



Series **CPV-CNV**
CVV

► Quick-release couplings CPV-CNV and CVV series



UNI EN ISO 9001
Cert. n° 2905
ISO/TS 16949



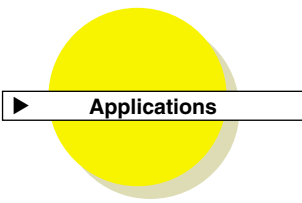
▶ QUICK-RELEASE COUPLINGS



- CPV-CNV Series**
- Double action sleeve: Push-Pull connection and disconnection.
 - Breakaway feature (if panel mounted).
 - Interchangeable according to ISO 7241-1 part A standards.
 - Internal components purposely designed to reduce turbulences and consequent pressure drop.
 - Rolled surfaces in sealing area to ensure the lowest roughness.
 - Great number of latching balls.
 - Hardened valve bodies to stand crashes.
 - Contentive washer with special seal to reduce risk of extrusion.
 - Guidevalve with mechanical backstop to prevent partial enclosures of valves due to peaks and reverse flow.
 - Parts subject to loads and wear are hardened by heat treatment.
 - Balls racing area on the male coupling induction hardened.
 - NBR seals.
 - PTFE back-up ring.
 - Metal shoulder to protect the O-ring seal on female coupling.
 - Wide range of threads and connectors.
 - Accessories and spare parts kit available with detailed assembling instructions.

- CVV Series**
- Threaded sleeve for screw connection.
 - Screw-on system ensures connection under pressure.
 - Friction ring to prevent accidental disconnection under heavy vibrations.
 - Interchangeable to German market.
 - Internal components purposely designed to reduce turbulences and consequent pressure drop.
 - Rolled surfaces in sealing area to ensure the lowest roughness.
 - Hardened valve bodies to stand crashes.
 - Contentive washer with special seal to reduce risk of extrusion.
 - Guidevalve with mechanical backstop to prevent partial enclosures of valves due to peaks and reverse flow.
 - Parts subject to loads and wear are hardened by heat treatment.
 - NBR seals.
 - PTFE back-up ring.
 - Metal shoulder to protect the O-ring seal on female coupling.
 - Wide range of threads and connectors.
 - Accessories and spare parts kit available with detailed assembling instructions.

Series **CPV-GNV**
GW



- CPV-CNV Series**
- Quick-release couplings mainly used in agriculture.
 - Push-Pull system makes connection and disconnection very easy.
 - Conformity to ISO 7241-1 part A standards ensures worldwide interchangeability.
- CVV Series**
- Quick-release couplings mainly used in applications where connection and disconnection under residual pressure is requested.
 - Screw-on system ensures the widest contact surface on the connection thread.
 - Great resistance to pressure peaks, vibrations and loads due to hoses bending.



▶ **Benefits**

- CPV-CNV Series**
- Interchangeable according to ISO 7241-1 part A standards.
 - Breakaway feature (if panel mounted).
 - Double action sleeve: Push-Pull connection and disconnection.
 - Hardened valve bodies to stand crashes.
 - Wide range of threads and connectors.
 - Accessories and spare parts kit available with detailed assembling instructions.
- CVV Series**
- Screw-on system ensures connection under pressure.
 - Friction ring to prevent accidental disconnection under heavy vibrations.
 - Hardened valve bodies to stand crashes.
 - Interchangeable for the German market.
 - Wide range of threads and connectors.
 - Accessories and spare parts kit available with detailed assembling instructions.

► **Recommendations**



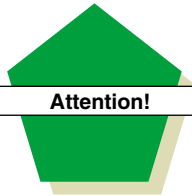
- **Improper use and incorrect maintenance of products with high internal working pressures could cause malfunctioning and damage to persons and machines.**

Therefore it is necessary to carefully conform to the simple instructions contained in this catalogue.

For any further information please contact **FASTER® Technical Department**.

- Before using a new quick-release coupling, please carefully check all data reported in our catalogues.
- Make sure that the coupling is suitable for pressure and flow characteristics requested by the applications.
- Lubricate the seals and perform a connect and disconnect operation in order to check the perfect functioning of the coupling.
- Verify that threads fit and that their sealing is correct.
- If necessary replace damaged components with **FASTER® original spare parts**.
- **Before any connection and disconnection carefully clean both male and female parts** to prevent dirt inclusions into the circuit and consequent seals damage.
When couplings are disconnected, it is recommended to protect them with **original FASTER® plugs**.

► **Attention!**



- When connecting and disconnecting CPV-CNV series, be sure there is no pressure in both halves.
- When a disconnection is performed, there could be a **residual pressure** that depending on temperature and position could reach high values. This prevents opening the valve in the male part and, as a consequence, the connection is not possible.
- **Avoid forcing the coupling valve to decrease residual pressure.**
- **Do not use any sharpened tool which could damage the seals when opening the valves.**
- In case it is not possible to decrease pressure, use a quick-release coupling specifically designed to stand connection and disconnection under pressure (CVV series, for instance).

► **Responsibilities**



- The recommendations stated in this catalogue do not consider all risk factors in every possible application of **FASTER®** couplings.
- The final choice of the product is under customer's responsibility who has to make the selection according to **FASTER®** suggestions.
- The customer has to make sure that all requirements of chosen parts are respected, efficiency is maintained and the end user is informed about use and maintenance operations.
- **FASTER®** and its Distributors are not responsible for damages to persons and machines caused by an improper use and an incorrect maintenance of products.
- Increase of products' technical and functional features is **FASTER®**'s policy. For that reason all data in this catalogue are not binding. **FASTER®** is entitled to modify the specifications without prior notice.

► **Guarantee**

- All **FASTER®** quick-release couplings are designed and produced in conformity with the regulations of **Quality Managing System according to UNI EN ISO 9001 and UNI ISO/TS 16949**.
- They bear the **FASTER®** logo to guarantee their origin and reliability.
- **FASTER®** quick-release couplings are distributed worldwide through a network of highly qualified distributors.
- If a **FASTER®** quick-release coupling is connected to an equivalent competitor's type please **check the functionality, the sealing and the resistance to working pressure before using the coupling**. **FASTER® cannot assure the performance, quality and connecting tolerances of competitor's types**.
- Malfunctioning or leakages due to the above mentioned cases could cause serious damages to persons and machines.



UNI EN ISO 9001
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ISO/TS 16949

► **How to order**

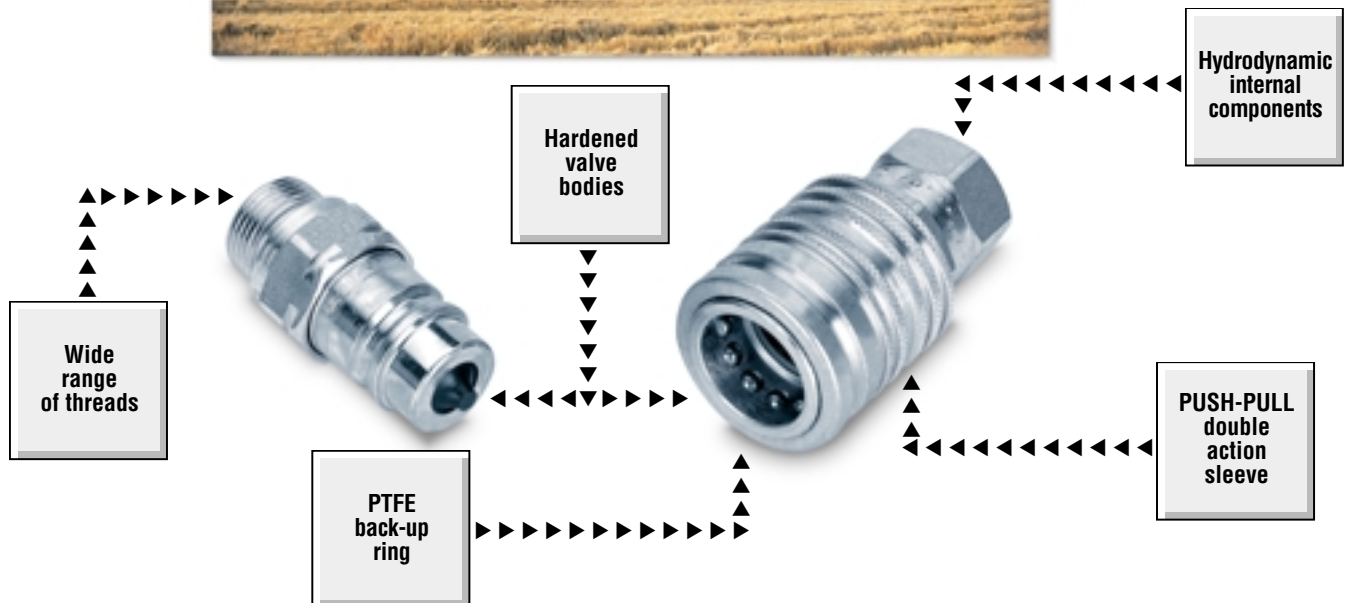
- See available item codes in the ordering chart.
- As a further help in defining and selecting the most suitable product for the specific application please ask and fill-in with as much information as possible the Product Definition Form (mod. A003) sending it back to **Faster Customer Service**.

NEW

► **NOVELTIES IN THIS CATALOGUE**

- Zinc plating with Cr III passivation on the whole range

CPV-GNV series quick-release couplings



▶ THE NEW REVOLUTIONARY WAY OF THE QUICK-RELEASE COUPLINGS

- 1) The wide range of BSP, METRIC, NPT SAE, threads allows customer to fit the product to its needs, saving extra-cost to buy adaptors.
- 2) The valves are manufactured following the classic **FASTER**[®] method: induction hardened to avoid dents, equipped with special profiled anti-extrusion seal.
- 3) Special design of internal components minimizes pressure drops.
- 4) Couplings with internal components completely made of steel and with Viton seals are available on request.
- 5) Double action sleeve with PUSH-PULL connection system and BREAKAWAY feature.

► **CPV-CNV series**

- **Connection system:** pushing the male coupling
- **Disconnection system:** pulling the male coupling
- **Shut-off system:** poppet valve
- **Connectability:** without pressure
- **Disconnection under pressure:** in case of emergency only
- **Interchangeability:** according to ISO 7241-1 part A standard

- Balls-bearing latching system
- Guidevalve with mechanical backstop
- Suitable for flexible hoses
- Panel mounting by the sleeve
- Breakaway feature (if panel mounted)
- Versions with lighter sleeve-spring (CNV...F series page 18)

► **Accessories and spare part kit**

See at pages 15-16-17.



