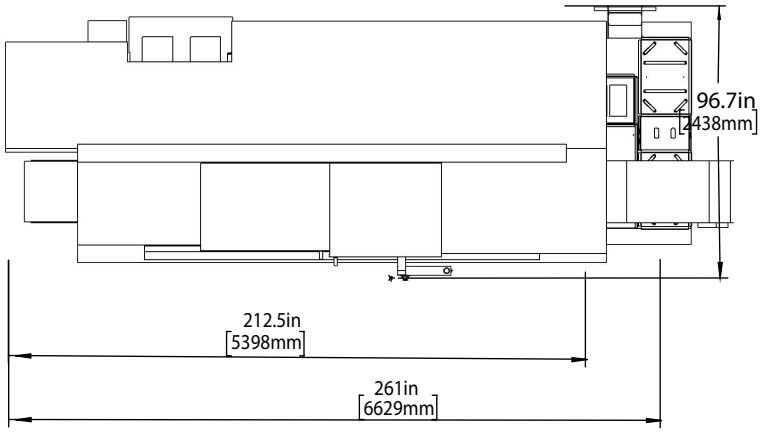
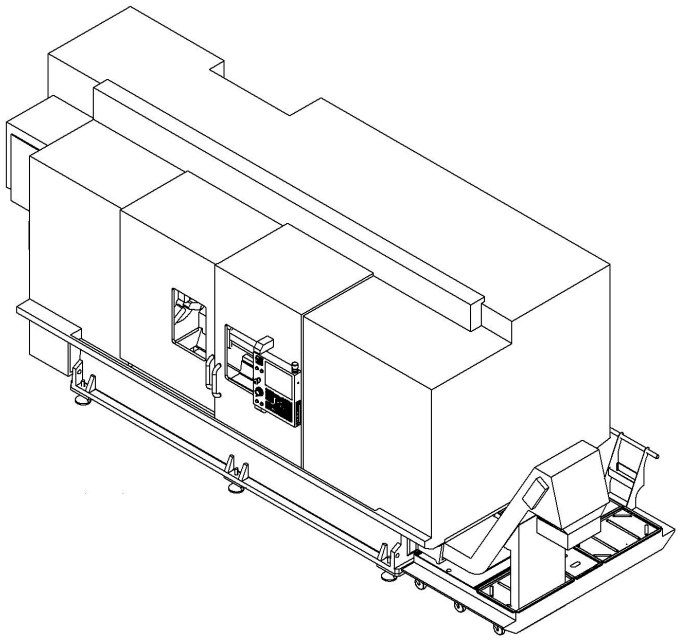
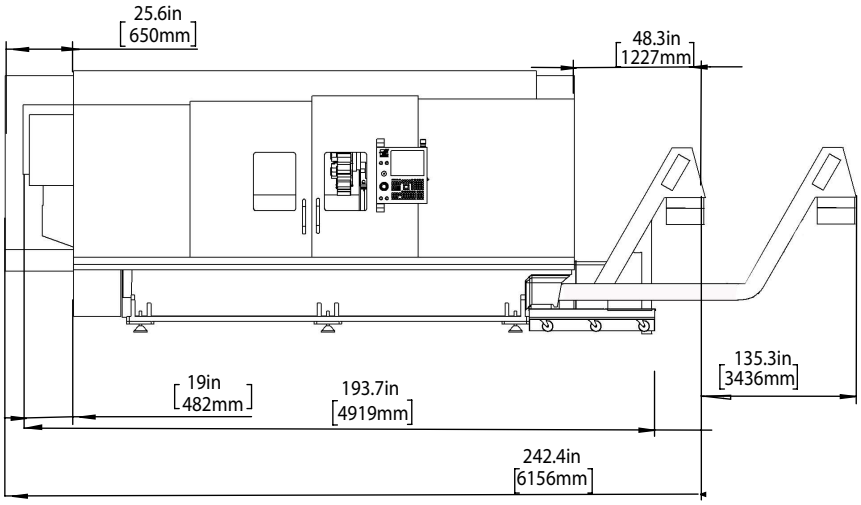
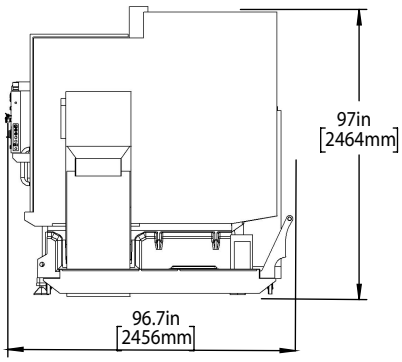
Installed Dimensions



