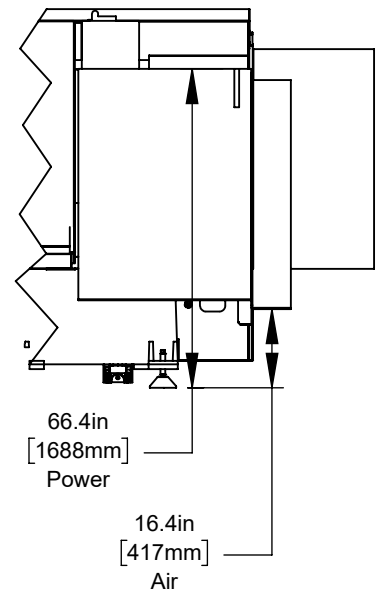
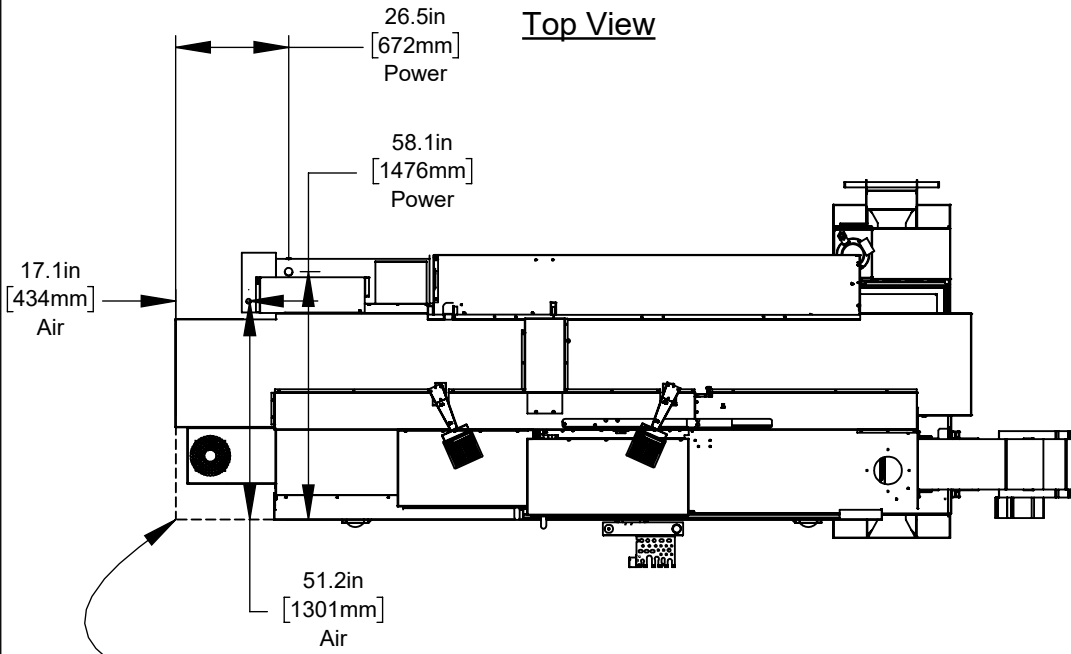


All dimensions based on stackup of sheetmetal, subject to variation of 1/2" (13 mm)
 Due to continual product improvements, machine dimensions are subject to change without notice

Air & Power

Top View

Rear View

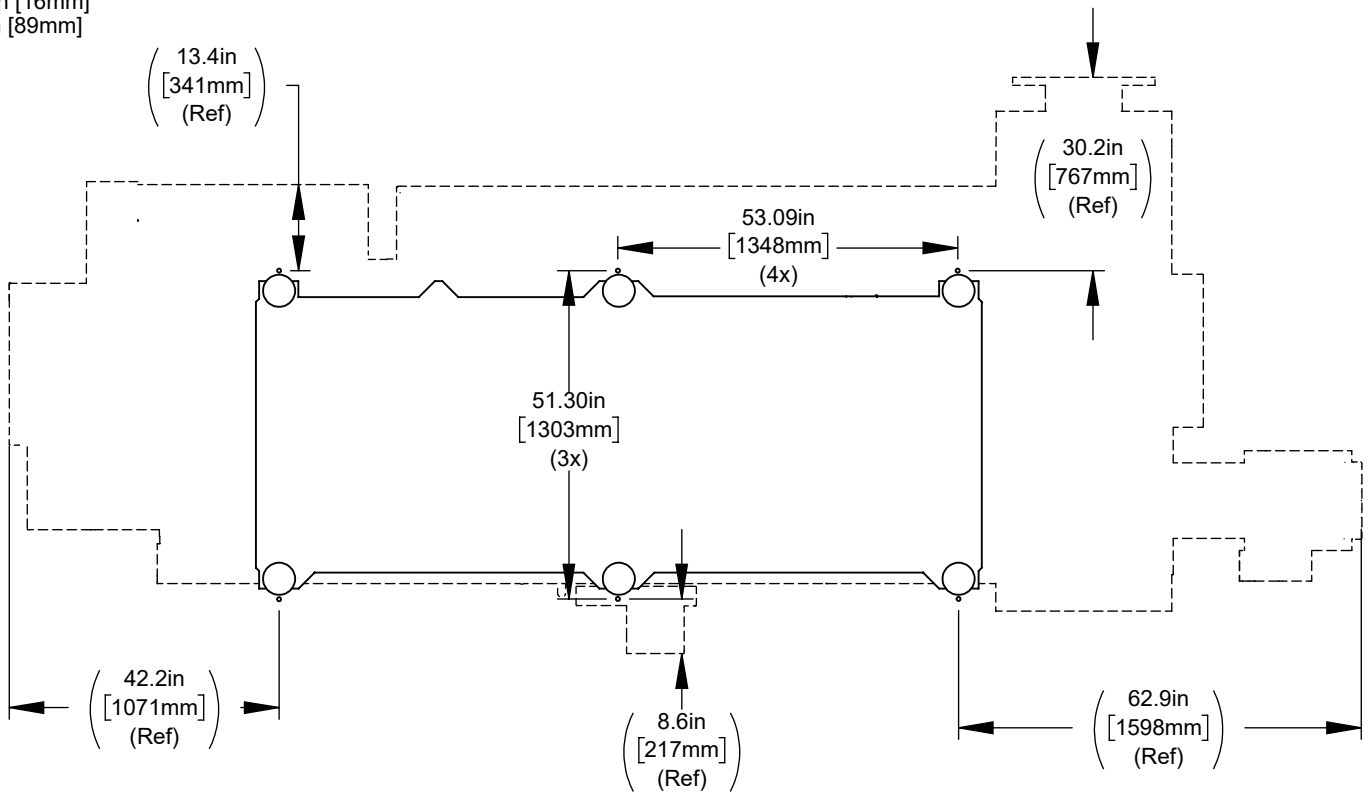


Datum is the theoretical intersection of the front sheet metal and left sheet metal panels