► **Technical data**

Size ❖	DN Nominal diameter		Rated flow		Force to connect		Max. work pressure *		Minimum burst pressure						Fluid spillage cc. max.	
	mm	inc	l/min.	GPM	N	lb.	MPa	PSI	Connected		Male		Female			
3/8"	06	9	0.35	40	10,5	120	26,4	30	4350	120	17400	120	17400	120	17400	1,1
1/2"	08	10,5	0.41	75	19,8	80	17,6	30	4350	120	17400	120	17400	120	17400	2
1"	16	17,5	0.69	270	71,4	265	58,3	21	3045	85	12325	110	15950	110	15950	13

* Safety factor = 1:4 - For static pressure safety factor = 1:2

Pressure drop graph:
test bench to ISO 7241-2 specifications with ISO VG 32 oil at 40°C (104°F) temperature.

Materials:

- Female in steel.
- Male in high grade carbon steel, induction hardened.
- Steel hardened valve.
- Surface treatment: zinc plating and Cr III passivation.
- Springs in C98 steel.
- High resistance balls 100 C6.

Seals:

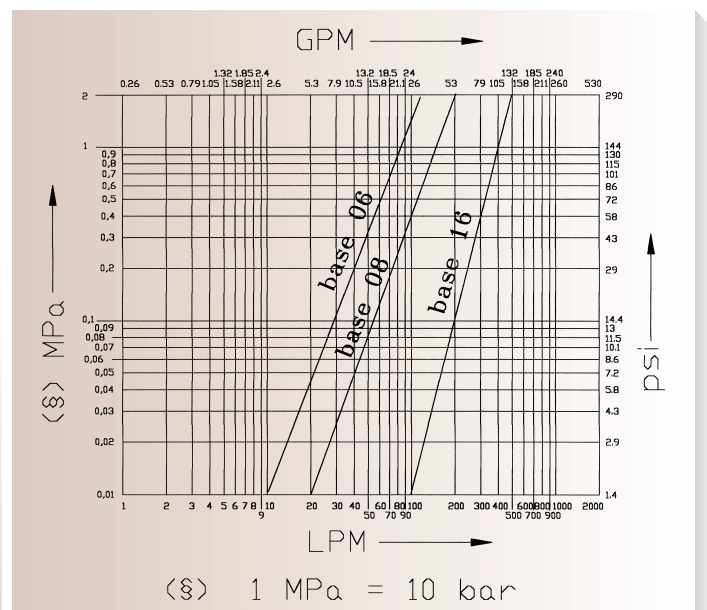
Standard in oilproof NBR (Nitrile Rubber).
On request: Viton, Neoprene, EPDM or other seals.

Antiextrusion rings:

In pure PTFE.

Working temperatures:

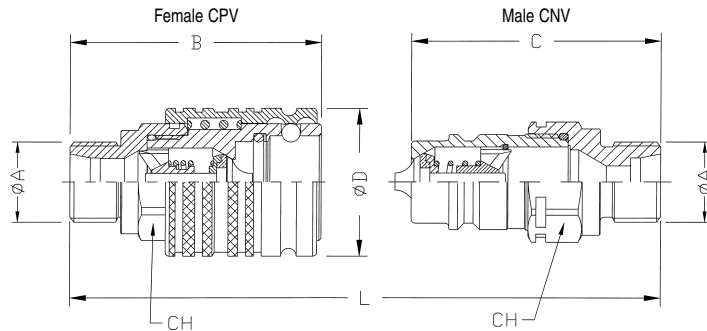
with standard seals in NBR (Nitrile Rubber) from -25°C (-13°F) to +125°C (+257°F).
For temperature exceeding these values, the quick-release coupling will be supplied with all components in steel together with the appropriate seals.

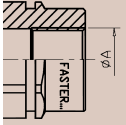


The descriptions and illustrations in this catalogue are for information only and are not binding.

Available items

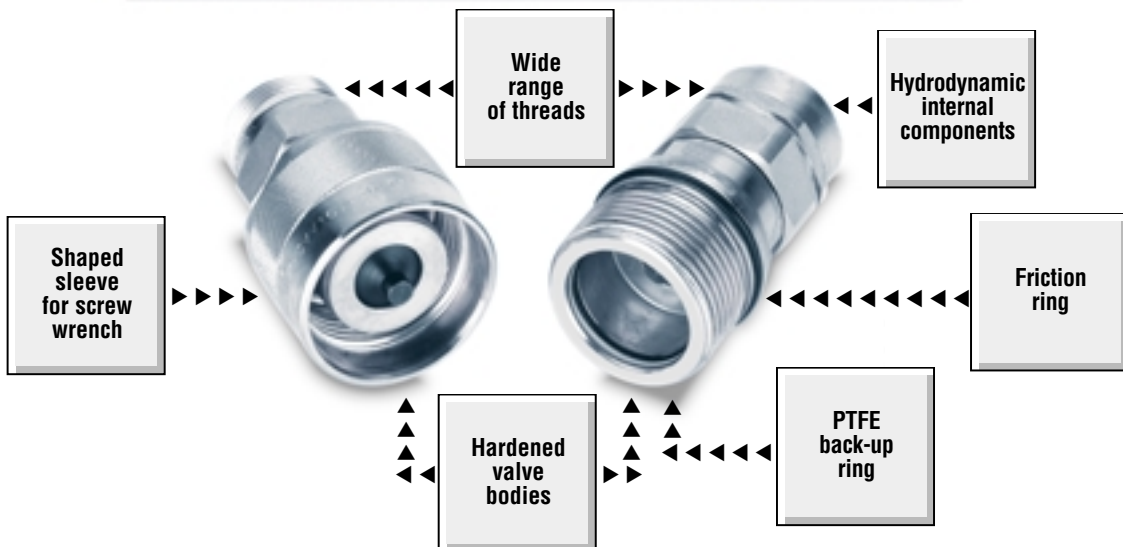
Series CPV-GNV



Threaded end	Female	Male	Thread Ø A	Standards	B		C		Ø D		L		CH		P		T		
					mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	
	06	*CPV061615 F	*CNV 06 1615 M	M16x1,5	ISO 9974-1	62,3	2,44	52	2,05	33	1,30	94	3,7	24	0,94				
	08	CPV 08 38GAS F	CNV 08 38GAS M	3/8" BSP	DIN 3852-2-X	62,3	2,45	57	2,24	38	1,50	97,3	3,83	27	1,06				
		PV 12 GAS F	NV 12 GAS M	1/2" BSP	DIN 3852-2-X	66,3	2,61	44	1,73	38	1,50	105,3	4,15	27	1,06				
		*CPV 08 38NPT F	*CNV 08 38NPT M	3/8" NPTF	ANSI B1.20.3	62,3	2,45	57	2,24	38	1,50	97,3	3,83	27	1,06				
		PV 12 NPT F	NV 12 NPT M	1/2" NPTF	ANSI B1.20.3	66,3	2,61	44	1,73	38	1,50	105,3	4,15	27	1,06				
	16	CPV 08 2215 F	*CNV 08 2215 M	M22x1,5	ISO 9974-1	66,3	2,61	44	1,73	38	1,50	105,3	4,15	27	1,06				
		CPV 16 34GAS F	CNV 16 34GAS M	3/4" BSP	DIN 3852-2-X	97,3	3,83	72	2,83	54	2,13	135,3	5,33	38	1,50				
		CPV 16 1GAS F	CNV 16 1GAS M	1" BSP	DIN 3852-2-X	100,3	3,95	75	2,95	54	2,13	141,3	5,56	42	1,65				
		*CPV 16 34NPT F	*CNV 16 34NPT M	3/8" NPTF	ANSI B1.20.3	97,3	3,83	72	2,83	54	2,13	135,3	5,33	38	1,50				
		*CPV 16 2415 F	*CNV 16 2415 M	M24x1,5	ISO 9974-1	100,3	3,95	75	2,95	54	2,13	141,3	5,56	42	1,65				
		*CPV 16 302 F	*CNV 16 302 M	M30x2	ISO 9974-1	100,3	3,95	75	2,95	54	2,13	141,3	5,56	42	1,65				

Size GAS = BSP *On request

Screw-on couplings CVV series



▶ THE NEW REVOLUTIONARY WAY OF THE QUICK-RELEASE COUPLINGS

- 1) The wide range of BSP, METRIC, NPT, SAE threads allows customer to fit the product to its needs, saving extra-cost to buy adaptors.
- 2) The valves are manufactured following the classic **FASTER**[®] method: induction hardened to avoid dents, equipped with special profiled anti-extrusion seal.
- 3) Special design of internal components minimizes pressure drops.
- 4) Couplings with internal components completely made of steel and with Viton seals are available on request.
- 5) Threaded sleeve with friction ring.

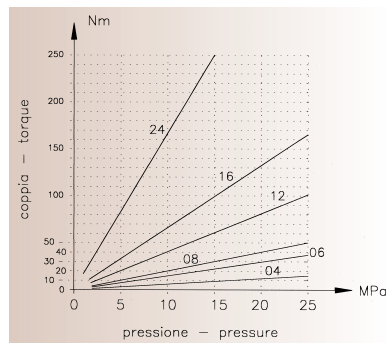
► **CVV series**

- **Connection system:** screw-on
- **Disconnection system:** screw-on
- **Shut-off system:** poppet valve
- **Connectability:** both male and female couplings under residual pressure
- **Disconnection under pressure:** allowed
- **Interchangeability:** German market
- Screw-on latching system
- Guidevalve with mechanical backstop
- Friction ring to prevent unscrewing
- "Viton" versions with reinforced components to stand connection under high pressures and for heavy duty applications
- Versions with special sleeve made of brass with wing nuts (CVF series page 18)



► **Accessories and spare part kit**

See at pages 15-16-17.



Connection torques chart

► **Technical data**

Size ❖	DN Nominal diameter		Rated flow		Max. work pressure *		Minimum burst pressure						Fluid spillage cc. max.
	mm	inc	l/min.	GPM	MPa	PSI	Connected		Male		Female		
1/4" 04	5,2	0.2	13	3,4	48	6960	160	23200	150	21750	180	26100	1,5
3/8" 06	7,2	0.28	30	7,85	38	5510	140	20300	114	16530	120	17400	1,1
1/2" 08	13	0.51	75	19,8	34	4930	126	18270	102	14790	120	17400	2
3/4" 12	16	0.63	150	39,7	37	5365	120	17400	110	15950	120	17400	8
1" 16	18,6	0.73	250	66,1	33	4785	140	20300	112	16240	130	18850	13
1 1/2" 24	24,7	0.97	450	119	37	5365	110	15950	110	15950	110	15950	32

* Safety factor = 1:3 - For static pressure safety factor 1:2

Pressure drop graph:
test bench to ISO 7241-2 specifications with ISO VG 32 oil at 40°C (104°F) temperature.