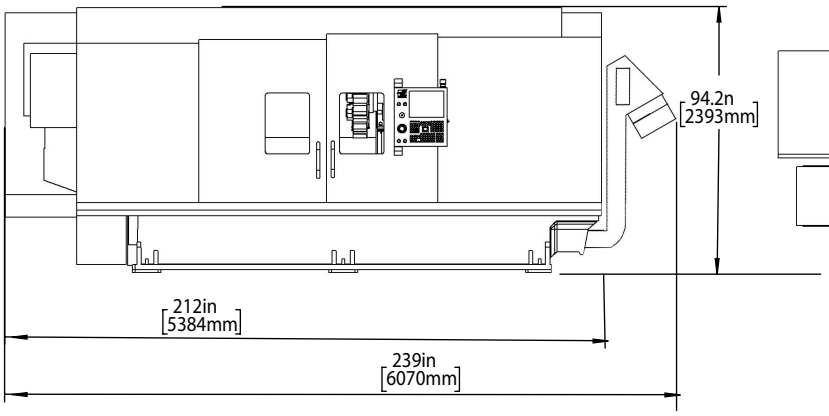


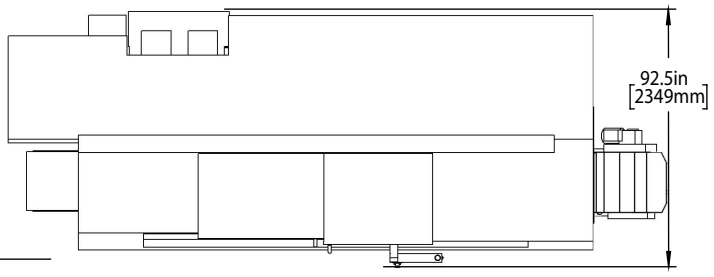




*All Height Dimensions Based on Suggested Leveling Pad Height

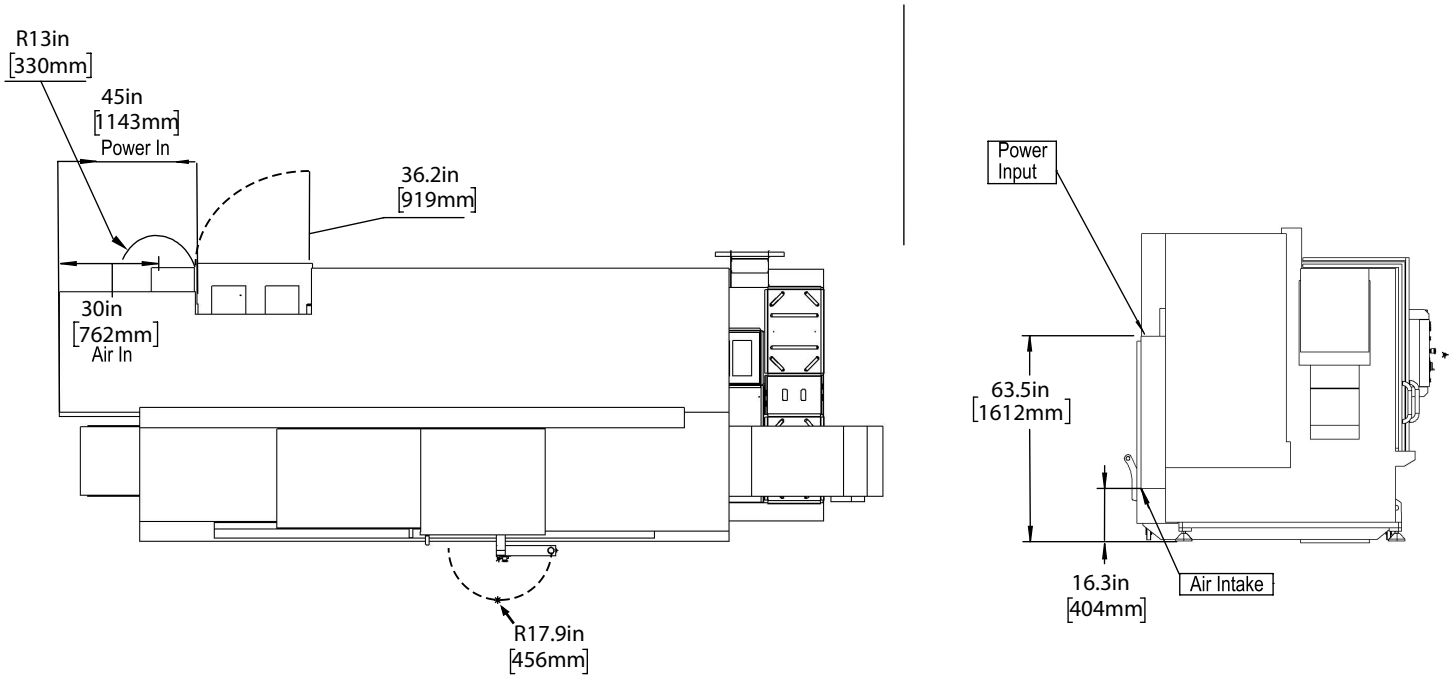
Shipping Dimensions





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

Air & Power

