R 3/8"	23,4	55,5	19
FLUID-10N-M3/8-LX	R 3/8"	23,4	55,5	19
FLUID-10N-M3/8-LX-PL	R 3/8"	23,4	55,5	19
FLUID-10N-M3/8-X	R 3/8"	23,4	55,5	19
FLUID-10N-M3/8-X-PL	R 3/8"	23,4	55,5	19
FLUID-10N-M1/2	R 1/2"	23,4	60,0	22
FLUID-10N-M1/2-PL	R 1/2"	23,4	60,0	22
FLUID-10N-M1/2-LX	R 1/2"	23,4	60,0	22
FLUID-10N-M1/2-LX-PL	R 1/2"	23,4	60,0	22
FLUID-10N-M1/2-X	R 1/2"	23,4	60,0	22
FLUID-10N-M1/2-X-PL	R 1/2"	23,4	60,0	22

Male quick coupling BSPP thread

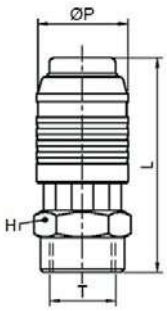
FLUID-10N-M1/4G	G 1/4"	23,4	53,0	21
FLUID-10N-M1/4G-PL	G 1/4"	23,4	53,0	21
FLUID-10N-M3/8G	G 3/8"	23,4	54,5	21
FLUID-10N-M3/8G-PL	G 3/8"	23,4	54,5	21
FLUID-10N-M1/2G	G 1/2"	23,4	57,5	24
FLUID-10N-M1/2G-PL	G 1/2"	23,4	57,5	24

-PL: Free Passage

FLUID-10N-H

Female quick coupling BSPP thread





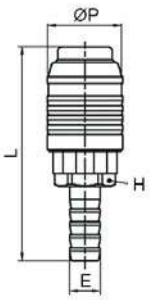
CODE	T	ØP	L	H
FLUID-10N-H1/4	G 1/4"	23,4	52,5	19
FLUID-10N-H1/4-PL	G 1/4"	23,4	52,5	19
FLUID-10N-H1/4-LX	G 1/4"	23,4	52,5	19
FLUID-10N-H1/4-LX-PL	G 1/4"	23,4	52,5	19
FLUID-10N-H1/4-X	G 1/4"	23,4	52,5	19
FLUID-10N-H1/4-X-PL	G 1/4"	23,4	52,5	19
FLUID-10N-H1/4-316X	G 1/4"	23,4	52,5	19
FLUID-10N-H1/4-316X-PL	G 1/4"	23,4	52,5	19
FLUID-10N-H3/8	G 3/8"	23,4	54,0	22
FLUID-10N-H3/8-PL	G 3/8"	23,4	54,0	22
FLUID-10N-H3/8-LX	G 3/8"	23,4	54,0	22
FLUID-10N-H3/8-LX-PL	G 3/8"	23,4	54,0	22
FLUID-10N-H3/8-X	G 3/8"	23,4	54,0	22
FLUID-10N-H3/8-X-PL	G 3/8"	23,4	54,0	22
FLUID-10N-H1/2	G 1/2"	23,4	58,2	25
FLUID-10N-H1/2-PL	G 1/2"	23,4	58,2	25
FLUID-10N-H1/2-LX	G 1/2"	23,4	58,2	25
FLUID-10N-H1/2-LX-PL	G 1/2"	23,4	58,2	25
FLUID-10N-H1/2-X	G 1/2"	23,4	58,2	24
FLUID-10N-H1/2-X-PL	G 1/2"	23,4	58,2	24

-PL: Free Passage

FLUID-10N-E

Quick coupling with barb connnector





CODE	E	ØP	L	H
FLUID-10N-E6	7,2	23,4	62,0	19
FLUID-10N-E6-PL	7,2	23,4	62,0	19
FLUID-10N-E8	9,2	23,4	62,0	19
FLUID-10N-E8-PL	9,2	23,4	62,0	19
FLUID-10N-E8-LX	9,2	23,4	62,0	19
FLUID-10N-E8-LX-PL	9,2	23,4	62,0	19
FLUID-10N-E8-X	9,2	23,4	62,0	19
FLUID-10N-E8-X-PL	9,2	23,4	62,0	19
FLUID-10N-E8-316X	9,2	23,4	62,0	19
FLUID-10N-E8-316X-PL	9,2	23,4	62,0	19
FLUID-10N-E10	11,2	23,4	66,0	19
FLUID-10N-E10-PL	11,2	23,4	66,0	19
FLUID-10N-E10-LX	11,2	23,4	66,0	19
FLUID-10N-E10-LX-PL	11,2	23,4	66,0	19
FLUID-10N-E10-X	11,2	23,4	66,0	19
FLUID-10N-E10-X-PL	11,2	23,4	66,0	19
FLUID-10N-E12	13,2	23,4	71,0	19
FLUID-10N-E12-PL	13,2	23,4	71,0	19
FLUID-10N-E12-X	13,2	23,4	71,0	19
FLUID-10N-E12-X-PL	13,2	23,4	71,0	19

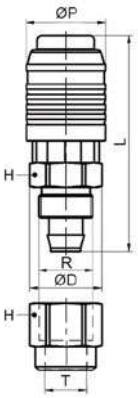
-PL: Free Passage

drawings and technical data are not binding & can be changed without notice

FLUID-10N-PM

Quick coupling with push-on connector





CODE	TUBE Ø	R	ØP	L	H	H1
FLUID-10N-PM08	8x12	M16x1	23,4	64,7	19	19
FLUID-10N-PM08-PL	8x12	M16x1	23,4	64,7	19	19
FLUID-10N-PM08-X	8x12	M16x1	23,4	64,7	19	19
FLUID-10N-PM08-X-PL	8x12	M16x1	23,4	64,7	19	19
FLUID-10N-PM10	10x15	M20x1	23,4	69,5	22	22
FLUID-10N-PM10-PL	10x15	M20x1	23,4	69,5	22	22

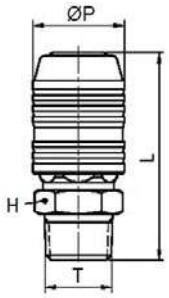
Recommended for use with PU-PVC tube on page 751

-PL: Free Passage

FLUID-10S-M

Safety male quick coupling BSPT thread





CODE	T	ØP	L	H
FLUID-10S-M1/4	R 1/4"	26,6	55,7	19
FLUID-10S-M3/8	R 3/8"	26,6	56,7	19
FLUID-10S-M1/2	R 1/2"	26,6	61,2	22

Safety male quick coupling BSPP thread

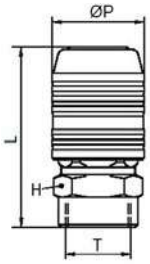
FLUID-10S-M1/4G	G 1/4"	26,6	54,2	21
FLUID-10S-M3/8G	G 3/8"	26,6	55,7	21
FLUID-10S-M1/2G	G 1/2"	26,6	54,2	24

FLUID-10S-M
It complies with the safety requirements stated in UNI-EN ISO 4414:2011: Protection against accidental tearing of the tube during decompression, "whiplash" effect.

FLUID-10S-H

Safety female quick coupling BSPP thread





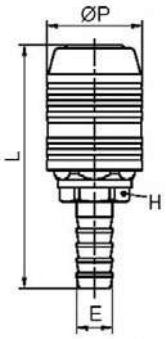
CODE	T	ØP	L	H
FLUID-10S-H1/4	G 1/4"	26,6	53,7	19
FLUID-10S-H3/8	G 3/8"	26,6	55,2	22
FLUID-10S-H1/2	G 1/2"	26,6	59,4	25

FLUID-10S-H
It complies with the safety requirements stated in UNI-EN ISO 4414:2011: Protection against accidental tearing of the tube during decompression, "whiplash" effect.

FLUID-10S-E

Safety quick coupling with barb connector





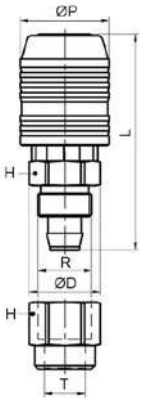
CODE	E	ØP	L	H
FLUID-10S-E6	7,2	26,6	63,2	19
FLUID-10S-E8	9,2	26,6	63,2	19
FLUID-10S-E10	11,2	26,6	67,2	19
FLUID-10S-E12	13,2	26,6	72,2	19
FLUID-10S-E13	13,8	26,6	72,2	19

FLUID-10S-E
It complies with the safety requirements stated in UNI-EN ISO 4414:2011: Protection against accidental tearing of the tube during decompression, "whiplash" effect.

FLUID-10S-PM

Safety quick coupling with push-on connector





CODE	TUBE Ø	R	ØP	L	H	H1
FLUID-10S-PM08	8x12	M16x1	26,6	64,7	19	19
FLUID-10S-PM10	10x15	M20x1	26,6	69,5	22	22

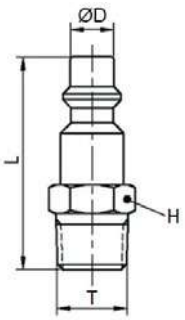
Recommended for use with PU-PVC tube on page 751

FLUID-10S-PM
It complies with the safety requirements stated in UNI-EN ISO 4414:2011: Protection against accidental tearing of the tube during decompression, "whiplash" effect.

NE-10M

Male connection BSPT thread



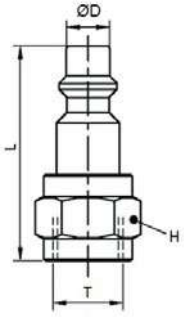


CODE	T	ØD	L	H
NE-10M	R 1/4"	8	40,0	14
NE-10M-X	R 1/4"	8	40,0	14
NE-10M-316X	R 1/4"	8	40,0	14
NE-10M-3/8	R 3/8"	8	42,5	17
NE-10M-3/8-X	R 3/8"	8	42,5	17
NE-10M-1/2	R 1/2"	8	46,0	22
NE-10M-1/2-X	R 1/2"	8	46,0	22

NE-10H

Female connection BSPP thread



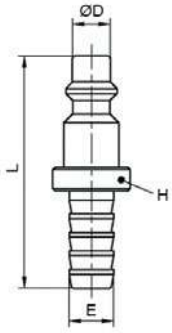


CODE	T	ØD	L	H
NE-10H	G 1/4"	8	40,0	17
NE-10H-X	G 1/4"	8	40,0	17
NE-10H-316X	G 1/4"	8	40,0	17
NE-10H-3/8	G 3/8"	8	41,5	22
NE-10H-1/2	G 1/2"	8	44,0	25

NE-10E

Connection with barb connector



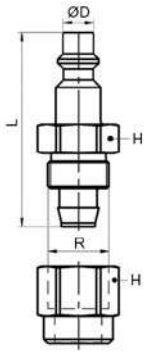


CODE	E	ØD	L	H
NE-10E-6	7,2	8	46,0	14
NE-10E-8	9,2	8	47,0	14
NE-10E-X	9,2	8	47,0	14
NE-10E-10	11,2	8	52,0	14
NE-10E-10-X	11,2	8	52,0	14
NE-10E-10-316X	11,2	8	52,0	14
NE-10E-12	13,2	8	54,0	14

NE-10PM

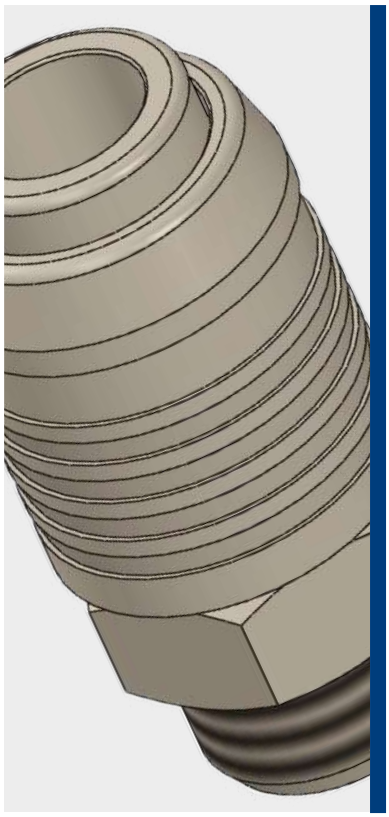
Connection with push-on connector





CODE	TUBE Ø	R	ØD	L	H
NE-10PM-08	8x12	M16x1	8	50,7	19
NE-10PM-08-X	8x12	M16x1	8	50,7	19
NE-10PM-10	10x15	M20x1	8	55,5	22

Recommended for use with PU-PVC tube on page 751



-10°C ÷ 95°C

Working pressure:
0-12 Bar (suggested)
35 Bar (max)

