



STUCCHI  
Innesti Rapidi  
Serie innesti speciali



 HYDRAULIC  
COMPONENTS  
& FLUID CONTAMINATION  
CONTROL















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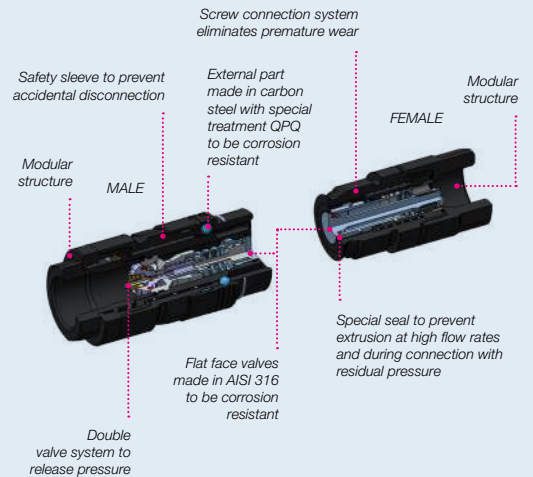
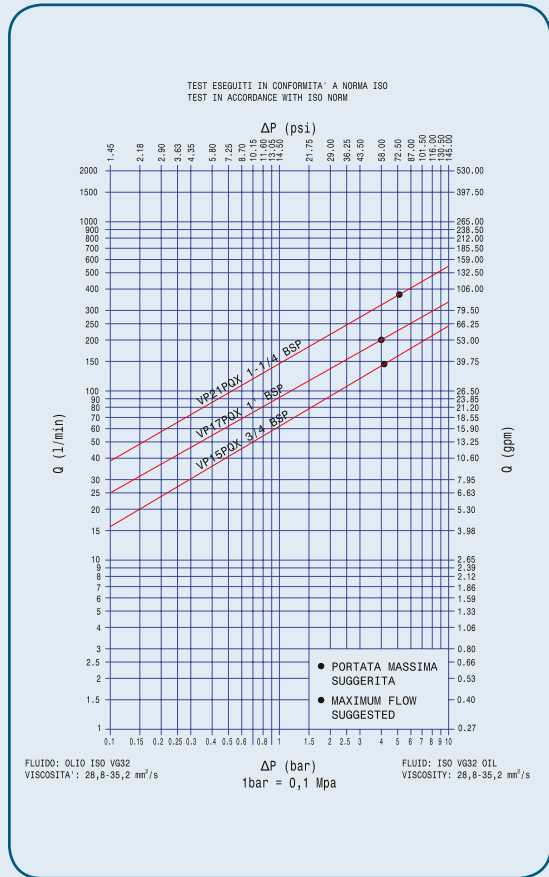


## Technical specifications and options

 <b>Interchange</b> Stucchi profile	 <b>Sealing description</b> Nitrile NBR	 <b>Connection system</b> Screw
 <b>Available sizes</b> from 5/8" to 1"	 <b>Material /treatment</b> Carbon steel, QPQ; male piston and female flat face valve in stainless steel; internal parts in carbon steel	 <b>Available threads</b> BSP, BSP ED
 <b>Operating pressure</b> up to 420 bar	 <b>Locking mechanism</b> Screw to connect, Safety sleeve	 <b>Flow rate</b> up to 378 l/min
 <b>Temperature</b> -20°C / +100°C	 <b>Valving style</b> Flat face	 <b>Connection under pressure</b> Allowed with Easy CUP

## Benefits

- Special Stucchi solution for hydraulic fluid power application where a superior resistance is required in certain corrosive environments
- Products manufactured in carbon steel and treated with special nitriding and oxidation QPQ treatment
- External parts in contact with oil (male and female flat face valve) in stainless steel AISI316 to be corrosion resistant
- Internal components in carbon steel with CR3 zinc plating to be suitable for hydraulic oil media.
- This series combines the benefits of VP-P series with the special design of the surface (QPQ with AISI)
- The internal pressure release valve system allows easy connection/disconnection with both sides under high residual pressure
- Flat face is easy to clean, reducing the inclusion of contamination inside the hydraulic circuit
- Minimal fluid spillage during disconnection, reducing fluid spillage to the environment
- Minimal air inclusion during connection
- Internal valve design creates minimal pressure drop, maintaining circuit efficiency in the system
- The safety sleeve integrated in the connection system prevents the accidental disconnection
- The modular design allows flexibility with a wide range of configurations
- High resistance to pressure impulses
- Safe and simple to use



## MAIN APPLICATIONS



## How to use

- Before to connect, clean the mating surface of the couplings to avoid dirt inclusion in the circuit
- To connect align the female coupling to the male coupling, push the male and twist in one motion to catch the first thread on the female half and continue to thread together (do not push together couplings, screw only)
- The screwing of the threads should be done by hand without the use of the tools for the first part of the connection
- Always connect male and female with the male adaptor fixed on the hose (male adaptor should not rotate during connection)
- The use of tools for the second part of connection can be necessary if there is high residual pressure in the circuit
- Screw the mating halves until the sleeve lock clicks into position. This activates the safety lock and eliminates accidental disconnection of the coupling
- To disconnect push the safety locking sleeve towards the male coupling and unscrew the connection
- The lock is disengaged after one complete rotation of the coupler, continue to unscrew until both halves disconnect
- If the safety lock sleeve will not push back rotate the male coupling to couple direction until the sleeve will push back
- Apply protection cap after disconnection to protect from dust and dirt
- Provide an adequate maintenance of the parts (washing with clear water, lubricate and grease the QPQ surface) to prolongue the life in corrosive environment

## Performances

Size	Series	Max. flow suggested		Connect torque		Disconnect torque		Spillage	Max. operating pressure						Burst pressure							
									Coupled		Male		Female		Coupled		Male		Female			
Inch		l/min	GPM	Nm	lbf ft	Nm	lbf ft	ml	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi
5/8	15	148	39,22	1,1	0,81	1,0	0,74	0,03	42	6090	42	6090	25	3625	110	15950	110	15950	80	11600	80	11600
3/4	17	200	53,00	2,0	1,47	1,4	1,03	0,01	42	6090	42	6090	25	3625	100	14500	100	14500	80	11600	80	11600
1	21	378	100,17	2,2	1,62	1,8	1,33	0,06	42	6090	42	6090	25	3625	95	13780	90	13780	80	11600	80	11600

Max. residual during connection						Max. residual pressure during Disconnection	
Male, female to drain		Female, male to drain		Male and female			
MPa	psi	MPa	psi	MPa	psi	MPa	psi
25	3625	25	3625	20	2900	20	2900
25	3625	25	3625	15	2175	15	2175
25	3625	25	3625	15	2175	15	2175

\* Spillage is an indicative value of the fluid loss during disconnection (according to ISO norm test method).  
Connect torque and disconnect torque without residual pressure.  
Due to increasing of the internal residual pressure, the torque increases.