Materials:

- Female in steel.
- Male in high grade carbon steel.
- Steel hardened valve.
- Surface treatment: zinc plating and Cr III passivation.
- Springs in C98 steel.

Seals:

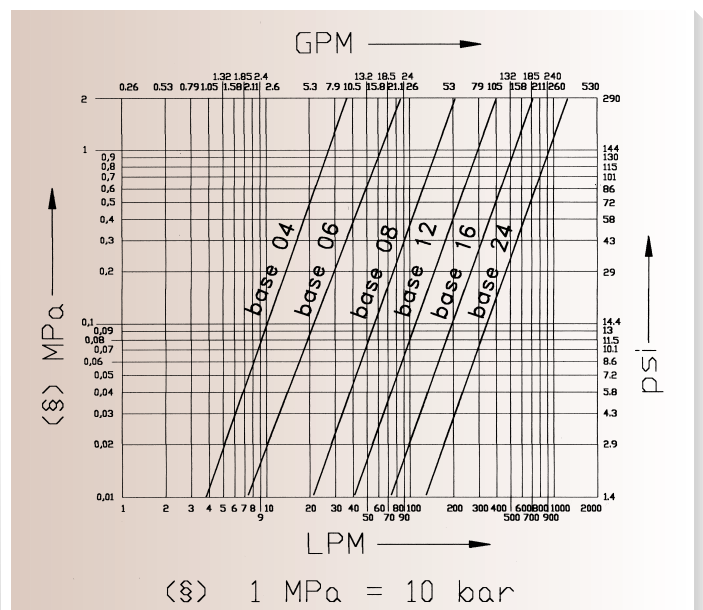
Standard in oilproof NBR (Nitrile Rubber).
On request: Viton, Neoprene, EPDM or other seals.

Antiextrusion rings:

In pure PTFE.

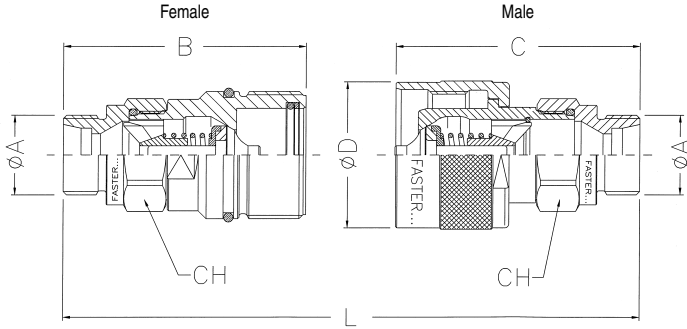
Working temperatures:

with standard seals in NBR (Nitrile Rubber) from -25°C (-13°F) to +125°C (+257°F).
For temperature exceeding these values, the quick-release coupling will be supplied with all components in steel together with the appropriate seals.



▶ Available items

Series **GW**



Threaded end	❖	Female	Male	Thread Ø A	Standards	mm B		mm C		Sleeve Ø D	mm L		mm CH		mm P	mm T				
						mm	inc.	mm	inc.		mm	inc.	mm	inc.			mm	inc.		
04	04	CVV 04 14GAS F	CVV 04 14GAS M	1/4" BSP	DIN 3852-2-X	53	2,48	63,5	2,50	Rd24x2	30	1,18	99,1	3,90	19	0,75				
		CVV 04 1415 F	CVV 04 1415 M	M14x1,5	ISO 9974-1	68	2,28	58,5	2,30	Rd24x2	30	1,18	90,5	3,56	19	0,75				
	06	06	CVV 06 38GAS F	CVV 06 38GAS M	3/8" BSP	DIN 3852-2-X	70,5	2,78	70,9	2,79	Rd28x2	34	1,34	113,8	4,48	24	0,94			
			CVV 06 1615 F	CVV 06 1615 M	M16x1,5	ISO 9974-1	58	2,28	58,5	2,30	Rd28x2	34	1,34	90,5	3,56	24	0,94			
	08		CVV 08 38GAS F	CVV 08 38GAS M	3/8" BSP	DIN 3852-2-X	57,3	2,26	63,7	2,51	Rd36x2	42	1,65	94,6	3,72	27	1,06			
			CVV 08 12GAS F	CVV 08 12GAS M	1/2" BSP	DIN 3852-2-X	61,3	2,41	67,7	2,67	Rd36x2	42	1,65	102,6	4,04	27	1,06			
			*CVV 08 38NPT F	*CVV 08 38NPT M	3/8" NPTF	ANSI B1.20.3	61,3	2,41	67,7	2,67	Rd36x2	42	1,65	102,6	4,04	27	1,06			
			CVV 08 12NPT F	CVV 08 12NPT M	1/2" NPTF	ANSI B1.20.3	61,3	2,41	67,7	2,67	Rd36x2	42	1,65	102,6	4,04	27	1,06			
		*CVV 08 2215 F	*CVV 08 2215 M	M22x1,5	ISO 9974-1	61,3	2,41	67,7	2,67	Rd36x2	42	1,65	102,6	4,04	27	1,06				
	12	12	CVV 12 34GAS F	CVV 12 34GAS M	3/4" BSP	DIN 3852-2-X	84,5	3,32	86,5	3,4	Rd42x2	48	1,89	150	5,9	38	1,49			
		16		CVV 16 34GAS F	CVV 16 34GAS M	3/4" BSP	DIN 3852-2-X	89,3	3,52	89,8	3,54	Rd48x3	56	2,20	144,8	5,70	38	1,50		
				CVV 16 1GAS F	CVV 16 1GAS M	1" BSP	DIN 3852-2-X	92,3	3,63	92,8	3,65	Rd48x3	56	2,20	150,8	5,94	42	1,65		
				*CVV 16 34NPT F	*CVV 16 34NPT M	3/4" NPTF	ANSI B1.20.3	92,3	3,63	92,8	3,65	Rd48x3	56	2,20	150,8	5,94	42	1,65		
				CVV 16 1NPT F	CVV 16 1NPT M	1" NPTF	ANSI B1.20.3	92,3	3,63	92,8	3,65	Rd48x3	56	2,20	150,8	5,94	42	1,65		
				*CVV 16 2415 F	*CVV 16 2415 M	M24x1,5	ISO 9974-1	92,3	3,63	92,8	3,65	Rd48x3	56	2,20	150,8	5,94	42	1,65		
			*CVV 16 302 F	*CVV 16 302 M	M30x2	ISO 9974-1	92,3	3,63	92,8	3,65	Rd48x3	56	2,20	150,8	5,94	42	1,65			
24		*CVV 24 112GAS F	*CVV 24 112GAS M	1 1/2" BSP	DIN 3852-2-X	120,5	4,74	130,5	5,13	Rd70x3	80	3,15	215	8,46	65	2,56				
		*CVV 24 422 F	*CVV 24 422 M	M42x2	ISO 9974-1	117	4,61	129	5,08	Rd70x3	80	3,15	195	7,68	55	2,17				
06	04	*CVV 04 0/1415 F	*CVV 04 0/1415 M	M14x1,5	ISO 6149-1	60	2,36	60,5	2,38	Rd24x2	30	1,18	94,5	3,72	19	0,75				
	06	*CVV 06 0/1615 F	*CVV 06 0/1615 M	M16x1,5	ISO 6149-1	58	2,28	58,5	2,30	Rd28x2	34	1,34	90,5	3,56	24	0,94				
	08		CVV 08 0/38GAS F	CVV 08 0/38GAS M	3/8" BSP	DIN 3852-2	57,3	2,26	63,7	2,51	Rd36x2	42	1,65	94,6	3,72	27	1,06			
			CVV 08 0/12GAS F	CVV 08 0/12GAS M	1/2" BSP	DIN 3852-2	61,3	2,41	67,7	2,67	Rd36x2	42	1,65	102,6	4,04	27	1,06			
			CVV 08 0/12SAE F	CVV 08 0/12SAE M	3/4" UNF	SAE J1926-1	57,3	2,26	63,7	2,51	Rd36x2	42	1,65	94,6	3,72	27	1,06			
			CVV 08 0/58SAE F	CVV 08 0/58SAE M	7/8" UNF	SAE J1926-1	57,3	2,26	63,7	2,51	Rd36x2	42	1,65	94,6	3,72	27	1,06			
			CVV 08 0/1615 F	CVV 08 0/1615 M	M16x1,5	ISO 6149-1	57,3	2,26	63,7	2,51	Rd36x2	42	1,65	94,6	3,72	27	1,06			
			CVV 08 0/1815 F	CVV 08 0/1815 M	M18x1,5	ISO 6149-1	57,3	2,26	63,7	2,51	Rd36x2	42	1,65	94,6	3,72	27	1,06			
		*CVV 08 0/2015 F	*CVV 08 0/2015 M	M20x1,5	ISO 6149-1	57,3	2,26	63,7	2,51	Rd36x2	42	1,65	94,6	3,72	27	1,06				
		CVV 08 0/2215 F	CVV 08 0/2215 M	M22x1,5	ISO 6149-1	61,3	2,41	67,7	2,67	Rd36x2	42	1,65	102,6	4,04	27	1,06				
	12	12	CVV 12 0/34SAE F	CVV 12 0/34SAE M	1 1/16" UN	SAE J1926/1	84,5	3,32	86,5	3,4	Rd42x2	48	1,89	1,50	5,9	38	1,49			
		16		CVV 16 0/34GAS F	CVV 16 0/34GAS M	3/4" BSP	DIN 3852-2	89,3	3,52	89,8	3,54	Rd48x3	56	2,2	144,8	5,7	38	1,5		
				CVV 16 0/1GAS F	CVV 16 0/1GAS M	1" BSP	DIN 3852-2	92,3	3,63	92,8	3,65	Rd48x3	56	2,2	150,8	5,94	42	1,65		
				*CVV 16 0/2415 F	*CVV 16 0/2415 M	M24x1,5	ISO 6149-1	89,3	3,52	89,8	3,54	Rd48x3	56	2,2	144,8	5,7	38	1,5		
				*CVV 16 0/302 F	*CVV 16 0/302 M	M30x2	ISO 6149-1	92,3	3,63	92,8	3,65	Rd48x3	56	2,2	150,8	5,94	38	1,5		
24		*CVV 24 0/112G F	*CVV 24 0/112G M	1 1/2" BSP	DIN 3852-2	117	4,61	129	5,08	Rd70x3	80	3,15	195	7,68	55	2,17				
		*CVV 24 0/422 F	*CVV 24 0/422 M	M42x2	ISO 6149-1	117	4,61	129	5,08	Rd70x3	80	3,15	195	7,68	55	2,17				
08	04	*CVV 04 1/14GAS F	*CVV 04 1/14GAS M	1/4" BSP	DIN 3863-2-B	58	2,28	58,5	2,30	Rd24x2	30	1,18	90,5	3,56	19	0,75				
		*CVV 04 1/1415 F	*CVV 04 1/1415 M	M14x1,5	ISO 6149-2	58	2,28	58,5	2,30	Rd24x2	30	1,18	90,5	3,56	19	0,75				
	06		*CVV 06 1/38GAS F	*CVV 06 1/38GAS M	3/8" BSP	DIN 3863-2-B	59	2,32	59,5	2,34	Rd28x2	34	1,34	92,5	3,64	24	0,94			
			*CVV 06 1/12SAE F	*CVV 06 1/12SAE M	3/4" UNF	SAE J1926-3	59	2,32	59,5	2,34	Rd28x2	34	1,34	92,5	3,64	24	0,94			
			*CVV 06 1/1615 F	*CVV 06 1/1615 M	M16x1,5	ISO 6149-2	59	2,32	59,5	2,34	Rd28x2	34	1,34	92,5	3,64	24	0,94			
	08		*CVV 08 1/38GAS F	*CVV 08 1/38GAS M	3/8" BSP	DIN 3863-2-B	59,8	2,35	66,2	2,61	Rd36x2	42	1,65	99,6	3,92	27	1,06			
			*CVV 08 1/12GAS F	*CVV 08 1/12GAS M	1/2" BSP	DIN 3863-2-B	60,3	2,37	66,7	2,63	Rd36x2	42	1,65	100,6	3,96	27	1,06			
			*CVV 08 1/12SAE F	*CVV 08 1/12SAE M	3/4" UNF	SAE 1926-3	61,3	2,41	67,7	2,67	Rd36x2	42	1,65	102,6	4,04	27	1,06			
			*CVV 08 1/58SAE F	*CVV 08 1/58SAE M	7/8" UNF	SAE 1926-3	61,3	2,41	67,7	2,67	Rd36x2	42	1,65	102,6	4,04	27	1,06			
			*CVV 08 1/1615 F	*CVV 08 1/1615 M	M16x1,5	ISO 6149-2	58,3	2,30	64,7	2,55	Rd36x2	42	1,65	96,6	3,8	27	1,06			
			*CVV 08 1/1815 F	*CVV 08 1/1815 M	M18x1,5	ISO 6149-2	58,3	2,30	64,7	2,55	Rd36x2	42	1,65	96,6	3,8	27	1,06			
			CVV 08 1/2215 F	CVV 08 1/2215 M	M22x1,5	ISO 6149-2	61,3	2,41	67,7	2,67	Rd36x2	42	1,65	102,6	4,04	27	1,06			
			CVV 08 1/2615 F	CVV 08 1/2615 M	M26x1,5	ISO 6149-2	62,3	2,45	68,7	2,70	Rd36x2	42	1,65	102,6	4,04	27	1,06			
	16		*CVV 16 1/332 F	*CVV 16 1/332 M	M33x2	ISO 6149-2	93,3	3,67	93,8	3,69	Rd48x3	56	2,2	92,5	3,64	41	1,61			
		24		*CVV 24 1/112G F	*CVV 24 1/112G M	1 1/2" BSP	DIN 3863-2-B	117	4,61	129	5,08	Rd70x3	80	3,15	195	7,68	55	2,17		
	*CVV 24 1/422 F		*CVV 24 1/422 M	M42x2	ISO 6149-2	117	4,61	129	5,08	Rd70x3	80	3,15	195	7,68	55	2,17				

