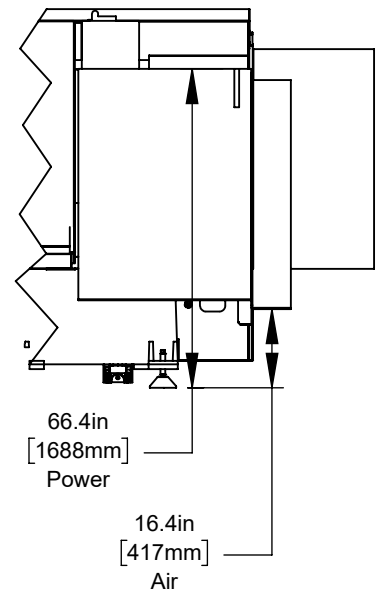
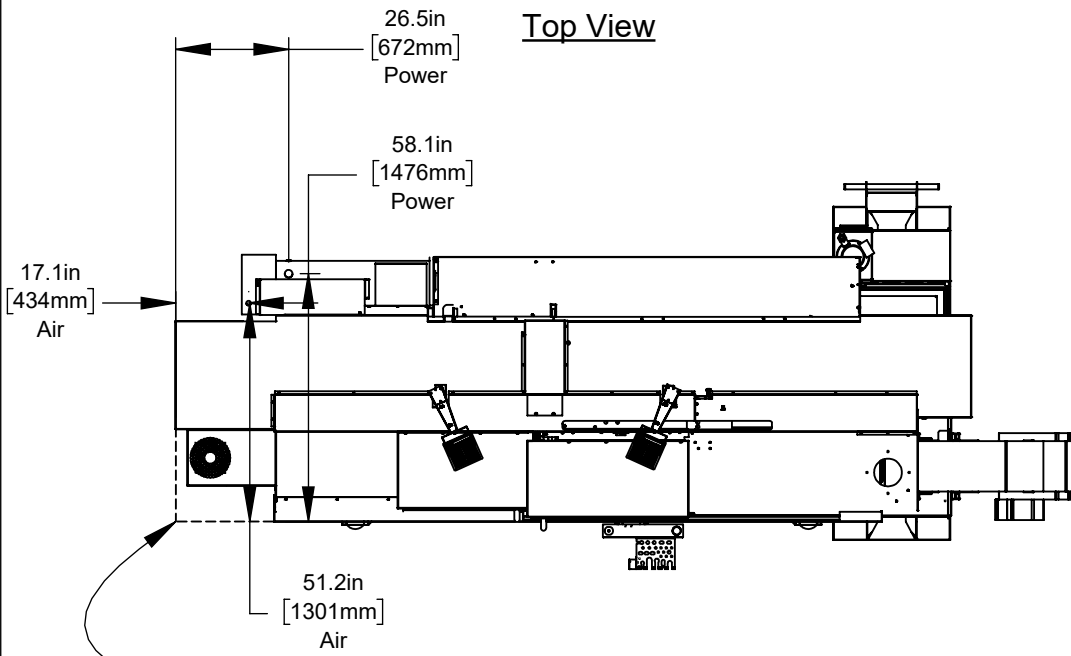


All dimensions based on stackup of sheetmetal, subject to variation of 1/2" (13 mm)
 Due to continual product improvements, machine dimensions are subject to change without notice