### Temperature range:

Standard seals NBR, PUR, POM from -20 °C to +100 °C (from -4 °F to +212 °F).  
Please read carefully Instructions and warnings for proper selection of the products.

### Tests performed:

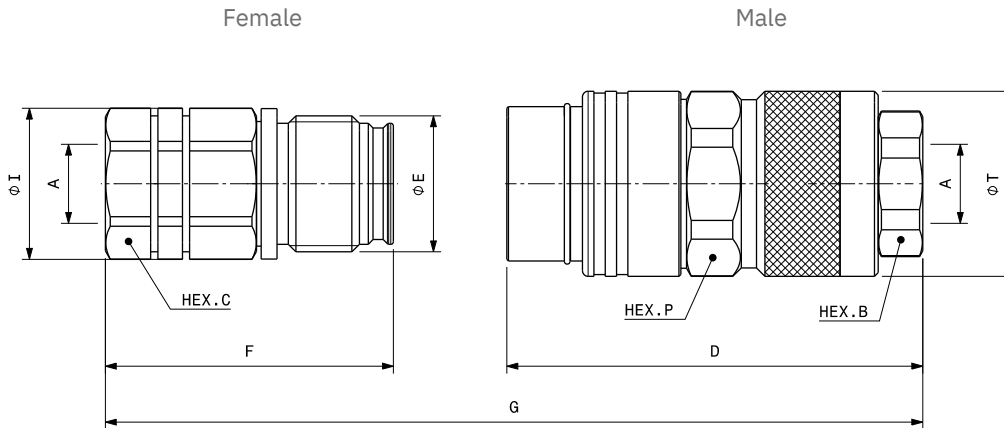
The couplings have been tested at max. operating pressure for 100.000 impulses according to ISO norm.

Connection and disconnection with residual pressure in both couplings is recommended for occasional operations only.  
For ordinary operations it is suggested to release pressure in one side before to connect and disconnect in way that operator effort and wearing of the couplings are reduced.

### Different possible configurations:

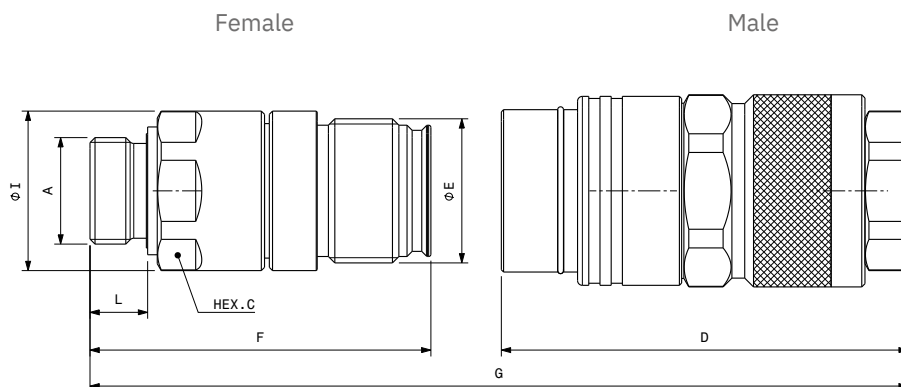
Different threads available upon request.

## Overall dimensions



## Port description: FEMALE BSPB THREAD (DIN 3852)

Body size	Descriptive code	Item code	Port (A)	E	Overall length		Length		Hex		Hex		Diameter		Weight						
					mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kg	Ibs					
5/8	F VP15PQX 3/4 BSP	803800048	3/4"	M39x3	G	170,8	6,72	F	83,4	3,28	C	41	1,61	-	-	-	I	44,8	1,76	0,580	1,279
	M VP15PQX 3/4 BSP	803800049						D	110	4,33	B	38,5	1,52	P	48	1,89	T	52,0	2,05	1,131	2,493
3/4	F VP17PQX 1 BSP	803800052	1"	M45x3	G	198,9	7,83	F	98	3,86	C	46	1,81	-	-	-	I	49,8	1,96	0,940	2,072
	M VP17PQX 1 BSP	803800053						D	127,1	5,00	B	49,8	1,96	P	55	2,17	T	60,0	2,36	1,687	3,719
1	F VP21PQX 1-1/4 BSP	803800056	1-1/4"	M55x3	G	214,8	8,46	F	105	4,13	C	55	2,17	-	-	-	I	59,8	2,35	1,410	3,109
	M VP21PQX 1-1/4 BSP	803800057						D	137	5,39	B	55	2,17	P	70	2,76	T	76,0	2,99	2,535	5,589