Compressed air

- Taper gas BSPT ISO 7 from R1/4" to R1/2"
- Parallel gas BSPP ISO 228 G3/8" and G1/2"

REGULATION

ISO 6150 B15

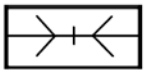
NOMINAL DIAMETER

8 mm

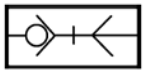
FLOWRATE

1500 l/min

CONFIGURATIONS



PL
Free
Passage



SO
Single
Shutter

Products in compliance with EC Regulation 1907/2006

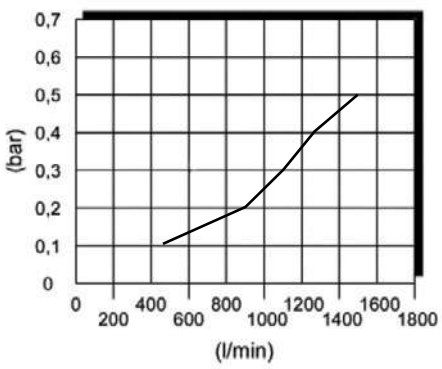
Products in compliance with the directive EU 2015/863

COMPONENTS	FLUID-20N
Body	Nickel-plated steel
Slide	Nickel-plated steel
Adapter	Nickel-plated brass
Valve	Nickel-plated brass
Spring	Stainless steel AISI 302
Ball	Chromed steel
Retaining ring	Stainless steel AISI 302
Seal	NBR

CONNECTION	NE-20
Body	Nickel-plated steel

FLOW CHART

Chart created considering a working pressure of 6 Bar with a pressure drop of 0.5 Bar and simple shut-off.



VIEW - QUICK COUPLING FLUID-20N-M

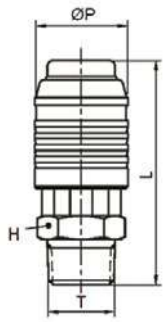


drawings and technical data are not binding & can be changed without notice

FLUID-20N-M

Male quick coupling BSPT thread





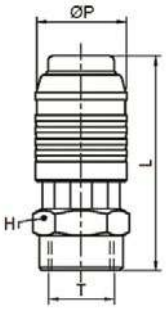
CODE	T	ØP	L	H
FLUID-20N-M3/8	R 3/8"	27,6	59,5	21
FLUID-20N-M3/8-PL	R 3/8"	27,6	59,5	21
FLUID-20N-M1/2	R 1/2"	27,6	63,0	22
FLUID-20N-M1/2-PL	R 1/2"	27,6	63,0	22

-PL: Free Passage

FLUID-20N-H

Female quick coupling BSPP thread





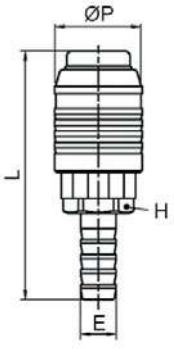
CODE	T	ØP	L	H
FLUID-20N-H3/8	G 3/8"	27,6	59,0	22
FLUID-20N-H3/8-PL	G 3/8"	27,6	59,0	22
FLUID-20N-H1/2	G 1/2"	27,6	59,0	25
FLUID-20N-H1/2-PL	G 1/2"	27,6	59,0	25

-PL: Free Passage

FLUID-20N-E

Quick coupling with barb connector





CODE	E	ØP	L	H
FLUID-20N-E10	11,2	27,6	73,0	21
FLUID-20N-E10-PL	11,2	27,6	73,0	21
FLUID-20N-E12	13,2	27,6	75,0	21
FLUID-20N-E12-PL	13,2	27,6	75,0	21

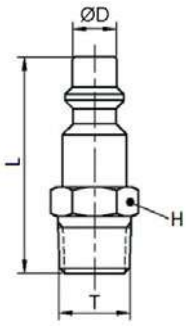
-PL: Free Passage

drawings and technical data are not binding & can be changed without notice

NE-20M

Male connection BSPT thread



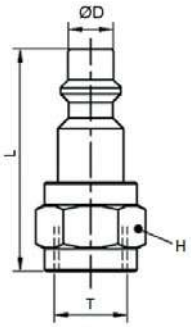


CODE	T	ØD	L	H
NE-20M-1/4	R 1/4"	10,8	44,1	17
NE-20M	R 3/8"	10,8	45,1	17
NE-20M-1/2	R 1/2"	10,8	48,1	22

NE-20H

Female connection BSPP thread



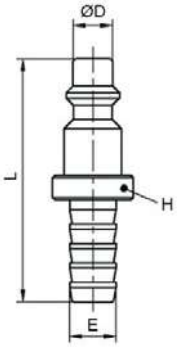


CODE	T	ØD	L	H
NE-20H	G 3/8"	10,8	42,6	22
NE-20H-1/2	G 1/2"	10,8	47,6	27

NE-20E

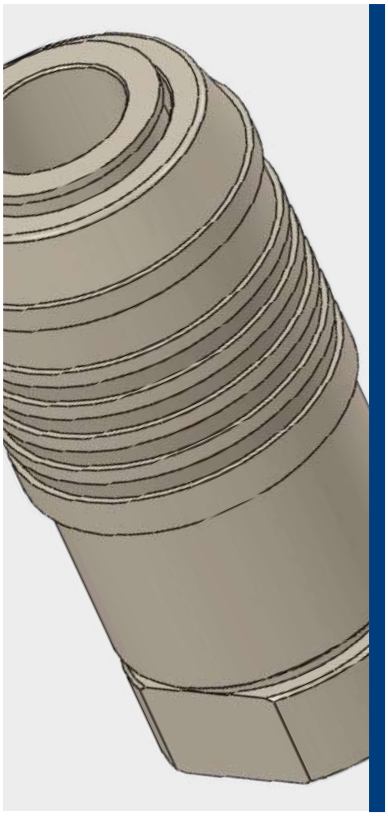
Connection with barb connector





CODE	E	ØD	L	H
NE-20E	11,2	10,8	54,1	20
NE-20E-13	13,8	10,8	59,1	20





-10°C ÷ 95°C

Working pressure:
0-12 Bar (suggested)
35 Bar (max)

Compressed air

- Taper gas BSPT ISO 7 R1/2"
- Parallel gas BSPP ISO 228 G3/8" and G1/2"

REGULATION

ISO 6150 B17

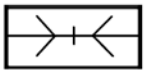
NOMINAL DIAMETER

12 mm

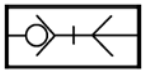
FLOWRATE

2006 l/min

CONFIGURATIONS



PL
Free
Passage



SO
Single
Shutter

Products in compliance with EC Regulation 1907/2006

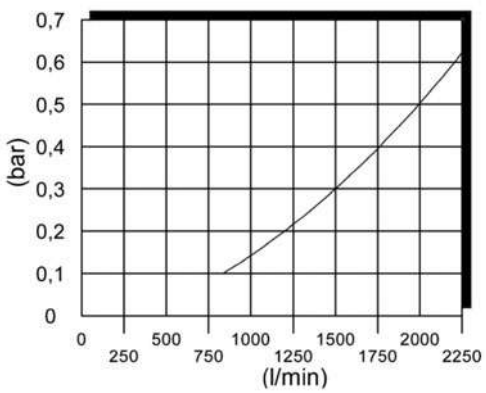
Products in compliance with the directive EU 2015/863

COMPONENTS	FLUID-30
Body	Nickel-plated steel
Slide	Nickel-plated steel
Adapter	Nickel-plated brass
Valve	Stainless steel AISI 303
Spring	Stainless steel AISI 302
Retainig ring	Stainless steel AISI 302
Washer	Stainless steel AISI 304
Pins	Stainless steel AISI 303
Seal	NBR

CONNECTION	NE-30
Body	Hardened nickel-plated steel

FLOW CHART

Chart created considering a working pressure of 6 Bar with a pressure drop of 0.5 Bar and simple shut-off.



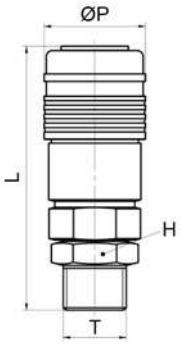
VIEW - QUICK COUPLING FLUID-30H



FLUID-30M

Male quick coupling BSPP thread





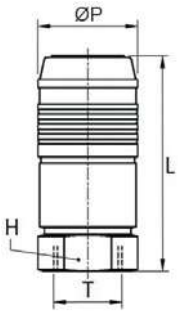
CODE	T	ØP	L	H
FLUID-30M	G 1/2"	33,6	88,0	27
FLUID-30M-PL	G 1/2"	33,6	88,0	27

-PL: Free Passage

FLUID-30H

Female quick coupling BSPP thread





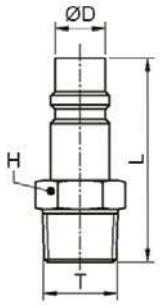
CODE	T	ØP	L	H
FLUID-30	G 1/2"	33,6	65,5	27
FLUID-30-PL	G 1/2"	33,6	65,5	27

-PL: Free Passage

NE-30M

Male connection BSPT thread



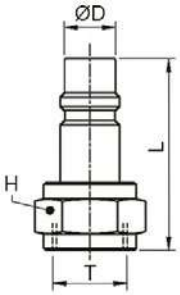


CODE	T	ØD	L	H
NE-30M	R 1/2"	14,3	58,5	22

NE-30H

Female connection BSPP thread



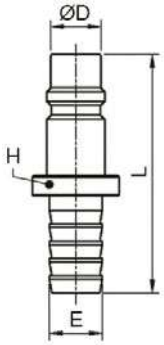


CODE	T	ØD	L	H
NE-30H-3/8	G 3/8"	14,3	54,0	22
NE-30H	G 1/2"	14,3	54,0	27

NE-30E

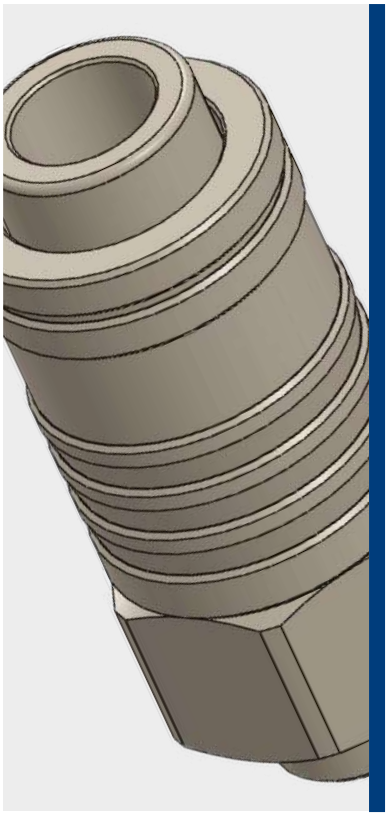
Connection with barb connector





CODE	E	ØD	L	H
NE-30E	15,2	14,3	69,0	25





NBR: -10°C ÷ 95°C
FKM: -20°C ÷ 205°C
Standard version: NBR

Working pressure:
0-12 Bar (suggested)
20 Bar (max)

Compressed air and fluids suitable with construction materials

- Taper gas BSPT ISO 7
  R1/8"
- Parallel gas BSPP ISO 228
  G1/8"
- Metric ISO 262
  M5

NOMINAL DIAMETER

2,5 mm

FLOWRATE

135 l/min

CONFIGURATIONS

SO
Single
Shutter

Products in compliance with EC Regulation 1907/2006

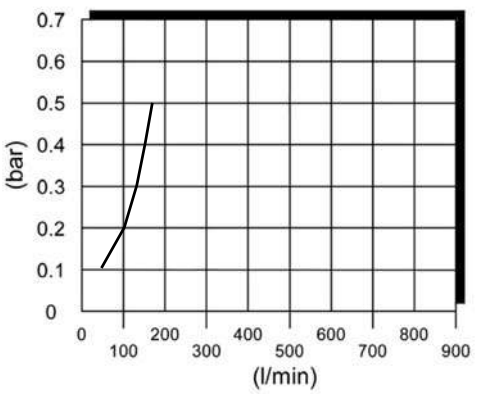
Products in compliance with the directive EU 2015/863

COMPONENTS	MICRO
Body	Nickel-plated brass
Slide	Nickel-plated brass
Adapter	Nickel-plated brass
Valve	Nickel-plated brass
Spring	Stainless steel AISI 302
Ball	Stainless steel AISI 420
Retaining ring	Stainless steel AISI 302
Seal	NBR - FKM

CONNECTION	AMC
Body	Nickel-plated brass

FLOW CHART

Chart created considering a working pressure of 6 Bar with a pressure drop of 0.5 Bar and simple shut-off.