Anchor Hole Detail

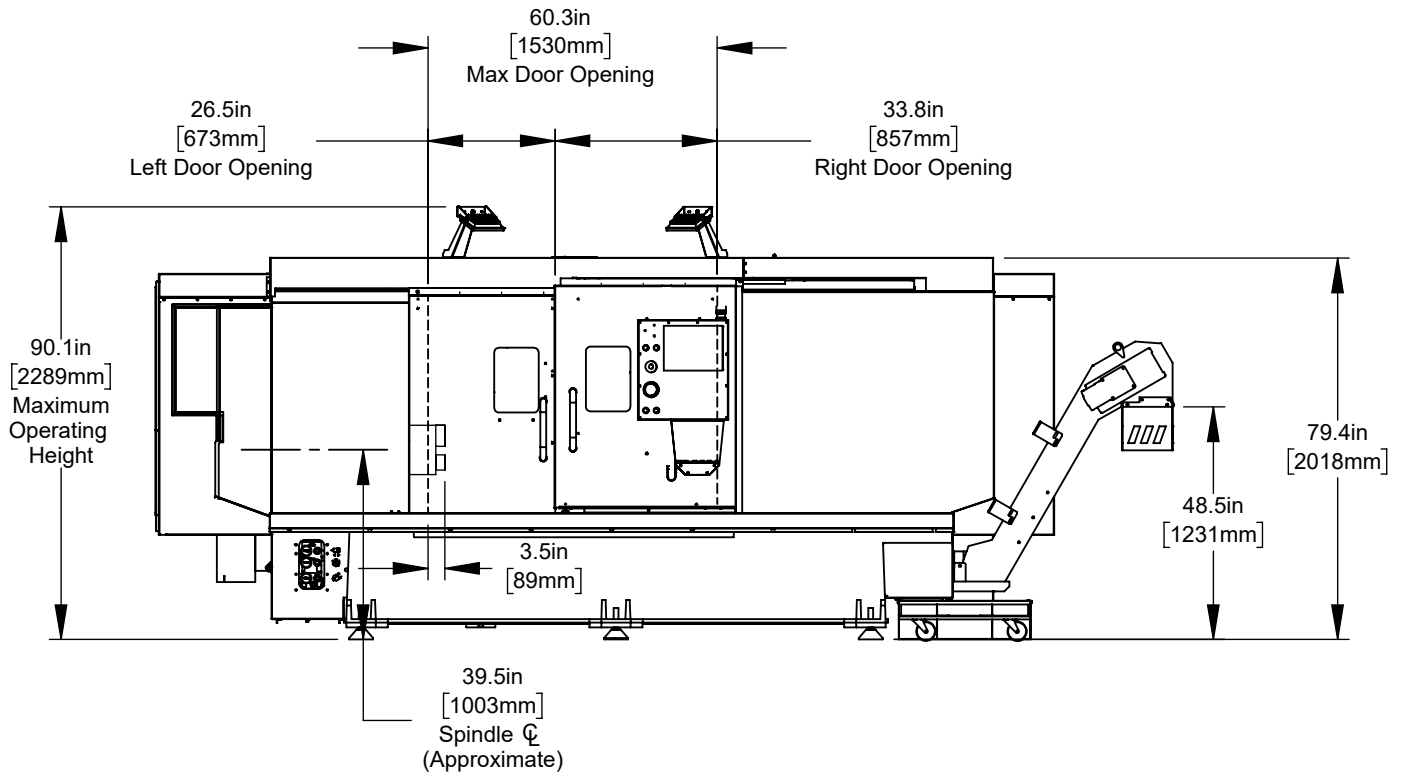
Ø.625in [16mm]
 ▽ 3.5in [89mm]

