



Nominal Diameter

8/12

RECTUS Series

608/612



Low Pressure



Technical Description

The 608/612 series (French series) has been specially developed for cooling in the field of plastic injection machines/ moulds. Using vertical plug inserts, the cooling connection can be installed directly in the mould/machine, so the external contour has no predruding extension components. This allows easy and safe handling during the work process and prevents damage to the coupling and the mould.

This system is supplied as a "straight-through coupling" with no valves. Coding of the in and outlets can be represented by simple fixing of the coloured clips/rings onto the coupling and plug.

Advantages

The use of the locking balls means that an optimum grip of the plug connection is guaranteed, even with forces that are applied laterally.

The simple unlocking mechanism, which is optimised by knurling at the end of the sleeve, can be operated by pulling back once on the sleeve.

Working Pressure:

PB = 20 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-15°C up to +200°C (FKM) depending on the medium.

*At a temperature below -15°C and above +200°C special seals are available on request.

Available Valves



Material

Coupling

Body
Locking Balls
Spring
Seal

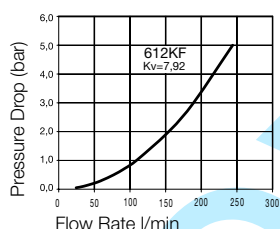
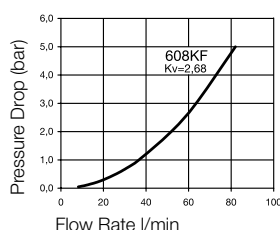
Brass, Nickel Plated
AISI 420
AISI 301
FKM

Plug

Plug

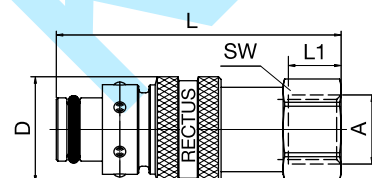
Brass, Nickel Plated

Chart



Couplings

RECTUS Series 608/612



Female Thread

DN	Series	Connec- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
8	608	G 1/4	17	54	20	10				without	608KF IW13 MVN	10	■ □

DS = Delivery Status:

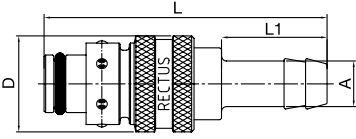
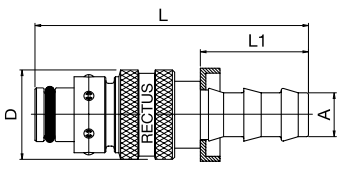
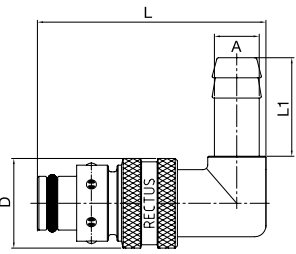
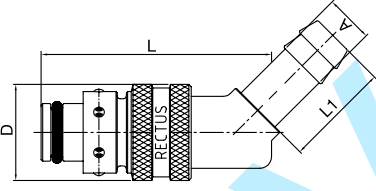
■ in stock

■ □ on short call

■ □ medium term delivery

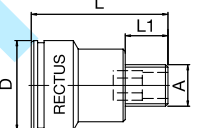
Couplings

RECTUS Series 608/612

	DN	Series	Connec- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
 <p>Hose Barb</p>	8	608	8 mm		65	20	28				without	608KF TF08 MVN	10	
			10 mm		65	20	28				without	608KF TF10 MVN	10	
			12 mm		65	20	28				without	608KF TF12 MVN	10	
	12	612	13 mm		77	28	33				without	612KF TF13 MVN	10	
			16 mm		77	28	33				without	612KF TF16 MVN	10	
 <p>Push-Lok</p>	8	608	10 mm		61,5	20	24,5				without	608KF TP10 MVN	10	
			13 mm		65	20	28				without	608KF TP13 MVN	10	
	12	612												
 <p>Hose Barb 90°</p>	8	608	10 mm		51	20	20				without	608KF TR10 MVN	10	
			12 mm		51	20	20				without	608KF TR12 MVN	10	
	12	612	13 mm		59	28	25				without	612KF TR13 MVN	5	
			16 mm		62	28	25				without	612KF TR16 MVN	5	
 <p>Hose Barb 45°</p>	8	608	10 mm		51	20	20				without	608KF TH10 MVN	10	
			12 mm		51	20	20				without	608KF TH12 MVN	10	
	12	612	13 mm		55	28	25				without	612KF TH13 MVN	5	
			16 mm		55	28	25				without	612KF TH16 MVN	5	