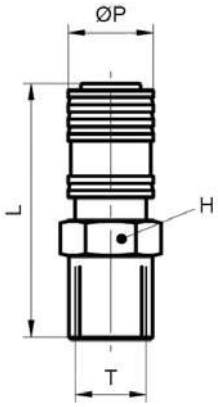
VIEW - QUICK COUPLING MICRO-M



MICRO-H

Female micro quick coupling BSPP & metric thread



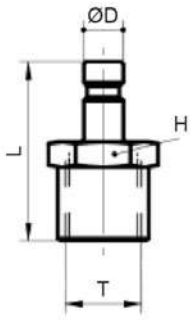


CODE	T	ØP	L	H
MICRO-HM5-L	M5x0,8	11,7	32,9	11
MICRO-H18-L	G 1/8"	11,7	35,4	12

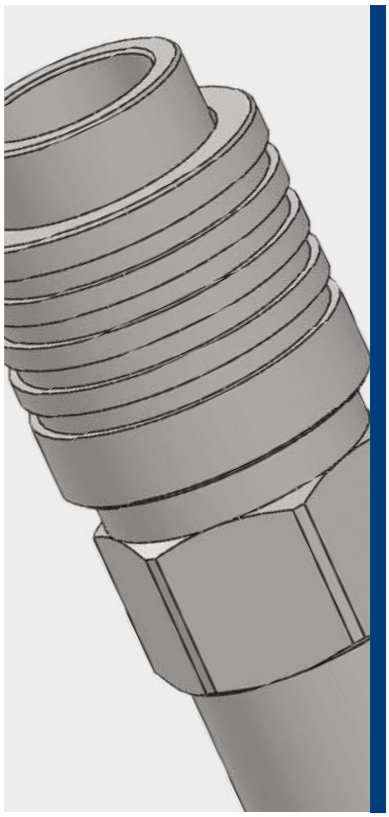
AMC-H

Female micro connection BSPP thread





CODE	T	ØD	L	H
AMC-H18-L	G 1/8"	5	22,5	12



NBR: -10°C ÷ 95°C
FKM: -20°C ÷ 205°C
Standard version (MINI-L): NBR

Working pressure:
0-12 Bar (suggested)
35 Bar (max)

MINI-L: Compressed air, water, gas, non-aggressive mineral or synthetic oils, applications in non-corrosive environments and fluids suitable with construction materials
MINI-316: Compressed air, water, grease, oils, mild acids, applications in highly oxidising or corrosive environments and fluids suitable with construction materials

Parallel gas BSPP ISO 228 from G1/8" to G3/8"

NOMINAL DIAMETER

5,5 mm

FLOWRATE

500 l/min

CONFIGURATIONS

SO
Single
Shutter

Food contact materials
EC 1935/2004
MINI-316 &
AMN-316 Series

D.M. 174/2004
MINI-316 &
AMN-316 Series

Products in compliance with EC Regulation 1907/2006

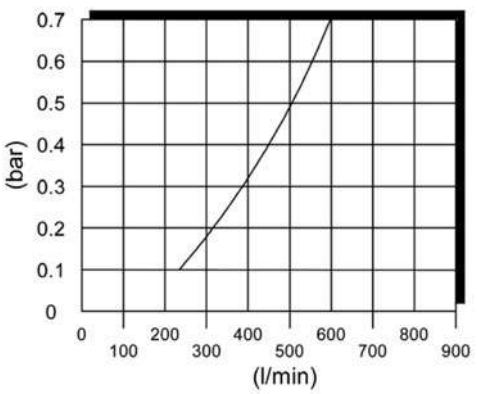
Products in compliance with the directive EU 2015/863

COMPONENTS	MINI-L	MINI-316
Body	Nickel-plated brass	Stainless steel AISI 316
Slide	Nickel-plated steel	Stainless steel AISI 316
Adapter	Nickel-plated brass	Stainless steel AISI 316
Valve	Nickel-plated brass	Stainless steel AISI 316
Spring	Stainless steel AISI 302	Stainless steel AISI 316
Ball	Stainless steel AISI 316	Stainless steel AISI 316
Retaining ring	Stainless steel AISI 302	Stainless steel AISI 316
Wrench	Nickel-plated brass	Stainless steel AISI 316
Seal	NBR - FKM	FKM

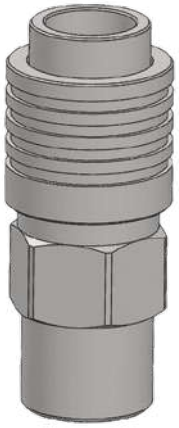
CONNECTION	AMN-L	AMN-316
Body	Nickel-plated brass	Stainless steel AISI 316

FLOW CHART

Chart created considering a working pressure of 6 Bar with a pressure drop of 0.5 Bar and simple shut-off.



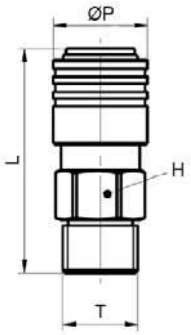
VIEW - QUICK COUPLING MINI-H



MINI-M

Male mini quick coupling BSPP thread



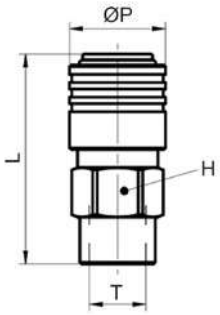


CODE	T	ØP	L	H
MINI-M1-L	G 1/8"	16,5	36,2	14
MINI-M1-316V	G 1/8"	16,5	36,2	14
MINI-M-L	G 1/4"	16,5	38,2	14
MINI-M-316V	G 1/4"	16,5	38,2	14
MINI-M3-316V	G 3/8"	16,5	39,2	19

MINI-H

Female mini quick coupling BSPP thread



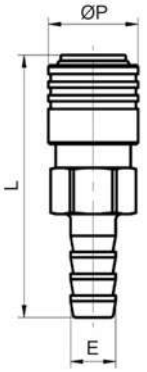


CODE	T	ØP	L	H
MINI-H1-L	G 1/8"	16,5	37,2	14
MINI-H1-316V	G 1/8"	16,5	37,2	14
MINI-H-L	G 1/4"	16,5	39,2	17
MINI-H-316V	G 1/4"	16,5	39,2	17

MINI-E

Mini quick coupling with barb connector





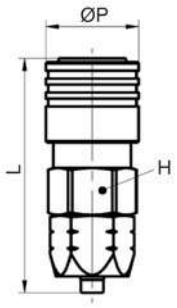
CODE	E	ØP	L	H
MINI-E6-L	6,3	16,5	48,2	14
MINI-E6-316V	6,3	16,5	48,2	14
MINI-E8-L	8,3	16,5	48,2	14
MINI-E8-316V	8,3	16,5	48,2	14

drawings and technical data are not binding & can be changed without notice

MINI-RR

Mini quick coupling with push-on connector



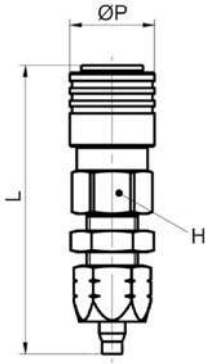


CODE	TUBE Ø	ØP	L	H
MINI-RR6-L	6x4	16,5	43,2	14
MINI-RR8-L	8x6	16,5	43,2	14

MINI-MM

Bulkhead mini quick coupling with push-on connector



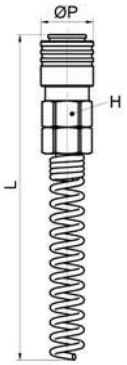


CODE	TUBE Ø	ØP	L	H
MINI-MM6-L	6x4	16,5	56,7	14
MINI-MM8-L	8x6	16,5	56,7	14

MINI-RRR

Mini quick coupling with push-on connector and spring



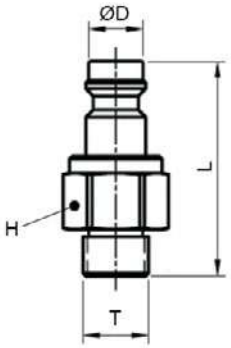


CODE	TUBE Ø	ØP	L	H
MINI-RR6R-L	6x4	16,5	124,7	14
MINI-RR8R-L	8x6	16,5	123,2	14

AMN-M

Male mini connection BSPP thread



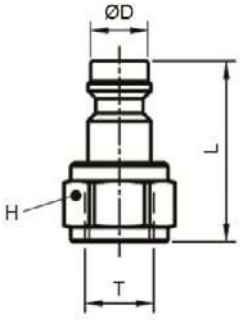


CODE	T	ØD	L	H
AMN-M1-L	G 1/8"	8,1	32,1	14
AMN-M1-316	G 1/8"	8,1	32,1	14
AMN-M-L	G 1/4"	8,1	34,1	14
AMN-M-316	G 1/4"	8,1	34,1	14

AMN-H

Female mini connection BSPP thread



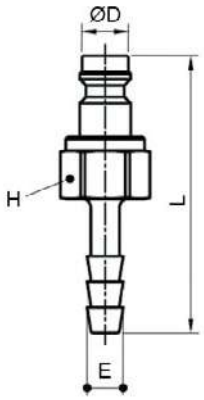


CODE	T	ØD	L	H
AMN-H1-L	G 1/8"	8,1	25,1	14
AMN-H1-316	G 1/8"	8,1	25,1	14
AMN-H-L	G 1/4"	8,1	29,1	17
AMN-H-316	G 1/4"	8,1	29,1	17

AMN-E

Mini connection with barb connector





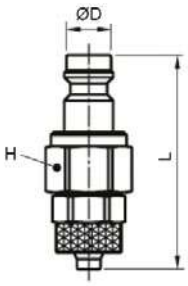
CODE	E	ØD	L	H
AMN-E6-L	6,3	8,1	37,1	14
AMN-E8-L	8,3	8,1	37,1	14

drawings and technical data are not binding & can be changed without notice

AMN-RR

Mini connection with push-on connector



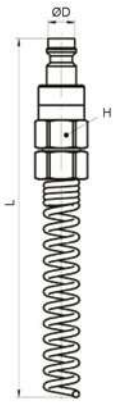


CODE	TUBE Ø	ØD	L	H
AMN-RR6-L	6x4	8,1	39,1	12
AMN-RR6-316	6x4	8,1	39,1	12
AMN-RR8-L	8x6	8,1	39,1	14
AMN-RR8-316	8x6	8,1	39,1	14