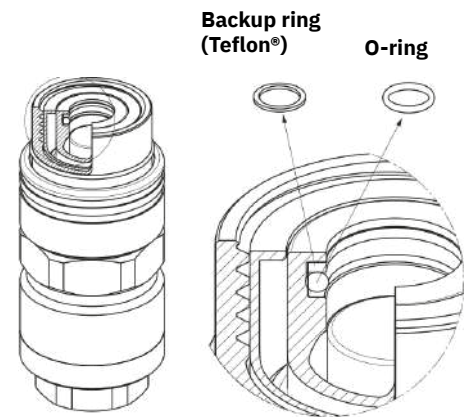


## Port description: MALE BSPB THREAD ED type (DIN 3852)

Body size	Descriptive code	Item code	Port (A)	E	Overall length		Length		Hex		Diameter		Weight					
					mm	inch	mm	inch	mm	inch	mm	inch	Kg	Ibs				
5/8	F VP15PQXED 3/4 BSP EST	803800050	3/4"	M39x3	G	F+D-18,5	F+D-0,85	F	85,9	3,38	C	41	1,61	I	44,8	1,76	1,053	2,321
3/4	F VP17PQXED 1 BSP EST	803800054	1"	M45x3	G	F+D-22,6	F+D-0,89	F	106,4	4,19	C	46	1,81	I	49,8	1,96	0,940	2,072
1	F VP21PQXED 1-1/4 BSP EST	803800058	1-1/4"	M55x3	G	F+D-27,2	F+D-1,07	F	114	4,49	C	55	2,17	I	59,8	2,35	1,465	3,230

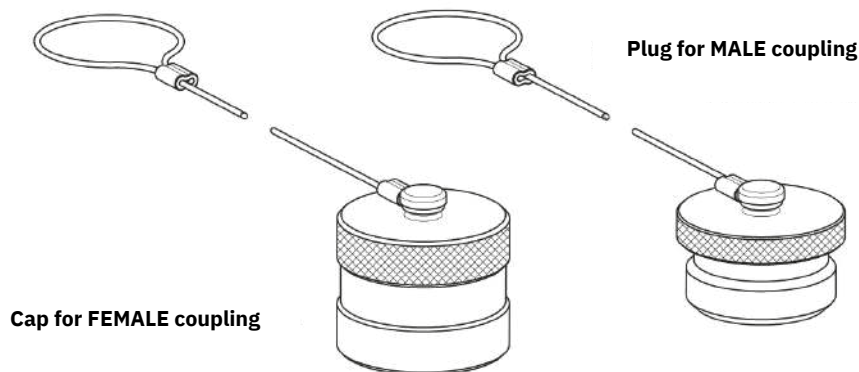
## Spare kit seal for male

Repair kit/OR+BK		
Body size	Description	Part number
5/8	SPARE KIT OR NBR+BK M FF 58	815700341
3/4	SPARE KIT OR NBR+BK M FF 34	815700655
1	SPARE KIT OR NBR+BK M FF 100	815700345



## Protective caps

Repair kit/OR+BK				
Body size	Description	Cap part number		Material/Color
		Cap for Female	Plug for Male	
5/8	STEEL CAP/PLUG VP-QX15 QPQ	815303098	815303099	carbon steel with QPQ
3/4	STEEL CAP/PLUG VP-QX17 QPQ	815303100	815303101	carbon steel with QPQ
1	STEEL CAP/PLUG VP-QX21 QPQ	815303102	815303103	carbon steel with QPQ















### ⚠ WARNING

A defect, a wrong choice or an improper use of products, can cause injury to persons, animals and objects.  
 Connect under pressure products are suitable to be connected under residual (static) pressure.  
 Never connect or disconnect with dynamic pressure (e.g. pump on).  
 Do not use the female coupling disconnected with high impulse pressure.  
 Do not couple-uncouple with flow in the circuit.  
 Do not couple-uncouple when the temperature inside of the circuit is higher than 80 °C (176 °F).  
 Check the maximum allowable working pressure of the port in use.  
 It is important to limit contamination in the circuit to avoid compromising the function of the internal valves.  
 Make sure that the medium used is compatible with seal and material as indicated for each series.  
 Provide an adequate maintenance of the parts to prolongue the life of the product in corrosive environment (wash with clear water then lubricate and grease the QPQ surface).  
 In case of doubt please contact Stucchi Technical Support.  
 The interchangeability is mentioned under the assumption that the manufacturer of the considered products has not changed any dimension.  
**It is mandatory to carefully read and closely follow the instructions before selecting or using any Stucchi products.**  
**Always refer to the version uploaded in the Instructions and warning section of stucchigroup.com website for the latest release.**  
 For specific, product-related, instructions, please contact Stucchi technical service.





## Technical specifications and options

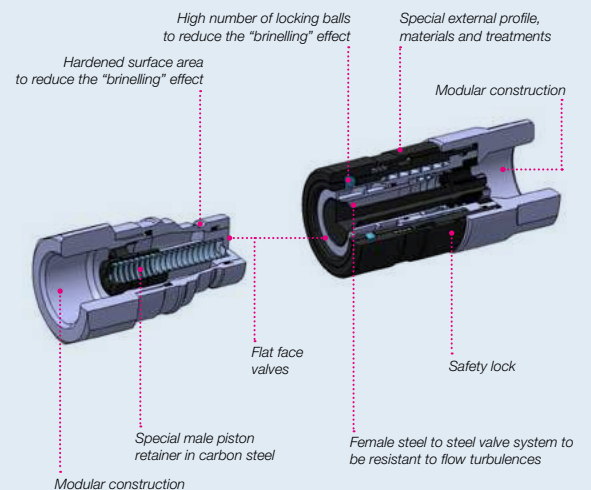
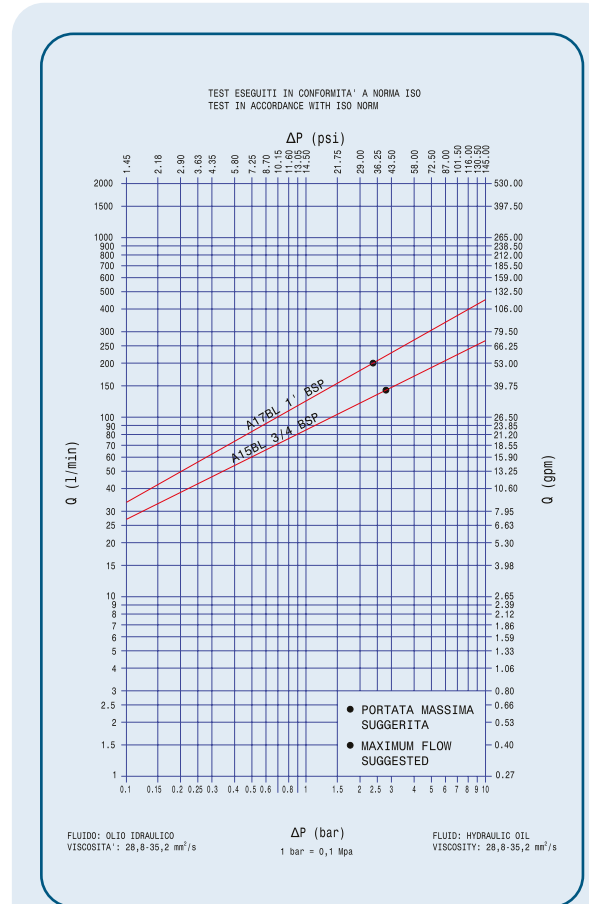
 <b>Interchange</b> Stucchi profile	 <b>Sealing description</b> Nitrile NBR	 <b>Connection system</b> Push
 <b>Available sizes</b> 5/8" and 3/4"	 <b>Material/treatment</b> Carbon steel / Cr3	 <b>Available threads</b> BSP
 <b>Operating pressure</b> Up to 330 bar	 <b>Locking mechanism</b> Locking ball + Safety lock	 <b>Flow rate</b> Up to 200 l/min
 <b>Temperature</b> -20°C / +100°C	 <b>Valving style</b> Flat face	 <b>Connection under pressure</b> Not allowed