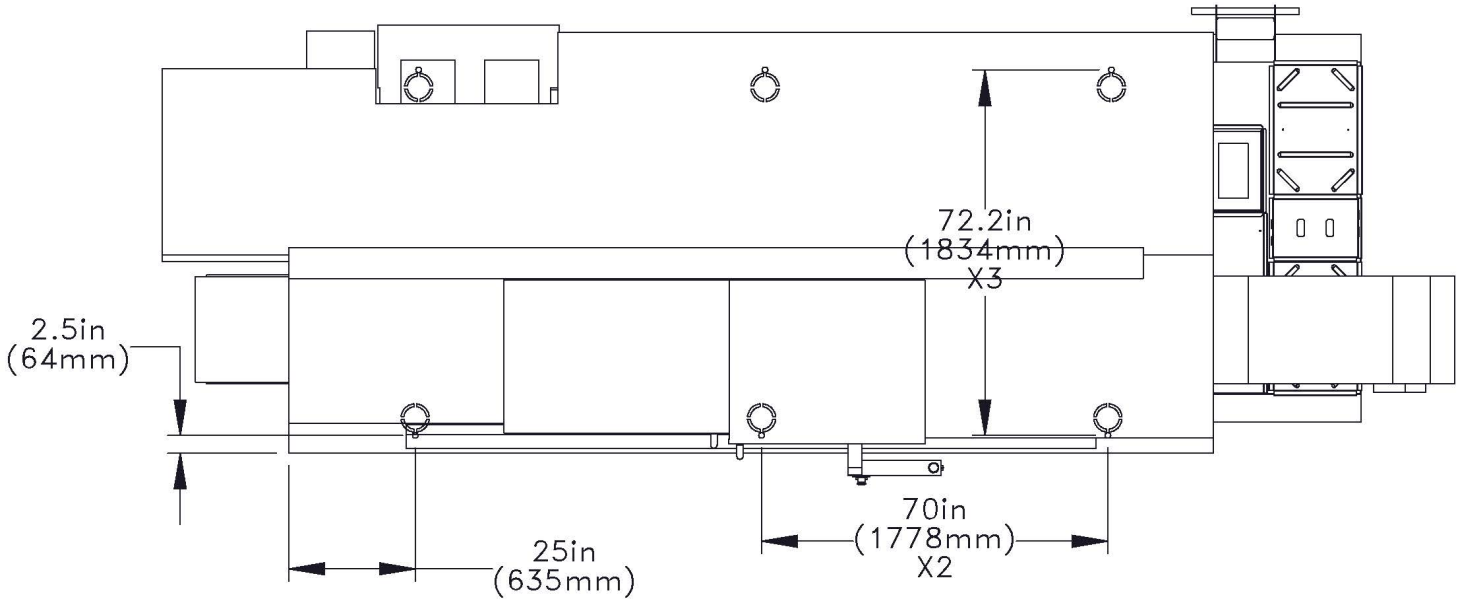


Maintain 3 feet [915mm] clearance to the nearest obstruction around all sides of machine perimeter for maintenance access

Note:
Machine must be placed on one continous concrete slab. Slab should extend 12in [305mm] beyond anchor holes in all directions