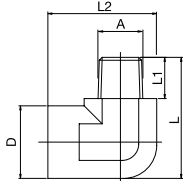
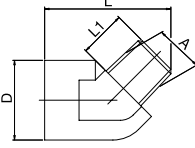
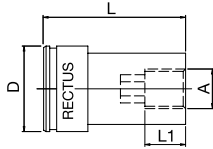
Plugs

RECTUS Series 608/612

	DN	Series	Connec- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
 <p>Male Thread</p>	8	608	M 10 x 1	6	32	21	10				without	608SF AM10 MXN	25	
			G 1/8	6	32	21	10				without	608SF AW10 MXN	25	
			G 1/4	8	33	21	12				without	608SF AW13 MXN	25	
			G 3/8	8	24	21	13				without	608SF AW17 MXN	25	
	12	612	G 3/8	10	41	32	13				without	612SF AW17 MXN	10	
			G 1/2	14	44	32	16				without	612SF AW21 MXN	10	
			G 3/4	14	32	32	19				without	612SF AW26 MXN	10	

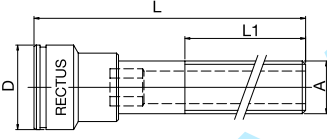
Plugs

RECTUS Series 608/612

	DN	Series	Conne- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
 <p>Male Thread 90°</p>	8	608	R 1/8		34	22	11	33			without	608SF AR10 MXN	10	■
			G 1/4		37	22	13	33			without	608SF AR13 MXN	10	■
			G 3/8		37	22	13	33			without	608SF AR17 MXN	10	■
 <p>Male Thread 45°</p>	8	608	R 1/8		33	22	10,5				without	608SF AH10 MXN	10	■
			R 1/4		35	22	13				without	608SF AH13 MXN	10	■
 <p>Female Thread</p>	6	608	G 1/8	6	35	21	10				without	608SF IW10 MXN	10	■
			G 1/4	8	40	21	14				without	608SF IW13 MXN	10	■
	12	612	G 3/8	12	49	32	14				without	612SF IW17 MXN	10	■
			G 1/2	12	50	32	14				without	612SF IW21 MXN	10	■



Extension Plugs

RECTUS Series 608/612

	DN	Series	Conne- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
 <p>Male Thread</p>	8	608	G 1/8	6	50	21	28				without	608VN 1005 MXN	10	■
			G 1/8	6	100	21	60				without	608VN 1010 MXN	10	■
			G 1/8	6	150	21	60				without	608VN 1015 MXN	10	■
			G 1/4	8	50	21	28				without	608VN 1305 MXN	10	■
			G 1/4	8	100	21	60				without	608VN 1310 MXN	10	■
			G 1/4	8	150	21	60				without	608VN 1315 MXN	10	■
			G 1/4	8	200	21	60				without	608VN 1320 MXN	10	■

Color Clip for Couplings

RECTUS Series 608/612

	DN	Series		Color	Part Number	PU	DS
 	8	608	Clip for Coupling	red	DHX 608 KXX KXR	10	■
			Clip for Coupling	blue	DHX 608 KXX KXB	10	■
			Clip for Coupling	black	DHX 608 KXX KXS	10	■
	12	612	Clip for Coupling	red	DHX 612 KXX KXR	10	■
			Clip for Coupling	blue	DHX 612 KXX KXB	10	■
			Clip for Coupling	black	DHX 612 KXX KXS	10	■



DS = Delivery Status: ■ in stock

■ on short call

■ medium term delivery

Color Clip for Plugs

RECTUS Series 608/612

			DN	Series		Color	Part Number	PU	DS
  DHX 608 SXX KXB	8	608			Clip for Plugs	red	DHX 608 SXX KXR	10	<input type="checkbox"/>
					Clip for Plugs	blue	DHX 608 SXX KXB	10	<input type="checkbox"/>
					Clip for Plugs	black	DHX 608 SXX KXS	10	<input type="checkbox"/>
	12	612			Clip for Plugs	red	DHX 612 SXX KXR	10	<input type="checkbox"/>
					Clip for Plugs	blue	DHX 612 SXX KXB	10	<input type="checkbox"/>
					Clip for Plugs	black	DHX 612 SXX KXS	10	<input type="checkbox"/>