## Benefits

- Special external profile, materials and treatments to withstand the side load caused by hose movement due to the pressure impulse.
- Special internal valving to be resistant to the high turbulences typically created by the rapid reversals of flow.
- Female with steel to steel valve to avoid any seal damage.
- Male with piston retainer made in carbon steel to be robust and avoid any breakage.
- Flat face is easy to clean, reducing the inclusion of contamination inside the hydraulic circuit.
- Minimal fluid spillage during disconnection, reducing fluid spillage to the environment.
- Minimal air inclusion during connection.
- Internal valve design creates minimal pressure drop, maintaining circuit efficiency in the system.
- The modular design allows flexibility with a wide range of configurations.
- Good resistance to pressure impulses.
- Compact slim design.
- Safe and simple to use.

## How to use

- Before to connect, clean the mating surface of the couplings to avoid dirt inclusion in the circuit.
- To connect push the male half towards the female half or vice versa.
- After connection, turn the external sleeve to engage safety lock function, to prevent accidental disconnection.
- To disconnect turn the external sleeve until the sleeve lock notch matches the safety lock ball and push back the sleeve.



## MAIN APPLICATIONS



## Performances

Size		Series	Max. flow suggested		Spillage*	Max. operating pressure						Burst pressure					
						Coupled		Male		Female		Coupled		Male		Female	
Inch	mm (ISO)		l/min	GPM	ml	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi
5/8	16,0	A15BL	148	38,22	0,02	33	4785	33	4785	25	3625	100	14500	100	14500	80	11600
3/4	19,0	A17BL	200	53,00	0,03	33	4785	33	4785	25	3625	100	14500	100	14500	80	11600

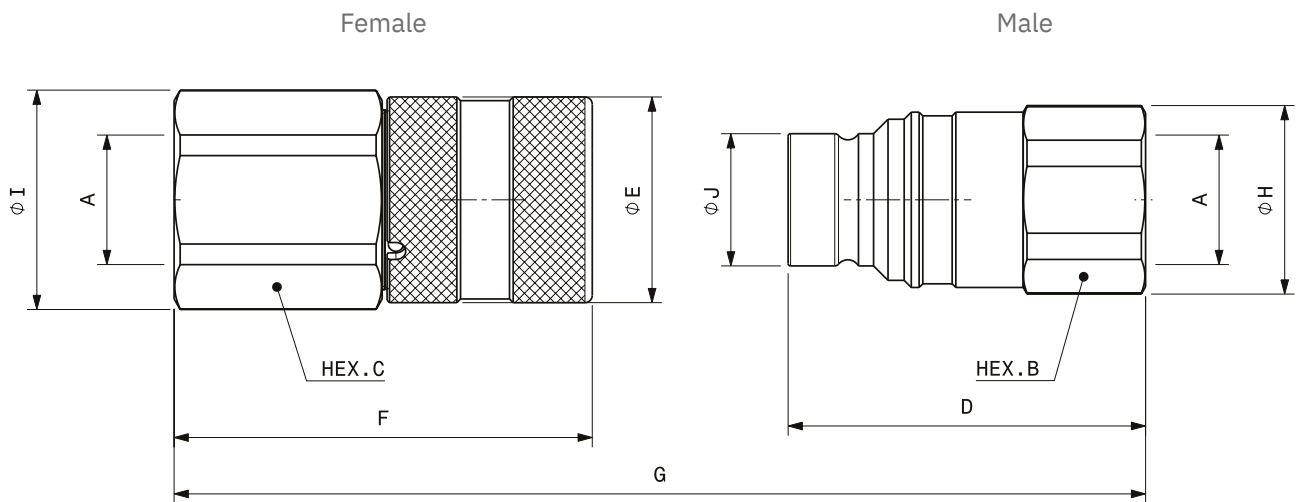
\* Spillage is an indicative value of the fluid loss per couple-uncouple cycle.

### Tests:

The couplings have been tested according to ISO norm.

Different configurations available upon request.

## Overall dimensions



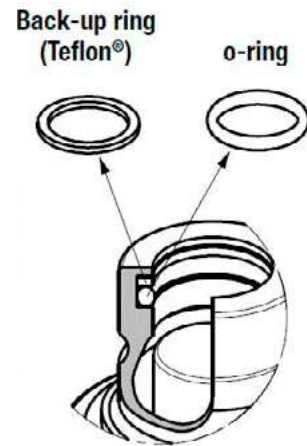
## Port description: FEMALE THREAD BSP

Size	Descriptive code	Item code	ISO		Overall length	Length		Hex		Diameter		Diameter		Weight							
			DN	Port (A)		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kg	Ibs				
5/8	F A15BL 3/4 BSP	Female 803700012	16	3/4 BSP	G	139,4	5,49	F	85,4	3,36	C	41,0	1,61	I	44,8	1,76	E	42,0	1,65	0,63	1,39
	M A15BL 3/4 BSP	Male 803700013						D	73,0	2,87	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06	0,30	0,65
3/4	F A17BL 1 BSP	Female 803700010	19	1 BSP	G	160,5	6,32	F	100,9	3,97	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	0,97	2,14
	M A17BL 1 BSP	Male 803700015						D	83,7	3,30	B	46,0	1,81	H	49,8	1,96	J	30,0	1,18	0,46	1,01
3/4	F A17BL 3/4 BSP	Female 803700016	19	3/4 BSP	G	-	-	F	98,9	3,89	C	46,0	1,81	I	49,8	1,96	E	48,0	1,89	1,00	2,20
	-	-						D	-	-	B	-	-	H	-	-	J	-	-	-	-



## Spare parts

Item code	Descriptive code
815700341	SPARE KIT OR NBR+BK M FF 58
815700343	SPARE KIT OR NBR+BK M FF 34



### ⚠ WARNING

A defect, a wrong choice or an improper use of products, can cause injury to persons, animals and objects.

Never connect or disconnect with dynamic pressure (e.g. pump on).

Do not use the female coupling disconnected with high impulse pressure.

Do not couple-uncouple with flow and/or pressure in the circuit.

Do not couple-uncouple when the temperature inside of the circuit is higher than 80° C (176° F).

Check the maximum allowable operating pressure of the port in use.

Make sure that the medium used is compatible with seal and material as indicated for each series.

In case of doubt please contact Stucchi Technical Support.

The interchangeability is mentioned under the assumption that the manufacturer of the considered product has not changed any dimension.

**It is MANDATORY to read and closely follow the instructions. Last updated version always applies at time of installation, see latest Instructions and warnings on Stucchi website before selecting or using Stucchi products.**

# APM Neptune series

SPECIAL SERIES



## Technical specifications and options

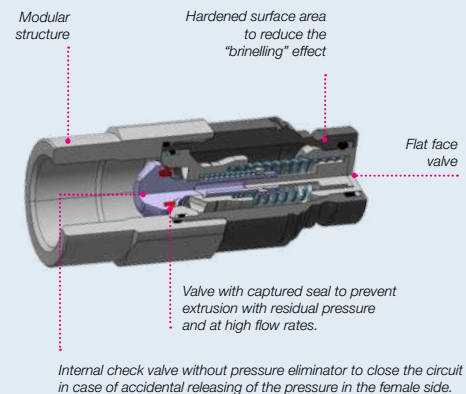
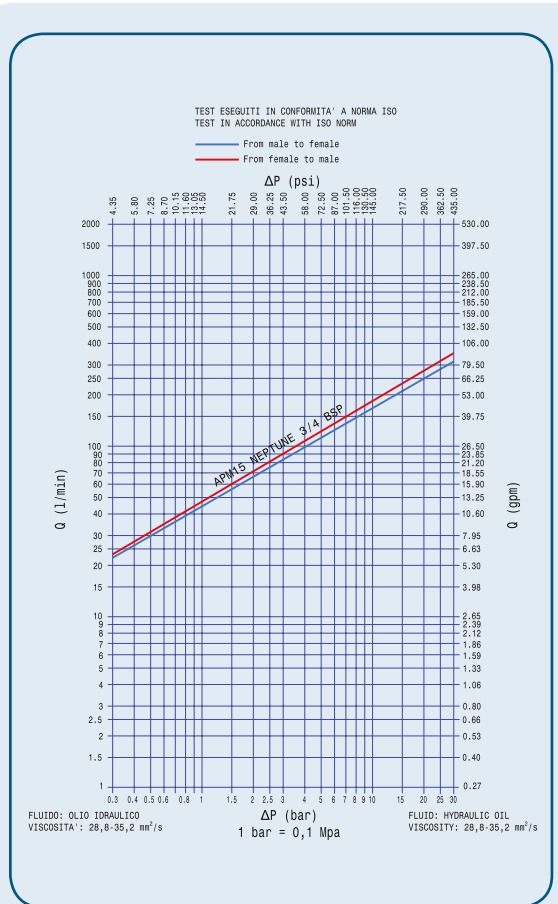
<b>Interchange</b> ISO 16028	<b>Sealing description</b> Nitrile NBR	<b>Connection system</b> Push
<b>Available sizes</b> 5/8"	<b>Material /treatment</b> High strength carbon steel	<b>Available threads</b> BSP - METRIC
<b>Operating pressure</b> Up to 250 bar	<b>Locking mechanism</b> Locking ball system	<b>Flow rate</b> Higher flow capability to follow the evolution of the mkt
<b>Temperature</b> -20°C / +100°C	<b>Valving style</b> Flat Face	<b>Connection under pressure</b> Connection: Both sides (see Benefits) Disconnection: Allowed (see Benefits)

## Benefits

- Male coupling dedicated to be connected with Neptune casting block at the rear of the tractor. Easy to connect and disconnect with residual pressure in both sides.
- The main difference with standard APM is the internal check valve with double function:
  1. Allow connection with residual pressure in the male coupling.
  2. Close the circuit in case of accidental releasing of the pressure in the female side (e.g. accidental movement of the Neptune lever).
 This safety feature avoids the unexpected and dangerous movement of the attachment.
- Flat face is easy to clean, reducing the inclusion of contamination inside the hydraulic circuit.
- Minimal fluid loss during disconnection eliminating environment pollution.
- Minimal air inclusion during connection.
- The modular design allows flexibility with a wide range of configurations.
- Good resistance to pressure impulses and high flow rates.
- Compact slim design.
- Safe and simple to use.

## How to use

- Before to connect, clean the mating surface of the couplings to avoid dirt inclusion in the circuit.
- Release the pressure from female coupling pushing and pulling the lever of Neptune block.
- To connect align the male to the face of the female coupling and push it into the female.
- After connecting move and pull slightly the male coupling to ensure it is properly coupled: After this check the coupling shall not disconnect.
- To disconnect the lower coupling push the lever, to disconnect the upper coupling pull the lever.