Anchor Pattern

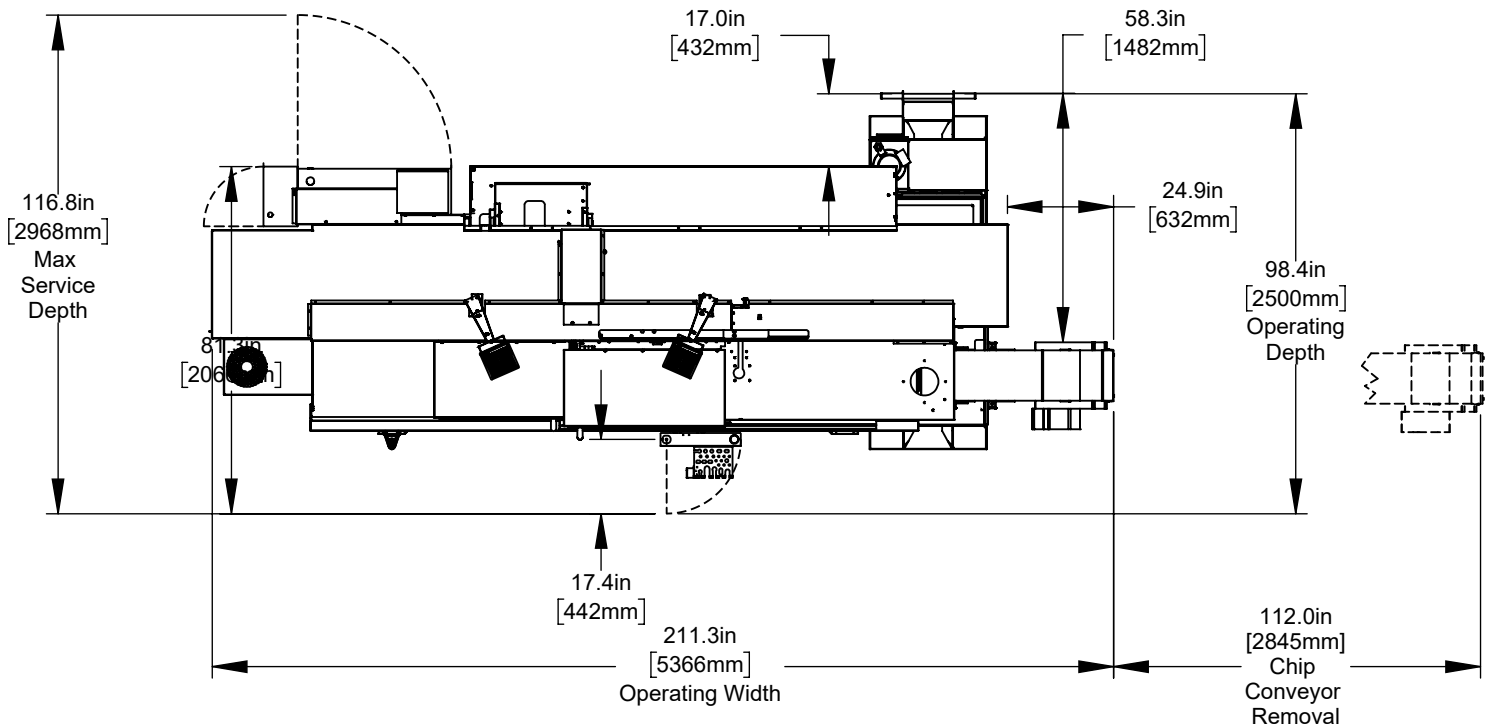


All dimensions based on stackup of sheetmetal, subject to variation of 1/2" (13 mm)
 Due to continual product improvements, machine dimensions are subject to change without notice

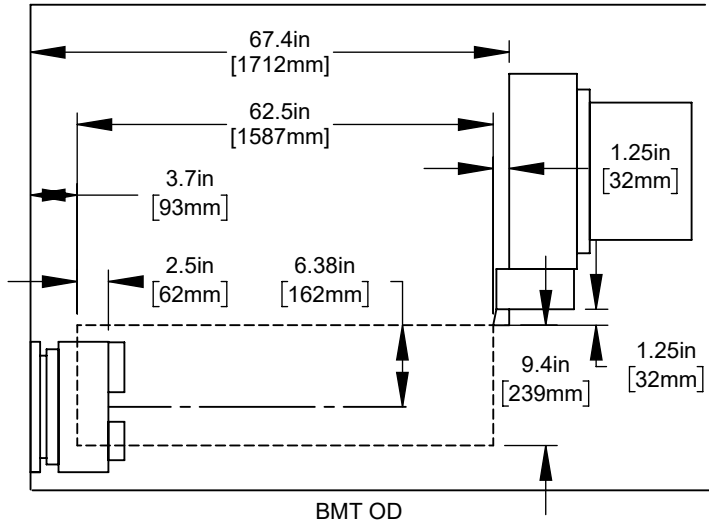
Height Breakdown



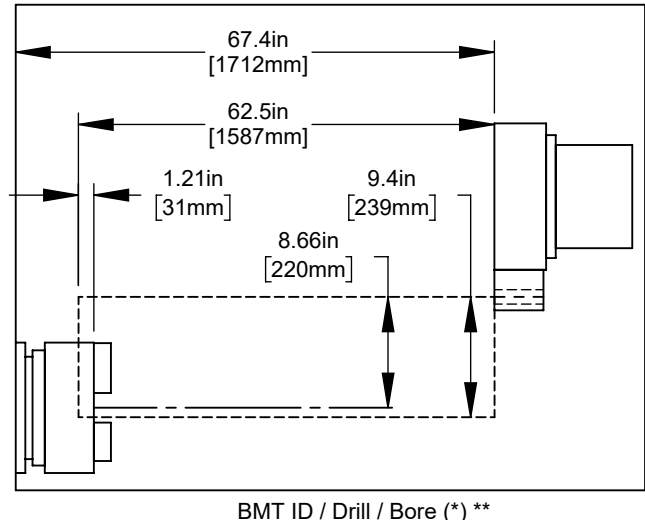
Width Breakdown



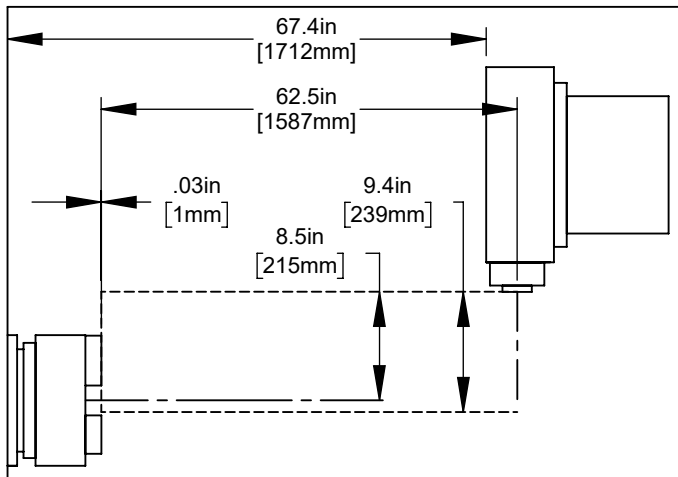
All dimensions based on stackup of sheetmetal, subject to variation of 1/2" (13 mm)
 Due to continual product improvements, machine dimensions are subject to change without notice