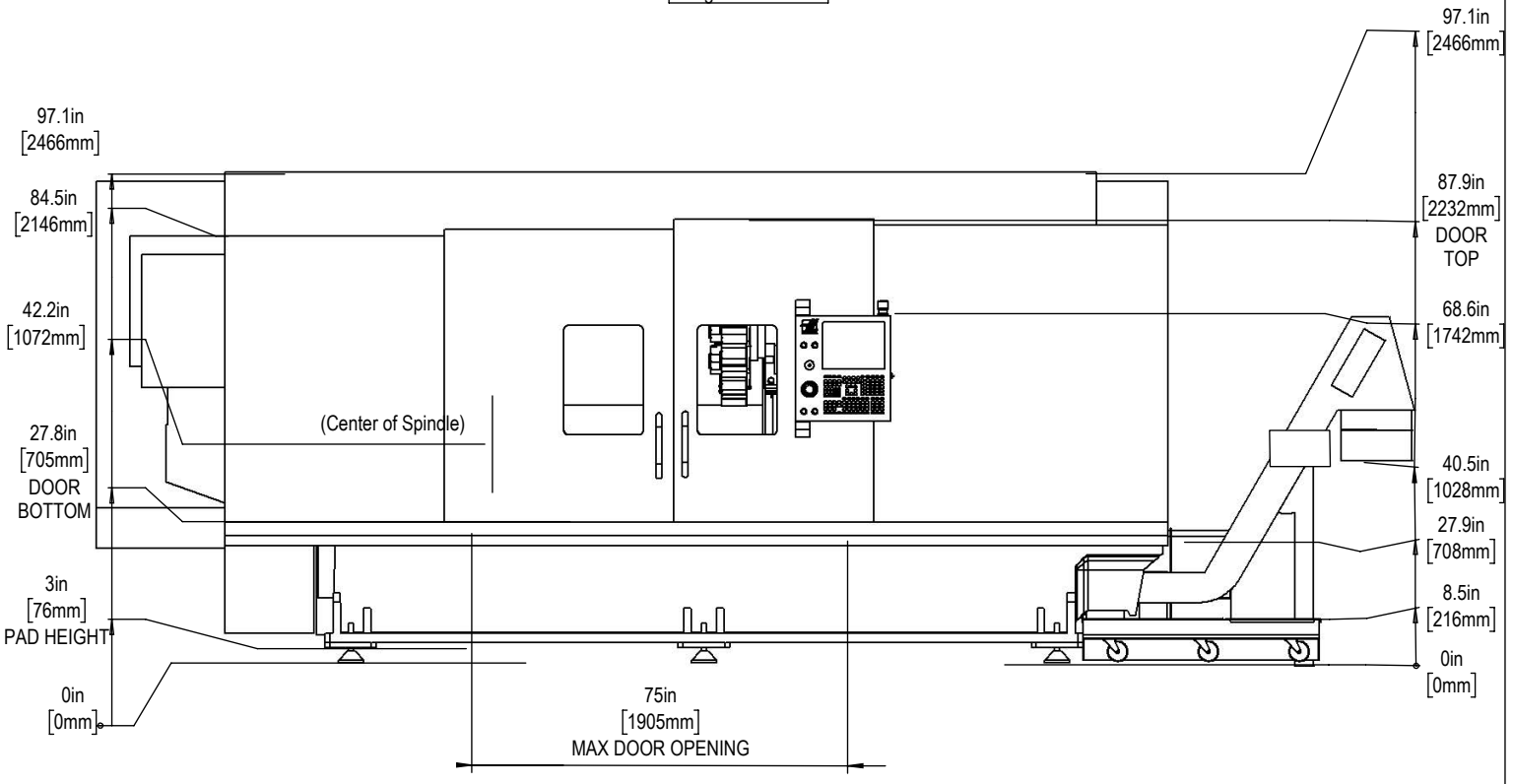
Anchor Pattern

Anchor Hole Detail
⌀0.625in[25mm]
↧2.0in[50mm]-
↧2.25in[57mm]

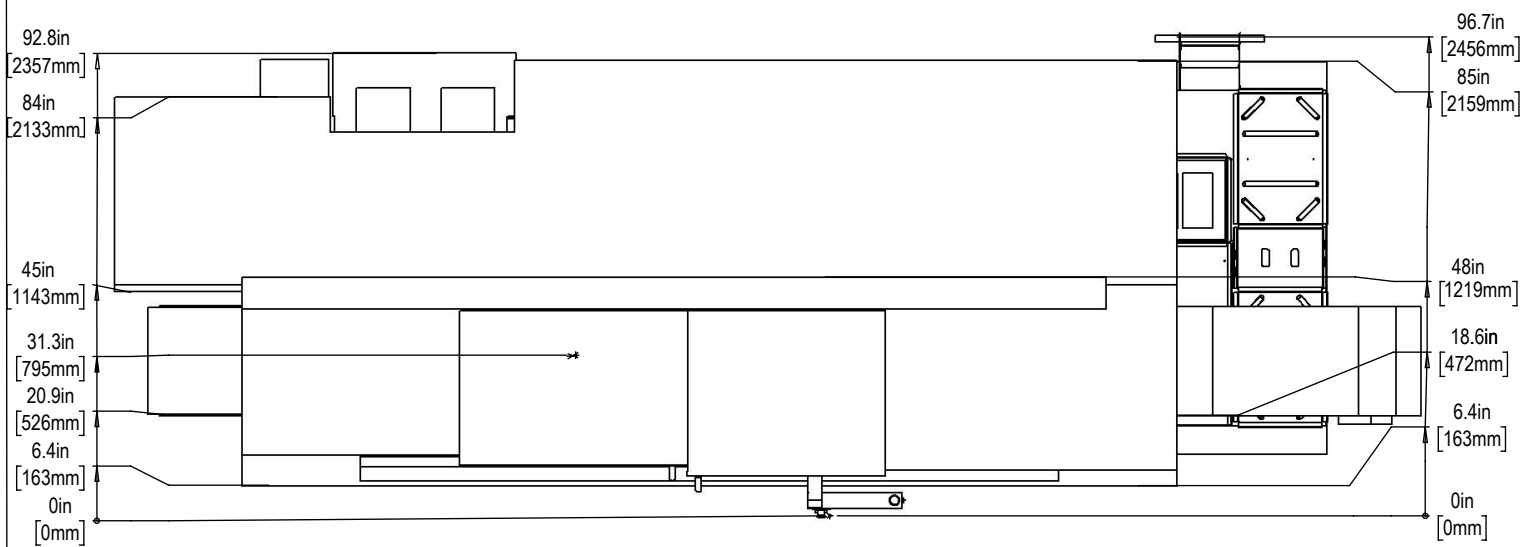


For precise locations and specifications please use template in Anchoring Kit found at Haascnc.com

Height Breakdown

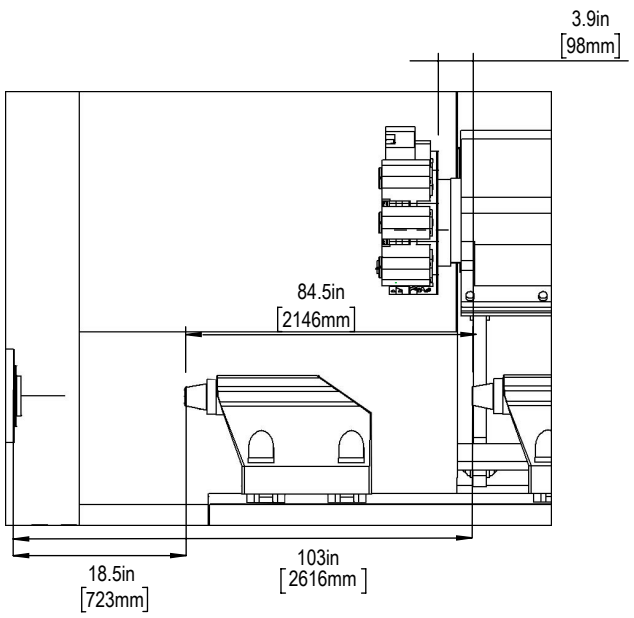


Depth Breakdown

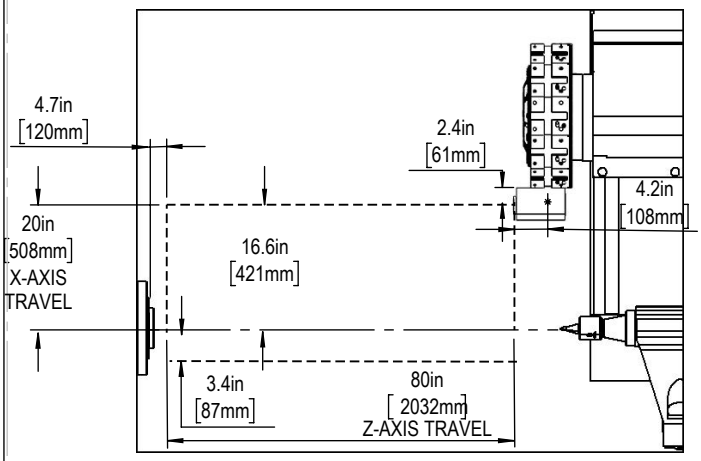


Axis Travel Diagrams

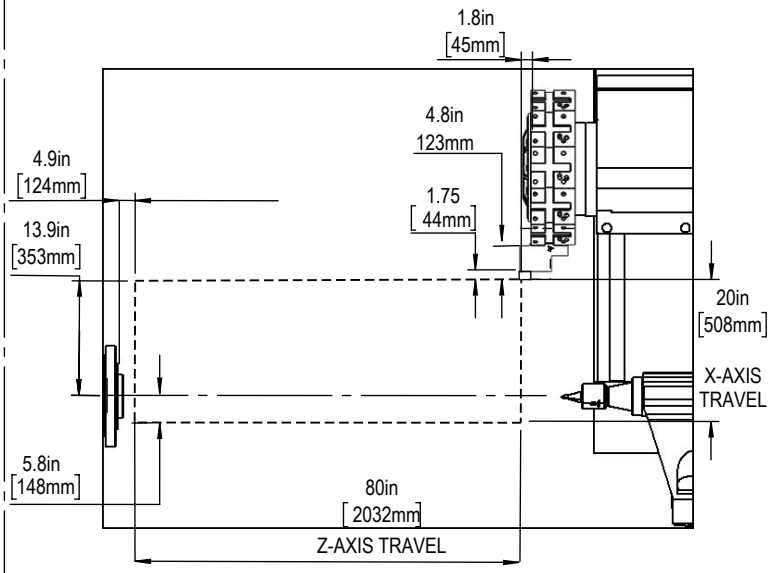
Tailstock Travels



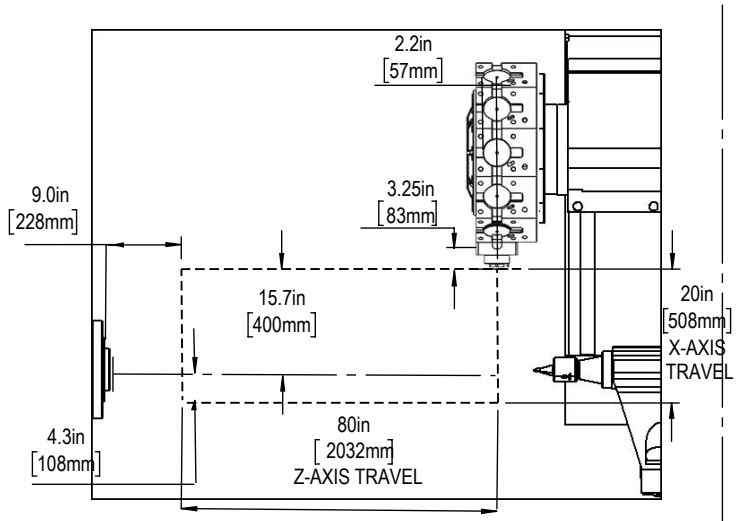
Turning Tool - ID



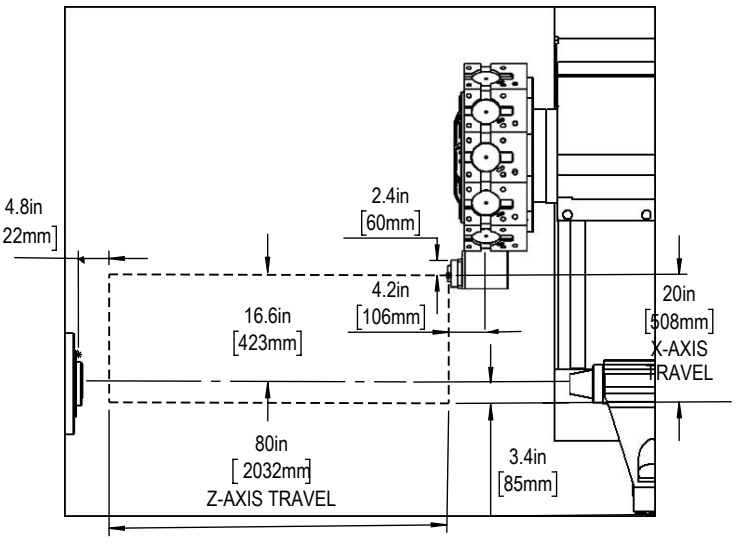
Turning Tool - OD



