COMBO TAPS

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TB804 SERIES Vap
TC804 SERIES Bright
TD804 SERIES TiN

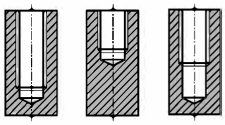
M ISO Metric coarse threads DIN 13

Metrisches ISO-Gewinde DIN 13
ISO MÉTRIQUE DIN13
ISO Metrico passo grosso DIN 13

▶ For using multi-purpose and correct thread profiles & long tool life due to special tap geometry. YG-1 company has a patent.

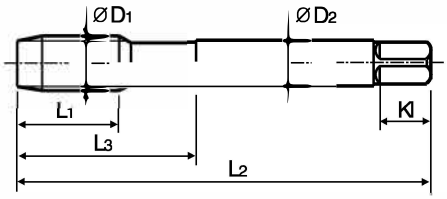
▶ Für vielfältigen Einsatz, genaue Gewindeprofile und lange Standzeitendank einer besonderen Schneidengeometrie. Von YG-1 patentiert.

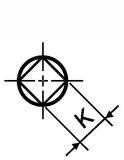
Hole type
2.5×D

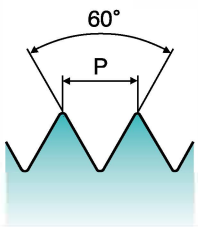


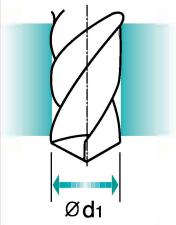
Material groups **MU** | HSS-E | DIN 371/376 | 6H | 60° | C | Vap Bright TiN | R40

Machine taps
Maschinengewindebohrer









Unit : mm

SIZE	Pitch	EDP No.			Thread Length	Overall Length	Neck Length	Shank Diameter	Square Size	Square Length	No. of Flute	Tapping Drill Diameter
ØD1	P	Vap	Bright	TiN	L1	L2	L3	ØD2	K	Kl	Z	Ød1
M2	× 0.4	TB804136	TC804136	TD804136	8	45	13	2.8	2.1	5	3	1.6
M2.2	× 0.45	TB804156	TC804156	TD804156	8	45	13	2.8	2.1	5	3	1.75
M2.3	× 0.4	TB804196	TC804196	TD804196	8	45	13	2.8	2.1	5	3	1.9
M2.5	× 0.45	TB804176	TC804176	TD804176	9	50	15	2.8	2.1	5	3	2.05
M2.6	× 0.45	TB804496	TC804496	TD804496	9	50	15	2.8	2.1	5	3	2.1
M3	× 0.5	TB804206	TC804206	TD804206	6	56	18	3.5	2.7	6	3	2.5
M3.5	× 0.6	TB804226	TC804226	TD804226	7	56	20	4	3	6	3	2.9
M4	× 0.7	TB804246	TC804246	TD804246	7	63	21	4.5	3.4	6	3	3.3
M4.5	× 0.75	TB804266	TC804266	TD804266	8	70	25	6	4.9	8	3	3.7
M5	× 0.8	TB804286	TC804286	TD804286	8	70	25	6	4.9	8	3	4.2
M6	× 1	TB804316	TC804316	TD804316	10	80	30	6	4.9	8	3	5
M7	× 1	TB804346	TC804346	TD804346	10	80	30	7	5.5	8	3	6
M8	× 1.25	TB804366	TC804366	TD804366	13	90	35	8	6.2	9	3	6.8
M9	× 1.25	TB804396	TC804396	TD804396	13	90	35	9	7	10	3	7.8
M10	× 1.5	TB804426	TC804426	TD804426	15	100	39	10	8	11	3	8.5
M11	× 1.5	TB804466	TC804466	TD804466	17	100	40	8	6.2	9	3	9.5
M12	× 1.75	TB804506	TC804506	TD804506	18	110	44	9	7	10	3	10.2
M14	× 2	TB804546	TC804546	TD804546	20	110	44	11	9	12	3	12
M16	× 2	TB804606	TC804606	TD804606	20	110	44	12	9	12	3	14
M18	× 2.5	TB804656	TC804656	TD804656	25	125	50	14	11	14	4	15.5
M20	× 2.5	TB804706	TC804706	TD804706	25	140	54	16	12	15	4	17.5
M22	× 2.5	TB804746	TC804746	TD804746	25	140	54	18	14.5	17	4	19.5
M24	× 3	TB804786	TC804786	TD804786	30	160	60	18	14.5	17	4	21
M27	× 3	TB804866	TC804866	TD804866	30	160	60	20	16	19	4	24
M30	× 3.5	TB804946	TC804946	TD804946	35	180	70	22	18	21	4	26.5

▶ DIN371 (M2~M10) and DIN376 (M11~M30)
* The other coating(TiCN or TiAlN) is available on your request.

Unit : N/mm²

◎ : Excellent ○ : Good

Steel < 400	Steel < 700	Steel < 850	St. Alloy < 850	St. Alloy ≤ 1200	St. Alloy > 1200	INOX Fe < 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
	◎			◎	◎	◎			◎	◎	◎			