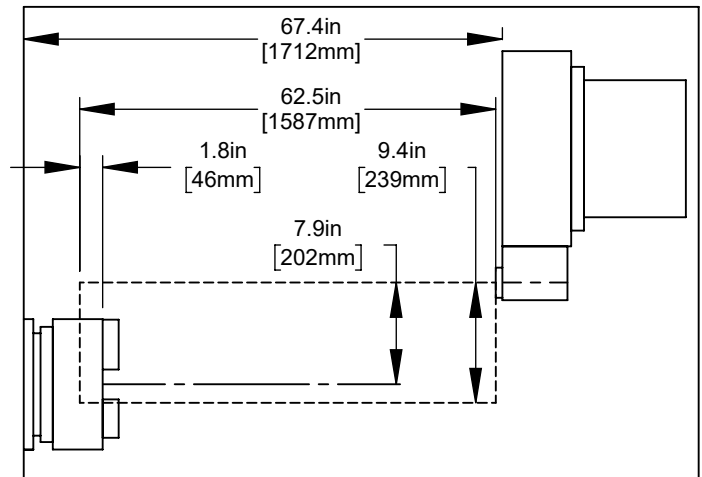
BMT OD



BMT ID / Drill / Bore (*) **

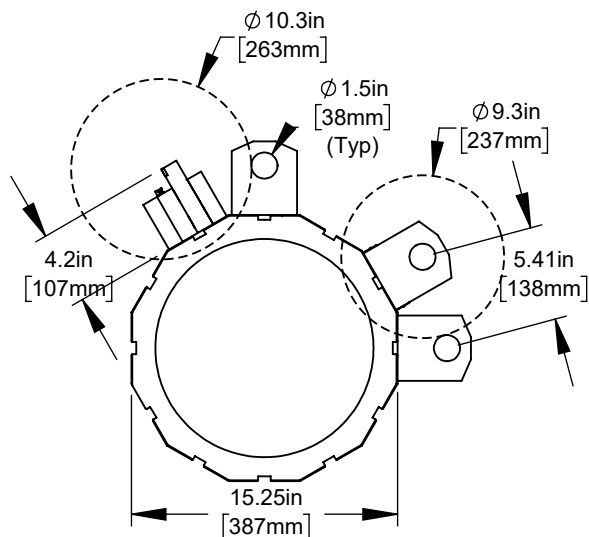


BMT Live Cross Tool *

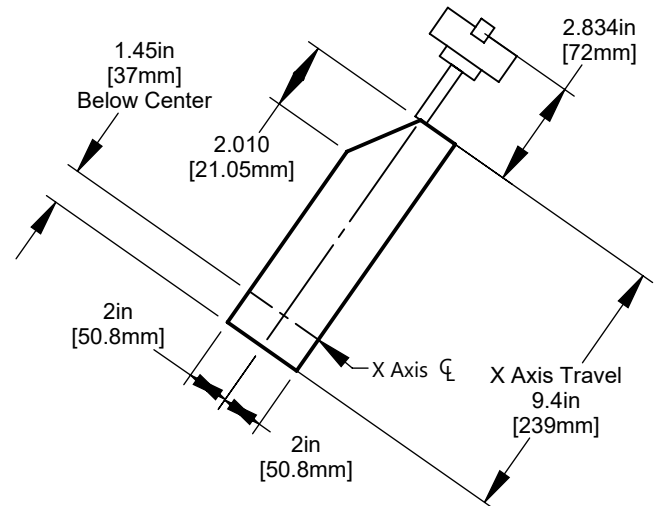


BMT Live Face Tool **

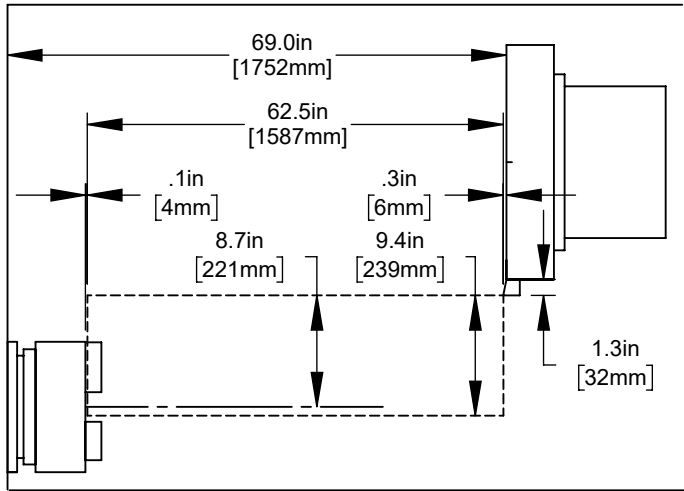
* Shift the work envelope in X by the tool protrusion length (OD) or centerline offset (ID)
 ** Shift the work envelope in Z by the tool protrusion length



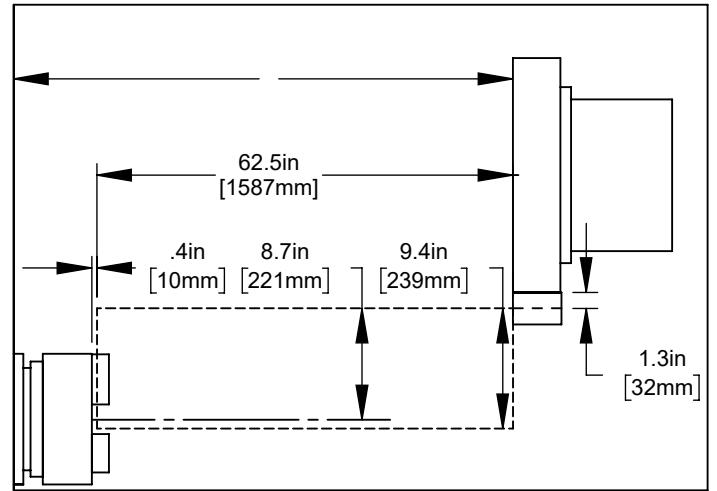
BMT65 Basic Tool Clearance
 Maximum Turret Swing $\phi 35.0in$ [889mm]



Y Axis Travel Envelope
 Same Dimensions Apply To 90° Live Face Tool



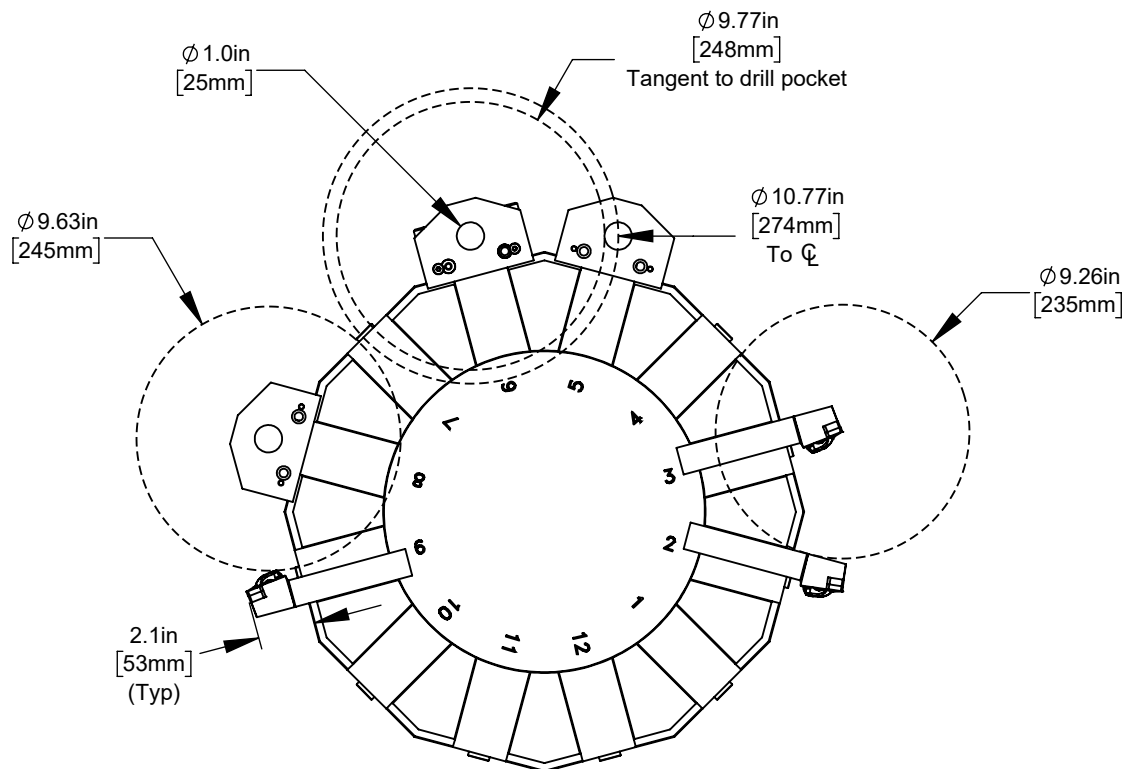
BOT OD



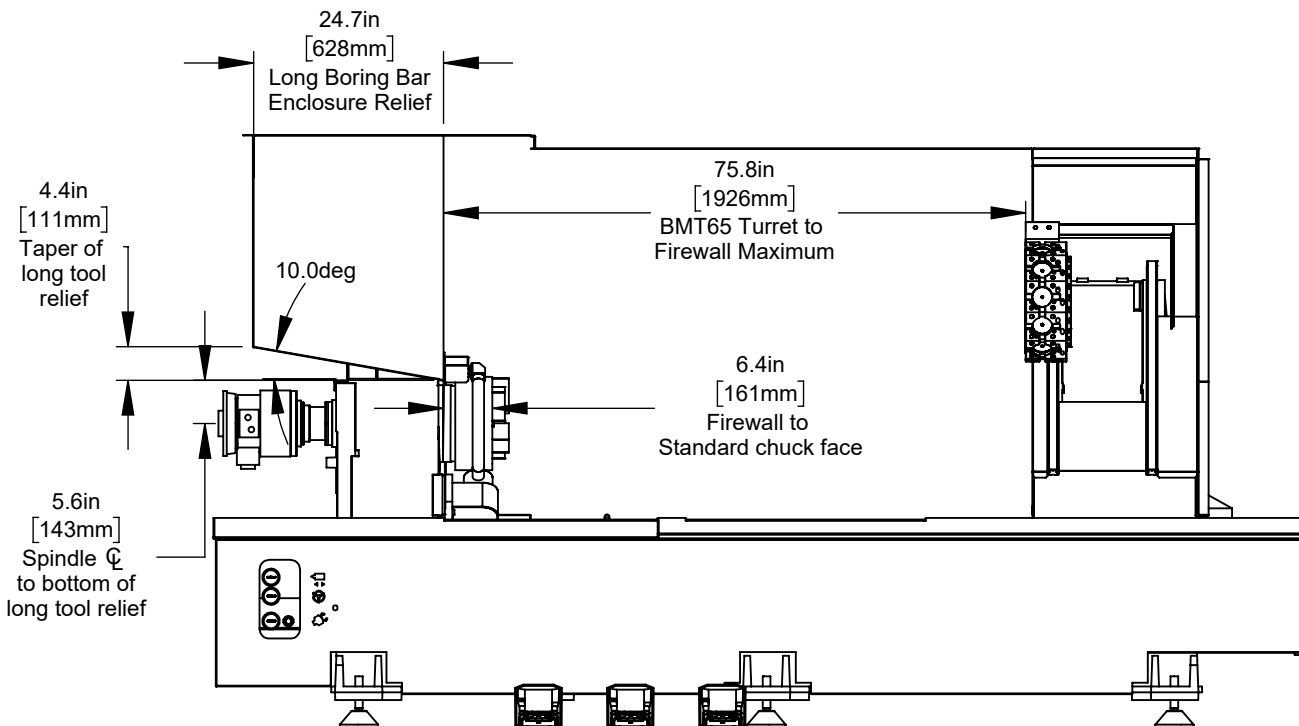
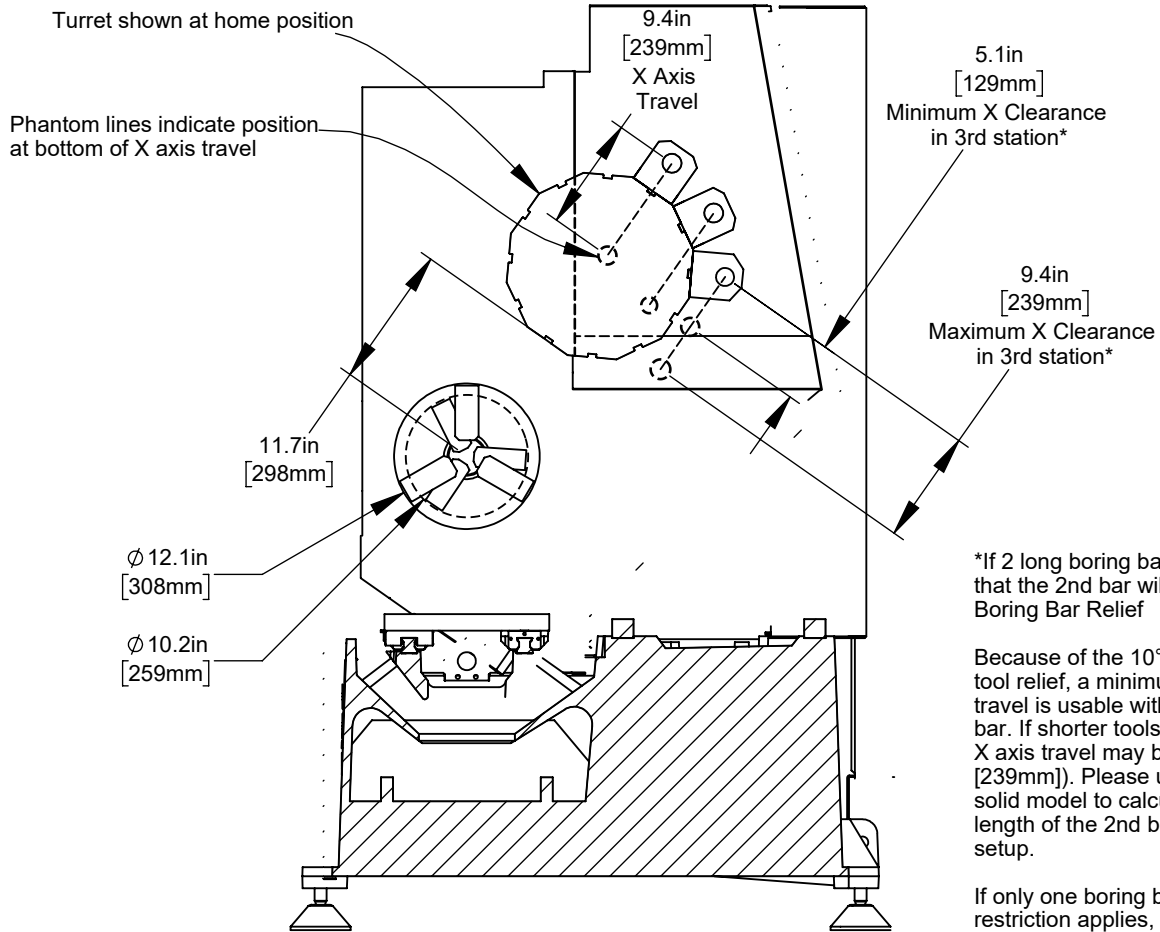
BOT ID / Drill / Bore (*) **

* Shift the work envelope in X by the tool protrusion length (OD) or centerline offset (ID)

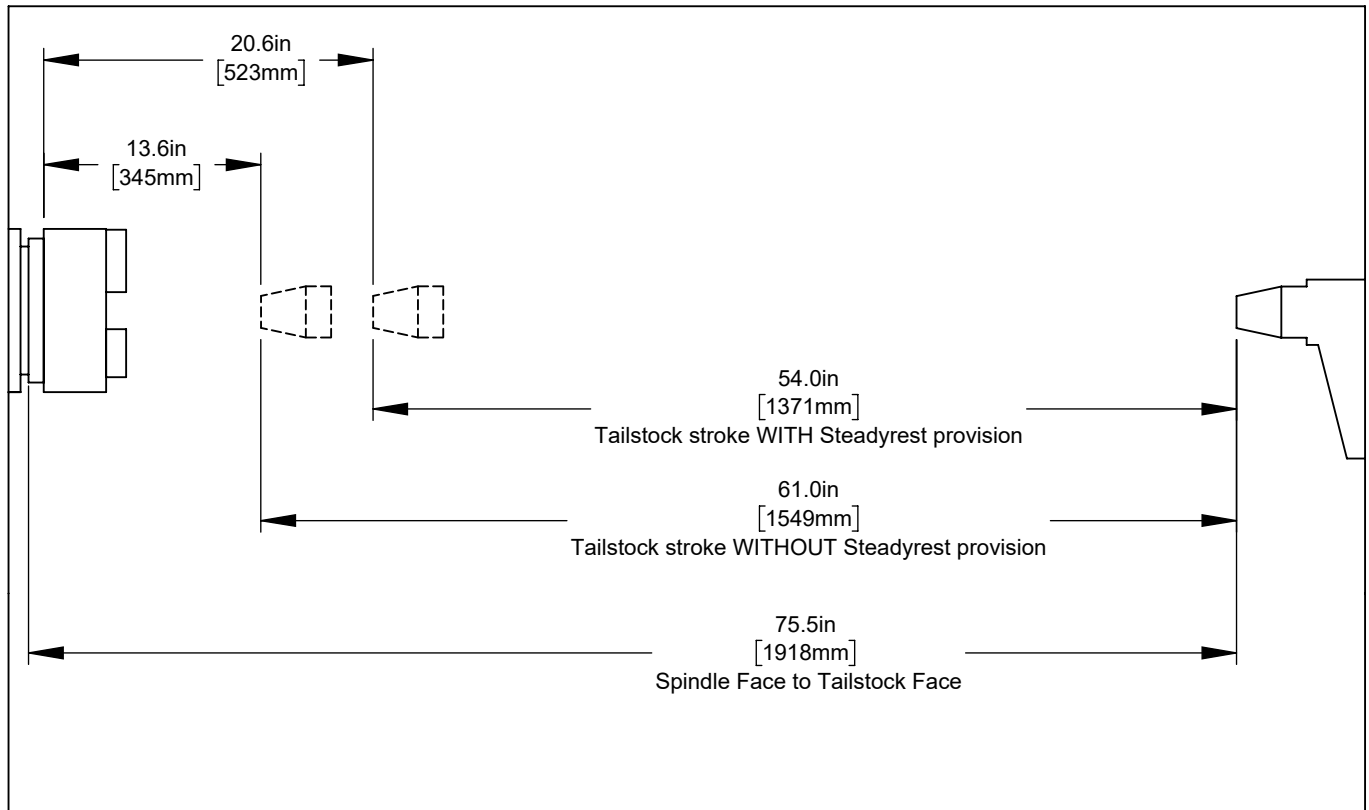
** Shift the work envelope in Z by the tool protrusion length



BOT Basic Tool Clearance
Maximum Turret Swing \varnothing 35.0in [889mm]



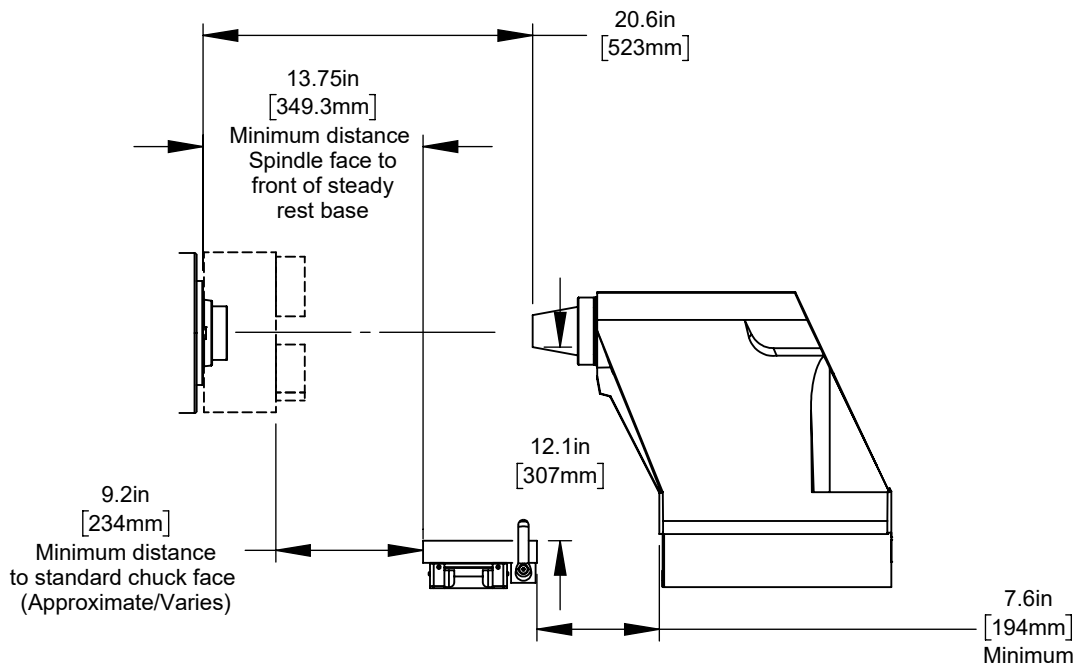
BOT Basic Tool Clearance
Maximum Turret Swing Ø 35.0in [889mm]



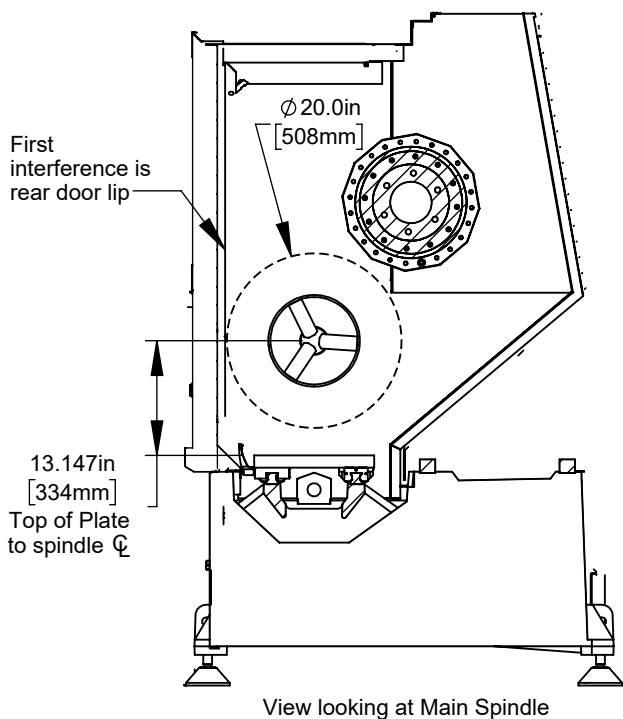
Tailstock Option

(Note - Sub Spindle is not available on the "L" version)

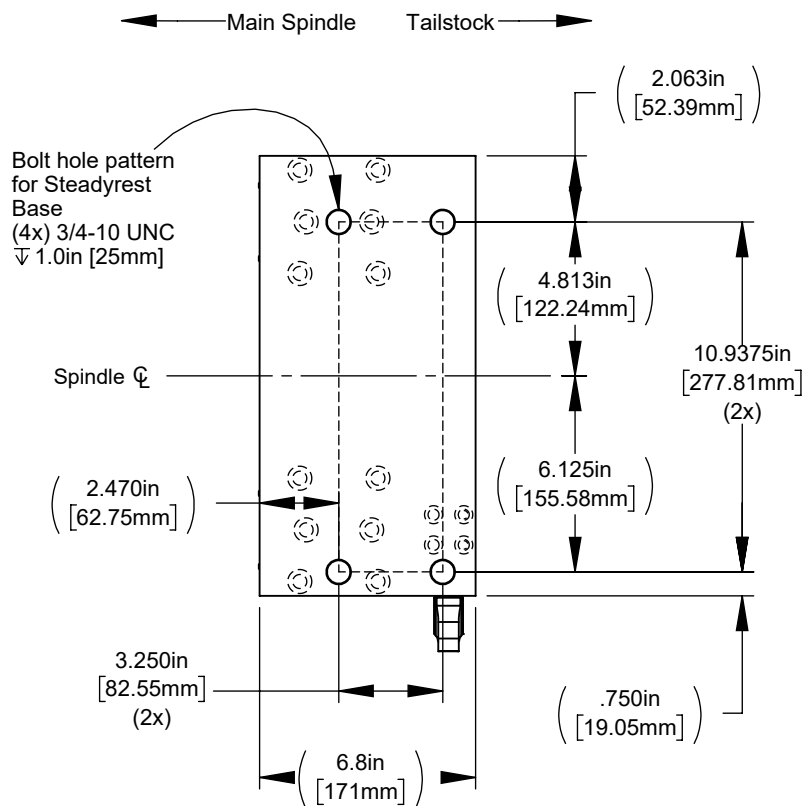
Tailstock at maximum forward travel with Steadyrest option



Spindle ϕ and Swing

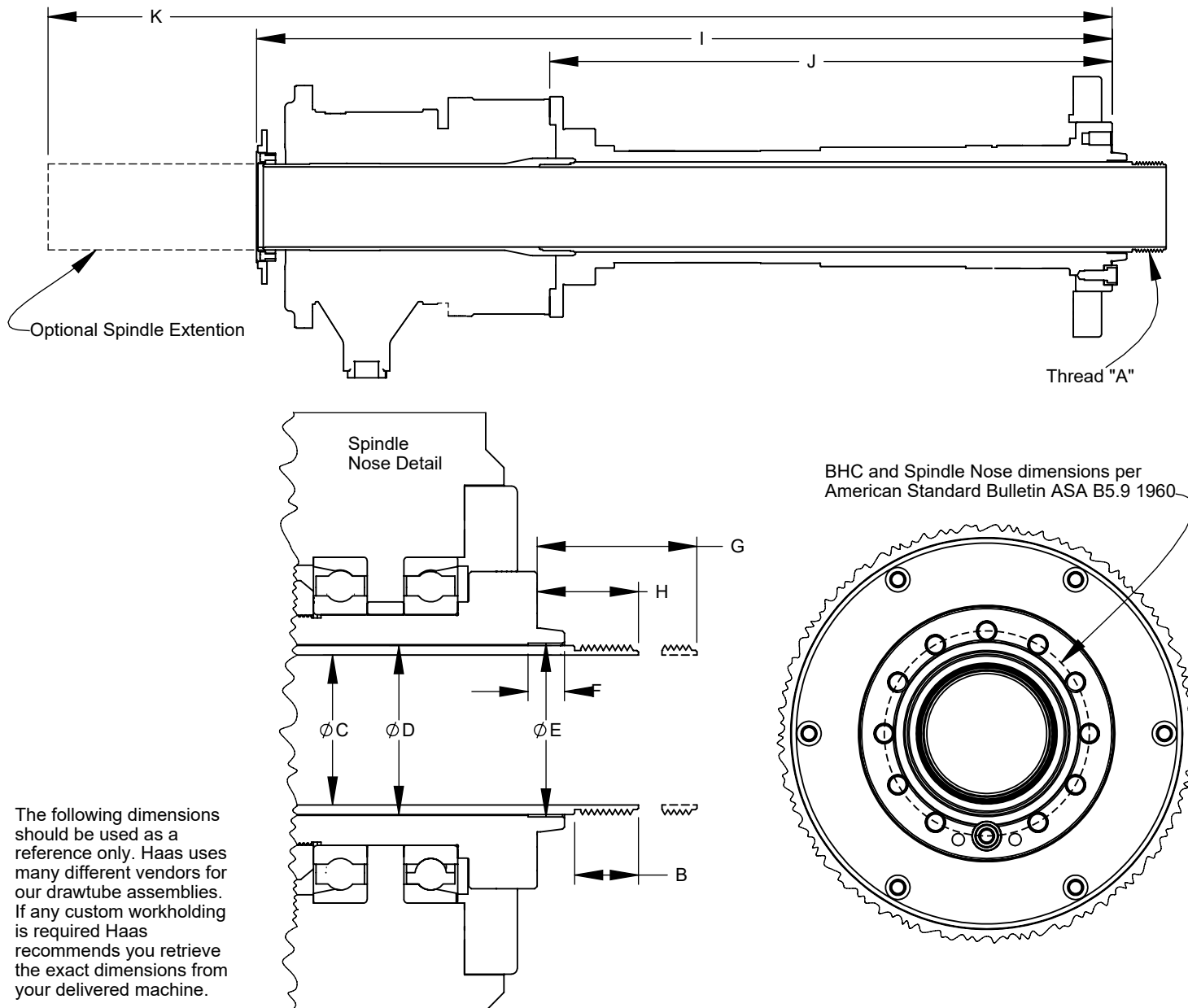


Steadyrest Base Plate Diagram



All dimensions based on stackup of sheetmetal, subject to variation of 1/2" (13 mm)
 Due to continual product improvements, machine dimensions are subject to change without notice

Note - Phantom holes cannot be used for steadyrest mounting



ST-30L/35L/Y Reboot Spindle Schematic

| DESCRIPTION | DIMENSION | ST-30/Y | | ST-35/Y | |
|-------------------------------|-----------|--------------|----------|--------------|-------------|
| | | SAE | METRIC | SAE | METRIC |
| MAIN OR SUB SPINDLE & TYPE | | Main / A2-6 | | Main / A2-8 | |
| DIAMETER OF THREAD | A | 3.346" | 85 MM | 4.527" | 115 MM |
| THREAD PITCH | A | 0.0787" | 2.0 MM | 0.0787" | 2.0 MM |
| INTERNAL OR EXTERNAL | A | External | | External | |
| LENGTH OF THREAD | B | 1.43" | 36.3 MM | 1.38" | 35MM |
| DRAWTUBE INTERNAL DIAMETER | C | 3.062 ±.005" | 77.7 MM | 4.062 ±.005" | 103.2±.05MM |
| DRAWTUBE EXTERNAL DIAMETER | D | 3.50" | 88.9 MM | 4.5" | 114.3MM |
| COUNTERBORE INTERNAL DIAMETER | E | 3.560" | 90.4 MM | | |
| COUNTERBORE DEPTH | F | 0.750" | 19.05 MM | | |
| DRAWTUBE EXTENDED | G | 2.06" | 52.3 MM | 2.60" | 66.0MM |
| DRAWTUBE RETRACTED | H | 1.07" | 27.18 MM | 1.23" | 31.2MM |
| SPINDLE FACE TO BACK OF UNION | I | 31.50" | 800 MM | | |
| SPINDLE FACE TO UNION ADAPTOR | J | 22.00" | 558 MM | | |
| TO BACK OF EXTENTION (OPTION) | K | 48.0" | 1219MM | | |