



COLD FORMING TAPS

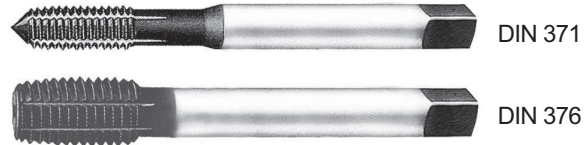
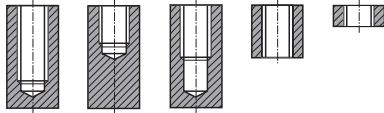
TE703 SERIES

M ISO metric coarse threads DIN 13 Metrisches ISO-Gewinde DIN 13

- ▶ Suitable for threading soft materials with at least 8-10% elongation.
- ▶ The pre-drilling holes are bigger than normal sized holes.

- ▶ Geeignet zum Gewindeformen weicher Werkstoffe mit mindestens 8 - 10% Dehnung.
- ▶ Die Kernlochbohrungen sind größer als normale Kernlöcher.

Hole type

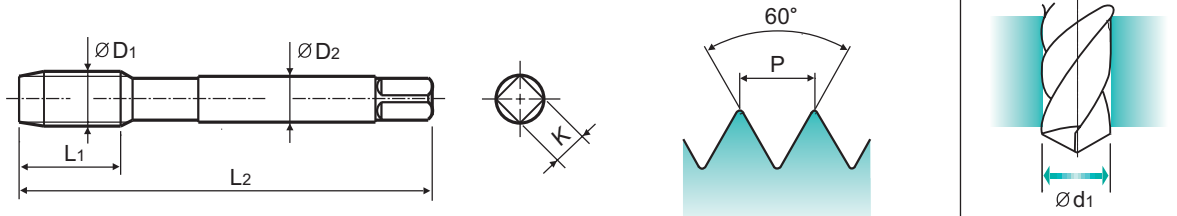


Material groups

GV

HSS-E DIN 371/376 6HX 60° C NI

Cold forming taps with oil grooves
Gewindeformer mit Schmiernuten



SIZE	Pitch	EDP No.	Thread Length	Overall Length	Shank Diameter	Square Size	Tapping drill diameter
ØD1	P		L1	L2	ØD2	K	Ød1
M2	× 0.4	TE703136	8	45	2.8	2.1	1.83
M2.2	× 0.45	TE703156	8	45	2.8	2.1	2
* M2.3	× 0.4	TE703196	8	45	2.8	2.1	2.1
M2.5	× 0.45	TE703176	9	50	2.8	2.1	2.3
* M2.6	× 0.45	TE703496	9	50	2.8	2.1	2.4
M3	× 0.5	TE703206	11	56	3.5	2.7	2.8
M3.5	× 0.6	TE703226	12	56	4	3	3.25
M4	× 0.7	TE703246	13	63	4.5	3.4	3.7
M4.5	× 0.75	TE703266	14	70	6	4.9	4.15
M5	× 0.8	TE703286	15	70	6	4.9	4.65
M6	× 1	TE703316	17	80	6	4.9	5.55
M7	× 1	TE703346	17	80	7	5.5	6.55
M8	× 1.25	TE703366	20	90	8	6.2	7.4
M9	× 1.25	TE703396	20	90	9	7	8.4
M10	× 1.5	TE703426	22	100	10	8	9.3
M11	× 1.5	TE703466	22	100	8	6.2	10.3
M12	× 1.75	TE703506	24	110	9	7	11.2
M14	× 2	TE703546	26	110	11	9	13
M16	× 2	TE703606	27	110	12	9	15
M18	× 2.5	TE703656	30	125	14	11	16.8
M20	× 2.5	TE703706	32	140	16	12	18.8

- ▶ DIN 371(M2~M10) and DIN 376(M11~M20)
- ▶ * DIN profile not ISO

Unit : N/mm²

◎ : Excellent ○ : Good

Steel < 400	Steel < 700	Steel < 850	St. Alloy < 850	St. Alloy ≤ 1200	St. Alloy > 1200	INOX Free < 850	INOX Aust. < 850	INOX < 1000	GG Cast < 500	GG Cast < 1000	GGG Cast < 700	GGG Cast < 1000	Ti < 700	Ti Alloy < 900
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Ti Alloy ≤ 1300	Ni < 500	Ni Alloy < 900	Ni Alloy ≤ 1400	Cu < 350	Cu Alloy Short	Cu Alloy Long	Cu-Al-Fe < 1500	Al / Mg < 350	Al Wrought	Al Si ≤ 10%	Al Si > 10%	Plastic Thermosoft	Plastic Thermoset	Plastic FRP
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

HSS

CARBIDE

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

COLD FORMING TAPS

NUT TAPS

STI TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

THREAD MILLS

TECHNICAL DATA