Air & Power

Top View

Rear View

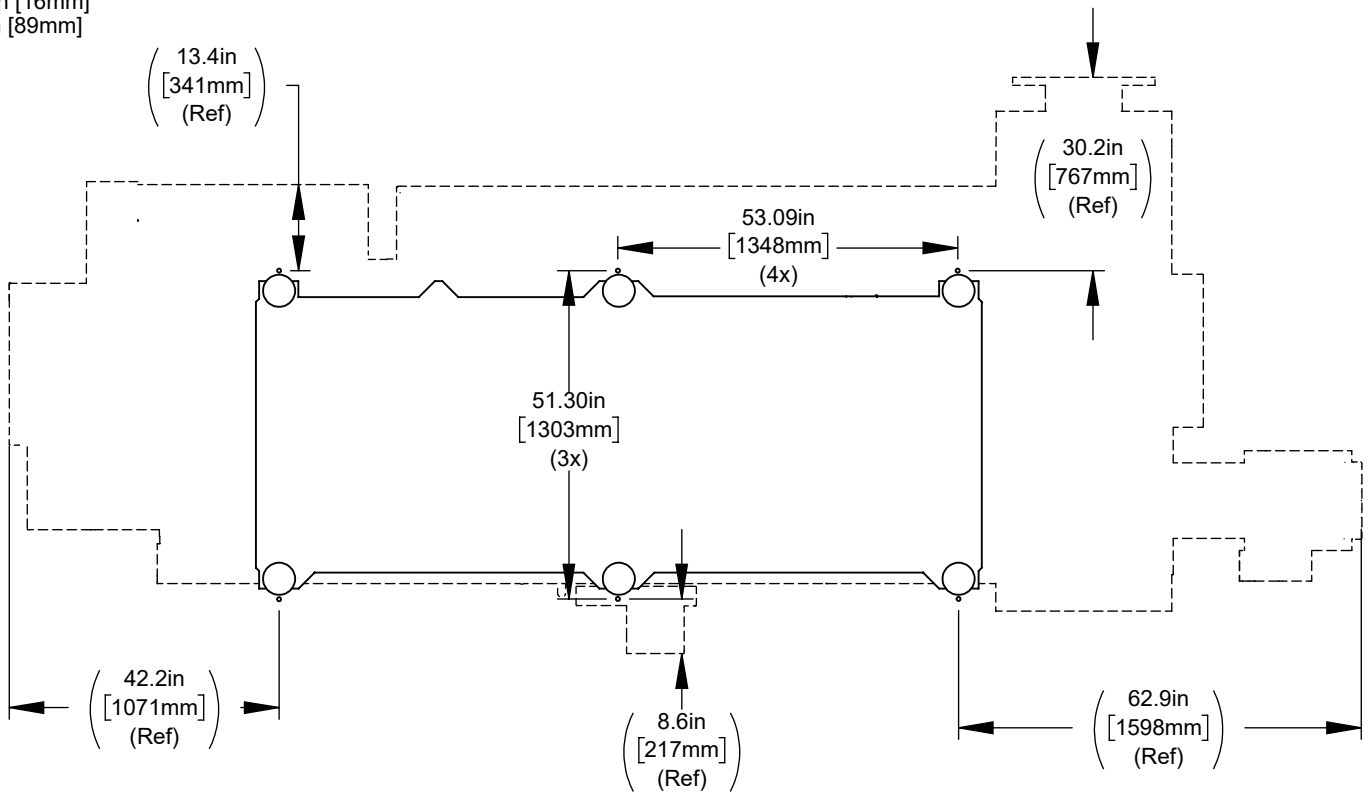


Datum is the theoretical intersection of the front sheet metal and left sheet metal panels

Anchor Hole Detail

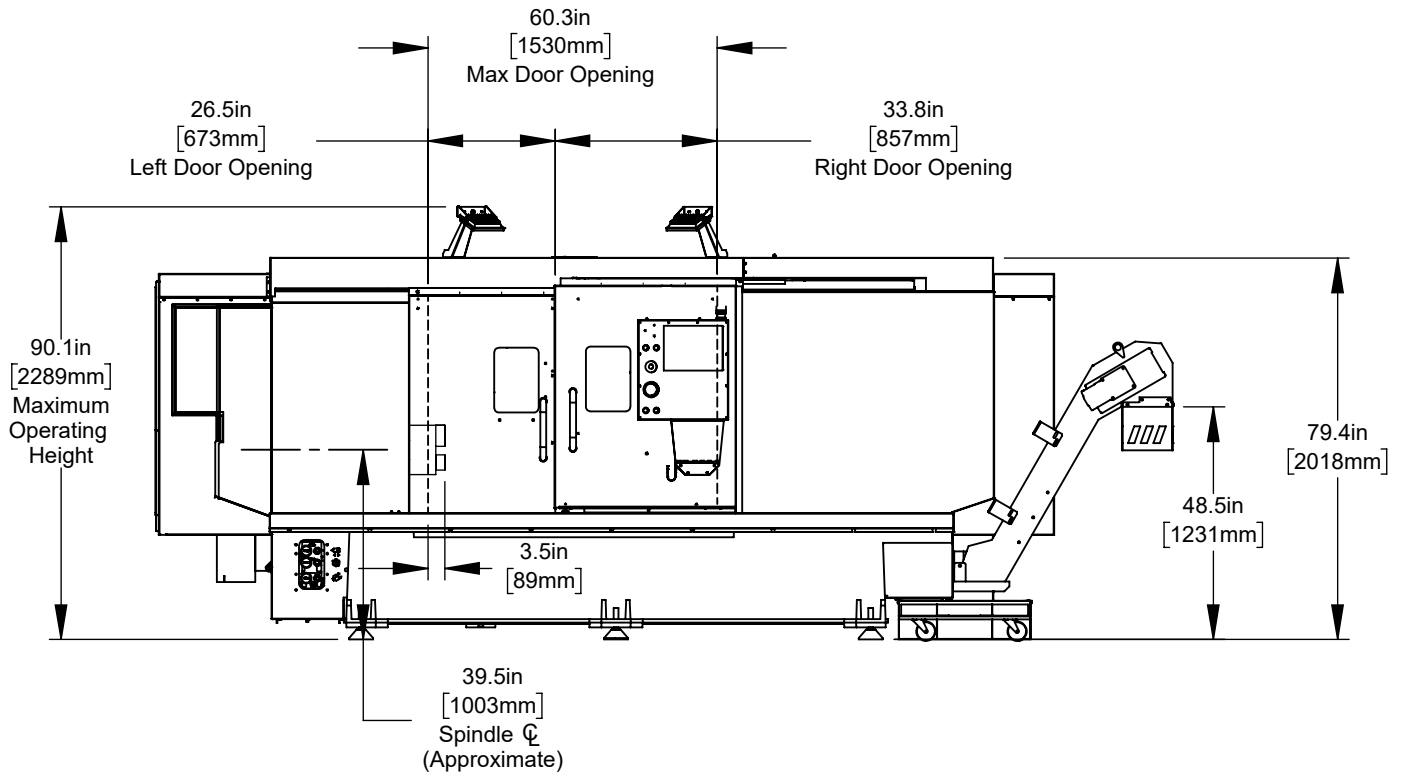
Ø.625in [16mm]
 ▽ 3.5in [89mm]