Optional Live Tooling - BMT75 -STRAIGHT



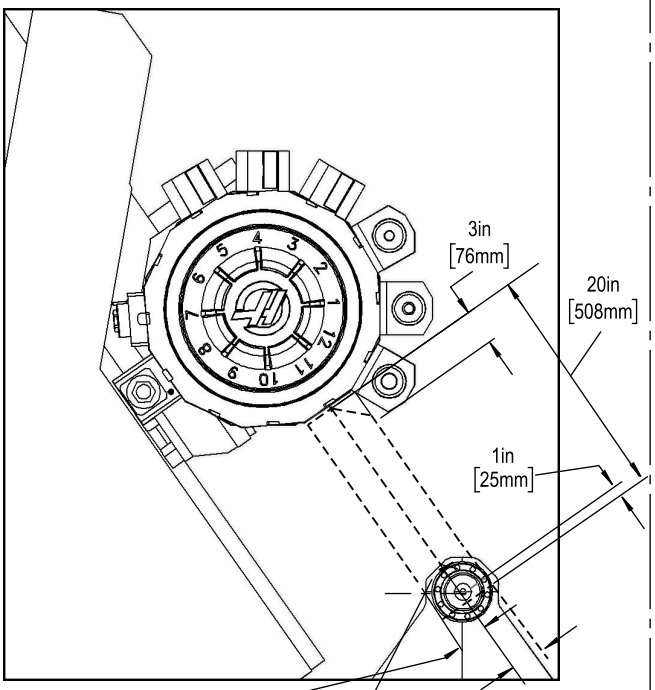
Optional Live Tooling - BMT75-90-DEGREE



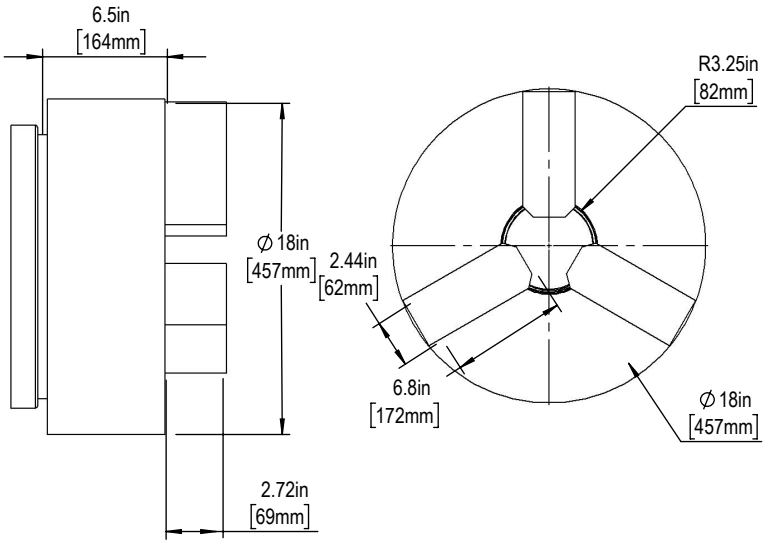
All dimensions based on stackup of sheetmetal, subject to variation of 1/2" (13 mm) Due to continual product improvements, dimensions are subject to change without notice

