

Nominal Diameter

9 = 64 mm²

RECTUS Series



87

actual size



Technical Description

The 86, 87 and 88 RECTUS Moldtite coupling series were especially developed for connecting coolant lines and injection molds. Countersunk plugs can easily be connected and disconnected because of the extended sleeve. The angular connections prevent kinks from forming in the hose.

Advantages

Available in single shut-off, double shut-off or straight-through versions. The shut-off couplings (with valve) are equipped with nickel-plated sleeves for quick and accurate visual differentiation.

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.

Working Pressure

PB = 15 bar, maximum static working pressure with safety factor of 4 to 1.

Material

- Coupling
- Back Body
- Valve Body
- Sleeve
- Sleeve
- Valve
- Locking Balls
- Seals
- Spring and Locking Rings

Standard

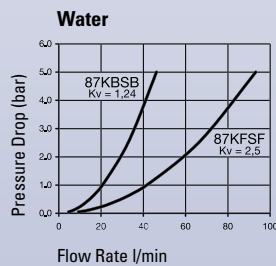
- Brass
- Brass
- Brass (without Valve)
- Brass, Nickel Plated (with Valve)
- Brass
- AISI 420
- FKM
- AISI 301

Plug

- Plug Profile
- Adapter
- Valve
- Spring and Locking Ring
- Seal

- Brass
- Brass
- Brass
- AISI 301
- FKM

Chart



Couplings

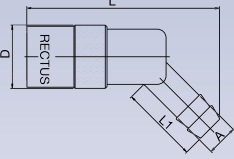
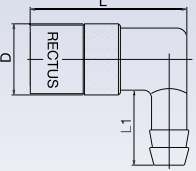
RECTUS Series 87

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS	
<p>Male Thread</p>	G 3/8	22	56,5	24	9					with Valve	87KB AW17 MVX	■	
										without Valve	87KF AW17 MVX	■□	
<p>Female Thread</p>	G 1/4	21	51,5	24	10					with Valve	87KB IW13 MVX	■	
	G 3/8	21	51,5	24	10					without Valve	87KF IW13 MVX	■	
<p>Hose Barb</p>	9 mm		58,5	24	17					with Valve	87KB TF09 MVX	■	
										without Valve	87KF TF09 MVX	■	
	13 mm			66,5	24	25					with Valve	87KB TF13 MVX	■
											without Valve	87KF TF13 MVX	■

DS = Delivery Status: ■ in stock ■□ on short call □ medium term delivery

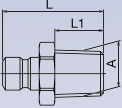
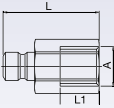
Couplings

RECTUS Series 87

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p>Hose Barb 45°</p>	9 mm		71	24	19					with Valve	87KB TH09 MVX	☐
										without Valve	87KF TH09 MVX	■
	13 mm		75	24	25					with Valve	87KB TH13 MVX	■
										without Valve	87KF TH13 MVX	■
 <p>Hose Barb 90°</p>	9 mm		56	24	19					with Valve	87KB TR09 MVX	■
										without Valve	87KF TR09 MVX	■
	13 mm		56	24	28,5					with Valve	87KB TR13 MVX	■
										without Valve	87KF TR13 MVX	■

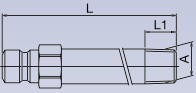
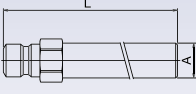
Plugs

RECTUS Series 87

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p>Male Thread</p>	R 1/4	16	34		12					with Valve	87SB AK13 MVX	■
										without Valve	87SF AK13 MXX	■
	G 1/4	17	34		14					with Valve	87SB AW13 MVX	■
		16	34		14					without Valve	87SF AW13 MXX	■
	R 3/8	19	34		12					with Valve	87SB AK17 MVX	■
										without Valve	87SF AK17 MXX	■
G 3/8	19	34		14					without Valve	87SF AW17 MXX	■	
	R 1/2	22	39		17					with Valve	87SB AK21 MVX	■
									without Valve	87SF AK21 MXX	■	
 <p>Female Thread</p>	G 1/8	16	32		11				without Valve	87SF IW10 MXX	■	
	G 1/4	16	37		13					without Valve	87SF IW13 MXX	■
	G 3/8	19	39		13					without Valve	87SF IW17 MXX	■

Extension Plugs

RECTUS Series 87

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p>Male Thread</p>	R 1/4	15	100		12					without Valve	87VN 1310 MXX	■
	R 1/4	15	150		12					without Valve	87VN 1315 MXX	■
 <p>without Thread</p>	14	15	100							without Valve	87VN XX10 MXX	■
	14	15	150							without Valve	87VN XX15 MXX	■
	14	15	200							without Valve	87VN XX20 MXX	■
	14	15	250							without Valve	87VN XX25 MXX	■

DS = Delivery Status:

■ in stock

☐ on short call

☐ medium term delivery