AMN-RRR

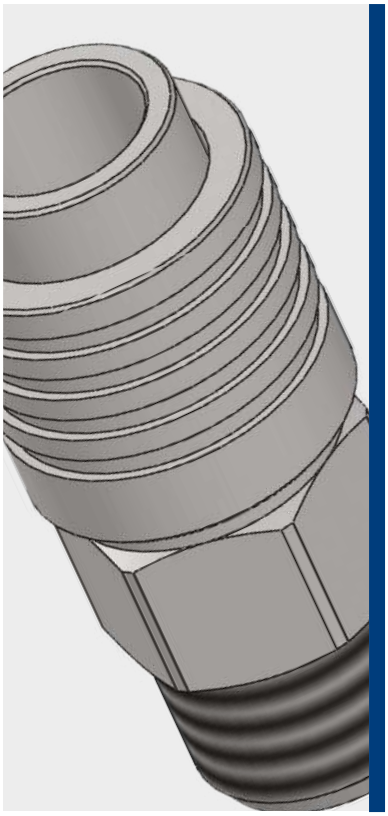
Mini connection with push-on connector and spring





CODE	TUBE Ø	ØD	L	H
AMN-RR6R-L	6x4	8,1	120,6	12
AMN-RR8R-L	8x6	8,1	119,1	14





NBR: -10°C ÷ 95°C
FKM: -15°C ÷ 200°C
Standard version (MINIDO-L): NBR

Working pressure:
0-12 Bar (suggested)
35 Bar (max)

MINIDO-L: Compressed air, water, gas, non-aggressive mineral or synthetic oils, applications in non-corrosive environments and fluids suitable with construction materials
MINIDO-316: Compressed air, water, grease, oils, mild acids, applications in highly oxidising or corrosive environments and fluids suitable with construction materials

Parallel gas BSPP ISO 228 from G1/8" to G3/8"

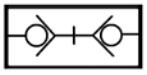
NOMINAL DIAMETER

4,2 mm

FLOWRATE

233 l/min

CONFIGURATIONS



DO
Double
Shutter

Food contact materials EC 1935/2004 MINIDO-316 & AMNDO-316 Series

D.M. 174/2004 MINIDO-316 & AMNDO-316 Series

Products in compliance with EC Regulation 1907/2006

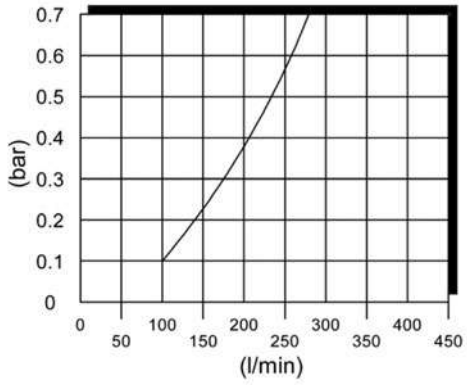
Products in compliance with the directive EU 2015/863

COMPONENTS	MINIDO-L	MINIDO-316
Body	Nickel-plated brass	Stainless steel AISI 316
Slide	Nickel-plated steel	Stainless steel AISI 316
Adapter	Nickel-plated brass	Stainless steel AISI 316
Valve	Nickel-plated brass	Stainless steel AISI 316
Spring	Stainless steel AISI 302	Stainless steel AISI 316
Ball	Stainless steel AISI 316	Stainless steel AISI 316
Retaining ring	Stainless steel AISI 302	Stainless steel AISI 316
Seal	NBR - FKM	FKM

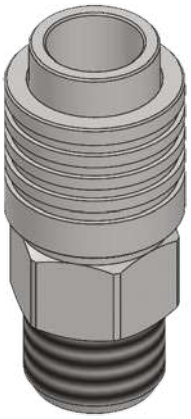
CONNECTION	AMNDO-L	AMNDO-316
Body	Nickel-plated brass	Stainless steel AISI 316
Adapter	Nickel-plated brass	Stainless steel AISI 316
Valve	Nickel-plated brass	Stainless steel AISI 316
Spring	Stainless steel AISI 302	Stainless steel AISI 316
Seal	NBR - FKM	FKM

FLOW CHART

Chart created considering a working pressure of 6 Bar with a pressure drop of 0.5 Bar and simple shut-off.



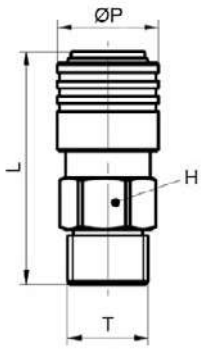
VIEW - QUICK COUPLING MINIDO-M



MINIDO-M

Male mini quick coupling BSPP thread



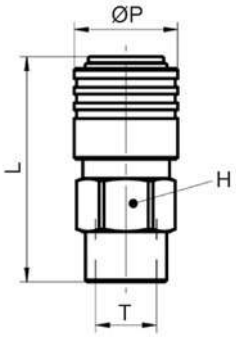


CODE	T	ØP	L	H
MINIDO-M1-L	G 1/8"	16,5	36,2	14
MINIDO-M1-316V	G 1/8"	16,5	36,2	14
MINIDO-M-L	G 1/4"	16,5	38,2	14
MINIDO-M-316V	G 1/4"	16,5	38,2	14
MINIDO-M3-316V	G 3/8"	16,5	39,2	19

MINIDO-H

Female mini quick coupling BSPP thread





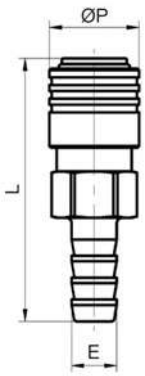
CODE	T	ØP	L	H
MINIDO-H1-L	G 1/8"	16,5	37,2	14
MINIDO-H1-316V	G 1/8"	16,5	37,2	14
MINIDO-H-L	G 1/4"	16,5	39,2	17
MINIDO-H-316V	G 1/4"	16,5	39,2	17

drawings and technical data are not binding & can be changed without notice

MINIDO-E

Mini quick coupling with barb connector



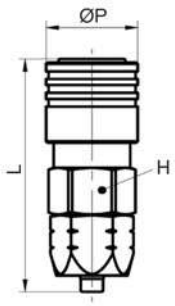


CODE	E	ØP	L	H
MINIDO-E6-L	6,3	16,5	48,2	14
MINIDO-E6-316V	6,3	16,5	48,2	14
MINIDO-E8-L	8,3	16,5	48,2	14
MINIDO-E8-316V	8,3	16,5	48,2	14

MINIDO-RR

Mini quick coupling with push-on connector



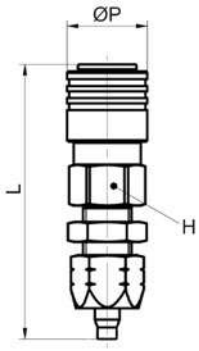


CODE	TUBE Ø	ØP	L	H
MINIDO-RR6-L	6x4	16,5	43,2	14
MINIDO-RR8-L	8x6	16,5	43,2	14

MINIDO-MM

Bulkhead mini quick coupling with push-on connector



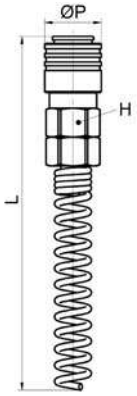


CODE	TUBE Ø	ØP	L	H
MINIDO-MM6-L	6x4	16,5	56,7	14
MINIDO-MM6-316V	6x4	16,5	56,7	14
MINIDO-MM8-L	8x6	16,5	56,7	14
MINIDO-MM8-316V	8x6	16,5	56,7	14

MINIDO-RRR

Mini quick coupling with push-on connector and spring



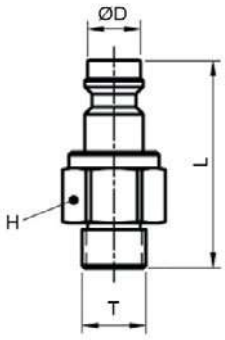


CODE	TUBE Ø	ØP	L	H
MINIDO-RR6R-L	6x4	16,5	124,7	14
MINIDO-RR8R-L	8x6	16,5	123,2	14

AMNDO-M

Male mini connection with shutter, BSPP thread



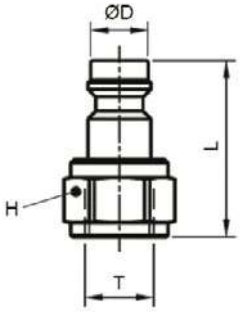


CODE	T	ØD	L	H
AMNDO-M1-L	G 1/8"	8,1	40,1	14
AMNDO-M1-316V	G 1/8"	8,1	40,1	14
AMNDO-M-L	G 1/4"	8,1	42,1	14
AMNDO-M-316V	G 1/4"	8,1	42,1	14
AMNDO-M3-316V	G 3/8"	8,1	43,1	19

AMNDO-H

Female mini connection with shutter, BSPP thread





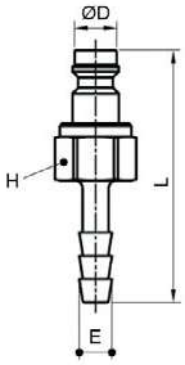
CODE	T	ØD	L	H
AMNDO-H1-L	G 1/8"	8,1	41,1	14
AMNDO-H1-316V	G 1/8"	8,1	41,1	14
AMNDO-H-L	G 1/4"	8,1	43,1	17
AMNDO-H-316V	G 1/4"	8,1	43,1	17

drawings and technical data are not binding & can be changed without notice

AMNDO-E

Mini connection with shutter and barb connector



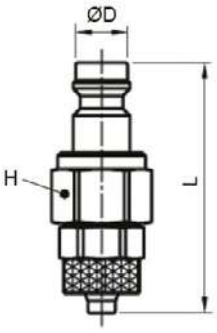


CODE	E	ØD	L	H
AMNDO-E6-L	6,3	8,1	52,1	14
AMNDO-E6-316V	6,3	8,1	52,1	14
AMNDO-E8-L	8,3	8,1	52,1	14
AMNDO-E8-316V	8,3	8,1	52,1	14

AMNDO-RR

Mini connection with shutter and push-on connector



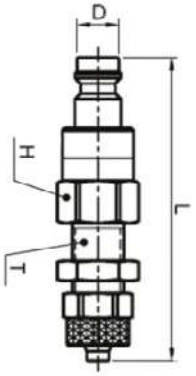


CODE	TUBE Ø	ØD	L	H
AMNDO-RR6-L	8x6	8,1	47,1	14
AMNDO-RR8-L	8x6	8,1	47,1	14

AMNDO-MM

Bulkhead mini connection with shutter and push-on connector





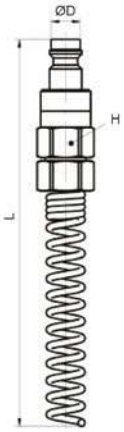
CODE	TUBE Ø	ØD	L	H
AMNDO-MM6-L	6x4	8,1	60,6	14
AMNDO-MM6-316V	6x4	8,1	60,6	14
AMNDO-MM8-L	8x6	8,1	60,6	14

drawings and technical data are not binding & can be changed without notice

AMNDO-RRR

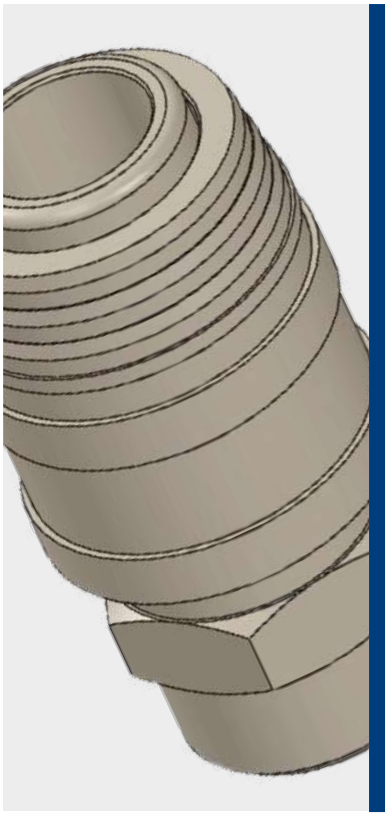
Mini connection with shutter, push-on connector and spring





CODE	TUBE Ø	ØD	L	H
AMNDO-RR6R-L	6x4	8,1	128,6	14
AMNDO-RR8R-L	8x6	8,1	127,1	14

drawings and technical data are not binding & can be changed without notice



EU-75N:
NBR: -10°C ÷ 95°C
FKM: -20°C ÷ 205°C
EU-75S - SAFETY:
NBR: -10°C ÷ 95°C
Standard version: NBR
Stainless steel AISI 316 version: FKM

