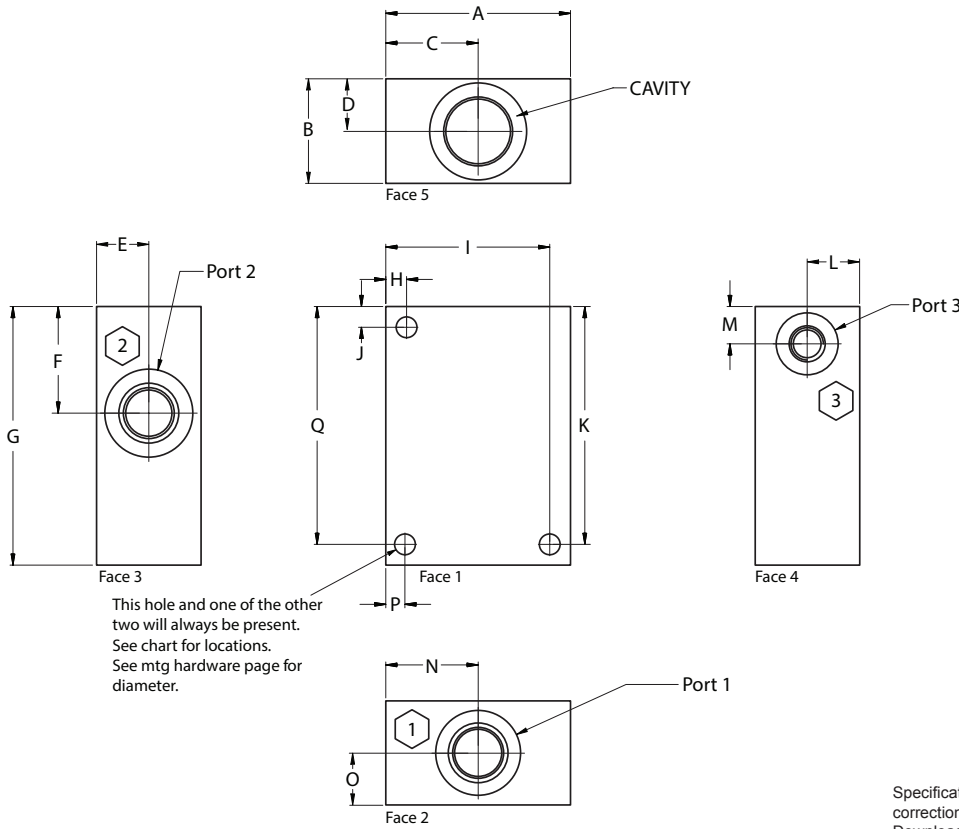


Common Cavity Bodies - Aluminum & Ductile Iron



This hole and one of the other two will always be present. See chart for locations. See mtg hardware page for diameter.

Mounting hardware for common cavity bodies (Aluminum or Ductile) is available on page 197.16.

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Ordering Information

For **coating options** see pages 245-246.

Material	Common Cavity Size	Product Type	Port Size	Port Threads
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For common cavity bodies with gauge port options, see pp. 197.13-197.14.

Material	
A	Aluminum - 6061-T6 3000† psi • 20.7 MPa
D	Ductile Iron - D4512 5000† psi • 34.5 MPa

† Working pressure should be considered in accordance with ISO 4413 to determine appropriate material type.

Common Cavity Size	
C082	C-08-2
C083	C-08-3
C102	C-10-2
C103	C-10-3
C162	C-16-2
C163	C-16-3

Product Type	
CB	Cavity Bodies

Size of Port 1 & 2	
4	1/4 inch (-4) Hose/Fitting size (M) port threads = M10 x 1.0
6	3/8 inch (-6) Hose/Fitting size (M) port threads = M14 x 1.5
8	1/2 inch (-8) Hose/Fitting size (M) port threads = M18 x 1.5
10*	5/8 inch (-10) Hose/Fitting size (M) port threads = M22 x 2.0
12	3/4 inch (-12) Hose/Fitting size (M) port threads = M27 x 2.0
16	1 inch (-16) Hose/Fitting size (M) port threads = M33 x 2.0

*10 size only available with SAE (S) or Metric (M).