Anchor Pattern

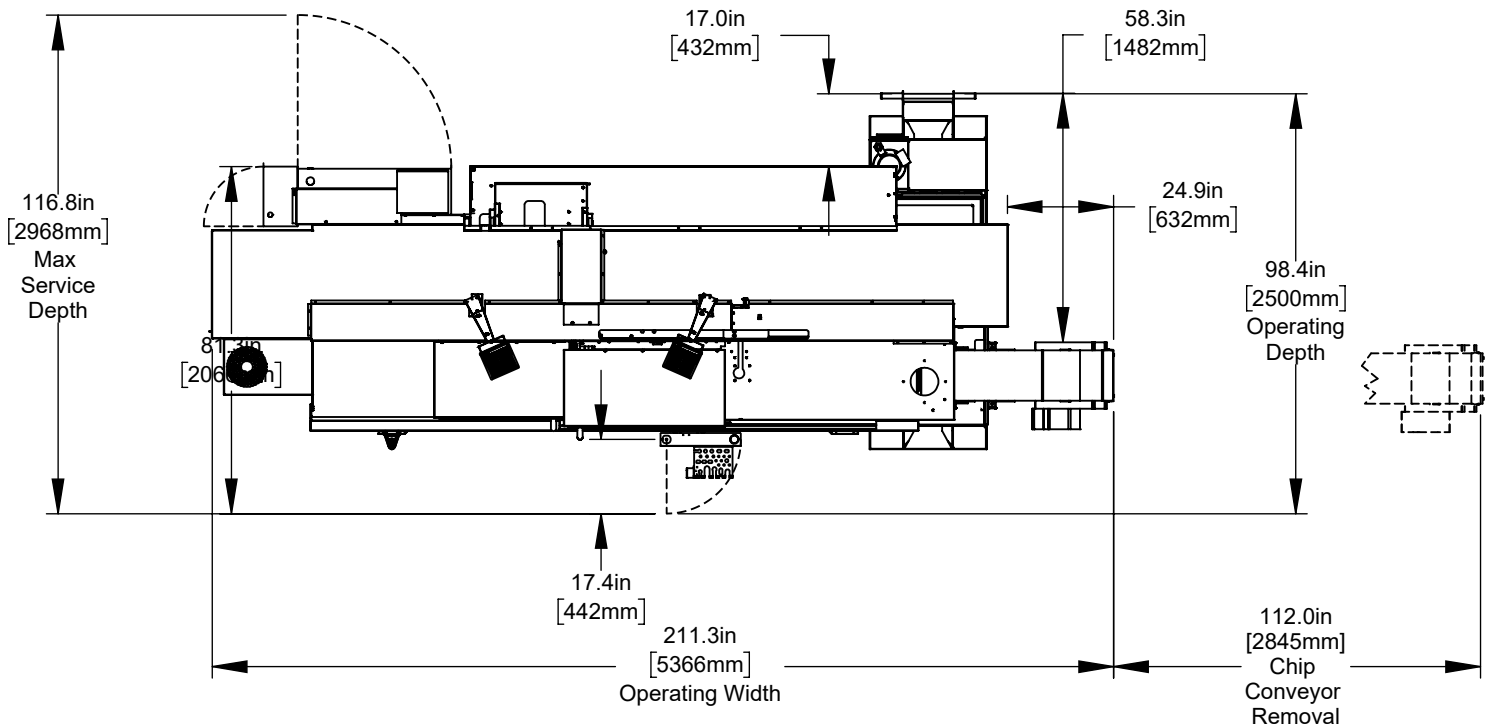


All dimensions based on stackup of sheetmetal, subject to variation of 1/2" (13 mm)
 Due to continual product improvements, machine dimensions are subject to change without notice

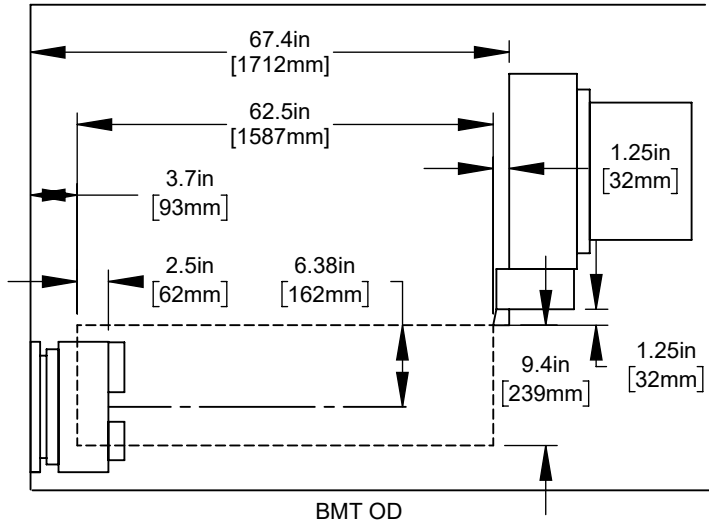
Height Breakdown



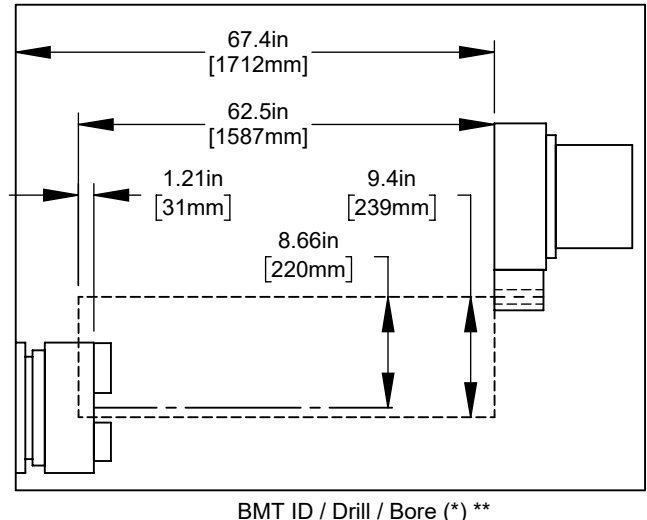
Width Breakdown



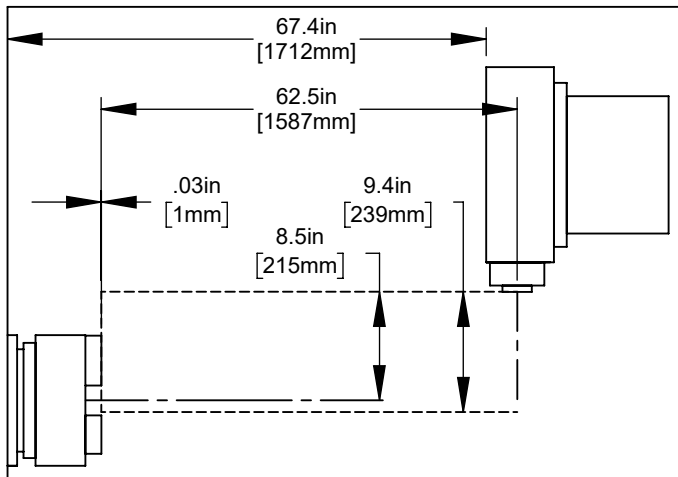
All dimensions based on stackup of sheetmetal, subject to variation of 1/2" (13 mm)
Due to continual product improvements, machine dimensions are subject to change without notice



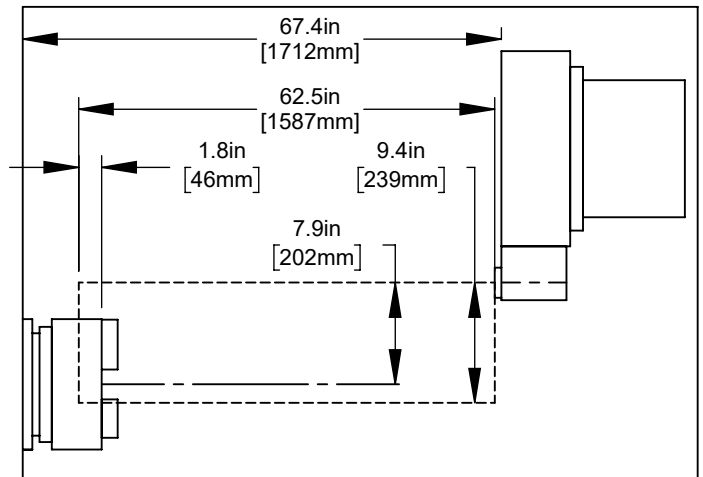
BMT OD



BMT ID / Drill / Bore (*) **



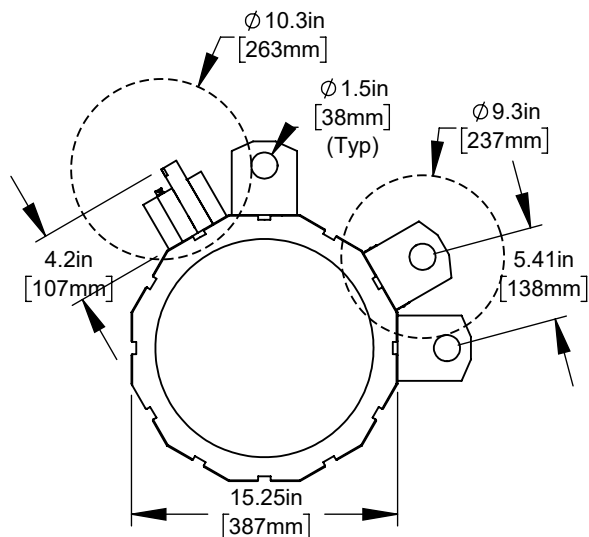
BMT Live Cross Tool *



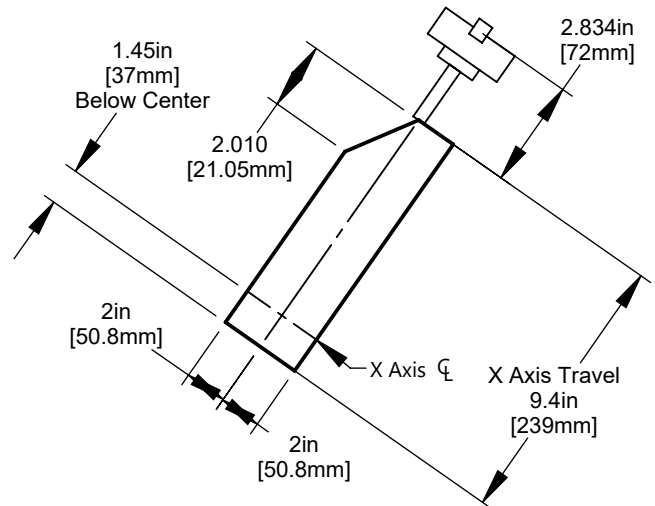
BMT Live Face Tool **

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

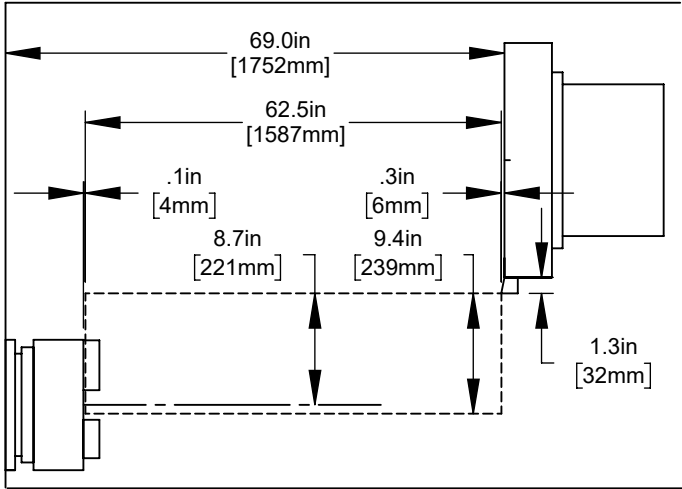
** Shift the work envelope in Z by the tool protrusion length



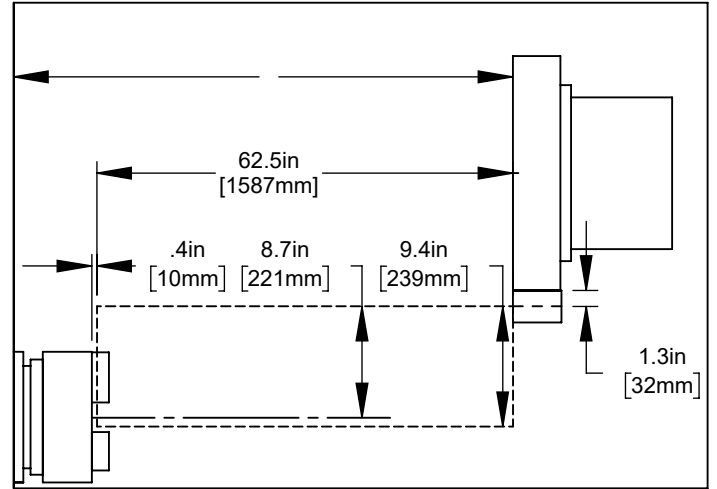
BMT65 Basic Tool Clearance
Maximum Turret Swing $\phi 35.0in$ [889mm]



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



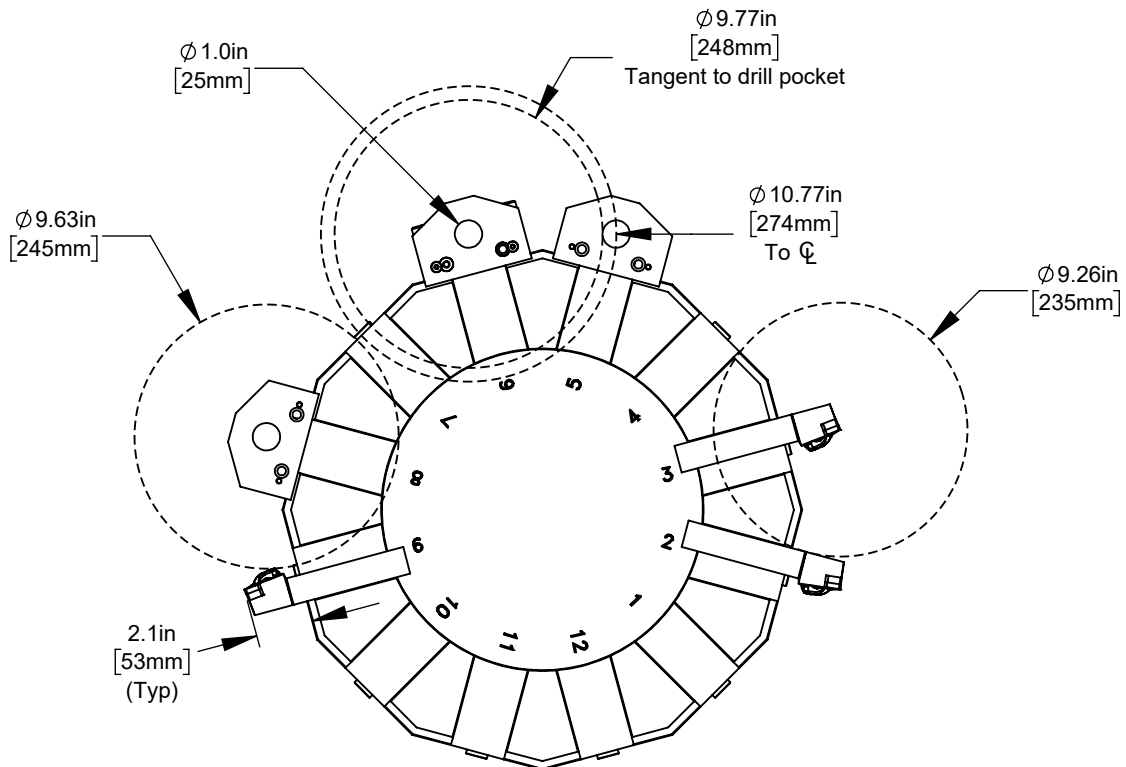
BOT OD



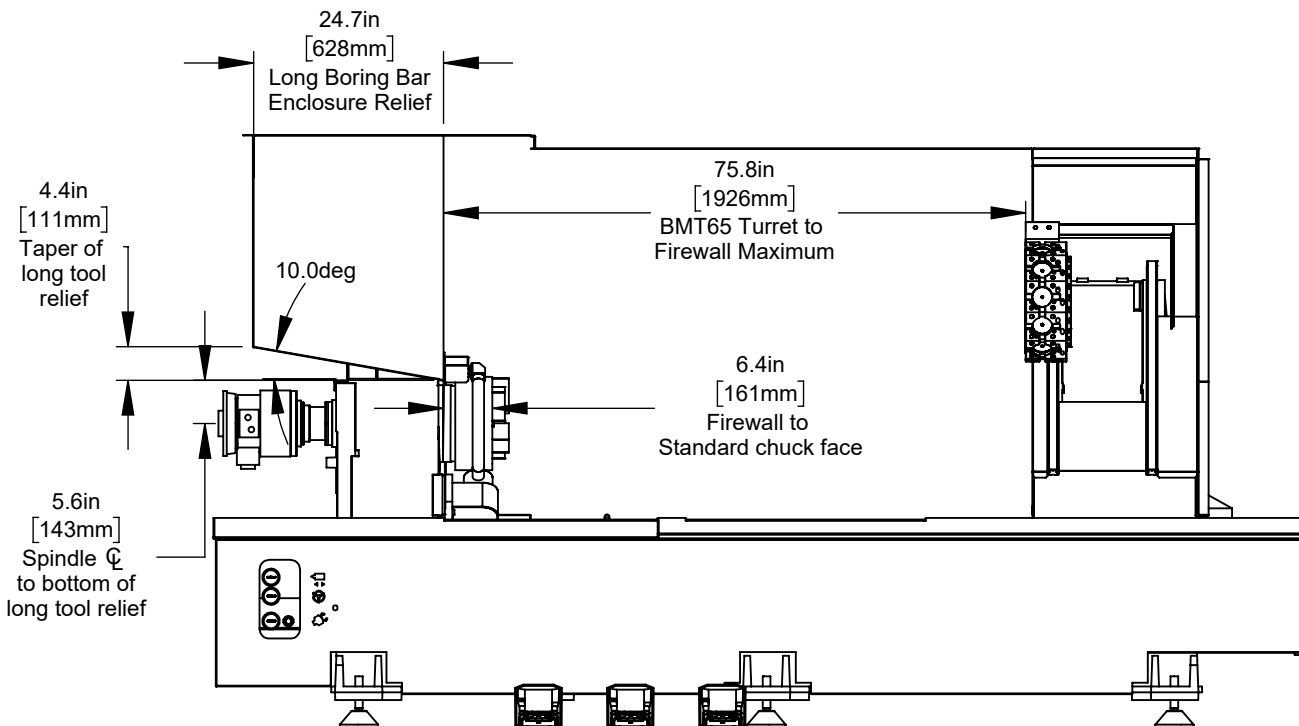
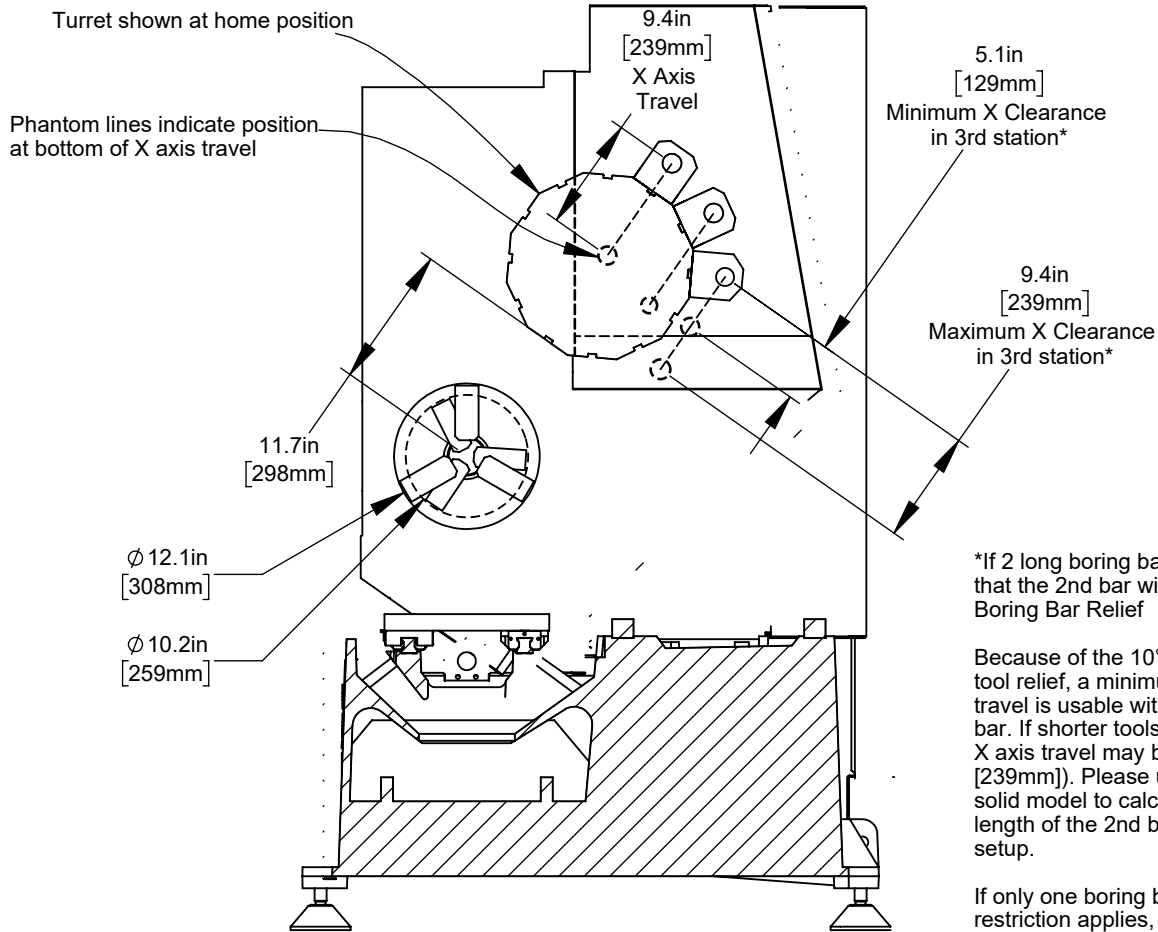
BOT ID / Drill / Bore (*) **

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

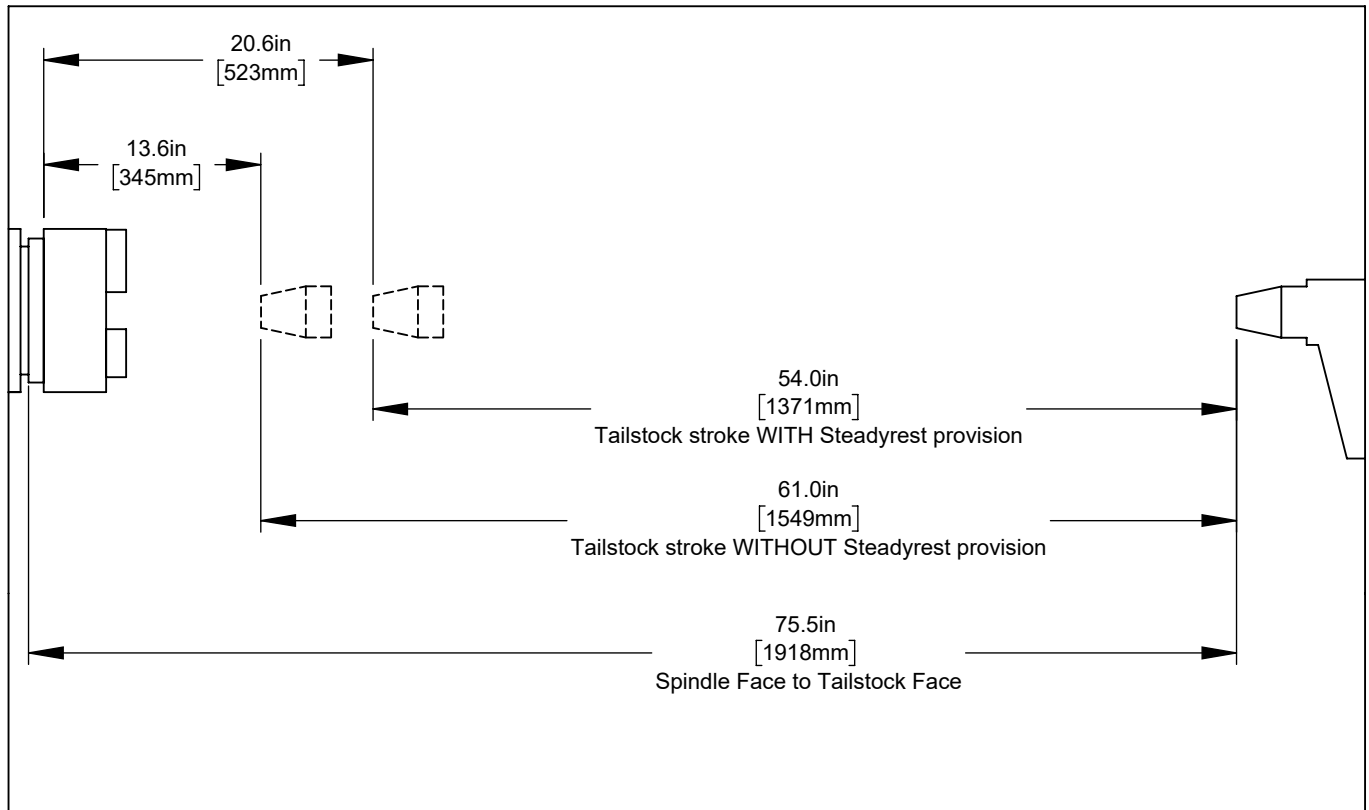
** Shift the work envelope in Z by the tool protrusion length



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



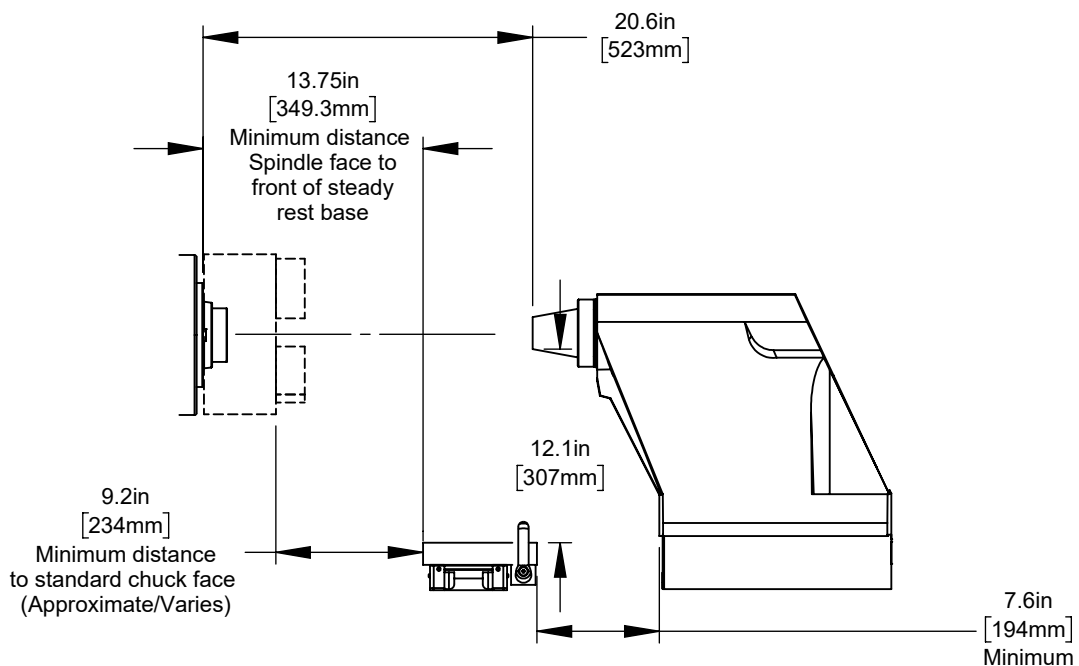
BOT Basic Tool Clearance
Maximum Turret Swing \varnothing 35.0in [889mm]



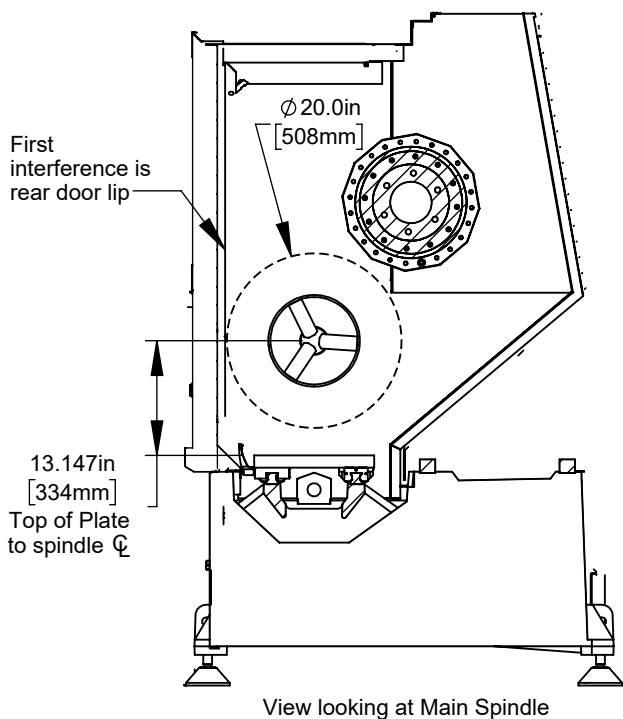
Tailstock Option

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

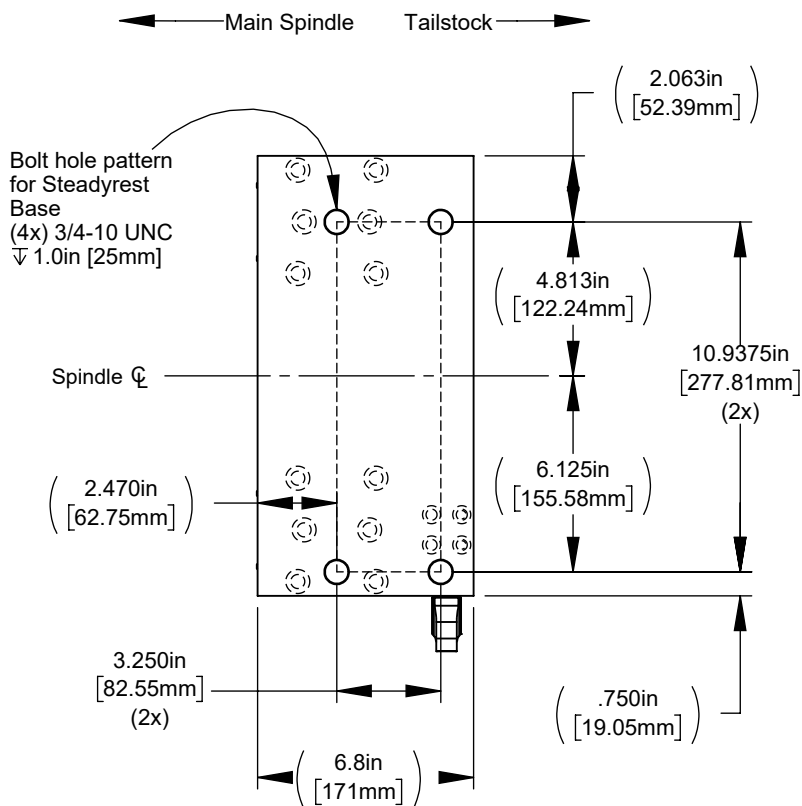
Tailstock at maximum forward travel with Steadyrest option



Spindle ϕ and Swing

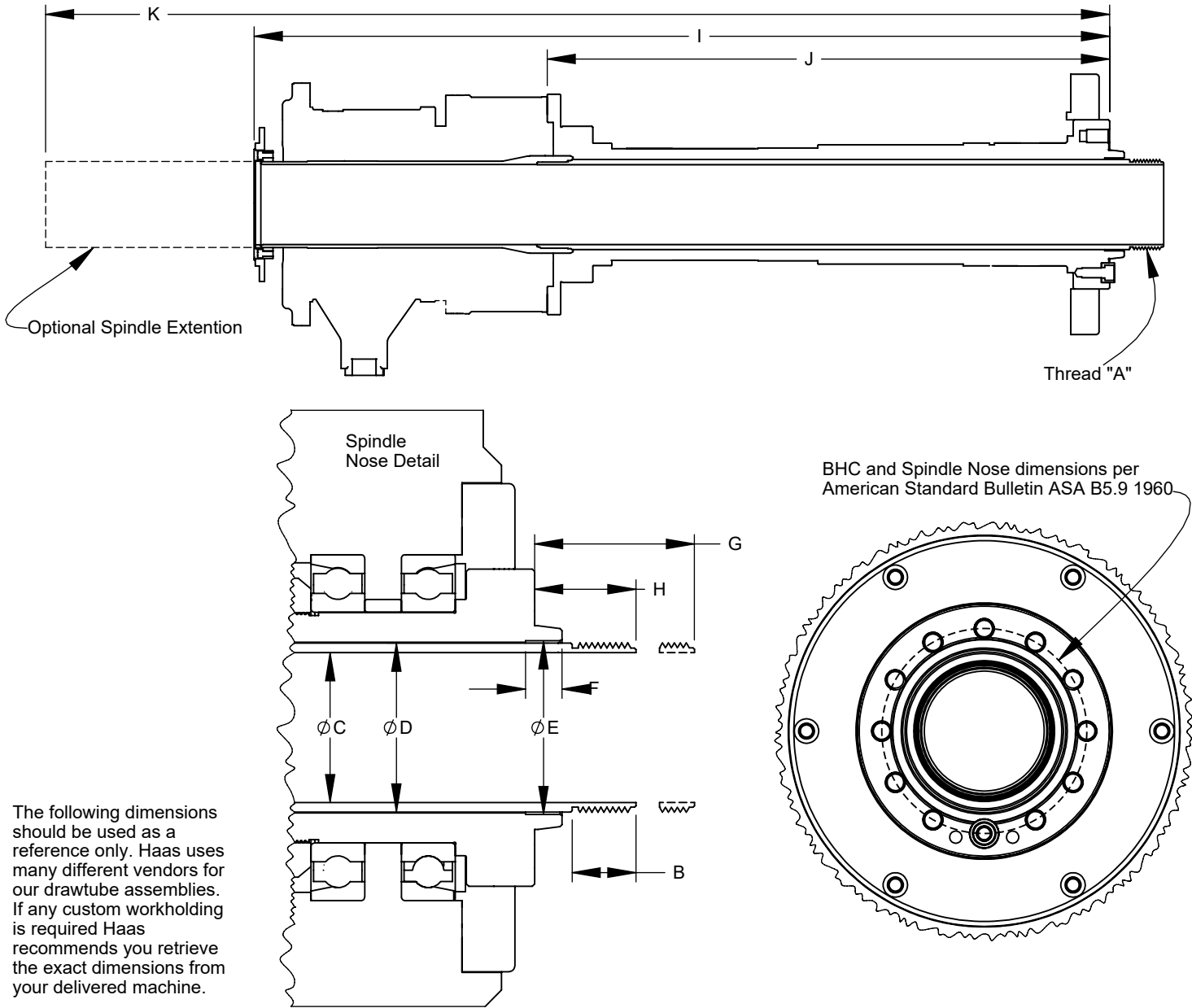


Steadyrest Base Plate Diagram



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



The following dimensions should be used as a reference only. Haas uses many different vendors for our drawtube assemblies. If any custom workholding is required Haas recommends you retrieve the exact dimensions from your delivered machine.

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		