## MAIN APPLICATIONS





# APM Neptune series

SPECIAL SERIES



## Performances

Size		Series	Max. flow suggested		Connect force		Disconnect force (Breakway 0 bar)		Spillage*	Max. operating pressure				Burst pressure				Max. residual pressure	
										Coupled		Male		Coupled		Male		Male	
Inch	mm (ISO)		l/min	GPM	N	lbf	N	lbf	ml	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi
5/8	16,0	APM15	300	79,37	260	58,5	350	78,75	0,01	25	3625	25	3625	100	14500	100	14500	25	3625

\*Spillage is an indicative value of the fluid loss during disconnection (according to ISO norm test method)

### Temperature range:

Seals in NBR (Nitrile): from -20 °C to +100 °C (from -4 °F to +212 °F).

Please read carefully Instructions and warnings for proper selection of the products.

### Tests performed:

Tested with female cartridge of Neptune block.

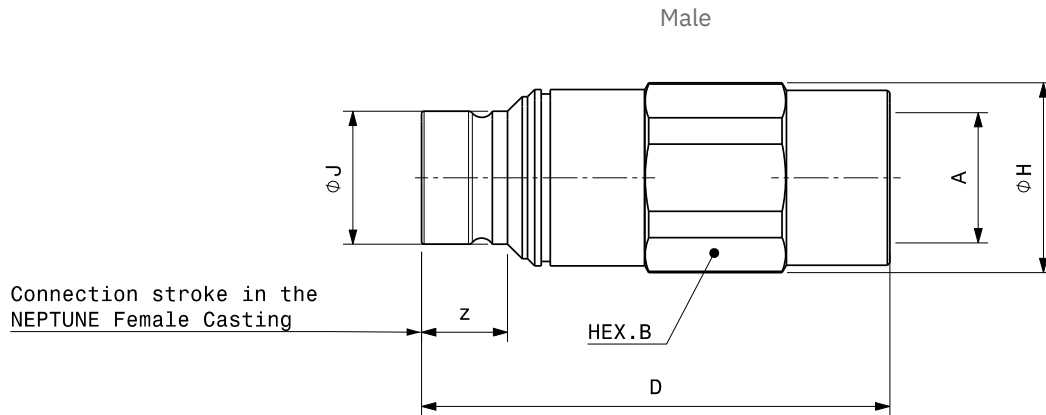
The couplings have been tested at max. operating pressure according to ISO norm test method for 1.000.000 impulses coupled and 100.000 impulses uncoupled.

### Different possible configurations:

Different threads available upon request.



## Overall dimensions

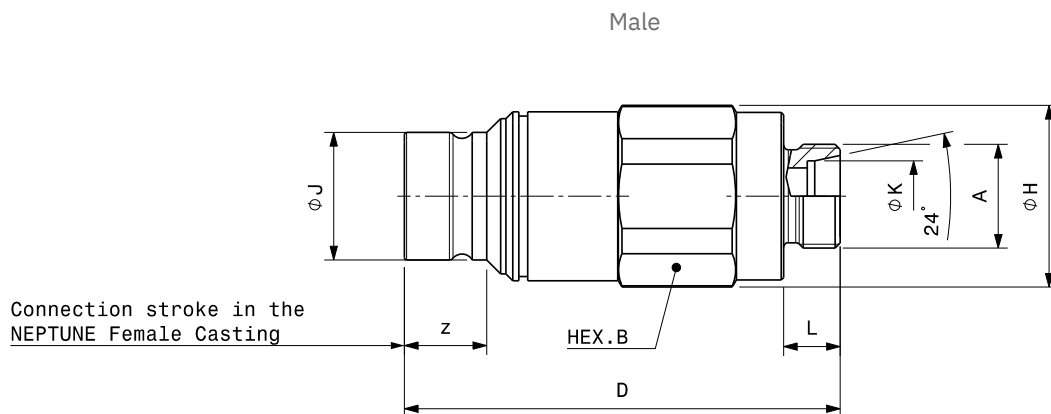


### Port description: FEMALE THREAD BSP (ISO 1179-1)

Size	Descriptive code	Item code	ISO	Port(A)	Stroke Length			Length			Hex		Diameter		Diameter		Weight				
			DN		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kg	Ibs					
5/8	M APM15 NEPTUNE 3/4 BSP	Male 91805200043	16	3/4"	Z	17,2	0,68	D	95,0	3,74	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06	0,43	0,95

### Port description: FEMALE THREAD SAE (ISO 11926 & SAE J1926-1)

Size	Descriptive code	Item code	ISO	Port(A)	Stroke Length			Length			Hex		Diameter		Diameter		Weight				
			DN		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kg	Ibs					
5/8	M APM15 NEPTUNE 3/4 SAE	Male 91805204031	16	1 1/16- 12UN	Z	17,2	0,68	D	95,0	3,74	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06	0,43	0,95



### Port description: MALE THREAD L SERIES -24° CONE (ISO 8434-1 & DIN 2353)

Body Size	Descriptive code	Item code	ISO	Port (A)	Stroke Length			Length			Hex		Diameter		Diameter		Diameter		Length		Weight						
			DN		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kg	Lbs					
5/8	M APM15 NEPTUNE L12	Male 91805208007	16	M18x1.5	Z	17,2	0,68	D	92,3	3,63	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06	K	12,2	0,48	L	11,0	0,43	0,42	0,92
5/8	M APM15 NEPTUNE L15	Male 91805208009	16	M22x1.5	Z	17,2	0,68	D	92,3	3,63	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06	K	15,2	0,60	L	12,0	0,47	0,42	0,92
5/8	M APM15 NEPTUNE L18	Male 91805208011	16	M26x1.5	Z	17,2	0,68	D	92,3	3,56	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06	K	18,2	0,72	L	12,0	0,47	0,41	0,90
5/8	M APM15 NEPTUNE L22	Male 91805208013	16	M30x2	Z	17,2	0,68	D	92,3	3,56	B	36,0	1,42	H	38,5	1,52	J	27,0	1,06	K	22,2	0,87	L	14,0	0,55	0,41	0,90