Consult chart for port size availability with each cavity size, and for additional port sizes.

Port Threads	
P	NPTF ANSI B1.20.3
S	SAE ISO 11926; SAE 1926
B	BSPP ISO 1179
M	ISO ISO 6149
T	BSPT ISO 7



Common Cavity Bodies - Aluminum & Ductile Iron

Part Number	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	Port 1	Port 2	Port 3	Port 4
C082CB4	2.25	1.50	1.13	0.75	0.75	0.58	2.00	-	1.97	-	1.72	-	-	1.13	0.75	0.28	1.72	1/4	1/4	-	-
C082CB6	2.50	1.50	1.25	0.75	0.75	0.58	2.00	-	2.22	-	1.72	-	-	1.25	0.75	0.28	1.72	3/8	3/8	-	-
C082CB8	3.00	1.50	1.50	0.75	0.75	0.62	2.25	-	2.72	-	1.97	-	-	1.50	0.75	0.28	1.97	1/2	1/2	-	-
*C082CB10(S,M)	3.00	1.50	1.75	0.75	0.75	0.70	2.50	-	2.72	-	2.22	-	-	1.75	0.75	0.28	2.22	-10/M22	-10/M22	-	-
C082CB12	3.13	2.00	1.75	1.00	1.00	0.82	2.50	-	2.84	-	2.22	-	-	1.75	1.00	0.28	2.22	3/4	3/4	-	-
C082CB16	3.50	2.00	1.75	1.00	1.00	0.97	2.75	-	3.22	-	2.47	-	-	1.75	1.00	0.28	2.47	1	1	-	-
C083CB4	2.50	1.50	1.25	0.75	0.75	1.14	2.75	-	2.22	-	2.47	0.75	0.58	1.25	0.75	0.28	2.47	1/4	1/4	1/4	-
C083CB6	3.00	1.50	1.50	0.75	0.75	1.14	2.75	-	2.72	-	2.47	0.75	0.58	1.50	0.75	0.28	2.47	3/8	3/8	3/8	-
C083CB8	3.00	1.50	1.50	0.75	0.75	1.14	3.00	-	2.72	-	2.72	0.75	0.58	1.50	0.75	0.28	2.72	1/2	1/2	1/4	-
*C083CB10(S,M)	3.00	1.50	1.50	0.75	0.75	1.14	3.00	-	2.72	-	2.72	0.75	0.58	1.50	0.75	0.28	2.72	-10/M22	-10/M22	-6/M10	-
C083CB12	3.00	2.00	1.63	1.00	1.00	1.14	3.00	-	2.72	-	2.72	1.00	0.58	1.63	1.00	0.28	2.72	3/4	3/4	1/4	-
C083CB16	3.50	2.00	1.75	1.00	1.00	1.14	3.25	-	3.22	-	2.97	1.00	0.58	1.75	1.00	0.28	2.97	1	1	1/4	-
C102CB4	2.38	1.50	1.38	0.75	0.75	0.73	2.50	-	2.09	-	2.22	-	-	1.38	0.75	0.28	2.22	1/4	1/4	-	-
C102CB6	2.50	1.50	1.38	0.75	0.75	0.73	2.50	-	2.22	-	2.22	-	-	1.38	0.75	0.28	2.22	3/8	3/8	-	-
C102CB8	2.75	1.50	1.50	0.75	0.75	0.73	2.50	-	2.47	-	2.22	-	-	1.50	0.75	0.28	2.22	1/2	1/2	-	-
*C102CB10(S,M)	3.00	1.50	1.63	0.75	0.75	0.82	3.00	-	2.72	-	2.72	-	-	1.63	0.75	0.28	2.72	-10/M22	-10/M22	-	-
C102CB12	3.00	2.00	1.75	1.00	1.00	0.84	3.00	-	2.72	-	2.72	-	-	1.75	1.00	0.28	2.72	3/4	3/4	-	-