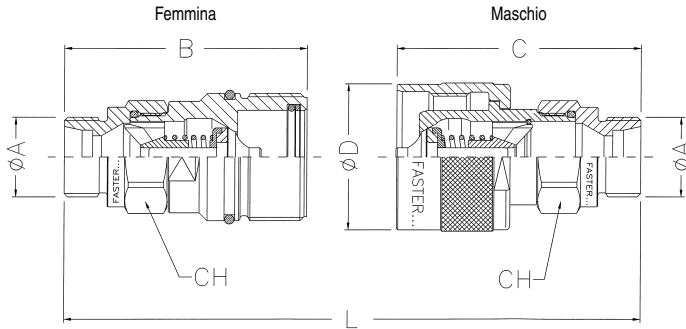
❖ Size GAS = BSP *On request

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► Available items



Series **GW**



Threaded end	Female		Male		Thread Ø A	Standards	B		C		Sleeve Ø D	L		CH		P		T			
	mm	inc.	mm	inc.			mm	inc.	mm	inc.		mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.
	04	CVV 04 2/1215 F	CVV 04 2/1215 M	M12x1,5	ISO 8434-1-L	58	2,28	58,5	2,30	Rd24x2	30	1,18	89,1	3,51	19	0,75		6,2	0,24		
		CVV 04 2/1415 F	CVV 04 2/1415 M	M14x1,5	ISO 8434-1-L	58	2,28	58,5	2,30	Rd24x2	30	1,18	90,5	3,56	19	0,75		8,2	0,32		
	06	CVV 06 2/1415 F	CVV 06 2/1415 M	M14x1,5	ISO 8434-1-L	66,7	2,63	67,1	2,64	Rd28x2	34	1,34	106,2	4,18	24	0,94		8,2	0,32		
		CVV 06 2/1615 F	CVV 06 2/1615 M	M16x1,5	ISO 8434-1-L	59	2,32	59,5	2,34	Rd28x2	34	1,34	92,5	3,64	24	0,94		10,2	0,40		
	08	CVV 08 2/1415 F	CVV 08 2/1415 M	M14x1,5	ISO 8434-1-L	59,3	2,33	65,7	2,59	Rd36x2	42	1,65	98,6	3,88	27	1,06		8,2	0,32		
		CVV 08 2/1615 F	CVV 08 2/1615 M	M16x1,5	ISO 8434-1-L	58,8	2,31	65,2	2,57	Rd36x2	42	1,65	97,6	3,84	27	1,06		10,2	0,40		
		CVV 08 2/1815 F	CVV 08 2/1815 M	M18x1,5	ISO 8434-1-L	57,3	2,26	63,7	2,51	Rd36x2	42	1,65	94,6	3,72	27	1,06		12,2	0,48		
		CVV 08 2/2015 F	CVV 08 2/2015 M	M20x1,5	ISO 8434-1-L	58,3	2,30	64,7	2,55	Rd36x2	42	1,65	96,6	3,80	27	1,06		13,5	0,53		
		CVV 08 2/2215 F	CVV 08 2/2215 M	M22x1,5	ISO 8434-1-L	58,3	2,30	64,7	2,55	Rd36x2	42	1,65	96,6	3,80	27	1,06		15,2	0,60		
		CVV 08 2/2615 F	CVV 08 2/2615 M	M26x1,5	ISO 8434-1-L	58,3	2,30	64,7	2,55	Rd36x2	42	1,65	96,6	3,80	27	1,06		18,2	0,72		
	16	CVV 16 2/2615 F	CVV 16 2/2615 M	M26x1,5	ISO 8434-1-L	88,3	3,48	88,8	3,50	Rd48x3	56	2,20	142,8	5,62	38	1,50		18,2	0,72		
		CVV 16 2/302 F	CVV 16 2/302 M	M30x2	ISO 8434-1-L	88,8	3,50	89,3	3,52	Rd48x3	56	2,20	143,8	5,66	38	1,50		22,2	0,87		
CVV 16 2/362 F		CVV 16 2/362 M	M36x2	ISO 8434-1-L	87,3	3,44	87,8	3,46	Rd48x3	56	2,20	140,8	5,54	38	1,50		28,2	1,11			
24	*CVV 24 2/362 F	*CVV 24 2/362 M	M36x2	ISO 8434-1-L	117	4,61	129	5,08	Rd70x3	80	3,15	195	7,68	55	2,17		28,2	1,11			
	*CVV 24 2/452 F	*CVV 24 2/452 M	M45x2	ISO 8434-1-L	111	4,37	121	4,76	Rd70x3	80	3,15	196	7,71	55	2,17		35,4	1,39			
	*CVV 24 2/522 F	*CVV 24 2/522 M	M52x2	ISO 8434-1-L	111	4,37	121	4,76	Rd70x3	80	3,15	196	7,71	55	2,17		42,4	1,67			
	04	*CVV 04 3/1415 F	*CVV 04 3/1415 M	M14x1,5	ISO 8434-1-S	58	2,28	58,5	2,30	Rd24x2	30	1,18	90,5	3,56	19	0,75		6,2	0,24		
		CVV 04 3/1615 F	CVV 04 3/1615 M	M16x1,5	ISO 8434-1-S	60	2,36	60,5	2,38	Rd24x2	30	1,18	93,1	3,67	19	0,75		8,2	0,32		
		CVV 04 3/1815 F	CVV 04 3/1815 M	M18x1,5	ISO 8434-1-S	60	2,36	60,5	2,38	Rd24x2	30	1,18	93,1	3,67	19	0,75		10,2	0,40		
	06	*CVV 06 3/1615 F	*CVV 06 3/1615 M	M16x1,5	ISO 8434-1-S	59	2,32	59,5	2,34	Rd28x2	34	1,34	92,5	3,64	24	0,94		8,2	0,32		
		CVV 06 3/1815 F	CVV 06 3/1815 M	M18x1,5	ISO 8434-1-S	68,7	2,70	69,1	2,72	Rd28x2	34	1,34	110,2	4,34	24	0,94		10,2	0,40		
		CVV 06 3/2015 F	CVV 06 3/2015 M	M20x1,5	ISO 8434-1-S	68,7	2,70	69,1	2,72	Rd28x2	34	1,34	110,2	4,34	24	0,94		12,2	0,48		
	08	CVV 08 3/2015 F	CVV 08 3/2015 M	M20x1,5	ISO 8434-1-S	58,3	2,30	64,7	2,55	Rd36x2	42	1,65	96,6	3,80	27	1,06		12,2	0,48		
		CVV 08 3/2215 F	CVV 08 3/2215 M	M22x1,5	ISO 8434-1-S	60,3	2,37	66,7	2,63	Rd36x2	42	1,65	100,6	3,96	27	1,06		14,2	0,56		
		CVV 08 3/2415 F	CVV 08 3/2415 M	M24x1,5	ISO 8434-1-S	60,3	2,37	66,7	2,63	Rd36x2	42	1,65	100,6	3,96	27	1,06		16,2	0,64		
	16	CVV 16 3/302 F	CVV 16 3/302 M	M30x2	ISO 8434-1-S	92,3	3,63	92,8	3,65	Rd48x3	56	2,20	150,8	5,94	38	1,50		20,2	0,80		
		CVV 16 3/362 F	CVV 16 3/362 M	M36x2	ISO 8434-1-S	92,8	3,65	93,3	3,67	Rd48x3	56	2,20	151,8	5,98	38	1,50		25,2	0,99		
