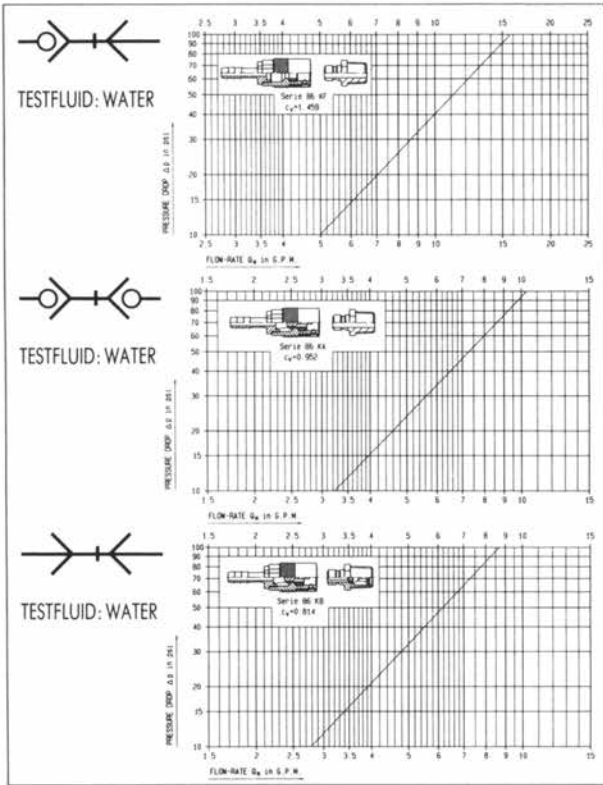


# Manual Type

# Mold-Tite (D-M-E Interchange) 1/4" body size

# Series 86



**Material:**  
 coupler body: brass  
 sleeve: brass  
 sleeve for valved coupler: brass, nickel plated  
 valve: brass  
 seal: Viton  
 plug: brass

**Temperature range:**  
 -20° C till +200° C  
 (-40° F till +500° F)

**Working pressure:**  
 0-15 bar  
 (230 psi)



actual size

**Description:** RECTUS MOLD-TITE couplings are specially designed for connecting coolant lines to molds and dies. When the loss of fluid in the mold or die (when the coupler is disconnected) is of prime concern, a valved coupler with a valved plug is recommended. But, when the increase in flow is more important than the loss of fluid, the valved coupler may be connected with a straight-through plug. However, a valved plug can be used only with a valved coupler. For maximum flow conditions where loss of fluid is of less concern, we recommend the straight-through coupler/plug combination.

**Interchangeability:** D-M-E, Foster FJT, Parker Moldmate.

## Couplings

Connection	Part-no.	Ident-no.	Part-no.	Ident-no.	SW	L	D	LI	
straight barb	6 mm	86 KF TF 06 MVX	50579	86 KB TF 06 MVX	39737	15	56	18	23
	8 mm	86 KF TF 08 MVX	53778	86 KB TF 08 MVX	53775	15	56	18	23
	9 mm	86 KF TF 09 MVX	41163	86 KB TF 09 MVX	41168	15	56	18	23
45° barb	6 mm	86 KF TH 06 MVX	13178	86 KB TH 06 MVX	41167	15	61	18	23
	8 mm	86 KF TH 08 MVX	53777	86 KB TH 08 MVX	53774	15	61	18	23
	9 mm	86 KF TH 09 MVX	41162	86 KB TH 09 MVX	41166	15	61	18	23
90° barb	6 mm	86 KF TR 06 MVX	41161	86 KB TR 06 MVX	39737	15	44	18	23
	8 mm	86 KF TR 08 MVX	53779	86 KB TR 08 MVX	53776	15	44	18	23
	9 mm	86 KF TR 09 MVX	41160	86 KB TR 09 MVX	41168	15	44	18	23

## Non-valved, straight through plugs

Connection	Part-no.	Ident-no.	SW	L	D	LI
male thread, brass	1/8"	86 SF AK 10 MXX	40576	11	24	9
	1/4"	86 SF AK 13 MXX	40581	14	27	12
	3/8"	86 SF AK 17 MXX	40582	17	27	12
female thread, steel, nickel plated	1/8"	86 SF IW 10 SXN	53523	14	22	7
	1/4"	86 SF IW 13 SXN	40729	17	24	9
	3/8"	86 SF IW 17 SXN	40730	19	24	9

### Valved, shut-off plug

Connection	Part-no.	Ident-no.	SW	L	D	L1
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male thread, brass	1/4"	86 SBAK 13 MVX	40731	14	29	14
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### Non valved, extension plug

Connection	Part-no.	Ident-no.	SW	L	D	L1
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male thread, brass	5 cm	86 VN XX 05 MXX	13193	11	50	
	10 cm	86 VN XX 10 MXX	36430	11	100	
	15 cm	86 VN XX 15 MXX	13195	11	150	
	20 cm	86 VN XX 20 MXX	13196	11	200	

### Replacement bodyseals

Connection	Part-no.	Ident-no.	SW	L	D	L1
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Viton	DIA 10.0X04.5V	35385				
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