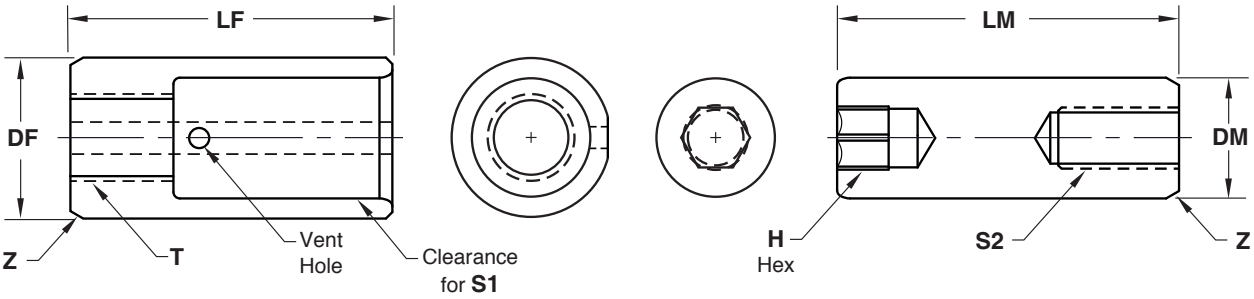
CAVITY INTERLOCKS
ROUND SERIES



Female: **M** H-13 **H** Core: 42-48 HRC, Surface: 70 HRC **S** Black Nitride
Male: **M** DC53 **H** Core: 58-62 HRC, Surface: 80 HRC **S** Titanium Nitride Coated

Inch Standard

CATALOG NUMBER	DM -.0001 -.0002	DF +.0000 -.0002	LF +.000 -.002	LM +.000 -.002	PM	E	Z	S1 SHCS SIZE	T	S2 SET SCREW SIZE	H
CRS250	.2500	.3750	.687	.812	.500	.23	.03	#6-32 x 3/8	#10-32	#6-32 x 1/2	1/8
CRS375	.3750	.5000	1.000	1.062	.625	.36	.04	#10-32 x 5/8	1/4-20	#10-32 x 5/8	3/16
CRS500	.5000	.6250	1.375	1.375	.750	.51	.04	1/4-20 x 7/8	5/16-18	1/4-20 x 3/4	3/16

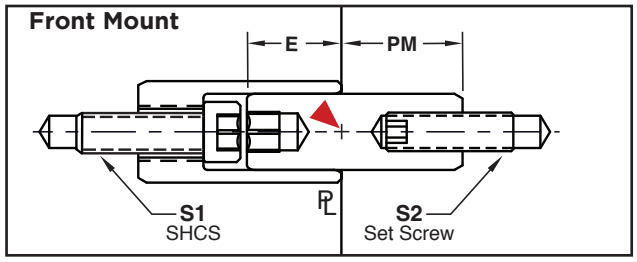
Socket Head Cap Screw & Set Screw included.

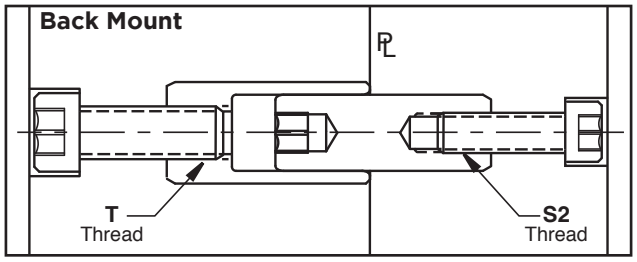
Female: **M** H-13 **H** Core: 42-48 HRC, Surface: 70 HRC **S** Black Nitride
Male: **M** DC53 **H** Core: 58-62 HRC, Surface: 80 HRC **S** Titanium Nitride Coated

Metric Standard

CATALOG NUMBER	DM -.002 -.006	DF +.000 -.005	LF +.0 -.1	LM +.0 -.1	PM	E	Z	S1 SHCS SIZE	T	S2 SET SCREW SIZE	H
CRSM06	6	8	16	18	10	6	.3	M3-0.5 x 8	M4-0.7	M4-0.7 x 12	3
CRSM08	8	12	20	24	14	8	.3	M4-0.7 x 10	M5-0.8	M5-0.8 x 16	4
CRSM10	10	14	22	26	14	10	.3	M4-0.7 x 10	M5-0.8	M6-1.0 x 16	5
CRSM12	12	16	30	32	17	13	.5	M6-1.0 x 16	M8-1.25	M6-1.0 x 16	5

Socket Head Cap Screw & Set Screw included.





APPLICATION GUIDELINES

- Interlocks Can be mounted from parting line or bolted from the back of the inserts.
- Vent hole and flat provided on female insert.
- Maximum clearance between female and male insert is .0006" / .015mm total.
- Diameter (DF & DM) Machining Tolerances: Inch: +.0002" / Metric: +.005mm
- Maximum chamfer size should be .02"/.5mm on counterbore.
- The fasteners provided are for parting line installation shown in the graphic above left. For bolting in back, select fasteners to accommodate insert thickness.
- When installing, limit torque specifications according to the chart at right.

CATALOG NUMBER	TORQUE
CRS250 CRSM06	25 IN LB
CRS375	75 IN LB
CRS500	195 IN LB
CRSM08	58 IN LB
CRSM10 CRSM12	140 IN LB

CAD insertion point

ALTERNATIVE CONFIGURATIONS AVAILABLE

- To order Shuttle Mold sets or special male/female configurations, refer to page C-11.