		CVV 16 3/422 F	CVV 16 3/422 M	M42x2	ISO 8434-1-S	89,8	3,54	90,3	3,56	Rd48x3	56	2,20	145,5	5,74	46	1,81		30,2	1,19		
24	CVV 24 3/422 F	CVV 24 3/422 M	M42x2	ISO 8434-1-S	115	4,53	125	4,92	Rd70x3	80	3,15	204	8,03	55	2,17		30,2	1,19			
	CVV 24 3/522 F	CVV 24 3/522 M	M52x2	ISO 8434-1-S	117	4,6	127	5	Rd70x3	80	3,15	208	8,19	55	2,17		38,4	1,51			
	04	*CVV 04 4/1415 F	*CVV 04 4/1415 M	M14x1,5	DIN 3863	82	3,23	82,5	3,25	Rd24x2	30	1,18	138,5	5,45	19	0,75	35	1,38			
	06	*CVV 06 4/1615 F	*CVV 06 4/1615 M	M16x1,5	DIN 3863	83	3,27	83,5	3,29	Rd28x2	34	1,34	140,5	5,53	24	0,94	35	1,38			
	08	*CVV 08 4/38GAS F	*CVV 08 4/38GAS M	3/8" BSP	DIN 3863	82,8	3,26	89,2	3,51	Rd36x2	42	1,65	145,6	5,73	27	1,06	35	1,38			
		*CVV 08 4/12GAS F	*CVV 08 4/12GAS M	1/2" BSP	DIN 3863	82,8	3,26	89,2	3,51	Rd36x2	42	1,65	145,6	5,73	27	1,06	35	1,38			
		*CVV 08 4/58GAS F	*CVV 08 4/58GAS M	5/8" BSP	DIN 3863	88,3	3,48	94,7	3,73	Rd36x2	42	1,65	156,6	6,17	27	1,06	40,5	1,59			
		*CVV 08 4/1615 F	*CVV 08 4/1615 M	M16x1,5	DIN 3863	82,8	3,26	89,2	3,51	Rd36x2	42	1,65	145,6	5,73	27	1,06	35	1,38			
		CVV 08 4/1815 F	CVV 08 4/1815 M	M18x1,5	DIN 3863	81,3	3,20	87,7	3,45	Rd36x2	42	1,65	142,6	5,61	27	1,06	35	1,38			
	*CVV 08 4/2215 F	*CVV 08 4/2215 M	M22x1,5	DIN 3863	81,3	3,20	87,7	3,45	Rd36x2	42	1,65	142,6	5,61	27	1,06	35	1,38				
	16	*CVV 16 4/302 F	*CVV 16 4/302 M	M30x2	DIN 3863	116,3	4,58	116,8	4,60	Rd48x3	56	2,20	198,8	7,83	38	1,50	40	1,57	18,2	0,72	
	24	*CVV 24 4/422 F	*CVV 24 4/422 M	M42x2	DIN 3863	131	5,16	134	5,28	Rd70x3	80	3,15	221	8,70	55	2,17	47	1,87			
		04	CVV 04 5/1215 F	CVV 04 5/1215 M	M12x1,5	ISO 8434-1-L	82	3,23	82,5	3,25	Rd24x2	30	1,18	137,1	5,40	19	0,75	34	1,34	6,2	0,24
			CVV 04 5/1415 F	CVV 04 5/1415 M	M14x1,5	ISO 8434-1-L	82	3,23	82,5	3,25	Rd24x2	30	1,18	138,5	5,45	19	0,75	34	1,34	8,2	0,32
06		CVV 06 5/1415 F	CVV 06 5/1415 M	M14x1,5	ISO 8434-1-L	90,7	3,57	91,1	3,59	Rd28x2	34	1,34	154,2	6,07	24	0,94	34	1,34	8,2	0,32	
		CVV 06 5/1615 F	CVV 06 5/1615 M	M16x1,5	ISO 8434-1-L	83	3,27	83,5	3,29	Rd28x2	34	1,34	140,5	5,53	24	0,94	35	1,38	10,2	0,40	
08		CVV 08 5/1615 F	CVV 08 5/1615 M	M16x1,5	ISO 8434-1-L	82,8	3,26	89,2	3,51	Rd36x2	42	1,65	145,6	5,73	27	1,06	35	1,38	10,2	0,40	
		CVV 08 5/1815 F	CVV 08 5/1815 M	M18x1,5	ISO 8434-1-L	81,3	3,20	87,7	3,45	Rd36x2	42	1,65	142,6	5,61	27	1,06	35	1,38	12,2	0,48	
		CVV 08 5/2215 F	CVV 08 5/2215 M	M22x1,5	ISO 8434-1-L	81,3	3,20	87,7	3,45	Rd36x2	42	1,65	142,6	5,61	27	1,06	35	1,38	15,2	0,60	
		CVV 08 5/2615 F	CVV 08 5/2615 M	M26x1,5	ISO 8434-1-L	81,3	3,20	87,7	3,45	Rd36x2	42	1,65	142,6	5,61	27	1,06	35	1,38	18,2	0,72	
16		CVV 16 5/2615 F	CVV 16 5/2615 M	M26x1,5	ISO 8434-1-L	103,3	4,07	103,8	4,09	Rd48x3	56	2,20	172,8	6,80	38	1,50	40	1,57	18,2	0,72	
		CVV 16 5/302 F	CVV 16 5/302 M	M30x2	ISO 8434-1-L	108,8	4,28	109,3	4,30	Rd48x3	56	2,20	183,8	7,24	38	1,50	38	1,50	22,2	0,87	
		CVV 16 5/362 F	CVV 16 5/362 M	M36x2	ISO 8434-1-L	106,3	4,19	106,8	4,20	Rd48x3	56	2,20	178,8	7,04	42	1,65	34	1,34	28,2	1,11	
24		*CVV 24 5/362 F	*CVV 24 5/362 M	M36x2	ISO 8434-1-L	131	5,16	134	5,28	Rd70x3	80	3,15	221	8,70	55	2,17	43	1,69	28,2	1,11	
	*CVV 24 5/452 F	*CVV 24 5/452 M	M45x2	ISO 8434-1-L	131	5,16	141	5,55	Rd70x3	80	3,15	236	9,29	55	2,17	47	1,85	35,4	1,39		
	*CVV 24 5/522 F	*CVV 24 5/522 M	M52x2	ISO 8434-1-L	131	5,16	141	5,55	Rd70x3	80	3,15	236	9,29	55	2,17	47	1,85	42,4	1,67		

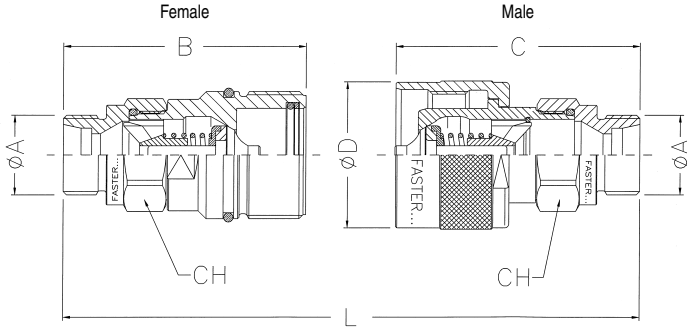
◆ Size GAS = BSP *On request

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Available items



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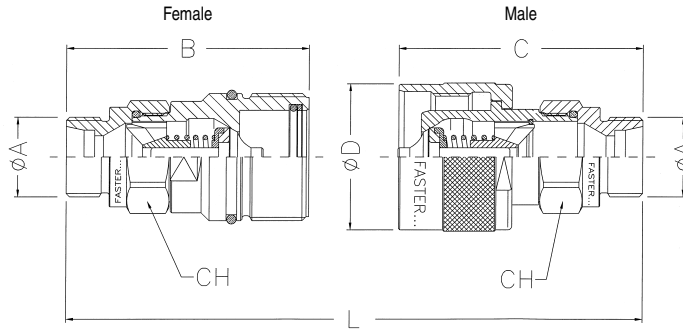


