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MULTIPLE SPINDLE SCREW MACHINE PRODUCTS & MACHINED PARTS

Avanti specializes in multiple spindle screw machine products and machined parts. With our many years of experience along with updated technologies including our New Britain, acme and davenport machine capacities up to 2-5/8" and an almost unlimited array of quick-change tooling, equipment & attachments, Avanti professionals complete the majority of secondary operations simultaneously within a single operation which allows for the most cost effective High speed manufacturing process. All of our machined parts are 100% made reliably in the USA by Avanti Engineering, Inc and are often more competitive than off shore competitors and hassle free.

PRECISION CNC TURNING CENTERS

The experienced machinists at Avanti Engineering, Inc. combine accuracy with flexibility. We create metal turned parts with any material including Brass, Copper, Bronze, steel including high alloy, Stainless steel, Aluminum, cast Iron and phenolic. Our CNC Turning machines use 3', 6' or 12' bar stock material to automatically feed our machines to convert raw metal into a precision component repeatedly, efficiently & effectively.

Avanti Engineering, Inc. provides complete screw machine and precision CNC turning services that offer a great degree of flexibility to each customer project.

Whatever your industry or niche - hydraulics, plumbing, aerospace, marine, electronics, medical, or beyond – Avanti Engineering can assist by precision-machining high-quality machined components that are sure to meet even the most precise specifications and tolerances.

CNC SWISS LATHES

Medium and higher volume complex close tolerance Swiss components up to 11 axis Twin spindle Twin-turret and highly capable for complex Swiss production including reduced operations. Magazine bar feed capable.

Standard round	1.250"	32 MM
Standard hex	1.062"	26.99 MM
Standard square	.875"	22.23 MM

BROWN & SHARPE

Smaller to medium volume 10,000 pieces minimum, Single-spindle and servo-driven turret, Lipe automatic bar feeders for mild efficient long piece and shaft work.

Standard round	1.500"	38.1 MM
Standard hex	1.250"	31.75 MM
Standard square	1.062"	26.99 MM

CNC BAR LATHES

Medium and higher volume complex close tolerance components Up to 11 axis Twin spindle Twin-turret, highly capable for complex production including reduced operations, Magazine bar feed capable.

Standard round	2.625	66.675 MM
Standard hex	1.562"	39.7 MM
Standard square	1.250"	32 MM
Chucking to	10"	254 MM

DAVENPORT DEPARTMENT

High volume production of 200,000 pieces minimum. Multi-spindle capability for overlapped operations including live tooling attachments for reduced operations.

Standard round	.875"	22.23 MM
Standard hex	.6875"	17.46 MM
Standard square	.562"	14.29 MM

NEW BRITAIN/ACME GRIDLEY

Medium to higher volume production of 25,000 pieces minimum. Multi-spindle capability for overlapped operations including live tooling attachments for reduced operations.

Standard round	2.625"	66.675 MM
Standard hex	2.250"	57.15 MM
Standard square	1.844"	46.83 MM

(VMC) VERTICAL MACHINING CENTERS

Multi axis capability for high speed milling, tapping and drilling.



◆ Superior Service ◆ Quality Work ◆ Competitive Pricing ◆ Customer Satisfaction ◆