Tool Interference Layout

Y-Axis Travel Envelope

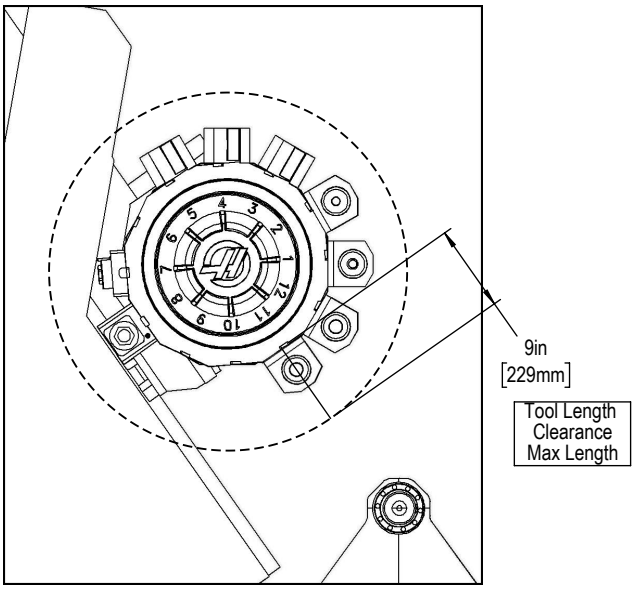


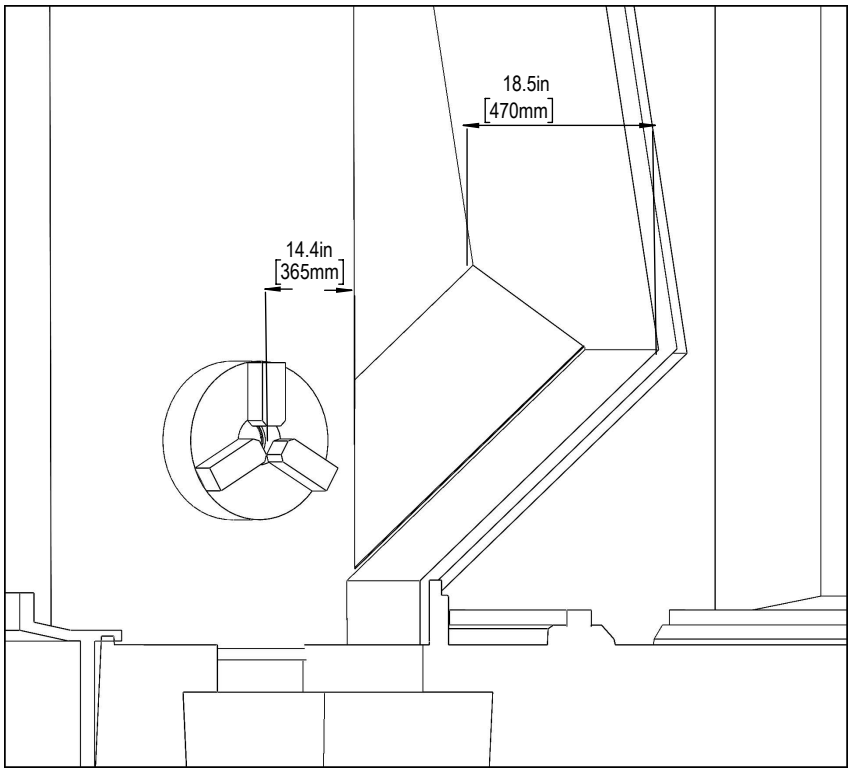
Standard Chuck

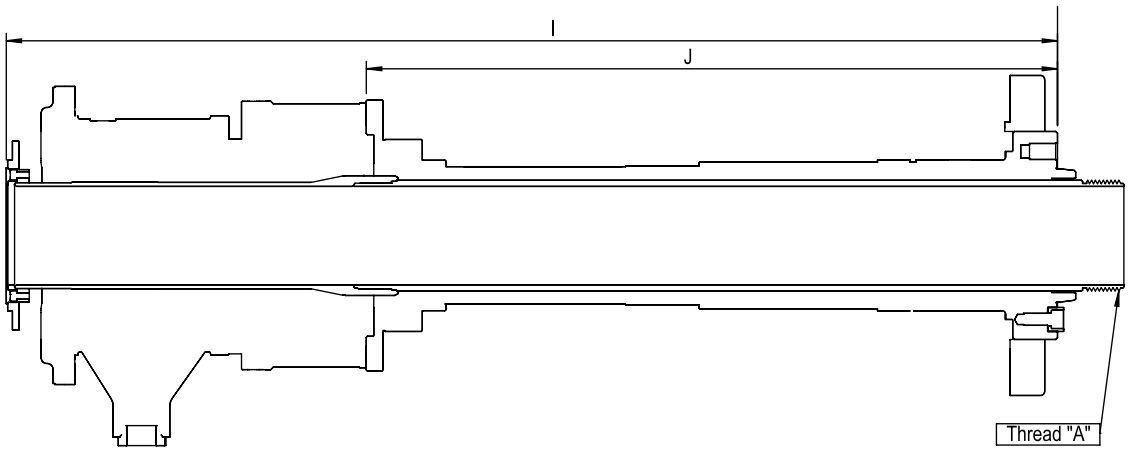


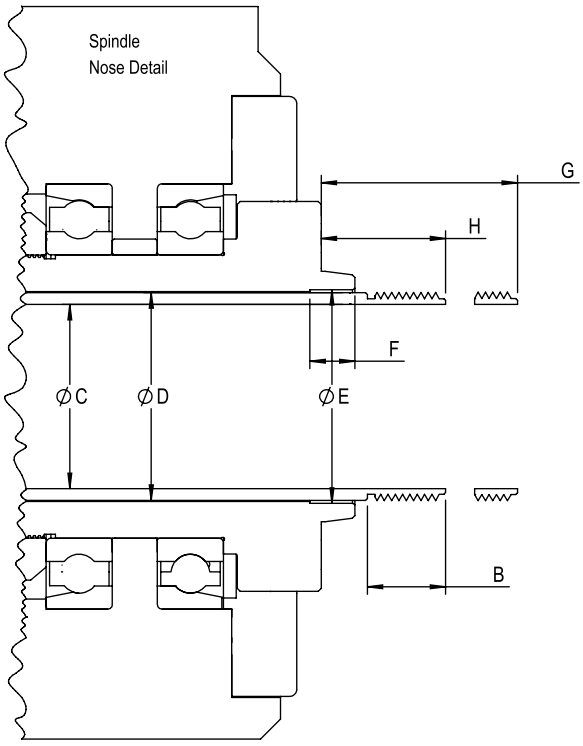
Dimensions may vary per manufacturer

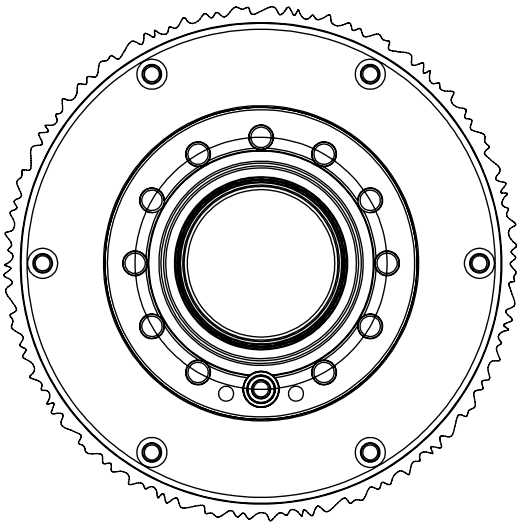
Standard Extended Tool Pocket











*Due to vendor variations discretion should be taken to verify validity of provided dimensions

Description	DIMENSION PARAMETER	ST-45LY	
		SAE (in)	METRIC(mm)
SPINDLE TYPE		A2-11	
THREAD TYPE	A	M175 X 3.0	
INTERNAL OR EXTERNAL		EXTERNAL	
LENGTH OF THREAD	B	3.03	76.96
DRAWTUBE INTERNAL ∅	C	6.51	165.35
DRAWTUBE EXTERNAL ∅	D	7.02	178.31
COUNTERBORE INTERNAL ∅	E	N/A	N/A
COUNTERBORE DEPTH	F	N/A	N/A
DRAWTUBE EXTENDED	G	3.02	76.71
DRAWTUBE RETRACTED	H	1.84	46.74
SPINDLE FACE TO BACK OF UNION	I	48.3	1226.82
SPINDLE FACE TO UNION ADAPTOR	J	32.7	830.58