Threaded end	Female	Male	Thread Ø A	Standards	B		C		Sleeve Ø D	L	CH		P		T				
					mm	inc.	mm	inc.			mm	inc.	mm	inc.	mm	inc.	mm	inc.	
	04 CVV 04 6/1615 F CVV 04 6/1815 F	CVV 04 6/1615 M CVV 04 6/1815 M	M16x1,5	ISO 8434-1-S	83	3,27	83,5	3,29	Rd24x2	30	1,18	139,1	5,48	22	0,87	35	1,38	8,2	0,32
			M18x1,5	ISO 8434-1-S	83	3,27	83,5	3,29	Rd24x2	30	1,18	139,1	5,48	22	0,87	35	1,38	10,2	0,40
	*CVV 06 6/1615 F CVV 06 6/1815 F CVV 06 6/2015 F	*CVV 06 6/1615 M CVV 06 6/1815 M CVV 06 6/2015 M	M16x1,5	ISO 8434-1-S	82,5	3,25	83	3,27	Rd28x2	34	1,34	144	5,67	24	0,94	35	1,38	8,2	0,32
			M18x1,5	ISO 8434-1-S	91,7	3,61	92,1	3,63	Rd28x2	34	1,34	156,2	6,15	24	0,94	35	1,38	10,2	0,40
			M20x1,5	ISO 8434-1-S	91,7	3,61	92,1	3,63	Rd28x2	34	1,34	156,2	6,15	24	0,94	35	1,38	12,2	0,48
		08 CVV 08 6/2015 F CVV 08 6/2215 F CVV 08 6/2415 F	CVV 08 6/2015 M CVV 08 6/2215 M CVV 08 6/2415 M	M20x1,5	ISO 8434-1-S	81,3	3,20	87,7	3,45	Rd36x2	42	1,65	142,6	5,61	27	1,06	35	1,38	12,2
M22x1,5				ISO 8434-1-S	81,3	3,20	87,7	3,45	Rd36x2	42	1,65	142,6	5,61	27	1,06	35	1,38	14,2	0,56
M24x1,5				ISO 8434-1-S	81,3	3,20	87,7	3,45	Rd36x2	42	1,65	142,6	5,61	27	1,06	35	1,38	16,2	0,64
	16 CVV 16 6/302 F CVV 16 6/362 F CVV 16 6/422 F	CVV 16 6/302 M CVV 16 6/362 M CVV 16 6/422 M	M30x2	ISO 8434-1-S	114,3	4,50	114,8	4,52	Rd48x3	56	2,20	194,8	7,67	38	1,50	38	1,50	20,2	0,80
			M36x2	ISO 8434-1-S	112,8	4,44	113,3	4,46	Rd48x3	56	2,20	191,8	7,55	42	1,65	38	1,50	25,2	0,99
			M42x2	ISO 8434-1-S	109,8	4,32	110,3	4,34	Rd48x3	56	2,20	185,8	7,31	50	1,97	40	1,57	30,2	1,19
	24 CVV 24 6/422 F *CVV 24 6/522 F	*CVV 24 6/422 M *CVV 24 6/522 M	M42x2	ISO 8434-1-S	135	5,31	145	5,7	Rd70x3	80	3,15	244	9,6	55	2,17	40	1,57	30,2	1,19
			M52x2	ISO 8434-1-S	137	5,39	147	5,78	Rd70x3	80	3,15	248	9,76	55	2,17	47	1,85	38,4	1,51
	04 *CVV 04 7/1215 F CVV 04 7/1415 F	*CVV 04 7/1215 M CVV 04 7/1415 M	M12x1,5	ISO 8434-1-L	74	2,91	74,5	2,93	Rd24x2	30	1,18	121,1	4,77	19	0,75	26	1,02	6,2	0,24
			M14x1,5	ISO 8434-1-L	74	2,91	74,5	2,93	Rd24x2	30	1,18	121,1	4,77	19	0,75	26	1,02	8,2	0,32
	*CVV 06 7/1415 F *CVV 06 7/1615 F	*CVV 06 7/1415 M *CVV 06 7/1615 M	M14x1,5	ISO 8434-1-L	80,7	3,18	81,1	3,19	Rd28x2	34	1,34	134,2	5,28	24	0,94	26	1,02	8,2	0,32
			M16x1,5	ISO 8434-1-L	80,7	3,18	81,1	3,19	Rd28x2	34	1,34	134,2	5,28	24	0,94	26	1,02	10,2	0,40
	08 CVV 08 7/1615 F CVV 08 7/1815 F CVV 08 7/2215 F	CVV08 7/1615 M CVV08 7/1815 M CVV08 7/2215 M	M16x1,5	ISO 8434-1-L	73,8	2,91	80,2	3,16	Rd36x2	42	1,65	127,6	5,02	27	1,06	26	1,02	10,2	0,40
			M18x1,5	ISO 8434-1-L	72,3	2,85	78,7	3,10	Rd36x2	42	1,65	124,6	4,91	27	1,06	26	1,02	12,2	0,48
M22x1,5			ISO 8434-1-L	72,3	2,85	78,7	3,10	Rd36x2	42	1,65	124,6	4,91	27	1,06	26	1,02	15,2	0,60	
	04 *CVV 04 8/1615 F *CVV 04 8/1815 F	*CVV 04 8/1615 M *CVV 04 8/1815 M	M16x1,5	ISO 8434-1-S	74	2,91	74,5	2,93	Rd24x2	30	1,18	121,1	4,77	22	0,87	26	1,02	8,2	0,32
			M18x1,5	ISO 8434-1-S	74	2,91	74,5	2,93	Rd24x2	30	1,18	121,1	4,77	22	0,87	26	1,02	10,2	0,40
	*CVV 06 8/1815 F *CVV 06 8/2015 F	*CVV 06 8/1815 M *CVV 06 8/2015 M	M18x1,5	ISO 8434-1-S	80,7	3,18	81,1	3,19	Rd28x2	34	1,34	134,2	5,28	24	0,94	26	1,02	10,2	0,40
			M20x1,5	ISO 8434-1-S	80,7	3,18	81,1	3,19	Rd28x2	34	1,34	134,2	5,28	24	0,94	26	1,02	12,2	0,48
	08 CVV 08 8/1815 F CVV 08 8/2015 F CVV 08 8/2215 F CVV 08 8/2415 F	CVV08 8/1815 M CVV08 8/2015 M CVV08 8/2215 M CVV08 8/2415 M	M18x1,5	ISO 8434-1-S	72,3	2,85	78,7	3,10	Rd36x2	42	1,65	124,6	4,91	27	1,06	26	1,02	10,2	0,40
			M20x1,5	ISO 8434-1-S	72,3	2,85	78,7	3,10	Rd36x2	42	1,65	124,6	4,91	27	1,06	26	1,02	12,2	0,48
M22x1,5			ISO 8434-1-S	72,3	2,85	78,7	3,10	Rd36x2	42	1,65	124,6	4,91	27	1,06	26	1,02	14,2	0,56	
	04 *CVV 04 11/14S F CVV 04 11/38S F *CVV 04 11/12S F	*CVV 04 11/14S M CVV 04 11/38S M CVV 04 11/12S M	9/16" UNF	ISO 8434-3	59,2	2,33	63,5	2,50	Rd24x2	30	1,18	96,7	3,81	19	0,75				
			11/16" UNF	ISO 8434-3	59,2	2,33	59,7	2,35	Rd24x2	30	1,18	91,5	3,60	19	0,75				
			13/16" UNF	ISO 8434-3	60,8	2,39	61,3	2,41	Rd24x2	30	1,18	94,7	3,73	22	0,87				
	*CVV 06 11/38S F CVV 06 11/12S F	*CVV 06 11/38S M CVV 06 11/12S M	11/16" UN	ISO 8434-3	60	2,36	60,5	2,38	Rd28x2	34	1,34	94,5	3,72	24	0,94				
			13/16" UNF	ISO 8434-3	68,5	2,70	68,9	2,71	Rd28x2	34	1,34	109,8	4,32	24	0,94				
	*CVV 08 11/38S F CVV 08 11/12S F *CVV 08 11/58S F	*CVV 08 11/38S M CVV 08 11/12S M *CVV 08 11/58S M	11/16" UN	ISO 8434-3	60	2,36	66,4	2,61	Rd36x2	42	1,65	100	3,94	27	1,06				
			13/16" UNF	ISO 8434-3	60	2,36	66,4	2,61	Rd36x2	42	1,65	100	3,94	27	1,06				
			1" UNF	ISO 8434-3	61,8	2,43	68,2	2,69	Rd36x2	42	1,65	103,6	4,08	27	1,06				
16	*CVV 16 11/1S F	*CVV 16 11/1S M	1 7/16" UN	ISO 8434-3	96	3,78	81,7	3,22	Rd48x3	56	2,20	139,3	5,48	42	1,65				
24	*CVV 24 11/114S F	*CVV 24 11/114S M	1 11/16" UN	ISO 8434-3	117	4,61	129	5,08	Rd70x3	80	3,15	195	7,68	55	2,17				