Working pressure
EU-75N:
0-12 Bar (suggested)
35 Bar (max)
FLUID-10S:
0-7 Bar (suggested)

- Taper gas BSPT ISO 7 from R1/4" to R1/2"
- Parallel gas BSPP ISO 228 from G1/4" to G1/2"

EU-75N: Compressed air
EU-75N-X: Compressed air, water, grease, oils, mild acids, applications in oxidising or corrosive environments and fluids suitable with construction materials
EU-75N-X-316: Compressed air, water, grease, oils, mild acids, applications in highly oxidising or corrosive environments and fluids suitable with construction materials
EU-75S: Compressed air

PROFILE
Germany

NOMINAL DIAMETER
7,6 mm

FLOWRATE
1125 l/min (EU-75N)
542 l/min (EU-75S - SAFETY)

CONFIGURATIONS

EU-75N
PL
Free
Passage

EU-75N
EU-75S
SO
Single
Shutter

Food contact materials
EC 1935/2004
EU-75N-316 &
AEU-75-316 Series

D.M. 174/2004
EU-75N-316 &
AEU-75-316 Series

Products in compliance with EC Regulation 1907/2006

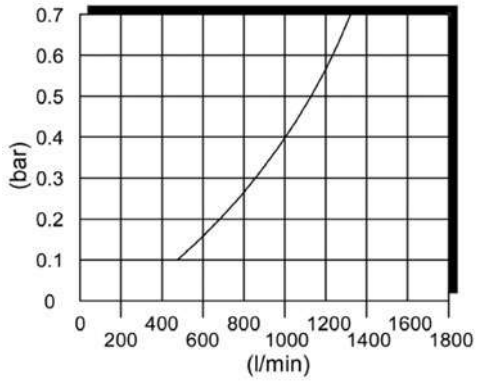
Products in compliance with the directive EU 2015/863

COMPONENTS	EU-75N	EU-75N-X	EU-75N-316	EU-75S - SAFETY
Body	Nickel-plated steel	Stainless steel AISI 303	Stainless steel AISI 316	Nickel-plated steel
Slide	Nickel-plated steel	Stainless steel AISI 303	Stainless steel AISI 316	Nickel-plated steel
Adapter	Nickel-plated brass	Stainless steel AISI 303	Stainless steel AISI 316	Nickel-plated brass
Valve	Nickel-plated brass	Stainless steel AISI 303	Stainless steel AISI 316	Nickel-plated brass
Spring	Stainless steel AISI 302	Stainless steel AISI 316	Stainless steel AISI 316	Stainless steel AISI 302
Ball	Chromed steel	Stainless steel AISI 316	Stainless steel AISI 316	Chromed steel
Retaining ring	Stainless steel AISI 302	Stainless steel AISI 316	Stainless steel AISI 316	Stainless steel AISI 302
Cartridge	-	-	-	Nickel-plated steel
Seal	NBR - FKM	NBR - FKM	FKM	NBR

CONNECTION	AEU-75	AEU-75-X	AEU-75-316
Body	Hardened nickel-plated steel	Stainless steel AISI 303	Stainless steel AISI 316

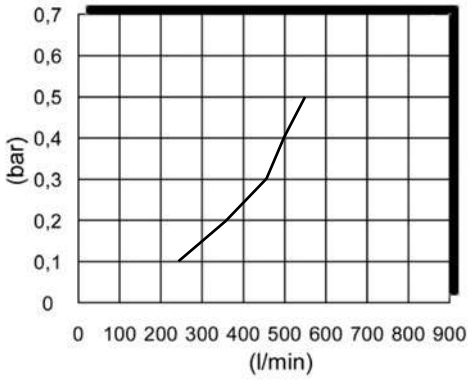
FLOW CHART
EU-75N

Chart created considering a working pressure of 6 Bar with a pressure drop of 0.5 Bar and simple shut-off.



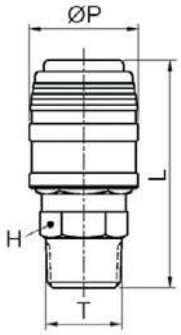
FLOW CHART
EU-75S - SAFETY

Chart created considering a working pressure of 6 Bar with a pressure drop of 0.5 Bar and simple shut-off.



EU-75N-M
Male quick coupling BSPT thread





CODE	T	ØP	L	H
EU-75N-M1/4	R 1/4"	24,4	51,7	19
EU-75N-M1/4-PL	R 1/4"	24,4	51,7	19
EU-75N-M1/4-X	R 1/4"	24,4	51,7	19
EU-75N-M1/4-X-PL	R 1/4"	24,4	51,7	19
EU-75N-M1/4-316V	R 1/4"	24,4	51,7	19
EU-75N-M1/4-316V-PL	R 1/4"	24,4	51,7	19
EU-75N-M3/8	R 3/8"	24,4	52,7	19
EU-75N-M3/8-PL	R 3/8"	24,4	52,7	19
EU-75N-M3/8-X	R 3/8"	24,4	52,7	19
EU-75N-M3/8-X-PL	R 3/8"	24,4	52,7	19
EU-75N-M3/8-316V	R 3/8"	24,4	52,7	19
EU-75N-M3/8-316V-PL	R 3/8"	24,4	52,7	19
EU-75N-M1/2	R 1/2"	24,4	57,2	22
EU-75N-M1/2-PL	R 1/2"	24,4	57,2	22
EU-75N-M1/2-X	R 1/2"	24,4	57,2	22
EU-75N-M1/2-X-PL	R 1/2"	24,4	57,2	22
EU-75N-M1/2-316V	R 1/2"	24,4	57,2	22
EU-75N-M1/2-316V-PL	R 1/2"	24,4	57,2	22

Male quick coupling BSPP thread

EU-75N-M1/4G	G 1/4"	24,4	50,2	21
EU-75N-M1/4G-PL	G 1/4"	24,4	50,2	21
EU-75N-M3/8G	G 3/8"	24,4	51,7	21
EU-75N-M3/8G-PL	G 3/8"	24,4	51,7	21
EU-75N-M1/2G	G 1/2"	24,4	54,7	24
EU-75N-M1/2G-PL	G 1/2"	24,4	54,7	24

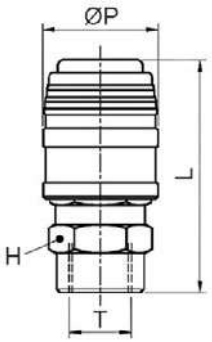
-PL: Free Passage

drawings and technical data are not binding & can be changed without notice

EU-75N-H

Female quick coupling BSPP thread





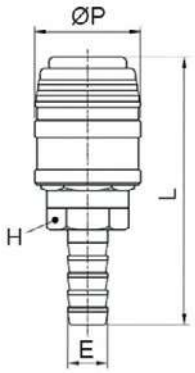
CODE	T	ØP	L	H
EU-75N-H1/4	G 1/4"	24,4	49,7	19
EU-75N-H1/4-PL	G 1/4"	24,4	49,7	19
EU-75N-H1/4-X	G 1/4"	24,4	49,7	19
EU-75N-H1/4-X-PL	G 1/4"	24,4	49,7	19
EU-75N-H1/4-316V	G 1/4"	24,4	49,7	19
EU-75N-H1/4-316V-PL	G 1/4"	24,4	49,7	19
EU-75N-H3/8	G 3/8"	24,4	51,2	22
EU-75N-H3/8-PL	G 3/8"	24,4	51,2	22
EU-75N-H3/8-X	G 3/8"	24,4	51,2	22
EU-75N-H3/8-X-PL	G 3/8"	24,4	51,2	22
EU-75N-H3/8-316V	G 3/8"	24,4	51,2	22
EU-75N-H3/8-316V-PL	G 3/8"	24,4	51,2	22
EU-75N-H1/2	G 1/2"	24,4	55,4	25
EU-75N-H1/2-PL	G 1/2"	24,4	55,4	25
EU-75N-H1/2-X	G 1/2"	24,4	55,4	25
EU-75N-H1/2-X-PL	G 1/2"	24,4	55,4	25
EU-75N-H1/2-316V	G 1/2"	24,4	55,4	25
EU-75N-H1/2-316V-PL	G 1/2"	24,4	55,4	25

-PL: Free Passage

EU-75N-E

Quick coupling with barb connector





CODE	E	ØP	L	H
EU-75N-E6	7,2	24,4	59,2	19
EU-75N-E6-PL	7,2	24,4	59,2	19
EU-75N-E8	9,2	24,4	59,2	19
EU-75N-E8-PL	9,2	24,4	59,2	19
EU-75N-E8-X	9,2	24,4	59,2	19
EU-75N-E8-X-PL	9,2	24,4	59,2	19
EU-75N-E8-316V	9,2	24,4	59,2	19
EU-75N-E8-316V-PL	9,2	24,4	59,2	19
EU-75N-E10	11,2	24,4	63,2	19
EU-75N-E10-PL	11,2	24,4	63,2	19
EU-75N-E10-X	11,2	24,4	63,2	19
EU-75N-E10-X-PL	11,2	24,4	63,2	19
EU-75N-E10-316V	11,2	24,4	63,2	19
EU-75N-E10-316V-PL	11,2	24,4	63,2	19
EU-75N-E12	13,2	24,4	68,2	19
EU-75N-E12-PL	13,2	24,4	68,2	19
EU-75N-E12-X	13,2	24,4	68,2	19
EU-75N-E12-X-PL	13,2	24,4	68,2	19
EU-75N-E13	13,8	24,4	68,2	19
EU-75N-E13-PL	13,8	24,4	68,2	19

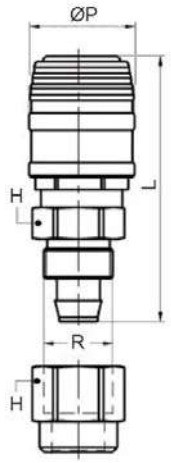
-PL: Free Passage

drawings and technical data are not binding & can be changed without notice

EU-75N-PM

Quick coupling with push-on connector





CODE	TUBE Ø	ØP	L	H
EU-75N-PM08	8x12	24,4	61,9	19
EU-75N-PM08-PL	8x12	24,4	61,9	19
EU-75N-PM08-X	8x12	24,4	61,9	19
EU-75N-PM08-X-PL	8x12	24,4	61,9	19
EU-75N-PM10	10x15	24,4	62,6	22
EU-75N-PM10-PL	10x15	24,4	62,6	22

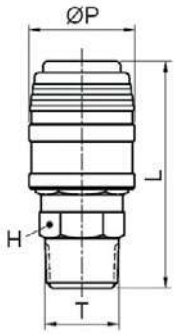
Recommended for use with PU-PVC tube on page 751

-PL: Free Passage

EU-75S-M

Safety male quick coupling BSPT thread





CODE	T	ØP	L	H
EU-75S-M1/4	R 1/4"	28,5	53,6	19
EU-75S-M3/8	R 3/8"	28,5	54,6	19
EU-75S-M1/2	R 1/2"	28,5	59,1	22

Safety male quick coupling BSPP thread

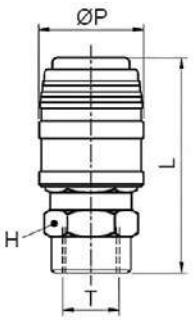
EU-75S-M1/4G	G 1/4"	28,5	52,1	21
EU-75S-M3/8G	G 3/8"	28,5	53,6	21
EU-75S-M1/2G	G 1/2"	28,5	54,7	24

EU-75S-M
It complies with the safety requirements stated in UNI-EN ISO 4414:2011: Protection against accidental tearing of the tube during decompression, "whiplash" effect.

