



NEWS / HOME

Products

Single Shut-Off
Double Shut-Off
Safety
Thermoplastic

Water Applications

RectuKey
TEMA
NYCOIL
System Components

History

Representatives

Jobs

Contact

Search

Press

Nom. Diameter 9= 64 mm²
87 series

**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.

Applications

Tools production.

Working Temperature*

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

Working Pressure

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

*At a temperature below -20°C
and above +150°C specials seals
are available on request.

**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.

Material**Coupling**

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

Standard Version

Brass
Brass
Brass (without Valve)
Brass, Nickel Plated (with Valve)
Brass
AISI 420
Viton®
AISI 301

Plug

Plug Profile
Adapter
Valve
Spring and Locking Ring
Seal

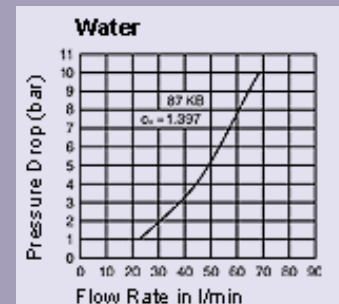
Brass
Brass
Brass
AISI 301
Viton®

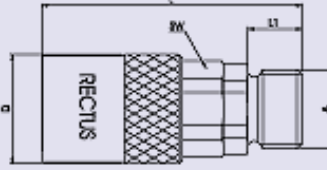
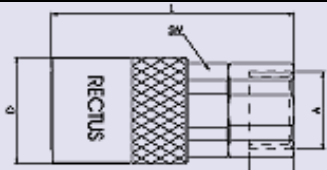
PDF-Documents

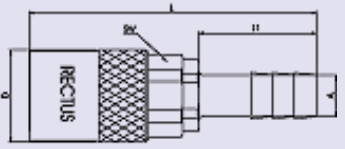
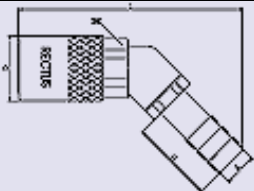
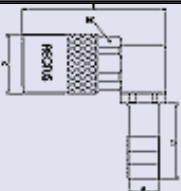
[Safety Instructions](#)

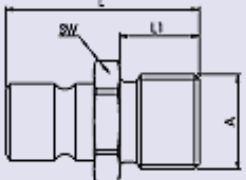
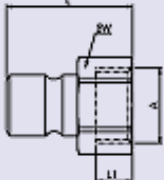
[Installation and maintenance instructions](#)

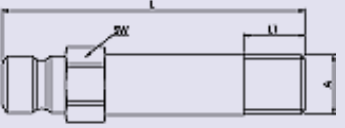
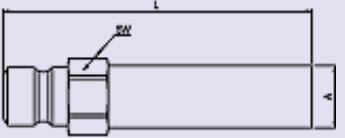
[Operating instructions](#)

Chart

Couplings	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
 Male Thread	G 3/8	19	58	24	11					with Valve	87KBAW17MVX
										without Valve	87KFAW17MVX
 Female Thread	G 1/4	19	52,5	24	9					with Valve	87KBIW13MVX
										without Valve	87KFIW13MVX
	G 3/8	19	57	24	11					with Valve	87KBIW17MVX
										without Valve	87KFIW17MVX

 Hose Barb	9 mm	19	71	24	25					with Valve	87KBTF09MVX
	11 mm	19	71	24	25					with Valve	87KBTF11MVX
	13 mm	19	71	24	25					with Valve	87KBTF13MVX
										without Valve	87KFTF09MVX
										without Valve	87KFTF11MVX
										without Valve	87KFTF13MVX
 Hose Barb	9 mm	19	79	24	25					with Valve	87KBTH09MVX
										without Valve	87KFTH09MVX
	11 mm	19	79	24	25					with Valve	87KBTH11MVX
										without Valve	87KFTH11MVX
	13 mm	19	79	24	25					with Valve	87KBTH13MVX
										without Valve	87KFTH13MVX
 Hose Barb	9 mm	19	65	24	25					with Valve	87KBTR09MVX
										without Valve	87KFTR09MVX
	11 mm	19	65	24	25					with Valve	87KBTR11MVX
										without Valve	87KFTR11MVX
	13 mm	19	65	24	25					with Valve	87KBTR13MVX
										without Valve	87KFTR13MVX

Plug	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
 Male Thread	R 1/4	14	33,5		14					with Valve	87SBAK13MVX
										without Valve	87SFAK13MXX
										without Valve	87SFAW13MXX
	R 3/8	17	32		12					with Valve	87SBAK17MVX
										without Valve	87SFAK17MXX
	G 3/8	19	34		14					without Valve	87SFAW17MXX
 Female Thread	G 1/4	17	34		14					with Valve	87SBAW13MVX
										without Valve	87SFAW13MXX
	R 1/2	22	39		17					with Valve	87SBAK21MVX
										without Valve	87SFAW21MXX
	G 1/8	16	32		14					without Valve	87SFIW10MXX
	G 1/4	17	27,5		10					without Valve	87SFIW13MXX
	G 3/8	19	27,5		10					without Valve	87SFIW17MXX

Extension Plug	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
 Male Thread	G 1/4	15	100		25,5					without Valve	87VN1310MXX
	R 1/4	15	150		12					without Valve	87VN1315MXX
 without Gewinde	14	15	100							without Valve	87VNXX10MXX
	14	15	200							without Valve	87VNXX20MXX
	14	15	250							without Valve	87VNXX25MXX
	14	15	150							without Valve	87VNXX15MXX