SCP

3/4-16 UNF • 7/8-14 UNF • 1-1/16-12 UN • M20x1.5 • M27x2



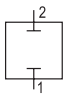
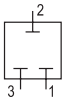
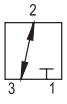
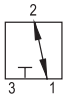
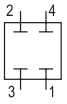
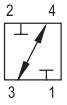
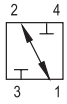
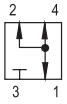
Technical Features

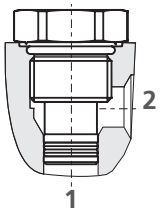
- Seal all access to the cavities
- Axial bore in all cavity plugs for optional radial ports connection
- Identical sealings as valves
- In the standard version, the plug is zinc-coated for 240 h protection acc. to ISO 9227

Technical Data

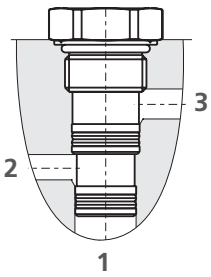
Fluid temperature range (NBR)	°C (°F)	-30...+100 (-22 ...+212)
Fluid temperature range (FPM)	°C (°F)	-20 ... +120 (-4 ... 248)

Available plugs

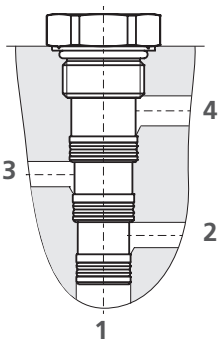
	2-way Cavity	3-way Cavity			4-way Cavity			
Design type	*/XX*	*/XXX*	*/XOO*	*/OOX*	*/XXXX*	*/XXOO*	*/OOXX*	*/OOXO*
Symbol								



Ordering Code	Ordering No.
SCP-A2/XX-A	15960800
SCP-A2/XX-B	40530700
SCP-B2/XX-A	19356300
SCP-C2/XX-A	41152200



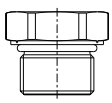
Ordering Code	Ordering No.
SCP-A3/XXX-A	22751900
SCP-A3/XOO-A	28962000
SCP-A3/OOX-A	29645500
SCP-B3/XXX-A	19356900
SCP-B3/OOX-A	34498000
SCP-BP3/OOX-A	41965200
SCP-Q3/XXX-A	28497500
SCP-QM3/XXX-A	24493100
SCP-QE3/XXXV-A	19434000



Ordering Code	Ordering No.
SCP-A4/XXXX-A	22752000
SCP-B4/XXXX-A	19357300
SCP-B4/OOXO-A	42211400
SCP-B4/XXOO-A	28487300

Other plugs - all ports connected

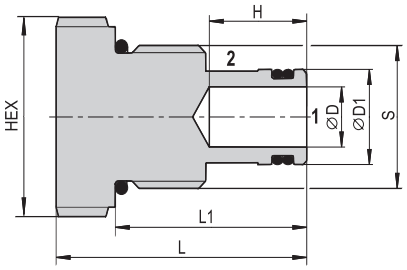
Design type	*/OOOO*
Symbol	  



Ordering Code	Ordering No.
SCP-A2,A3,A4/OOOO-B	33871800
SCP-B2,B3,B4/OOOO-B	33203100
SCP-C2,C3,C4/OOOO-B	42388500
SCP-K2,K3,K4/OOOOV-A	40250500

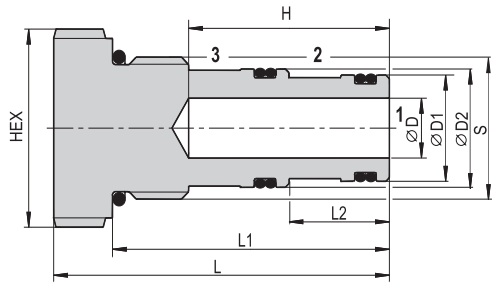
Dimensions in millimeters (inches)

