



## DME S-Core Quote Request Form

Return complete form & 3D STP Model to:

[dme\\_mech\\_eng@dme.net](mailto:dme_mech_eng@dme.net)

Please fully complete this form

|                 |           |
|-----------------|-----------|
| Contact Name:   | Date:     |
| Company Name:   | Email:    |
| Address:        | Phone:    |
| City:           | DME Acct# |
| State/Province: | Zip Code: |
|                 | Country   |

|                                                                                                  |                                                          |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Product Name:                                                                                    | 3D file name:                                            |
| Resin Type:                                                                                      | Shrinkage                                                |
| Has shrink been added to the model?                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3D model (STP) included in email? <a href="mailto:dme_mech_eng@dme.net">dme_mech_eng@dme.net</a> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| DLC coating on center guide?                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| DLC coating on all segments?                                                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Any steel safe areas (shut-off area)?                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are there steel safe areas (shut-off area) included in the data?                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are steel safe areas (shut-off area) marked on the part model?                                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Number of S-Cores required:                                                                      |                                                          |
| Notes:                                                                                           |                                                          |

- Maximum speed of the molding press for moving the collapsible core is 100mm/second. Any faster may cause damage to the collapsible core
- Folding Cores should be dismantled and cleaned as part of every tool maintenance
- Before assembly, all guide surfaces should be greased with DME Super Grease 43900
- S-Cores without DLC coating have an average lifetime of 500,000 cycles
- S-Cores with DLC coating have an average lifetime of 1,000,000 cycles

*DME Engineering to complete this portion of the form*

|                                                                                                      |                                                          |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Max ejector stroke                                                                                   | Dimensions                                               |
| Cutting surface                                                                                      | Weight                                                   |
| Length of the collapsible core without shape                                                         |                                                          |
| Minimum distance between the cavities                                                                |                                                          |
| Center Guide Material                                                                                | H13 HRC 48-52                                            |
| Segment Material                                                                                     | 420SS HRC50-54                                           |
| Holding Ring Material                                                                                | H13 HRC48-52                                             |
| Cooling hole in the center guide?                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Through-hole in center guide for top insert?<br>(only required if the inset is added to top of core) | <input type="checkbox"/> Yes <input type="checkbox"/> No |

Notes: