



MultiTHREAD™ Single Plane

A Complete Line of 2XD Solid Carbide Thread Mills, Plus 3XD Sizes for Maximum Reach



Miniature size thread mills provide a high-quality, dependable threading solution for a variety of materials.

Standard sizes provide manufacturers a ready tooling solution which allows for quick adaptation to a variety of threading requirements in a wide range of materials.

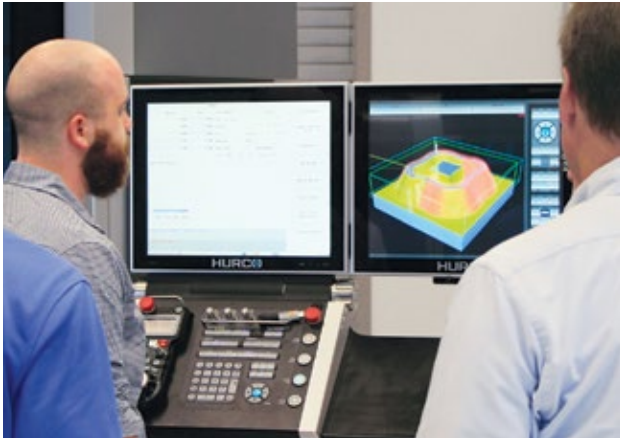
- TIN T21 coating reduces chip welding and improves material flow away from cutting edge
- **Requiring only 8 stock standard tool sizes,** #10 • 1/4 • 5/16 • 3/8 • 7/16 • 1/2 • 5/8 • 3/4, it is now possible to produce 100+ commonly produced screw thread designations
- In addition, MultiTHREAD tools provide **total control over pitch diameter limits** including 2B • 3B • 3BG • and all oversize variants
- One tool produces multiple thread sizes

2XD – TIN T21 COATED – 0° HELIX

	Tool Size	Thread Size								Cutter Dia.	Cut Length	# Flutes	Overall Length	Shank Dia.	Shank Type	EDP No.	
		UNC	UNF	STI UNC	STI UNF	UNEF	UNJC	UNJF	M								MJ
STANDARD SIZES	10	10-24	10-32	10-24	10-32	–	10-24	10-32	–	–	0.136	0.380	3	2 1/2"	1/4"	HB	GFS23105.5007 •
	1/4	1/4-20	1/4-28	1/4-20	1/4-28	5/16-32	1/4-20	1/4-28	6 x 1	6 x 1	0.185	0.500	3	2 1/2"	1/4"	HB	GFS23105.5009 •
	5/16	5/16-18	5/16-24	5/16-18	5/16-24	3/8-32	5/16-18	5/16-24	8 x 1.25	8 x 1.25	0.242	0.625	4	2 1/2"	1/4"	HB	GFS33105.5010 ▲
	3/8	3/8-16	3/8-24	3/8-16	3/8-24	7/16-28	3/8-16	3/8-24	10 x 1.5	10 x 1.5	0.301	0.750	5	2 1/2"	5/16"	HB	GFS33105.5011 ▲
	7/16	7/16-14	7/16-20	7/16-14	7/16-20	1/2-28	7/16-14	7/16-20	12 x 1.75	12 x 1.75	0.354	0.875	5	3"	3/8"	HB	GFS33105.5012 ▲
	1/2	1/2-13	1/2-20	1/2-13	1/2-20	5/8-24	1/2-13	1/2-20	14 x 2	14 x 2	0.407	1.000	5	3 3/4"	1/2"	HB	GFS33105.5013 ▲
	5/8	5/8-11	5/8-18	5/8-11	5/8-18	3/4-20	5/8-11	5/8-18	16 x 2	16 x 2	0.512	1.250	5	3 3/4"	1/2"	HB	GFS33105.5015 ▲
	3/4	3/4-10	3/4-16	3/4-10	3/4-16	7/8-20	3/4-10	3/4-16	20 x 2.5	20 x 2.5	0.630	1.500	6	4 1/4"	5/8"	HB	GFS33105.5016 ▲

• With external flood coolant only ▲ With external flood coolant or axial internal coolant hole (MINIATURE SIZES EXTERNAL COOLANT ONLY)

Shank Types: HA-Straight shank without clamping flat, HB-Straight shank with Weldon clamping flat



