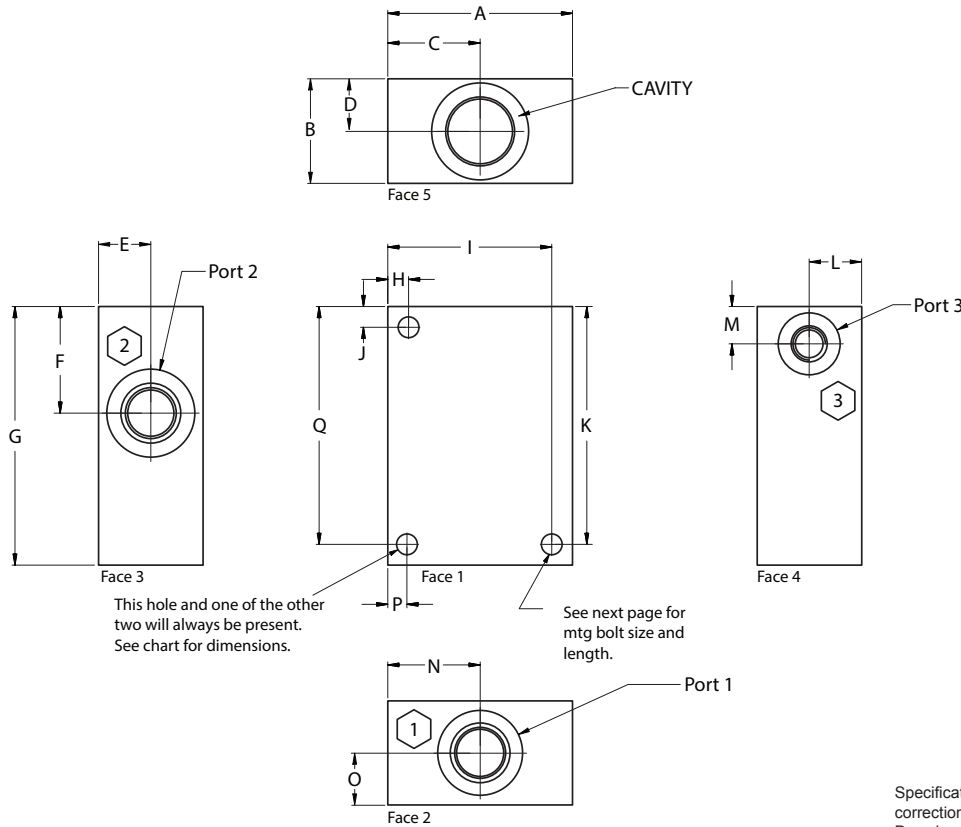


# Common Cavity Bodies - Aluminum & Ductile Iron



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## Ordering Information

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

Material	Common Cavity Size	Product Type	Port Size	Port Threads	/	Options
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Material	
<b>A</b>	Aluminum - 6061-T6 3000† psi • 20.7 MPa
<b>D</b>	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	
<b>C082</b>	C-08-2
<b>C083</b>	C-08-3
<b>C102</b>	C-10-2
<b>C103</b>	C-10-3
<b>C162</b>	C-16-2
<b>C163</b>	C-16-3

Product Type	
<b>CB</b>	Cavity Bodies

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

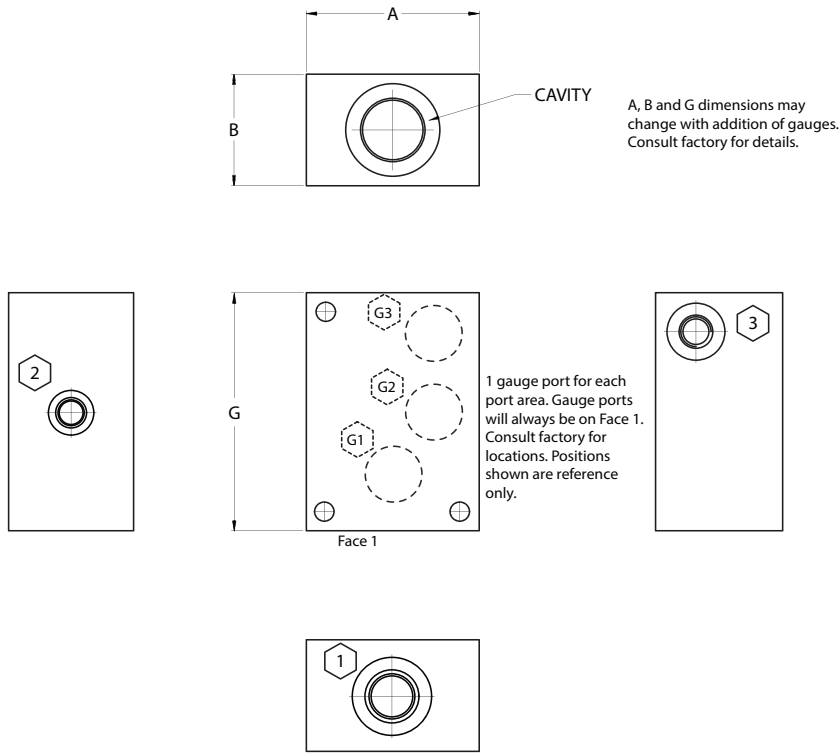
\*10 size only available with SAE (S) or Metric (M).