❖ Size GAS = BSP *On request

Continued on page 13

Series **GW**



Threaded end	❖	Female		Male		Thread Ø A		Standards		B		C		Sleeve		Ø D		L		CH		P		T	
		mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.
	04	CVV 04 12/38S F		*CVV 04 12/38S M		11/16" UN		ISO 8434-3	80,5	3,17	84,8	3,34	Rd24x2	30	1,18	139,3	5,48	19	0,75	32	1,26				
		CVV 04 12/12S F		*CVV 04 12/12S M		13/16" UNF		ISO 8434-3	82,5	3,25	83	3,27	Rd24x2	30	1,18	138,1	5,44	24	0,94	36,5	1,43				
	06	*CVV 06 12/38S F		*CVV 06 12/38S M		11/16" UN		ISO 8434-3	81,3	3,20	81,8	3,22	Rd28x2	34	1,34	137,1	5,4	24	0,94	32	1,26				
		CVV 08 12/12S F		*CVV 08 12/12S M		13/16" UNF		ISO 8434-3	80,3	3,16	86,7	3,41	Rd36x2	42	1,65	140,6	5,54	27	1,06	36,5	1,43				
	08	*CVV 08 12/58S F		*CVV 08 12/58S M		7/8" UNF		ISO 8434-3	81,3	3,20	87,7	3,45	Rd36x2	42	1,65	142,6	5,61	27	1,06	40,5	1,59				
		CVV 16 12/1S F		*CVV 16 12/1S M		1 7/16" UN		ISO 8434-3	117,3	4,62	104	4,09	Rd48x3	56	2,20	178,3	7,02	42	1,65	42	1,65				
24	*CVV 24 12/114S F		*CVV 24 12/114S M		1 11/16" UN		ISO 8434-3	117	4,61	129	5,08	Rd70x3	80	3,15	195	7,68	55	2,17	42	1,65					
	04	*CVV 04 13/14S F		*CVV 04 13/14S M		7/16" UNF		ISO 8434-2	64,8	2,55	69,1	2,72	Rd24x2	30	1,18	108	4,25	19	0,75						
		*CVV 06 13/38S F		*CVV 08 13/38S M		9/16" UNF		ISO 8434-2	65,6	2,58	66,1	2,60	Rd28x2	34	1,34	106	4,17	24	0,94						
	08	*CVV 08 13/12S F		*CVV 08 13/12S M		3/4" UNF		ISO 8434-2	65,6	2,58	72	2,83	Rd36x2	42	1,65	111,2	4,38	27	1,06						
		*CVV 08 13/58S F		*CVV 08 13/58S M		7/8" UNF		ISO 8434-2	65,6	2,58	72	2,83	Rd36x2	42	1,65	111,2	4,38	27	1,06						
	16	*CVV 16 13/1S F		*CVV 16 13/1S M		1 5/16" UN		ISO 8434-2	101,6	4,00	87	3,43	Rd48x3	56	2,20	150,5	5,93	42	1,65						
	24	*CVV 24 13/1S F		*CVV 24 13/1S M		1 5/16" UN		ISO 8434-2	117	4,61	129	5,08	Rd70x3	80	3,15	195	7,68	55	2,17						
	04	*CVV 04 14/14S F		*CVV 04 14/14S M		7/16" UNF		ISO 8434-2	85,5	3,37	89,8	3,54	Rd24x2	30	1,18	149,4	5,88	19	0,75	30,5	1,20				
		*CVV 06 14/38S F		*CVV 06 14/38S M		9/16" UNF		ISO 8434-2	81,3	3,20	86,8	3,42	Rd28x2	34	1,34	147,4	5,8	24	0,94	32,5	1,28				
	08	*CVV 08 14/12S F		*CVV 08 14/12S M		3/4" UNF		ISO 8434-2	82,8	3,26	89,2	3,51	Rd36x2	42	1,65	145,6	5,73	27	1,06	36,6	1,44				
		*CVV 08 14/58S F		*CVV 08 14/58S M		7/8" UNF		ISO 8434-2	86,3	3,40	92,7	3,65	Rd36x2	42	1,65	152,6	6,01	27	1,06	40,1	1,58				
	16	*CVV 16 14/1S F		*CVV 16 14/1S M		1 5/16" UN		ISO 8434-2	119,5	4,70	105,2	4,14	Rd48x3	56	2,20	187,3	7,37	42	1,65	44,4	1,75				
	24	*CVV 24 14/1S F		*CVV 24 14/1S M		1 5/16" UN		ISO 8434-2	117	4,61	129	5,08	Rd70x3	80	3,15	195	7,68	55	2,17	44,4	1,75				
	04	CVV 04 16/14GAS F		CVV 04 16/14GAS M		1/4" BSP		DIN 3863	60	2,36	60,5	2,38	Rd24x2	30	1,18	93,1	3,67	19	0,75						
	06	CVV 06 16/38GAS F		CVV 06 16/38GAS M		3/8" BSP		DIN 3863	68,5	2,70	68,9	2,71	Rd28x2	34	1,34	109,8	4,32	24	0,94						
	08	CVV 08 16/38GAS F		CVV 08 16/38GAS M		3/8" BSP		DIN 3863	59,8	2,35	66,8	2,63	Rd36x2	42	1,65	100,8	3,97	27	1,06						
		CVV 08 16/12GAS F		CVV 08 16/12GAS M		1/2" BSP		DIN 3863	60,3	2,37	67,3	2,65	Rd36x2	42	1,65	101,8	4,01	27	1,06						
		CVV 08 16/1815 F		CVV 08 16/1815 M		M18x1,5		DIN 3863	58,3	2,30	65,3	2,57	Rd36x2	42	1,65	97,8	3,85	27	1,06						
	16	CVV 16 34/12 FC		*CVV 16 34/12 M		3/4"		SAE J518	91	3,58	77	3,03	Rd48x3	56	2,20	143	5,63								

❖ Size GAS = BSP *On request

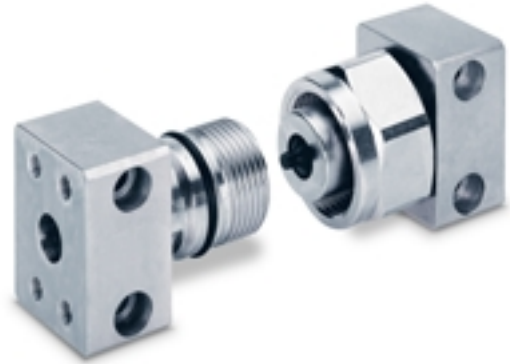
CVC series

- **Connection system:** screw-on
- **Disconnection system:** screw-on
- **Shut-off system:** poppet valve
- **Connectability:** both male and female couplings under residual pressure
- **Disconnection under pressure:** allowed
- **FASTER CVC Series** are standard equipment on **CATERPILLAR** machines
- Screw-on latching system
- Hexagon shaped sleeve
- Guidevalve with mechanical backstop
- Friction ring to prevent unscrewing

Accessories and spare part kit

See at pages 15-16-17.

Technical data



Size ❖	DN Nominal diameter		Rated flow		Max. work pressure *		Minimum burst pressure						Fluid spillage cc. max.	
	mm	inc	l/min.	GPM	MPa	PSI	Connected		Male		Female			
1/2"	08	13	0.51	50	13,23	34	4930	105	15225	105	15225	105	15225	2
1"	16	18,6	0.73	160	42,33	33	4785	100	14500	130	18850	100	14500	13

* Safety factor = 1:3 - For static pressure safety factor = 1:2

Pressure drop graph: test bench to ISO 7241-2 specifications with ISO VG 32 oil at 40°C (104°F) temperature.

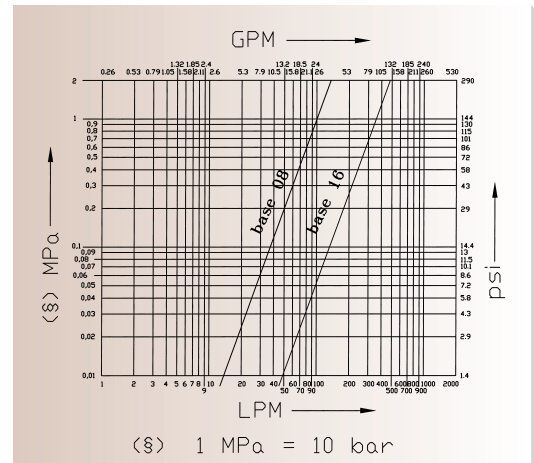
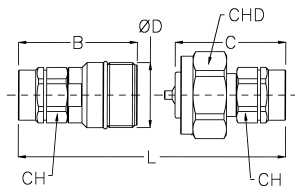
Materials:

- Female in steel.
- Male in high grade carbon steel.
- Steel hardened valve.
- Surface treatment: zinc plating and Cr III passivation.
- Springs in C98 steel.

Seals: Standard in oilproof NBR (Nitrile Rubber).
On request: Viton, Neoprene, EPDM or other seals.

Antiextrusion rings: In pure PTFE.

Working temperatures: with standard seals in NBR (Nitrile Rubber) from -25°C (-13°F) to +125°C (+257°F). For temperature exceeding these values, the quick-release coupling will be supplied with all components in steel together with the appropriate seals.



Available items

Threaded end	❖	Female		Male		Thread Ø A	Standards	B		C		Ø D	CHD		L		CH		P	
		mm	inc	mm	inc			mm	inc	mm	inc		mm	inc	mm	inc	mm	inc	mm	inc
	08	CVC 08 12 GAS F		CVC 08 12 GAS M		1/2" BSP	DIN 3852-2-X	60,3	2,37	60,9	2,40	Rd 35x2	41	1,61	105,2	4,14	27	1,06		
	16	*CVC 16 1 GAS F *CVC 16 3015 F		CVC 16 1 GAS M CVC 16 3015 M		1" BSP M30x1,5	DIN 3852-2-X ISO 9974-1	97,1 97,1	3,82 3,82	90,5 90,5	3,56 3,56	Rd 54x3 Rd 54x3	65 65	2,56 2,56	157 157	6,18 6,18	42 42	1,65 1,65		
	08	*CVC 08 0/2215 F		CVC 08/2215 M		M22x1,5	ISO 6149	60,3	2,37	60,9	2,40	Rd 35x2	41	1,61	105,2	4,14	27	1,06		
	08	*CVC 08 12/12S F		CVC 08 12/12S M		13/16" UN	ISO 8434-3	79,8	3,14	80,4	3,17	Rd 35x2	41	1,61	144,2	5,68	27	1,06	36,5	1,43
	16	*CVC 16 34/12 F		CVC 16 34/12 M		3/4"	SAE J518	104,1	4,10	97,5	3,84	Rd 54x3	65	2,56	171	6,73	-	-		

❖ Size GAS = BSP *On request

The descriptions and illustrations in this catalogue are for information only and are not binding.

► **Spare parts kit**

When seals are damaged due to wear or foreign material, it is necessary to replace them.

Original FASTER® spare parts kit are available.

Detailed instructions are included to achieve the correct replacement of damaged parts.

No special tools are required to carry out replacement.

Do not use sharpened tools to change the seals that could damage the new seals or the coupling itself.



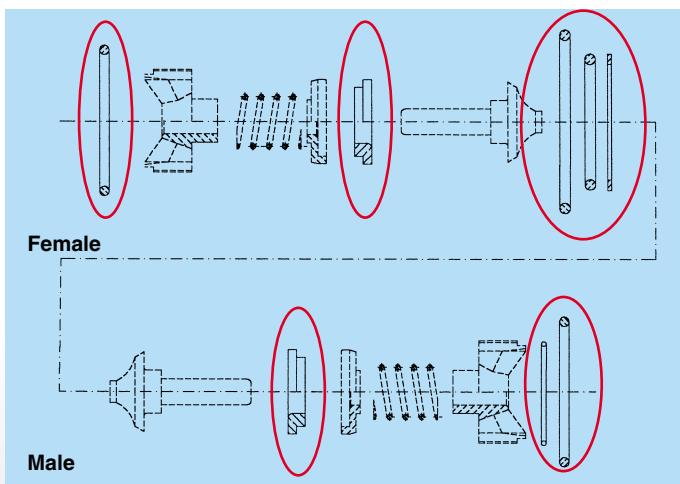
► **CPV-CNV and CVV spare part kit**

Series	Product	Size	Kit code	
			Standard	Viton
CPV-CNV	CPV 06	06 3/8"	* KIT CPV 06	* KIT CPV 06 V
	CPV 08	08 1/2"	KIT CPV 08	KIT CPV 08 V
	CPV 16	16 1"	KIT CPV 16	* KIT CPV 16 V
CVV	CVV 04	04 1/4"	KIT CVV 04	* KIT CVV 04 V
	CVV 06	06 3/8"	KIT CVV 06	* KIT CVV 06 V
	CVV 08	08 1/2"	KIT CVV 08	* KIT CVV 08 V
	CVV 12	12 3/4"	KIT CVV 12	* KIT CVV12 V
	CVV 16	16 1"	KIT CVV 16	KIT CVV 16 V
	CVV 24	24 1 1/2"	KIT CVV 24	KIT CVV 24 V
CVC	CVC 08	08 1/2"	KIT CVC 08	* KIT CVC 08 V
	CVC 16	16 1"	KIT CVC 16	* KIT CVC 16 V