Thread Milling Programming Support

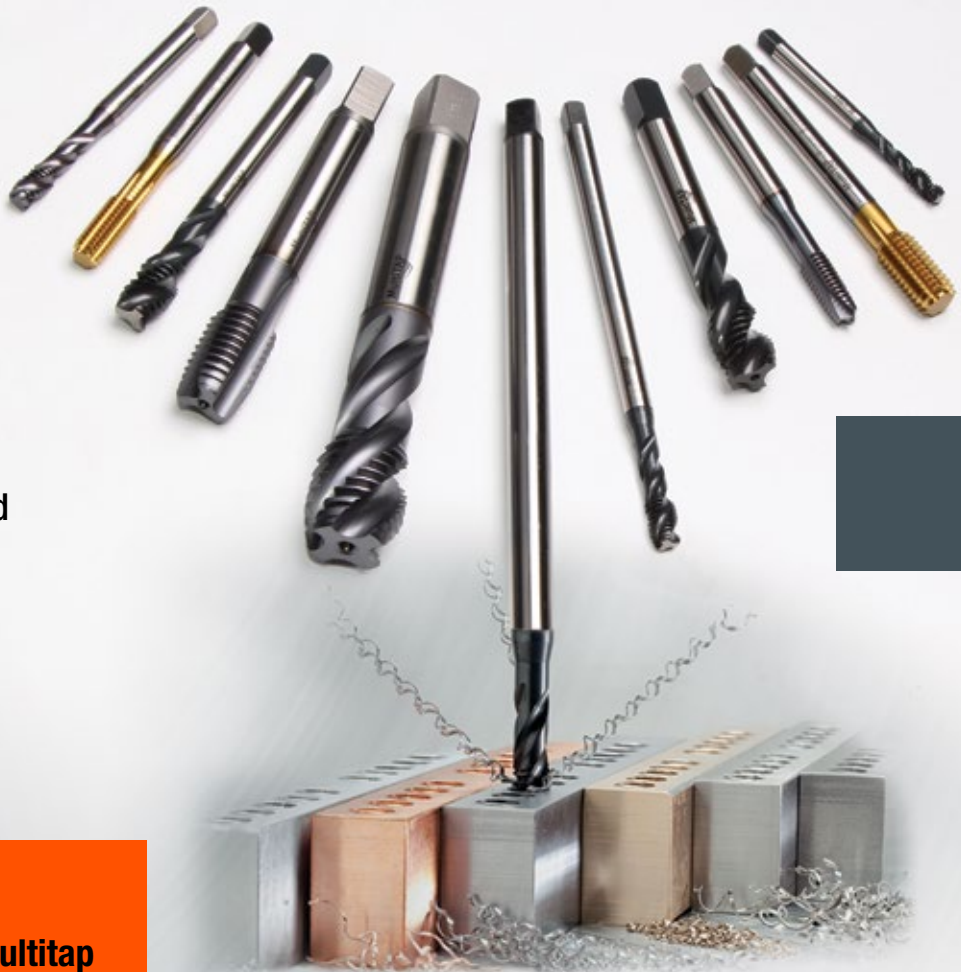
- Remote or onsite support available.
- On-staff EMUGE CNC programmers develop machining cycles in conjunction with the most popular CAD/CAM providers.
- Dedicated application engineering and CAM software team assistance enables cost-effective and efficient manufacturing solutions as well as designs that allow for optimum performance.
- EMUGE-FRANKEN N.A. Technology Center also offers a test cut service that allows manufacturers to run test cuts on actual piece parts or sample materials and also 3-Axis and 5-Axis programming assistance along with programming simulations when required.

Also ask for the original EMUGE MultiTAP line of taps.

MultiTAP™

From cut taps to form taps, extended lengths to different coatings, EMUGE-FRANKEN, the developer and leader of the high performance multi-purpose tap, offers the broadest line in the industry.

To learn more, visit:
www.emuge.com/products/taps/multitap



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EMUGE-FRANKEN has been the product technology and performance leader in their field for over 100 years. EMUGE-FRANKEN manufactures an extensive line of taps, drills, thread mills, end mills, toolholders, clamping devices and other rotary cutting tools, over 40,000 items sold through distributors worldwide.