2-way Cavity



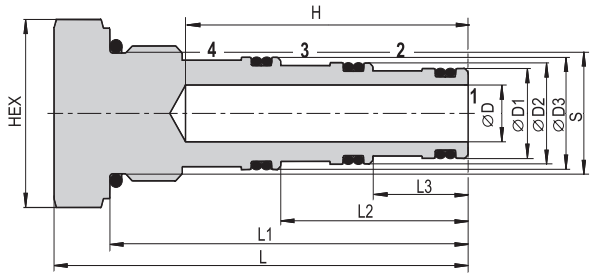
S	3/4-16 UNF	7/8-14 UNF	1-1/16-12 UN
	A2	B2	C2
HEX	24 (0.95)	27 (1.06)	30 (1.18)
L	36 (1.42)	43 (1.69)	57 (2.24)
L1	27.5 (1.08)	33 (1.30)	45 (1.77)
Ø D	8 (0.32)	10 (0.39)	-
Ø D1	12.7 (0.50)	15.8 (0.62)	22.17(0.87)
H	14 (0.55)	19 (0.75)	-

3-way Cavity



S	3/4-16 UNF	7/8-14 UNF	1 1/16-12 UN	M20x1.5	M27x2	M27x2
	A3	B3	C3	QE3	QM3	K3
HEX	24 (0.95)	27 (1.06)	30 (1.18)	24 (0.95)	32 (1.26)	32 (1.26)
L	48.5 (1.91)	57 (2.24)	83 (3.27)	55 (2.17)	63 (2.48)	82 (3.23)
L1	40 (1.58)	47 (1.85)	71 (2.80)	45 (1.77)	51 (2.01)	70 (2.76)
L2	14.5 (0.57)	16.5 (0.65)	31(1.22)	16 (0.63)	21 (0.83)	24.5 (0.96)
Ø D	8 (0.32)	10 (0.39)	10 (0.39)	10 (0.39)	12 (0.47)	12 (0.47)
Ø D1	14.2 (0.56)	15.8 (0.62)	22.2 (0.87)	15.4 (0.61)	21.0 (0.83)	21.0 (0.83)
Ø D2	15.8 (0.62)	17.4 (0.69)	23.7 (0.94)	16.9 (0.67)	23.0 (0.91)	23.0 (0.91)
H	29 (1.14)	33 (1.30)	50 (1.97)	32 (1.26)	36 (1.42)	55 (2.17)

4-way Cavity



S	3/4-16 UNF	7/8-14 UNF
	A4	B4
HEX	24 (0.95)	27 (1.06)
L	63 (2.48)	70.5 (2.78)
L1	54.5 (2.15)	60.5 (2.38)
L2	28.5 (1.12)	31 (1.22)
L3	14.5 (0.57)	15 (0.59)
Ø D	8 (0.32)	10 (0.39)
Ø D1	12.7 (0.50)	15.8 (0.62)
Ø D2	14.2 (0.56)	17.4 (0.69)
Ø D3	15.8 (0.62)	19 (0.75)
H	43 (1.69)	46 (1.81)

Ordering Code

SCP - ☐ / ☐ ☐ - ☐

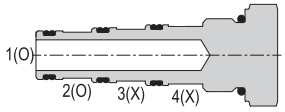
Standard cavity plugs

Thread size	Valve version	
Two-way cavities		
3/4-16 UNF-2A	SD*, SC*,SR*, SF*, ST*	**A2**
7/8-14 UNF-2A	SD*, SC*,SR*, SF*, ST*	**B2**
1-1/16-12 UN-A	SD2E-C2, SC1F-C2	**C2**
M27x2	SF2C2A-K2/I	**K2**
Three-way		
3/4-16 UNF-2A	SD*, SC*, SP*	**A3**
7/8-14 UNF-2A	SD*, SC*, SF*	**B3**
7/8-14 UNF-2A	SC5H*, SO5A*, SOB5A*	**BP3**
1-1/16-12 UN-A	SF32P*	**C3**
M20x1.5	PVRM1-063, TV2-063	**QE3**
M20x1.5	SO5A, SCC5H, SC5H-Q3	**Q3**
M27x2	TV2-10X	**QM3**
M27x2	VRN2-10, SF32A-K3/I	**K3**
Four-way		
3/4-16 UNF-2A	SD*	**A4**
7/8-14 UNF-2A	SD*	**B4**

Surface treatment
- **A** zinc-coated (ZnCr-3), ISO 9227 (240 h)
- **B** zinc-coated (ZnNi), ISO 9227 (520 h)

Seals
- **No designation** NBR
- **V** FPM (Viton)

Design type (X=blocked, O=open)



O O X X

- port 4 (closed)
- port 3 (closed)
- port 2 (open)
- port 1 (open)

Not all combination of features are available as actual Products. The standard versions are listed on page 1. For the identification and feasibility of other plug versions consult our sales department.