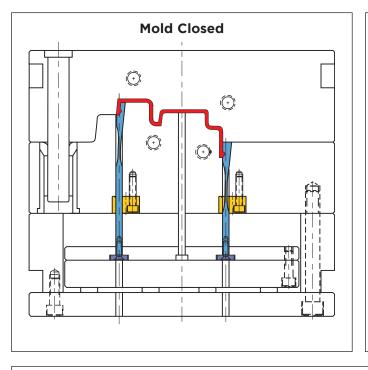
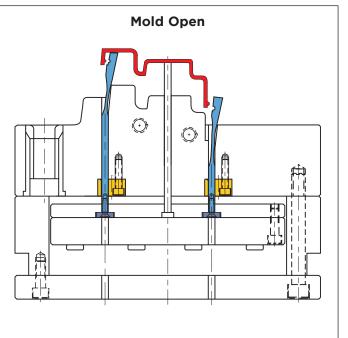
# FLEXICORE<sup>™</sup> UNDERCUT RELEASE SYSTEM

Flats prevent twisting and ensure proper alignment.

Improved materials used to increase the life of the FlexiCore during production.

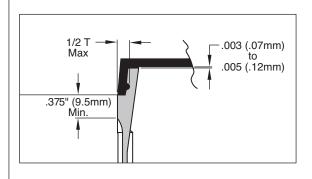
- Heel Plate is included to retain FlexiCore.





### APPLICATION GUIDELINES

- The FlexiCore diameter (D) must be within the Guide prior to ejection as shown above.
- Only surface treatments applied at low temperatures such as Electroless Nickel-based or chromium deposition treatments are permitted.
- Maximum temperature is 250°F (125°C).
- FlexiCore Assembly includes: FlexiCore, Bronze Guide (Bottom or Round), Heel Plate, and Flat Head Cap Screw.
- Please contact tech@procomps.com to review any designs if questions arise or if your application differs from the examples shown.

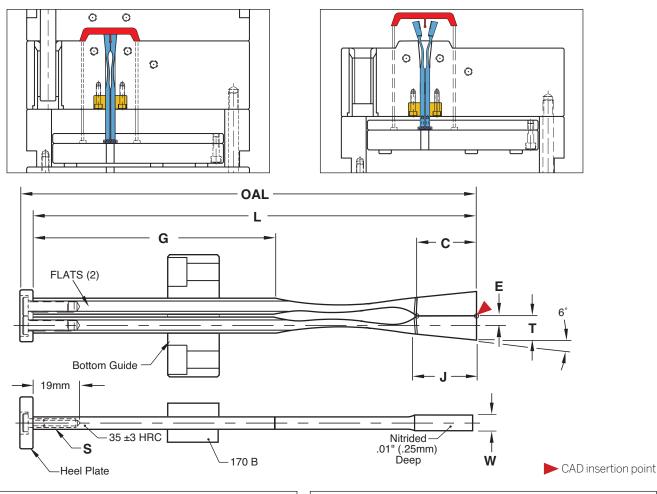




Bronze Guide is used for positional alignment and guidance during ejection. Two options available: Bottom (as shown) and Round for easy

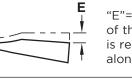
bore machining.

## FLEXICORE<sup>™</sup> DOUBLE ACTUATION



#### **APPLICATION GUIDELINES**

- The FlexiCore can be cut down and re-tapped to accommodate specific applications.
- Assemblies include two FlexiCores, one Bottom Guide, one Heel Plate, and two Low Head Cap Screws.
- Assembly components also sold individually on page H-23.



"E"= maximum travel at the top of the FlexiCore. Expected travel is reduced by the tangent of 6° along the "C" dimension.

### Inch Standard

M FlexiCore: AISI 4340 with thin, dense Chromium treatment, Guide: CA954 Solid Bronze, Heel Plate: AISI 1018

CATALOG NUMBER	<b>T</b> +.002 000	<b>W</b> +.002 000	<b>L</b> +.010 000		<b>D</b> +.000 001	<b>C</b> ±.015	E	<b>G</b> +.01 00	<b>J</b> +.01 00	S (INCLUDED-2)
FCDA35X24L6	.354	.244	6.400	6.588	.234	.875	.137	3.49	.957	#8-32 x 3/8
FCDA45X48L7	.453	.480	7.875	8.062	.312	1.000	.177	4.38	1.025	#10-24 × 1/2

#### **Metric Standard**

CATALOG NUMBER	<b>T</b> +.05 00	<b>W</b> +.05 00	<b>L</b> +.25 00		<b>D</b> +.000 025	<b>С</b> ±.035	E	<b>G</b> +.25 00	<b>)</b> +.01 00	S (INCLUDED-2)
FCDA9X6L160	9	6.2	162.5	166.5	5.94	22	3.5	88.6	24.3	M4-0.7 x 12
FCDA11X12L200	11.5	12.2	200.0	204.0	7.92	26	4.5	111.2	26.0	M5-0.8 x 14
FCDA12X14L200	12.5	14.2	200.0	204.0	7.92	30	4.5	107.2	28.5	M5-0.8 x 14
FCDA12X16L200	12.5	16.2	200.0	204.0	7.92	30	4.5	107.2	28.5	M5-0.8 x 14