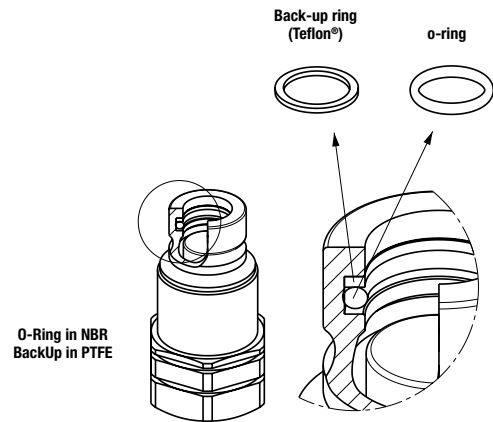
# APM Neptune series

SPECIAL SERIES



## Spare kit seal for male

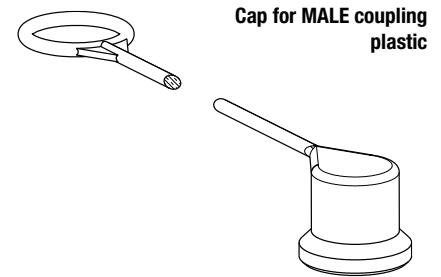
Repair kit/OR+BK		
Body size	Description	Part number
5/8	SPARE KIT OR NBR+BK M FF 58	815700341



## Protective caps for APM series

Protective caps are always recommended to protect the couplings from damage, dirt inclusion, and will increase the product life. This is particularly important in mobile applications where exposure to weather and aggregate materials are common. The protection caps for APM couplings are manufactured in plastic with connection lanyard (standard color red).

Protective Cap		
Body size/Description	Part number	Material/Color
	Cap for Female	
5/8" PLASTIC CAP M FF58 RED	815100011	Plastic/Red



## Dedicated packaging

The Item code refers to a single product; it is necessary to order in pairs, sold in a box.



### ⚠ WARNING

Stucchi APM Neptune male couplings are intended to be used for connecting hydraulic circuit of agricultural implements with tractor. A defect, a wrong choice or an improper use of products, can cause injury to persons, animals and objects. Connect under pressure products are suitable to be connected under residual (static) pressure. Never connect or disconnect with dynamic pressure (e.g. pump on). Do not use the male coupling disconnected with high impulse pressure. Do not couple-uncouple with flow in the circuit. Do not couple-uncouple when the temperature inside of the circuit is higher than 80 °C (176 °F). Check the maximum allowable working pressure of the port in use. It is important to limit contamination in the circuit to avoid compromising the function of the internal valves. Make sure that the medium used is compatible with seal and material as indicated for each series. In case of doubt please contact Stucchi Technical Support. The interchangeability is mentioned under the assumption that the manufacturer of the considered products has not changed any dimension. **It is MANDATORY to read and closely follow the instructions. Last updated version always apply at time of installation, see latest written Instructions on Stucchi website (www.stucchi.it) before selecting or using Stucchi products.**

# RT4-HP

SPECIAL SERIES



Easy CUP



## Technical specifications and options

<b>Interchange</b> Stucchi profile	<b>Sealing description</b> Nitrile NBR	<b>Connection system</b> Screw to connect, pull the sleeve and unscrew to disconnect
<b>Available sizes</b> 1/8"	<b>Material /treatment</b> Carbon steel/Cr3	<b>Available threads</b> SAE
<b>Operating pressure</b> Up to 700 bar in P line	<b>Locking mechanism</b> Screw to connect	<b>Flow rate</b> 6 l/min
<b>Temperature</b> -20°C / +100°C	<b>Valving style</b> Flat face	<b>Connection under pressure</b> Connectable with pressure in female / Provided with special Shunt system

## Benefits

- Two parallel 1/8" lines connecting concurrently
- Quick to connect by hand rotating the sleeve holder for 150°
- Shunt system in the male coupling: when the male part is disconnected, the pressure line is connected with the return line, allowing to connect with pressure into the system
- Swivel joint to avoid torsion of the hoses
- Safety lock sleeve to avoid accidental disconnection
- Guidance pin to avoid wrong connection
- Easy connection thanks to the visual feedback on the ring and to the extra grip knurling
- Larger oil passages compared to the competition to increase the speed of work
- Flat face couplings for a reduced contamination
- Minimal spillage and inclusion of air
- Easy to use
- Compact design
- Hydraulic Equipment

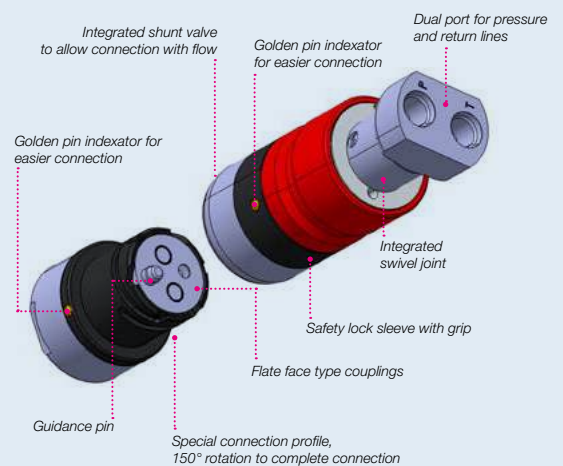
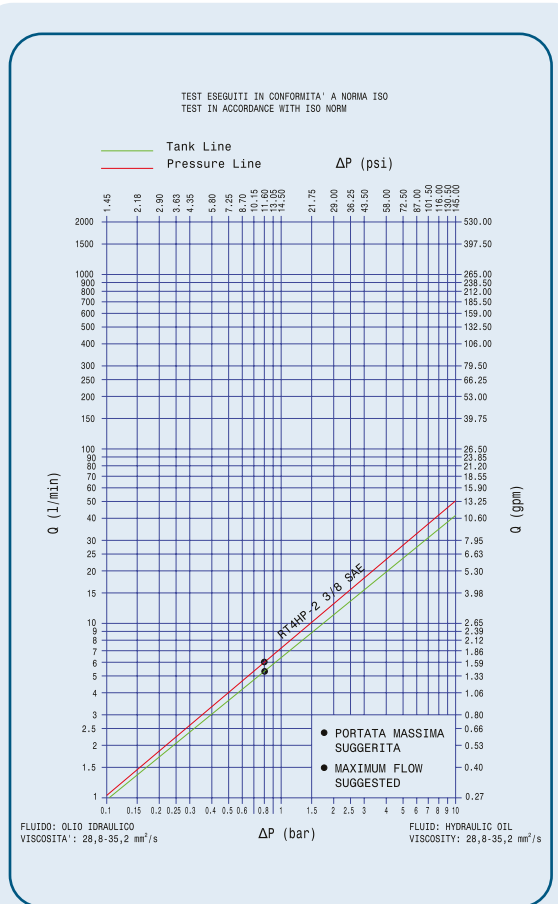
## How to use

