C.P.T.
Präzisions Werkzeuge

Promotion is valid until 30.06.2025

MTS/MTSB MINI SOLID CARBIDE THREAD MILL

PROMO

BUY ONLY 2 PIECES OF

MINI SOLID CARBIDE THREAD MILLS

TYPE MTS OR MTSB

AND GET

25 % ADDITIONAL DISCOUNT

Choose between 2 different MTS/MTSB Mini Solid Carbide Thread Mills.

When ordering 2 piecec (free combinable) you get 25 % additional discount.

The Promotion is **only** valid for MTS/MTSB Mini Solid Carbide Thread Mills.

C.P.T.
Präzisions Werkzeuge
info@cpt-werkzeuge.de
www.cpt-werkzeuge.de

Supervised by:

Please specify in your order the promotion code: **MTS-25** and the article numbers of the choosen Mini Solid Carbide Thread Mills.

MTS

- Threading from ISO M1 x 0.25 and 0-80UN.
- Working in high cutting speed.
- Short machining time.
- Low cutting forces thanks to the short profile.
- No broken taps.
- Machining of hardened materials up to 45 HRc.

MTSB

Solid carbide thread mills with internal coolant bore and increased number of flutes for high performance, shorter cycle time and improved tool life.

Advantages

- Enables machining in deep holes.
- Same tool can produce a wide range of threads and pitches.
- Same tool can produce both External and Internal threads.
- Spiral flutes allow smooth cutting action.
- Coolant through the flutes is very effective for deep holes.
- Shorter machining time due to multi (3 to 5) flutes.
- Longer tool life due to special triple coating.

Cutting Data

ISO Standard	Materials	Cutting Speed m/min	Feed mm/tooth Cutting Diameter = D													
			Ø1	Ø1.5	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	Ø9	Ø10	Ø12	Ø14	Ø16
P	Low and Medium Carbon Steels 0.55%C >	60-120	0.04	0.05	0.05	0.07	0.09	0.11	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.18
	High Carbon Steels ≥ 0.55%C	90 60-	0.03	0.04	0.05	0.06	0.08	0.09	0.10	0.12	0.13	0.14	0.14	0.16	0.17	0.18
	Alloy Steels, Treated Steels	80 50-	0.03	0.04	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.12	0.13	0.14
M	Stainless Steels - Free Cutting	70-100	0.02	0.03	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13
	Stainless Steels - Austenitic	90 60-	0.02	0.03	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13
	Cast Steels	90 70-	0.03	0.04	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.12	0.13	0.14
K	Cast Iron	80 40-	0.04	0.05	0.05	0.07	0.09	0.11	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.18
N	Aluminum ≤12%Si, Copper	100-200	0.04	0.05	0.05	0.07	0.09	0.11	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.18
	Aluminum >12% Si	60-140	0.03	0.03	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.11	0.13	0.14
	,Synthetics, Duroplastics Thermoplastics	50-200	0.09	0.10	0.11	0.12	0.14	0.16	0.18	0.19	0.19	0.19	0.19	0.19	0.20	0.20
S	Nickel Alloys and Titanium Alloys	40 20-	0.03	0.03	0.03	0.04	0.04	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08