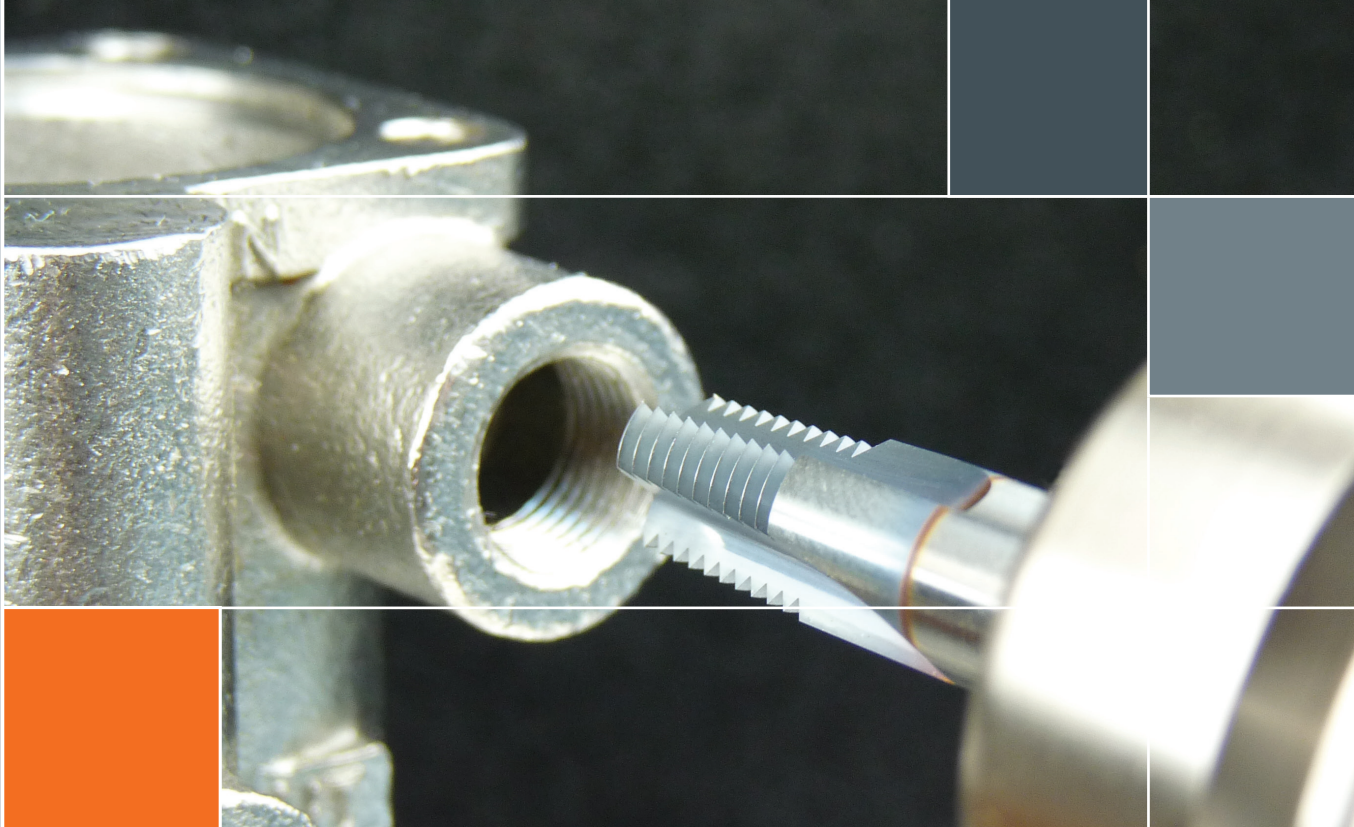


EMUGE

NPT TAPER PIPE THREAD MILLS

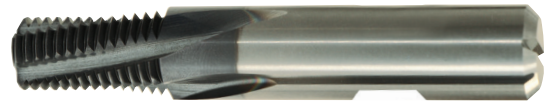
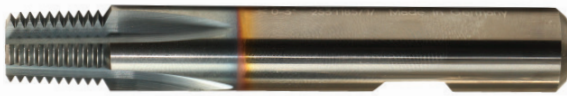


Introducing **NEW GFI-ECO**

Emuge introduces a new GFI design solid carbide thread mill providing maximum value with premium Emuge quality.

- Premium micro-grain carbide substrate.
- Multiple thread sizes with one cutter.
- Precision ground for high repeatability.
- PVD coated multilayer TiCN for wear resistance.
- Cylindrical h6 shank diameter.

NEW
GFI-ECO
Thread Mills!



GFI - For 1/16" thru 2" NPT Taper Pipe

Solid carbide thread mills are designed to produce internal NPT pipe threads to a close tolerance on thread dimensions and limits of size, and with excellent surface quality on the thread flanks to consistently achieve tight, leak-free joints.

Emuge's advanced NPT thread mills

- Premium micro-grain carbide substrate.
- Increased core diameter for maximum rigidity.
- PVD coated multilayer TiCN for wear resistance.
- Finished ground with precise cutting geometry to ensure long tool life, low cycle times and superior finished threads in all materials up to 58 Rc.

GFI-API LP

Innovative high performance thread mills for NPT threads. Extended milling section with 14 cutting teeth, to produce API LP thread depth.

- Increased core diameter and flute count for maximum rigidity and stability.
- Innovative left-hand flute geometry/anti-vibration design.
- Extended milling section for API-LP thread depth.
- TiAlN T46 multilayer coating resists heat, edge wear and chipping.
- Multiple thread sizes possible with 1 tool.
- Precision ground for repeatability.
- Features external coolant channels only.

NEW GFI-ECO Value Offering

NPT Size	Coating	Pitch	Flute Length (in)	OAL (in)	# Flutes	Shank Dia. (in)	EDP No.
1/16	TiCN	27	0.39	2.50	3	1/4	GFT53AA6.5763
1/8	TiCN	27	0.39	2.50	3	1/4	GFT53AA6.5764
1/4 - 3/8	TiCN	18	0.58	2.50	3	5/16	GFT53A06.9677
1/2 - 3/4	TiCN	14	0.82	3.50	4	1/2	GFT53A16.9678
1 - 2	TiCN	11.5	1.09	4.00	4	5/8	GFT53A36.9679

GFI NPT Universal Applications

NPT Size	Coating	Pitch	Flute Length (in)	OAL (in)	# Flutes	Shank Dia. (in)	EDP No.
1/16	TiCN	27	0.39	2.25	3	5/16	GFT53106.5763
1/8	TiCN	27	0.39	2.25	3	5/16	GFT53106.5764
1/4	TiCN	18	0.58	3.25	3	1/2	GFT53116.5765
3/8	TiCN	18	0.58	3.25	4	1/2	GFT53116.5766
1/2 - 3/4	TiCN	14	0.75	3.50	4	5/8	GFT53136.9678
1 - 2	TiCN	11.5	0.91	3.75	5	3/4	GFT53156.9679

GFI-API High Performance Design

NPT Size	Coating	Pitch	Flute Length (in)	OAL (in)	# Flutes	Shank Dia. (in)	EDP No.
1/16 - 1/8	TiAlN T46	27	0.54	2.25	4	5/16	GFT8B209.9676
1/4 - 3/8	TiAlN T46	18	0.80	3.25	4	1/2	GFT8B219.9677
1/2 - 3/4	TiAlN T46	14	1.03	3.25	4	5/8	GFT8B239.9678
1 - 2	TiAlN T46	11.5	1.26	3.75	5	3/4	GFT8B259.9679



HIGH PERFORMANCE TOOLS

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