EU-75S-H

Female safety quick coupling BSPP thread





CODE	T	ØP	L	H
EU-75S-H1/4	G 1/4"	28,5	51,6	19
EU-75S-H3/8	G 3/8"	28,5	53,1	22
EU-75S-H1/2	G 1/2"	28,5	57,3	25

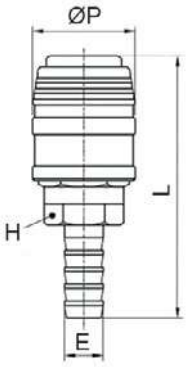
EU-75S-H
It complies with the safety requirements stated in UNI-EN ISO 4414:2011: Protection against accidental tearing of the tube during decompression, "whiplash" effect.

drawings and technical data are not binding & can be changed without notice

EU-75S-E

Safety quick coupling with barb connector





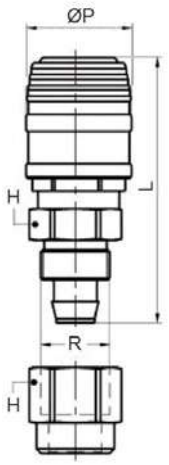
CODE	E	ØP	L	H
EU-75S-E6	7,2	28,5	61,1	19
EU-75S-E8	9,2	28,5	61,1	19
EU-75S-E10	11,2	28,5	65,1	19
EU-75S-E12	13,2	28,5	70,1	19
EU-75S-E13	13,8	28,5	70,1	19

EU-75S-E
It complies with the safety requirements stated in UNI-EN ISO 4414:2011: Protection against accidental tearing of the tube during decompression, "whiplash" effect.

EU-75S-PM

Safety quick coupling with push-on connector





CODE	TUBE Ø	ØP	L	H
EU-75S-PM08	8x12	28,5	65,2	19
EU-75S-PM10	10x15	28,5	70,0	22

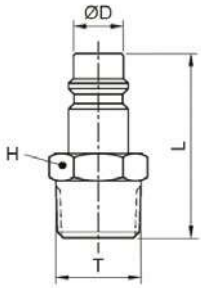
Recommended for use with PU-PVC tube on page 751

EU-75S-PM
It complies with the safety requirements stated in UNI-EN ISO 4414:2011: Protection against accidental tearing of the tube during decompression, "whiplash" effect.

AEU-75M

Male connection BSPT thread



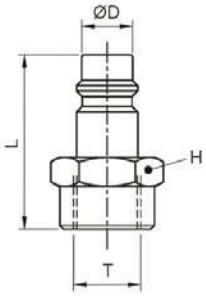


CODE	T	ØD	L	H
AEU-75M	R 1/4"	10	36,5	14
AEU-75M-X	R 1/4"	10	36,5	14
AEU-75M-316	R 1/4"	10	36,5	14
AEU-75M38	R 3/8"	10	37,0	17
AEU-75M38-316	R 3/8"	10	37,0	17
AEU-75M12-316	R 1/2"	10	42,0	22

AEU-75H

Female connection BSPP thread



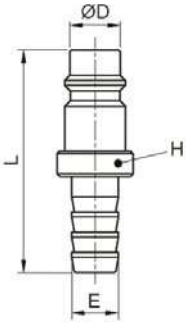


CODE	T	ØD	L	H
AEU-75H	G 1/4"	10	34,0	17
AEU-75H-X	G 1/4"	10	34,0	17
AEU-75H-316	G 1/4"	10	34,0	17
AEU-75H38	G 3/8"	10	34,5	20
AEU-75H38-316	G 3/8"	10	34,5	22
AEU-75H12-316	G 1/2"	10	40,0	24

AEU-75E

Connection with barb connector



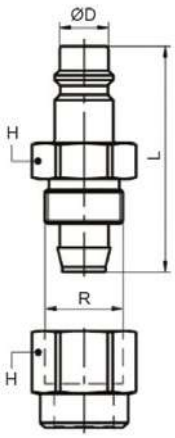


CODE	E	ØD	L	H
AEU-75E	9,2	10	44,0	15
AEU-75E-X	9,2	10	44,0	15
AEU-75E10	11,2	10	48,0	15
AEU-75E10-316	11,2	10	48,0	15
AEU-75E12-316	13,2	10	48,0	17

AEU-75PM

Connection with barb connector

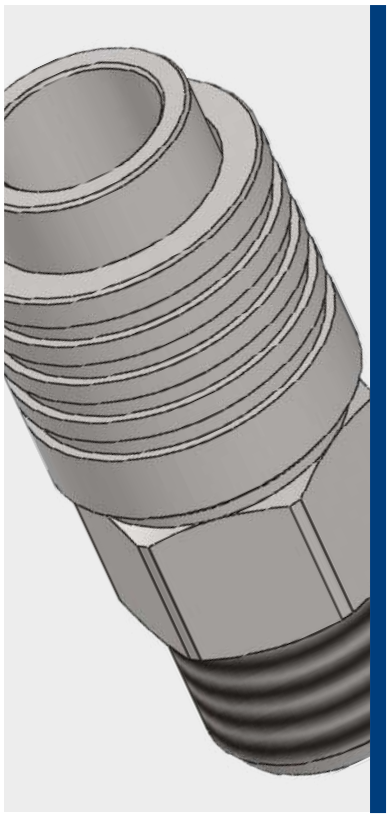




CODE	TUBE Ø	R	ØD	L	H
AEU-75PM08	8x12	M16x1	10	46,7	19
AEU-75PM08-X	8x12	M16x1	10	46,7	19
AEU-75PM10	10x15	M20x1	10	51,5	22

Recommended for use with PU-PVC tube on page 751

drawings and technical data are not binding & can be changed without notice



NBR: -10°C ÷ 95°C
FKM: -15°C ÷ 205°C
Standard version: NBR
Stainless steel AISI 316 version: FKM

Working pressure:
0-12 Bar (suggested)
35 Bar (max)

- Taper gas BSPT ISO 7 from R1/4" to R1/2"
- Parallel gas BSPP ISO 228 from G1/4" to G1/2"

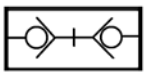
EU-DO75: Compressed air and fluids suitable with construction materials
EU-DO75-316: Compressed air, water, grease, oils, mild acids, applications in highly oxidising or corrosive environments and fluids suitable with construction materials

PROFILE
Germany

NOMINAL DIAMETER
5,1 mm

FLOWRATE
371 l/min

CONFIGURATIONS



DO
Double
Shutter

Food contact materials
EC 1935/2004
EU-DO75-316 &
AEU-DO-316 Series

D.M. 174/2004
EU-DO75-316 &
AEU-DO-316 Series

Products in compliance with EC Regulation 1907/2006

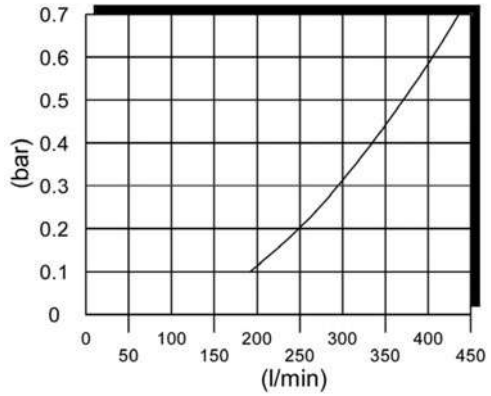
Products in compliance with the directive EU 2015/863

COMPONENTS	EU-DO75	EU-DO75-316
Body	Brass	Stainless steel AISI 316
Slide	Stainless steel AISI 302	Stainless steel AISI 302
Adapter	Brass	Stainless steel AISI 316
Valve	Brass	Stainless steel AISI 316
Spring	Stainless steel AISI 302	Stainless steel AISI 316
Ball	Stainless steel AISI 316	Stainless steel AISI 316
Retaining ring	Stainless steel AISI 302	Stainless steel AISI 302
Seal	NBR - FKM	FKM

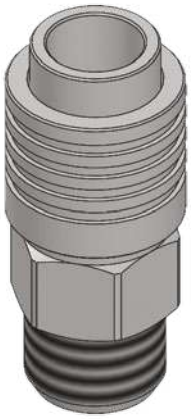
CONNECTION	AEU-DO	AEU-DO-316
Body	Brass	Stainless steel AISI 316
Adapter	Brass	Stainless steel AISI 316
Valve	Brass	Stainless steel AISI 316
Spring	Stainless steel AISI 302	Stainless steel AISI 302
Seal	NBR - FKM	FKM

FLOW CHART

Chart created considering a working pressure of 6 Bar with a pressure drop of 0.5 Bar and simple shut-off.



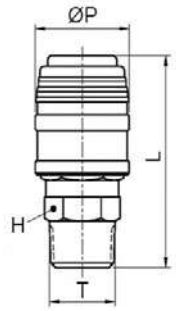
VIEW - QUICK COUPLING EUROSTANDARD-DO



EU-DO75-M

Male quick coupling BSPT thread



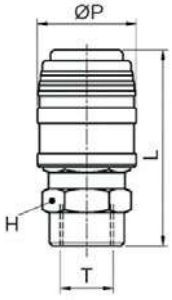


CODE	T	ØP	L	H
EU-DO75M14	R 1/4"	24,4	51,7	19
EU-DO75M14-316V	R 1/4"	24,4	51,7	19
EU-DO75M38	R 3/8"	24,4	52,7	19
EU-DO75M38-316V	R 3/8"	24,4	52,7	19
EU-DO75M12	R 1/2"	24,4	57,2	22
EU-DO75M12-316V	R 1/2"	24,4	57,2	22

EU-DO75-H

Female quick coupling BSPP thread





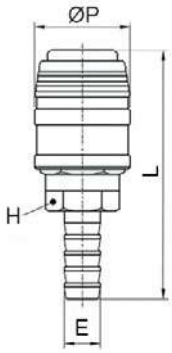
CODE	T	ØP	L	H
EU-DO75H14	G 1/4"	24,4	49,7	19
EU-DO75H14-316V	G 1/4"	24,4	49,7	19
EU-DO75H38	G 3/8"	24,4	51,2	22
EU-DO75H38-316V	G 3/8"	24,4	51,2	22
EU-DO75H12	G 1/2"	24,4	55,4	25
EU-DO75H12-316V	G 1/2"	24,4	55,4	25

drawings and technical data are not binding & can be changed without notice

EU-DO75-E

Quick coupling with barb connector



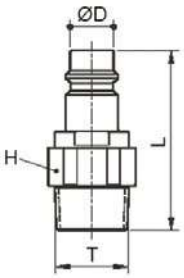


CODE	E	ØP	L	H
EU-DO75E6	7,2	24,4	59,2	19
EU-DO75E8	9,2	24,4	59,2	19
EU-DO75E8-316V	9,2	24,4	59,2	19
EU-DO75E10	11,2	24,4	63,2	19
EU-DO75E10-316V	11,2	24,4	63,2	19
EU-DO75E12	13,2	24,4	68,2	19
EU-DO75E13	13,8	24,4	68,2	19

AEU-DO75M

Male connection with shutter BSPT thread



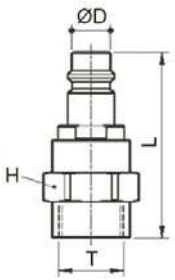


CODE	T	ØD	L	H
AEU-DO75M14	R 1/4"	10	18,0	17
AEU-DO75M14-316V	R 1/4"	10	18,0	17
AEU-DO75M38	R 3/8"	10	20,2	19
AEU-DO75M38-316V	R 3/8"	10	20,2	19
AEU-DO75M12	R 1/2"	10	23,4	22
AEU-DO75M12-316V	R 1/2"	10	23,4	22

AEU-DO75H

Female connection with shutter BSPP thread



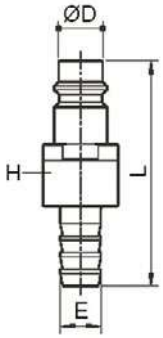


CODE	T	ØD	L	H
AEU-DO75H14	G 1/4"	10	19,0	17
AEU-DO75H14-316V	G 1/4"	10	19,0	17
AEU-DO75H38	G 3/8"	10	24,5	22
AEU-DO75H38-316V	G 3/8"	10	24,5	22
AEU-DO75H12	G 1/2"	10	27,0	24
AEU-DO75H12-316V	G 1/2"	10	27,0	24

