

MUGEN COATING PREMIUM Thread Cutting Tool (Unify : for Internal Thread)

Total 21 sizes

Thread Mill

○ Carbon Steel P

○ Alloy Steel P

○ Prehardened Steel P

○ Stainless Steel M

○ Titanium Alloy Heat Resistant Alloy S

○ Aluminium Alloy N

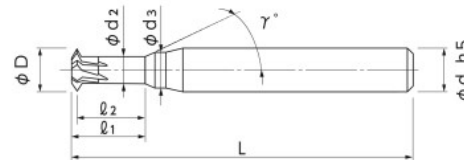
○ Copper N

○ Resin O

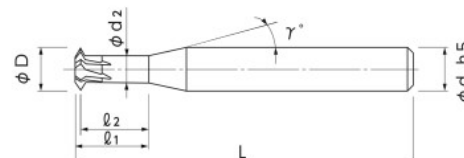
Specialized for unify internal thread.
Available for precise micro threading



4-Flute



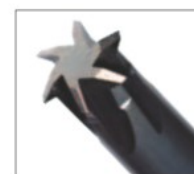
6-Flute



- Improvement of cutting accuracy by adoption of tool design focusing on sharpness.
- MUGEN COATING PREMIUM realized long tool life.
- When the tool is broken during thread milling, the wrekages can be easily removed as the tool diameter is smaller than the pilot hole.



Cutting edge shape
4-Flute



Cutting edge shape
6-Flute

※ This Product should be used in the forward rotation.

Unit : mm

Code No.	Thread Size	Dia. (D)	Under Neck Length (l1)	Effective Thread Length (l2)	Neck Dia. (d2)	Neck Dia. (d3)	Neck Taper Angle (γ)	Shank Dia. (d)	Overall Length (L)	Number of Flute
06-00003-00800	No.0-80UNF	1.16	3.28	3.05	0.72	1.19	30°	4	45	4
06-00003-01640	No.1-64UNC	1.4	3.98	3.71	0.84	-	12°	4	45	6
06-00003-01720	No.1-72UNF	1.45	3.97	3.71	0.93	-	12°	4	45	6
06-00003-02560	No.2-56UNC	1.63	4.67	4.37	0.99	-	12°	4	45	6
06-00003-02640	No.2-64UNF	1.69	4.67	4.37	1.11	-	12°	4	45	6
06-00003-03480	No.3-48UNC	1.88	5.37	5.03	1.15	-	12°	4	45	6
06-00003-03560	No.3-56UNF	1.96	5.36	5.03	1.31	-	12°	4	45	6
06-00003-04400	No.4-40UNC	2.09	6.08	5.69	1.23	-	12°	4	45	6
06-00003-04480	No.4-48UNF	2.21	6.06	5.69	1.46	-	12°	4	45	6
06-00003-05400	No.5-40UNC	2.38	6.76	6.35	1.52	-	12°	4	45	6
06-00003-05440	No.5-44UNF	2.45	6.75	6.35	1.65	-	12°	4	45	6
06-00003-06320	No.6-32UNC	2.54	7.48	7.01	1.50	-	12°	4	45	6
06-00003-06400	No.6-40UNF	2.72	7.45	7.01	1.86	-	12°	4	45	6
06-00003-08320	No.8-32UNC	3.14	8.86	8.34	2.04	-	12°	6	60	6
06-00003-08360	No.8-36UNF	3.24	8.84	8.34	2.24	-	12°	6	60	6
06-00003-10240	No.10-24UNC	3.52	10.29	9.66	2.14	-	12°	6	60	6
06-00003-10320	No.10-32UNF	3.8	10.22	9.66	2.70	-	12°	6	60	6
06-00003-12240	No.12-24UNC	4.14	11.65	10.98	2.72	-	12°	6	60	6
06-00003-12280	No.12-28UNF	4.29	11.62	10.98	3.02	-	12°	6	60	6
06-00003-14200	1/4-20UNC	4.77	13.48	12.7	3.12	-	12°	6	60	6
06-00003-14280	1/4-28UNF	5.16	13.39	12.7	3.89	-	12°	6	60	6

How to Order

When you order, indicate MMTU Thread Size. ※(γ) is reference value.

■ Semi-standard products, please inquire for price and delivery.

NC programming software is available on our website.

URL
https://www.ns-tool.com/en/download/thread_nc_maker/

※ Please read the manual before use.