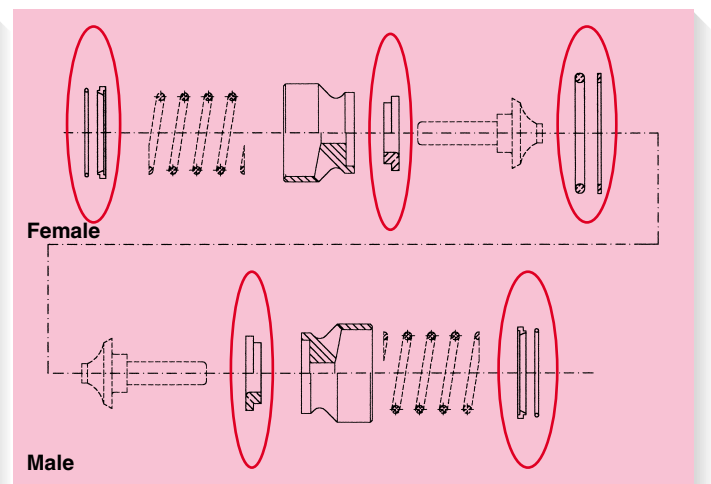
Components in the kit depend on the coupling size.
For information only please refer to background colour of the table.

* On request

► **Standard seals and components**



► **Viton seals and reinforced components**



► **Dust protections**

Original **FASTER®** protections are very useful: they keep the mating surfaces clean and protect the latching elements when the coupling halves are disconnected.

Protections made of oilproof PVC (suitable for **CPV-CNV** series couplings) and Polyethylene (suitable for **CVV** series couplings) endure temperatures ranging from -30°C (-22°F) to +100°C (+212°F). For higher temperatures and/or particular applications the use of original **FASTER** protections made of Aluminium is recommended.

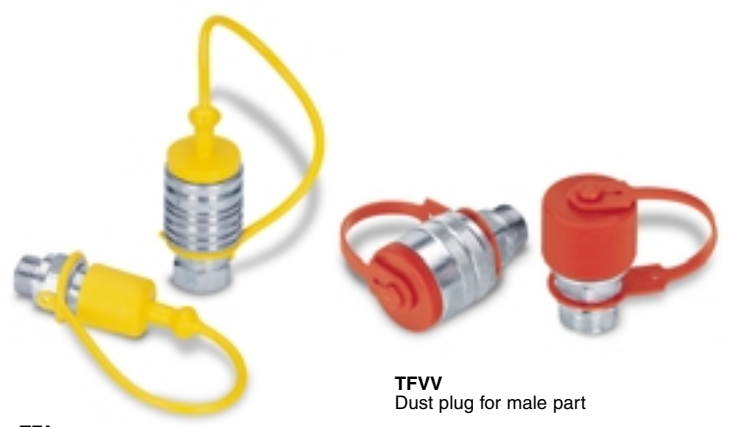
PVC protections (suitable for **CPV-CNV** series couplings) have the **YELLOW** standard colour.

Polyethylene protections (suitable for **CVV** series couplings) have the **RED** standard colour.

On request they can be supplied in other colours to satisfy particular needs. Please refer to the following tables for ordering codes.



ACCESSORIES



TFA
Dust cap for male part

TFVV
Dust plug for male part

TMA
Dust plug for female part

TMVV
Dust cap for female part



TMCVC
Dust cap for female part

Series	Size		Dust plug for female part		Dust plug for male part	
			PVC	Aluminium	PVC	Aluminium
CPV-CNV <i>Standard colour</i> YELLOW	06	3/8"	TMA 38	* TMA 38 S	TFA 38	* TFA 38 S
	08	1/2"	TM 12 L/G	* TM 12 S	TF 12 G	TF 12 S
	16	1"	TMA 1	TMA 1 S	TFA 1	* TFA 1 S
CVV <i>Standard colour</i> RED			Polyethylene	Aluminium	Polyethylene	Aluminium
	04	1/4"	* TMVV 04	TMVV 04 S	* TFVV 04	TFVV 04 S
	06	3/8"	TMVV 06	* TMVV 06 S	TFVV 06	* TFVV 06 S
	08	1/2"	TMVV 08	* TMVV 08 S	TFVV 08	* TFVV 08 S
	12	3/4"	TMVV 12	* TMVV 12 S	TFVV 12	* TFVV 12 S
	16	1"	TMVV 16	* TMVV 16 S	TFVV 16	* TFVV 16 S
24	1 1/2"	TMVV 24	* TMVV 24 S	TFVV 24	* TFVV 24 S	
CVC				Aluminium		Aluminium
	08	1/2"	-	TMCVC 08 S	-	TFCVC 08 S
	16	1"	-	TMCVC 16 S	-	TFCVC 16 S

PVC plugs with non standard colours		
	colour	code
	blue	...B
	yellow	...G
	red	...R
	green	...V
	black	...N
	orange	...A

Es. TMA 38V = male plug for 3/8" size CPV series coupling, female part, green colour.

* On request

▶ **TA automatic dust caps**

This dust cap has been specifically designed for CPV Series **PUSH-PULL** quick-release couplings. It closes itself automatically when the male is disconnected, sealing off dust and dirt. It is produced in acetal resin with stainless steel springs and is particularly resistant to weather changes and aging factors. It is available in different colours. On request it is possible to personalize them with specific logo on the basis of minimum quantities. **TA** automatic cap is also available in black colour with special lid for coloured clips (**TAID...series**) to help lines identification. More details within catalogue Agriculture Series n. 0112.

Size	Protection for female part					
	Blue	Yellow	Red	Black	Green	Brown
3/8" 06	TA 38	-	-	-	-	-
1/2" 08	TA 12	TA 12 G	TA 12 R	TA 12 N	TA 12 V	TA 12 M

ACCESSORIES

Series TA12



▶ **Pusher**

This accessory can be applied to the CPV Series **PUSH-PULL** coupling sleeve for an easier connection and disconnection even by one finger. It is made in Nylon available in different colours.

Colour	Code
Black	D12 N
Yellow	D12 G*
Blue	D12 B*
Red	D12 R*

* On request

Series D12



▶ **CNV...F series**

Female coupling with PUSH-PULL connection system complying with ISO 7241-1 part A (CPV Series), equipped with a lighter spring in the sleeve. In such a way it can be connected as a standard NV series coupling by pulling back the sleeve. Those versions can be produced on request in 08 size with the same threaded ends as CPV Series couplings (see at page 5). For further details contact **FASTER® Research & Development Dept.**

▶ **CVF...M series**

CVF series male coupling equipped with a special threaded sleeve in brass with wing nuts and hexagon shaped interchangeable with CVV Series couplings. In this way manual connection and disconnection are very easy. Those versions can be produced on request in 08-12-16 sizes with the same threaded ends as CVV Series couplings (see at page 9). For further details contact **FASTER® Research & Development Dept.**

“Special” Series

Series *CNV...F*



Series *CVF*



► **Agricultural series**

This series of quick-release couplings has been specifically designed and produced for agricultural applications. Most couplings of this series are interchangeable and are used by **most major manufacturers of tractors and agricultural machines in the world.**

The conformity to ISO 7241-A Standards assures a perfect interchangeability between agricultural machines in the world. The **VF series** conforms to ISO 5676 Standards. It is produced to connect the hydraulic brake systems and is used in the whole Europe.



For further information and technical details please ask for the specific catalogue.

CAT. 0112-1
Agricultural series



► **THE NEW REVOLUTIONARY WAY OF THE QUICK-RELEASE COUPLINGS**

- 1) Allows the connection with the male part under pressure (3 series).
- 2) Push-Pull connection.
- 3) The disconnection is achieved by pulling back the male part (**BREAKAWAY** feature).
- 4) Direct application on the valve or to rigid tubes.
- 5) Mechanical block of valves is automatic and prevents return line shut down even at high flow rate.
- 6) Dimensionally compact.
- 7) Wide range of threads.

► **Screw-on series**

The screw-on type coupling ensures a positive and firm connection between male and female part. This feature is usually requested in presence of high pressure peaks with hose bendings and vibrations. The screw-on couplings are particularly suitable for all applications with pressure and flow peaks and when it is often necessary to connect and disconnect with residual pressure inside.



For further information and technical details please ask for the specific catalogue.

CAT. 0114-1
Screw-on series

Screw-on Series



► **THE NEW REVOLUTIONARY WAY OF THE QUICK-RELEASE COUPLINGS**

- 1) Connection can be done with one or both parts under pressure only using a spanner.
- 2) A wide contact area between the two parts ensures high resistance to cyclic pressure.
- 3) High seal resistance to hose bendings.
- 4) Extremely compact if compared to the performances.
- 5) They can be designed in anodized aluminium with latching balls and springs made of stainless steel.
- 6) Special versions with metal to metal sealing in order to be suitable to very high flowrates.

Ask for our catalogues



CAT. 0110-I Italiano
CAT. 0110-GB English
CAT. 0110-F Français
General Line



CAT. 0111-I Italiano
CAT. 0111-GB English
Multifaster series



CAT. 0112-I Italiano
CAT. 0112-GB English
Agriculture series



CAT. 0113-I Italiano
CAT. 0113-GB English
FF Flat-Face series



CAT. 0114-I Italiano
CAT. 0114-GB English
Screw-on couplings series



CAT. 0115-I Italiano
CAT. 0115-GB English
Standard series



CAT. 0116-I Italiano
CAT. 0116-GB English
CPV-CNV and CVV series



CAT. 0117-I Italiano
CAT. 0117-GB English
DF series



CAT. 0118-I Italiano
CAT. 0118-GB English
RF series



CAT. 0119-I Italiano
CAT. 0119-GB English
VU series

► Guarantee

All **FASTER**® quick-release couplings are designed and produced in conformity with the regulations of **Quality Managing System according to UNI EN ISO 9001 and UNI ISO/TS 16949 Standards.**

They bear the **FASTER**® logo to guarantee their origin and reliability.

FASTER® quick-release couplings are distributed worldwide through a network of highly qualified distributors.



UNI EN ISO 9001
Cert. n° 2905
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