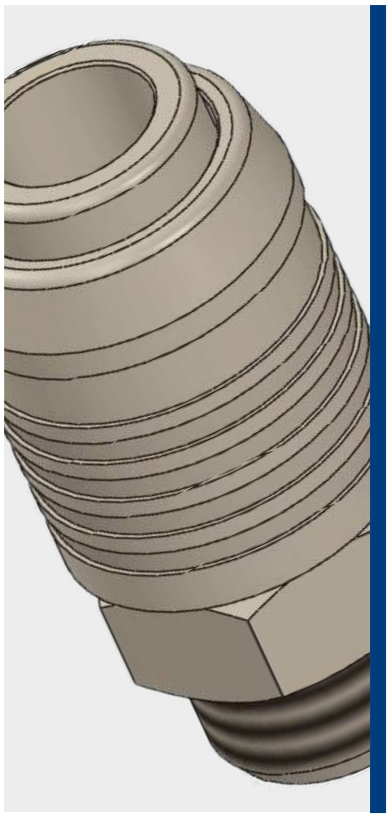
AEU-DO75E

Connection with shutter and barb connector





CODE	E	ØD	L	H
AEU-DO75E8	9,2	10	54,0	17
AEU-DO75E8-316V	9,2	10	54,0	17
AEU-DO75E10	11,2	10	58,0	17



NBR: -10°C ÷ 95°C

Working pressure:
0-12 Bar (suggested)
35 Bar (max)

Compressed air

- Taper gas BSPT ISO 7 from R1/4" to R1/2"
- Parallel gas BSPP ISO 228 from G1/4" to G1/2"

FLOWRATE

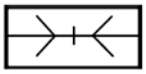
NE-10: 606 l/min

AEU-75: 1086 l/min

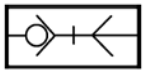
PROFILE: EUROFLUID



CONFIGURATIONS



PL
Free
Passage



SO
Single
Shutter

Products in compliance with EC Regulation 1907/2006

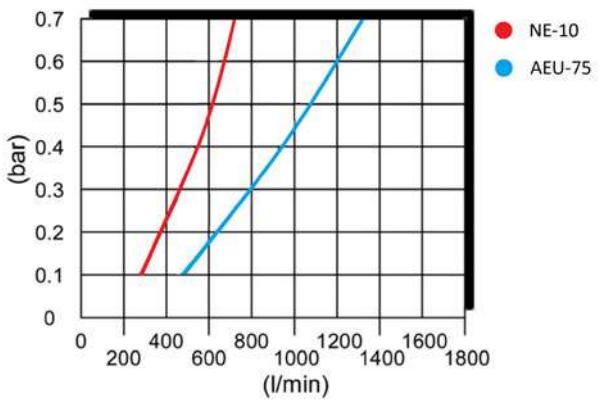
Products in compliance with the directive EU 2015/863

COMPONENTS	EUROFLUID
Body	Nickel-plated steel
Slide	Nickel-plated steel
Adapter	Nickel-plated brass
Valve	Nickel-plated brass
Spring	Stainless steel AISI 302
Ball	Chromed steel
Retaining ring	Stainless steel AISI 302
Seal	NBR

CONNECTION	NE-10	AEU-75
Body	Hardened nickel-plated steel	Hardened nickel-plated steel

FLOW CHART

Chart created considering a working pressure of 6 Bar with a pressure drop of 0.5 Bar and simple shut-off.



VIEW - QUICK COUPLING EUROFLUID

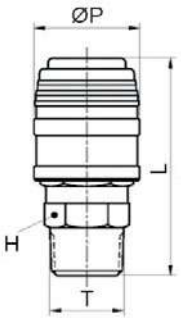


drawings and technical data are not binding & can be changed without notice

EUROFLUID-M

Male quick coupling BSPT thread





CODE	T	ØP	L	H
EUROFLUID-M1/4	R 1/4"	24,4	51,7	19
EUROFLUID-M1/4-PL	R 1/4"	24,4	51,7	19
EUROFLUID-M3/8	R 3/8"	24,4	52,7	19
EUROFLUID-M3/8-PL	R 3/8"	24,4	52,7	19
EUROFLUID-M1/2	R 1/2"	24,4	57,2	22
EUROFLUID-M1/2-PL	R 1/2"	24,4	57,2	22

Male quick coupling BSPP thread

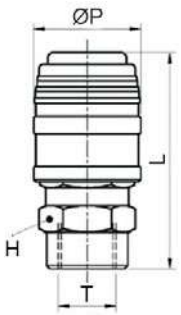
EUROFLUID-M1/4G	G 1/4"	24,4	50,2	21
EUROFLUID-M1/4G-PL	G 1/4"	24,4	50,2	21
EUROFLUID-M3/8G	G 3/8"	24,4	51,7	21
EUROFLUID-M3/8G-PL	G 3/8"	24,4	51,7	21
EUROFLUID-M1/2G	G 1/2"	24,4	54,7	24
EUROFLUID-M1/2G-PL	G 1/2"	24,4	54,7	24

-PL: Free Passage

EUROFLUID-H

Female quick coupling BSPP thread





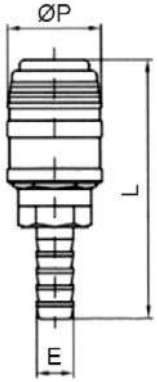
CODE	T	ØP	L	H
EUROFLUID-H1/4	G 1/4"	24,4	49,7	19
EUROFLUID-H1/4-PL	G 1/4"	24,4	49,7	19
EUROFLUID-H3/8	G 3/8"	24,4	51,2	22
EUROFLUID-H3/8-PL	G 3/8"	24,4	51,2	22
EUROFLUID-H1/2	G 1/2"	24,4	55,4	25
EUROFLUID-H1/2-PL	G 1/2"	24,4	55,4	25

-PL: Free Passage

EUROFLUID-E

Quick coupling with barb connector





CODE	E	ØP	L	H
EUROFLUID-E6	7,2	24,4	59,2	19
EUROFLUID-E6-PL	7,2	24,4	59,2	19
EUROFLUID-E8	9,2	24,4	59,2	19
EUROFLUID-E8-PL	9,2	24,4	59,2	19
EUROFLUID-E10	11,2	24,4	63,2	19
EUROFLUID-E10-PL	11,2	24,4	63,2	19
EUROFLUID-E12	13,2	24,4	68,2	19
EUROFLUID-E12-PL	13,2	24,4	68,2	19
EUROFLUID-E13	13,8	24,4	68,2	19
EUROFLUID-E13-PL	13,8	24,4	68,2	19

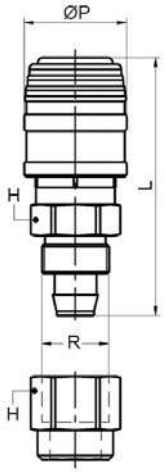
-PL: Free Passage

drawings and technical data are not binding & can be changed without notice

EUROFLUID-PM

Quick coupling with push-on connector





CODE	TUBE Ø	ØP	L	H
EUROFLUID-PM08	8x12	24,4	61,9	19
EUROFLUID-PM08-PL	8x12	24,4	61,9	19
EUROFLUID-PM10	10x15	24,4	66,7	22
EUROFLUID-PM10-PL	10x15	24,4	66,7	22

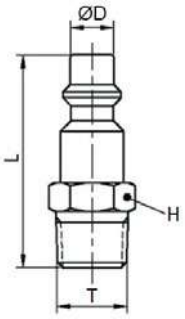
Recommended for use with PU-PVC tube on page 751

-PL: Free Passage

NE-10M

Male connection BSPT thread





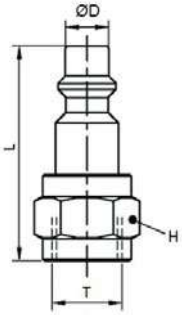
CODE	T	ØD	L	H
NE-10M	R 1/4"	8	40,0	14
NE-10M-3/8	R 3/8"	8	42,5	17
NE-10M-1/2	R 1/2"	8	46,0	22

NE-10M: Connection available in the FLUID-10N & FLUID-10S SERIES on page 569

NE-10H

Female connection BSPP thread





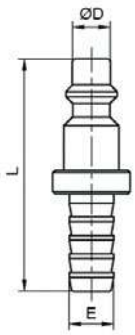
CODE	T	ØD	L	H
NE-10H	G 1/4"	8	40,0	17
NE-10H-3/8	G 3/8"	8	41,5	22
NE-10H-1/2	G 1/2"	8	44,0	25

NE-10H: Connection available in the FLUID-10N & FLUID-10S SERIES on page 569

NE-10E

Connection with barb connector





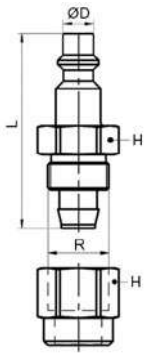
CODE	E	ØD	L
NE-10E-6	7,2	8	46,0
NE-10E-8	9,2	8	47,0
NE-10E-10	11,2	8	52,0
NE-10E-12	13,2	8	54,0

NE-10E: Connection available in the FLUID-10N & FLUID-10S SERIES on page 569

NE-10PM

Connection with push-on connector





CODE	TUBE Ø	R	ØD	L	H
NE-10PM-08	8x12	M16x1	8	50,7	19
NE-10PM-10	10x15	M20x1	8	55,5	22

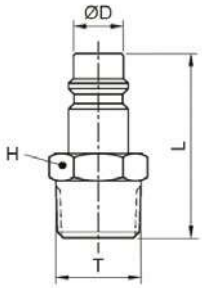
Recommended for use with PU-PVC tube on page 751

NE-10PM: Connection available in the FLUID-10N & FLUID-10S SERIES on page 569

AEU-75M

Male connection BSPT thread





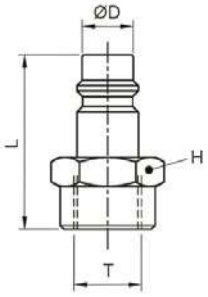
CODE	T	ØD	L	H
AEU-75M	R 1/4"	10	36,5	14
AEU-75M38	R 3/8"	10	37,0	17

AEU-75M: Connection available in the EUROSTANDARD SERIES on page 597

AEU-75H

Female connection BSPP thread





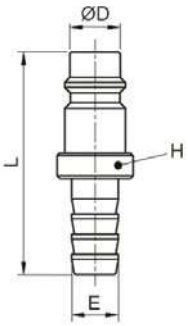
CODE	T	ØD	L	H
AEU-75H	G 1/4"	10	34,0	17
AEU-75H38	G 3/8"	10	34,5	20

AEU-75H: Connection available in the EUROSTANDARD SERIES on page 597

AEU-75E

Connection with barb connector





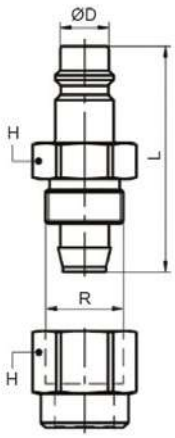
CODE	E	ØD	L	H
AEU-75E	9,2	10	44,0	15
AEU-75E10	11,2	10	48,0	15

AEU-75E: Connection available in the EUROSTANDARD SERIES on page 597

AEU-75PM

Connection with push-on connector





CODE	TUBE Ø	R	ØD	L	H
AEU-75PM08	8x12	M16x1	10	46,7	19
AEU-75PM10	10x15	M20x1	10	51,5	22

Recommended for use with PU-PVC tube on page 751

AEU-75PM: Connection available in the EUROSTANDARD SERIES on page 597

drawings and technical data are not binding & can be changed without notice





NBR: -10°C ÷ 95°C
FKM: -20°C ÷ 205°C
Standard version: NBR
Stainless steel AISI 316 version: FKM

Working pressure:
200 Bar (max)

CRHL12 & CRHL12R:
Compressed air and fluids suitable with construction materials
CRHL12-303 & CRHL-303R:
Compressed air, water, industrial soaps, applications in oxidising or corrosive environments and fluids suitable with construction materials
CRHL12-316 & CRHL12-316R:
Compressed air, water, grease, oils, mild acids, applications in highly oxidising or corrosive environments and fluids suitable with construction materials