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

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

Options	
See next page for available options and ordering codes.	

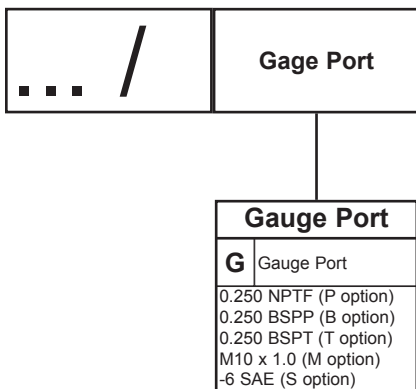
# Options - Common Cavity Bodies - Alum. & Duct. Iron



## Mounting bolt size / length

0.250-20 THD	Len.	0.312-18 THD	Len.
*C082CB4[P,S]	2.00	*C162CB4[P,S]	2.50
*C082CB6[P,S]	2.00	*C162CB6[P,S]	2.50
*C082CB8[P,S]	2.00	*C162CB8[P,S]	2.50
*C082CB10[S]	2.00	*C162CB10[S]	2.50
*C082CB12[P,S]	2.50	*C162CB12[P,S]	2.50
*C082CB16[P,S]	2.50	*C162CB16[P,S]	2.50
*C083CB4[P,S]	2.00	*C163CB4[P,S]	2.50
*C083CB6[P,S]	2.00	*C163CB6[P,S]	2.50
*C083CB8[P,S]	2.00	*C163CB8[P,S]	2.50
*C083CB10[S]	2.00	*C163CB10[S]	2.50
*C083CB12[P,S]	2.50	*C163CB12[P,S]	2.50
*C083CB16[P,S]	2.50	*C163CB16[P,S]	2.50
*C102CB4[P,S]	2.00		
*C102CB6[P,S]	2.00		
*C102CB8[P,S]	2.00		
*C102CB10[S]	2.00		
*C102CB12[P,S]	2.50		
*C102CB16[P,S]	2.50		
*C103CB4[P,S]	2.00		
*C103CB6[P,S]	2.00		
*C103CB8[P,S]	2.00		
*C103CB10[S]	2.00		
*C103CB12[P,S]	2.50		
*C103CB16[P,S]	2.50		
M6 THD	Len.	M8 THD	Len.
*C082CB4[B,M,T]	50	*C162CB4[B,M,T]	65
*C082CB6[B,M,T]	50	*C162CB6[B,M,T]	65
*C082CB8[B,M,T]	50	*C162CB8[B,M,T]	65
*C082CB10[M]	50	*C162CB10[M]	65
*C082CB12[B,M,T]	65	*C162CB12[B,M,T]	65
*C082CB16[B,M,T]	65	*C162CB16[B,M,T]	65
*C083CB4[B,M,T]	50	*C163CB4[B,M,T]	65
*C083CB6[B,M,T]	50	*C163CB6[B,M,T]	65
*C083CB8[B,M,T]	50	*C163CB8[B,M,T]	65
*C083CB10[M]	50	*C163CB10[M]	65
*C083CB12[B,M,T]	65	*C163CB12[B,M,T]	65
*C083CB16[B,M,T]	65	*C163CB16[B,M,T]	65
*C102CB4[B,M,T]	50		
*C102CB6[B,M,T]	50		
*C102CB8[B,M,T]	50		
*C102CB10[M]	50		
*C102CB12[B,M,T]	65		
*C102CB16[B,M,T]	65		
*C103CB4[B,M,T]	50		
*C103CB6[B,M,T]	50		
*C103CB8[B,M,T]	50		
*C103CB10[M]	50		
*C103CB12[B,M,T]	65		
*C103CB16[B,M,T]	65		

## Ordering Information



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 Header and Junction Blocks  
 Technical Information



# 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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