### How to connect

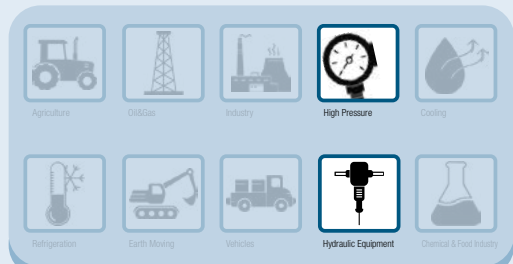
- 1 - Remove the caps, clean the mating surfaces prior to connect
- 2 - Align the female coupling ID Gold Pin with the male coupling ID Gold Pin, along with the guidance pin, then connect
- 3 - Rotate for 150° and engage the locking system

### How to disconnect

- 1 - Pull back the safety sleeve to unlock
- 2 - Rotate back the sleeve for 150°
- 3 - Disconnect
- 4 - Apply the caps



## MAIN APPLICATIONS





## Performances

Size	Series	Max. flow suggeste		Spillage*	Max. operating pressure in P line	
		l/min	GPM		Coupled	
Inch				ml	MPa	psi
1/8"	RT4HP	6	1,59	0,005	70	10000

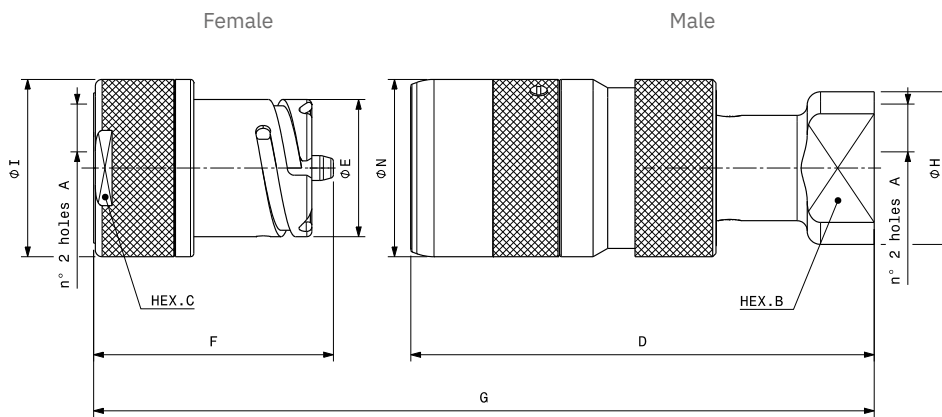
\* Spillage is an indicative value of the fluid loss per couple-uncouple cycle.

**Temperature range:** Standard seals NBR (Nitrile) from -20°C to +100 °C (from -4 °F to +212 °F).

**Tests:** The couplings have been tested at impulse with max. operating pressure for 10.000 impulses according to ISO norm test method.

Other threads available upon request.

Special seals compatible with phosphate ester fluid (fire resistance fluid) available upon request.

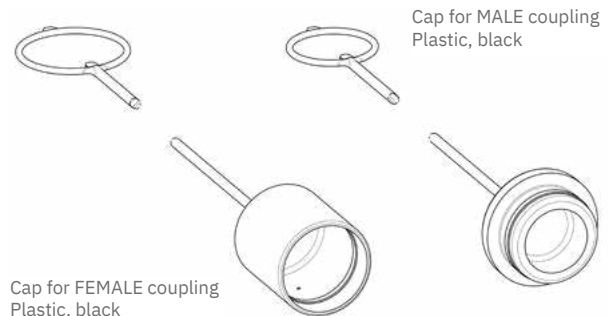


## Overall dimensions

Size	Descriptive code	Item code	PORT (A)	Overall length		Length			Hex			Diameter		Diameter			
				mm		mm	inch	mm	inch	mm	inch	mm	inch				
1/8"	F RT4HP-2 3/8 SAE	809804002	9/16-18UNF	G	168,8	F	71,6	2,81	C	48	1,89	I	53	2,08	E	41	2,08
	M RT4HP-2 3/8 SAE	809804003	9/16-18UNF	E	6,64	D	138,4	5,45	B	32	1,26	H	45,6	1,79	N	53	1,79

## Protective caps for RT4-HP series

Part Number	Protective caps
815603016	PLASTIC CAP F RT4HP BLACK
815603017	PLASTIC CAP M RT4HP SAE BLACK



### ⚠ WARNING

A defect, a wrong choice or an improper use of products, can cause injury to persons, animals and objects.

Do not use the female coupling disconnected with high impulse pressure.

Do not couple-uncouple when the temperature inside of the circuit is higher than 80 °C (176 °F).

Check the maximum allowable working pressure of the port in use.

Make sure that the medium used is compatible with seal and material as indicated for each series.

In case of doubt please contact Stucchi Technical Support.

**It is MANDATORY to read and closely follow the instructions. Last updated version always applies at time of installation, see latest Instructions and warnings on Stucchi website before selecting or using Stucchi products.**



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