Parallel gas BSPP ISO 228
from G1/4" to G1/2"

NOMINAL DIAMETER

12,1 mm

CONFIGURATIONS

PL
Free
Passage

Products in compliance with EC Regulation 1907/2006

Products in compliance with the directive EU 2015/863

COMPONENTS	CRHL12 & CRHL12-R	CRHL12-303 & CRHL12-R-303	CRHL12-316 & CRHL12-R-316
Body	Brass	Stainless steel AISI 303	Stainless steel AISI 316
Slide	Nickel-plated steel	Stainless steel AISI 303	Stainless steel AISI 316
Slide support	EPDM BLACK (CRHL12R)	EPDM BLACK (CRHL12-303R)	EPDM BLUE (CRHL12-316R)
Spring	Stainless steel AISI 302	Stainless steel AISI 302	Stainless steel AISI 302
Ball	Stainless steel AISI 316	Stainless steel AISI 316	Stainless steel AISI 316
Retaining ring	Stainless steel AISI 302	Stainless steel AISI 302	Stainless steel AISI 302
Seal	NBR - FKM	NBR - FKM	NBR - FKM

CONNECTION	ACRHL12	ACRHL12-303	ACRHL12-316
Body	Nickel-plated steel	Stainless steel AISI 303	Stainless steel AISI 316

VIEW - QUICK COUPLING CRHL12-R-H

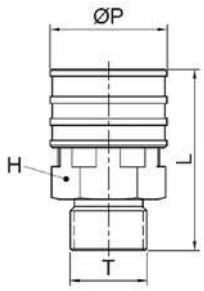


drawings and technical data are not binding & can be changed without notice

CRHL12-M

Male quick coupling BSPP thread





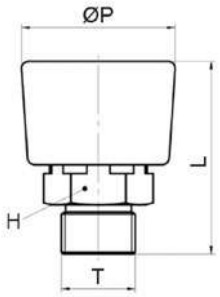
CODE	T	ØP	L	H
CRHL12-M12G-303	G 1/2"	32,0	49,6	27
CRHL12-M12G-316	G 1/2"	32,0	49,6	27

CRHL12-M
Supplied with NBR seal

CRHL12-R-M

Male quick coupling with rubber cover BSPP thread





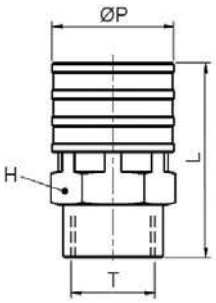
CODE	T	ØP	L	H
CRHL12-M12G-303R	G 1/2"	44,0	57,6	27
CRHL12-M12G-316R	G 1/2"	44,0	57,6	27

CRHL12-R-M
Supplied with NBR seal

CRHL12-H

Female quick coupling BSPP thread





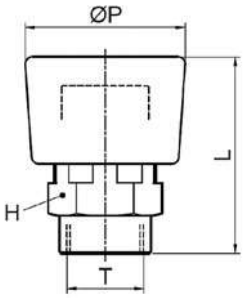
CODE	T	ØP	L	H
CRHL12-H38	G 3/8"	32,0	40,7	27
CRHL12-H38-303	G 3/8"	32,0	40,7	27
CRHL12-H38-316	G 3/8"	32,0	40,7	27
CRHL12-H12	G 1/2"	32,0	46,1	27
CRHL12-H12-303	G 1/2"	32,0	46,1	27
CRHL12-H12-316	G 1/2"	32,0	46,1	27

drawings and technical data are not binding & can be changed without notice

CRHL12-R-H

Female quick coupling with rubber cover BSPP thread



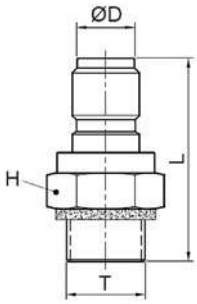


CODE	T	ØP	L	H
CRHL12-H38R	G 3/8"	44,0	48,7	27
CRHL12-H38-303R	G 3/8"	44,0	48,7	27
CRHL12-H38-316R	G 3/8"	44,0	48,7	27
CRHL12-H12R	G 1/2"	44,0	54,1	27
CRHL12-H12-303R	G 1/2"	44,0	54,1	27
CRHL12-H12-316R	G 1/2"	44,0	54,1	27

ACRHL12-M-C

Male connection BSPP thread with O-ring





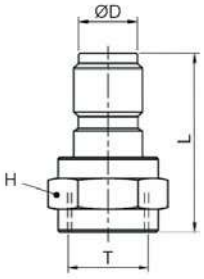
CODE	T	ØD	L	H
ACRHL12-M12G-303C	G 1/2"	15,3	54,0	27
ACRHL12-M12G-316C	G 1/2"	15,3	54,0	27

ACRHL12-M-C
Supplied with NBR seal

ACRHL12-H

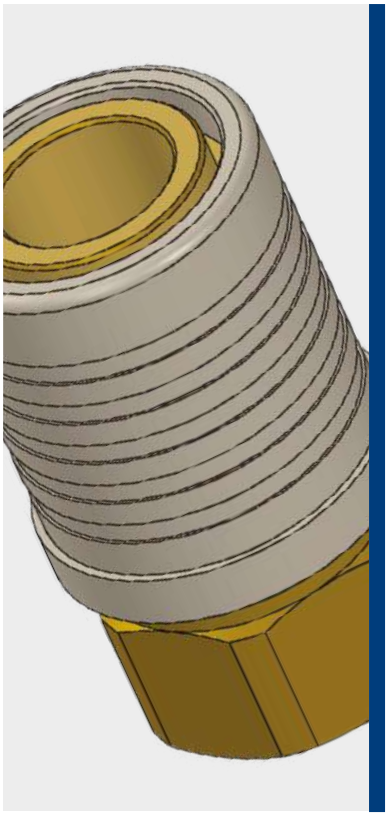
Female connection BSPP thread





CODE	T	ØD	L	H
ACRHL12-H14	G 1/4"	15,3	37,5	20
ACRHL12-H14-303	G 1/4"	15,3	37,5	22
ACRHL12-H38	G 3/8"	15,3	37,5	22
ACRHL12-H38-303	G 3/8"	15,3	37,5	22
ACRHL12-H38-316	G 3/8"	15,3	37,5	22
ACRHL12-H12	G 1/2"	15,3	44,5	27
ACRHL12-H12-303	G 1/2"	15,3	44,5	27
ACRHL12-H12-316	G 1/2"	15,3	44,5	27





NBR: -10°C ÷ 95°C
FKM: -20°C ÷ 205°C
Standard version: NBR

Working pressure:
35 Bar (max)

Compressed air, water for cooling systems, oils and fluids suitable with construction materials.
Mainly used for cooling injection moulds.

- Taper gas BSPT ISO 7 from R1/8" to R1/2"
- Parallel gas BSPP ISO 228 from G1/8" to G3/8"

NOMINAL DIAMETER

8,5 mm

FLOWRATE

1135 l/min

CONFIGURATIONS



PL
Free
Passage

SO
Single
Shutter

Products in compliance with EC Regulation 1907/2006

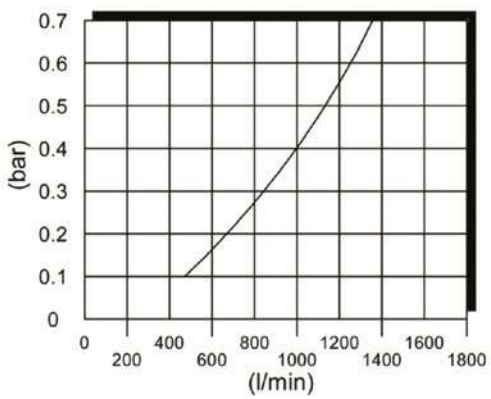
Products in compliance with the directive EU 2015/863

COMPONENTI	CRM-55
Body	Brass
Slide	Nickel-plated steel
Adapter	Brass
Valve	Brass
Spring	Stainless steel AISI 302
Ball	Stainless steel AISI 420
Retaining ring	Stainless steel AISI 302
Clip	Stainless steel AISI 304
Seal support	Brass
Seal	NBR - FKM

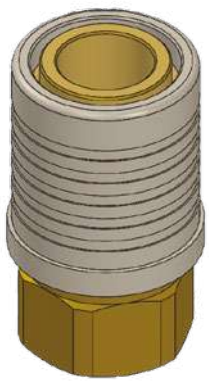
CONNECTION	ACRM-55-L	ACRM-55	ACRM-55-X
Body	Brass	Nickel-plated steel	Stainless steel AISI 303

FLOW CHART

Grafico realizzato tenendo conto di una pressione d'esercizio pari a 6 Bar con perdita di carico di 0,5 Bar e semplice intercettazione.



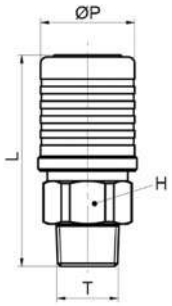
VIEW - QUICK COUPLING CRM-55-H



CRM-55-M

Male quick coupling BSPT thread





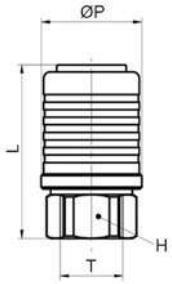
CODE	T	ØP	L	H
CRM-55-3/8-M	R 3/8"	25,5	57,6	22
CRM-55-3/8-PL-M	R 3/8"	25,5	57,6	22
CRM-55-1/2-M	R 1/2"	25,5	61,0	22
CRM-55-1/2-PL-M	R 1/2"	25,5	61,0	22

-PL: Free Passage

CRM-55-H

Female quick coupling BSPP thread





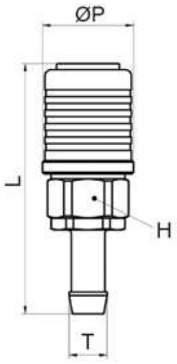
CODE	T	ØP	L	H
CRM-55-3/8	G 3/8"	25,5	46,0	22
CRM-55-3/8-PL	G 3/8"	25,5	46,0	22

-PL: Free Passage

CRM-55-E

Quick coupling with barb connector





CODE	E	ØP	L	H
CRM-55-E	11,2	25,5	74,5	22
CRM-55-PL-E	11,2	25,5	74,5	22

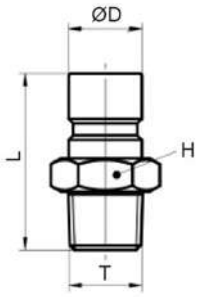
-PL: Free Passage

drawings and technical data are not binding & can be changed without notice

ACRM-55-M

Male connection BSPT thread





CODE	T	ØD	L	H
ACRM-55M1-L	R 1/8"	13,2	30,3	17
ACRM-55M1	R 1/8"	13,2	30,3	17
ACRM-55M-L	R 1/4"	13,2	31,8	17
ACRM-55M	R 1/4"	13,2	31,8	17
ACRM-55M-X	R 1/4"	13,2	31,8	17
ACRM-55M-3/8	R 3/8"	13,2	32,8	17

ACRM-55-H

Female connection BSPP thread



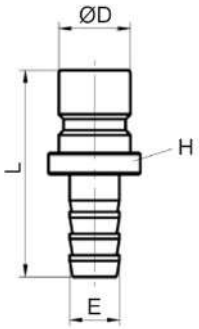


CODE	T	ØD	L	H
ACRM-55H1-L	G 1/8"	13,2	31,3	17
ACRM-55H1	G 1/8"	13,2	31,3	17
ACRM-55H-L	G 1/4"	13,2	31,3	17
ACRM-55H	G 1/4"	13,2	31,3	17
ACRM-55H-X	G 1/4"	13,2	31,3	17
ACRM-55H-3/8	G 3/8"	13,2	35,3	22

ACRM-55-E

Connection with barb connector





CODE	E	ØD	L	H
ACRM-55-E8	9,2	13,2	38,3	-