C102CB16	3.50	2.00	2.00	1.00	1.00	1.00	3.00	-	3.22	-	2.72	-	-	2.00	1.00	0.28	2.72	1	1	-	-
C103CB4	2.50	1.50	1.25	0.75	0.75	1.37	3.00	-	2.22	-	2.72	0.75	0.75	1.25	0.75	0.28	2.72	1/4	1/4	1/4	-
C103CB6	3.00	1.50	1.50	0.75	0.75	1.37	3.00	-	2.72	-	2.72	0.75	0.75	1.50	0.75	0.28	2.72	3/8	3/8	1/4	-
C103CB8	3.00	1.50	1.50	0.75	0.75	1.37	3.25	-	2.72	-	2.97	0.75	0.75	1.50	0.75	0.28	2.97	1/2	1/2	1/4	-
*C103CB10(S,M)	3.50	1.50	1.75	0.75	0.75	1.37	3.25	-	3.22	-	2.97	0.75	0.75	1.75	0.75	0.28	2.97	-10/M22	-10/M22	-6/M10	-
C103CB12	3.50	2.00	1.75	1.00	1.00	1.37	3.25	-	3.22	-	2.97	1.00	0.75	1.75	1.00	0.28	2.97	3/4	3/4	1/4	-
C103CB16	3.50	2.00	2.00	1.00	1.00	1.37	3.50	-	3.22	-	3.22	1.00	0.75	2.00	1.00	0.28	3.22	1	1	1/4	-
C162CB4	3.00	2.00	1.50	1.00	1.00	1.00	3.00	-	2.66	-	2.66	-	-	1.50	1.00	0.34	2.66	1/4	1/4	-	-
C162CB6	3.00	2.00	1.50	1.00	1.00	1.00	3.00	-	2.66	-	2.66	-	-	1.50	1.00	0.34	2.66	3/8	3/8	-	-
C162CB8	3.25	2.00	1.75	1.00	1.00	1.00	3.00	-	2.91	-	2.66	-	-	1.75	1.00	0.34	2.66	1/2	1/2	-	-
*C162CB10(S,M)	3.25	2.00	1.75	1.00	1.00	1.00	3.00	-	2.91	-	2.66	-	-	1.75	1.00	0.34	2.66	-10/M22	-10/M22	-	-
C162CB12	3.25	2.00	1.75	1.00	1.00	1.00	3.00	-	2.91	-	2.66	-	-	1.75	1.00	0.34	2.66	3/4	3/4	-	-
C162CB16	3.50	2.00	2.00	1.00	1.00	1.00	3.50	-	3.16	-	3.16	-	-	2.00	1.00	0.34	3.16	1	1	-	-
C163CB4	3.00	2.00	1.50	1.00	1.00	2.12	4.00	-	2.66	-	3.66	1.00	1.00	1.50	1.00	0.34	3.66	1/4	1/4	1/4	-
C163CB6	3.00	2.00	1.50	1.00	1.00	2.12	4.25	-	2.66	-	3.91	1.00	1.00	1.50	1.00	0.34	3.91	3/8	3/8	3/8	-
C163CB8	3.00	2.00	1.50	1.00	1.00	2.12	4.25	-	2.66	-	3.91	1.00	1.00	1.50	1.00	0.34	3.91	1/2	1/2	1/2	-
*C163CB10(S,M)	3.00	2.00	1.50	1.00	1.00	2.12	4.50	-	2.66	-	4.16	1.00	1.00	1.50	1.00	0.34	4.16	-10/M22	-10/M22	-8/M18	-
C163CB12	3.50	2.00	1.75	1.00	1.00	2.12	4.50	-	3.16	-	4.16	1.00	1.00	1.75	1.00	0.34	4.16	3/4	3/4	1/2	-
C163CB16	3.50	2.00	1.88	1.00	1.00	2.12	4.50	-	3.16	-	4.16	1.00	1.00	1.88	1.00	0.34	4.16	1	1	1/2	-

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