COMBO TAPS

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TB814 SERIES Vap
TC814 SERIES Bright
TD814 SERIES TiN

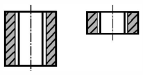
M ISO Metric coarse threads DIN 13

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.

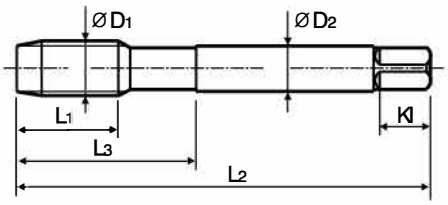
▶ Für vielfältigen Einsatz, genaue Gewindeprofile und lange Standzeitendank einer besonderen Schneidengeometrie. Von YG-1 patentiert.

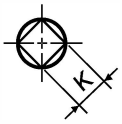
Hole type
3.0×D

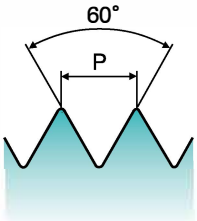


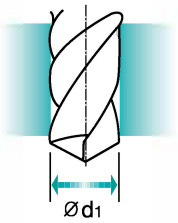
Material groups **MU** | HSS-E | DIN 371/376 | 6H | 60° | B | Vap Bright TiN

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	TB814136	TC814136	TD814136	8	45	13	2.8	2.1	5	3	1.6
M2.2	× 0.45	TB814156	TC814156	TD814156	8	45	13	2.8	2.1	5	3	1.75
M2.3	× 0.4	TB814196	TC814196	TD814196	8	45	13	2.8	2.1	5	3	1.9
M2.5	× 0.45	TB814176	TC814176	TD814176	9	50	15	2.8	2.1	5	3	2.05
M2.6	× 0.45	TB814496	TC814496	TD814496	9	50	15	2.8	2.1	5	3	2.1
M3	× 0.5	TB814206	TC814206	TD814206	11	56	18	3.5	2.7	6	3	2.5
M3.5	× 0.6	TB814226	TC814226	TD814226	12	56	20	4	3	6	3	2.9
M4	× 0.7	TB814246	TC814246	TD814246	13	63	21	4.5	3.4	6	3	3.3
M4.5	× 0.75	TB814266	TC814266	TD814266	14	70	25	6	4.9	8	3	3.7
M5	× 0.8	TB814286	TC814286	TD814286	15	70	25	6	4.9	8	3	4.2
M6	× 1	TB814316	TC814316	TD814316	17	80	30	6	4.9	8	3	5
M7	× 1	TB814346	TC814346	TD814346	17	80	30	7	5.5	8	3	6
M8	× 1.25	TB814366	TC814366	TD814366	20	90	35	8	6.2	9	3	6.8
M9	× 1.25	TB814396	TC814396	TD814396	20	90	35	9	7	10	3	7.8
M10	× 1.5	TB814426	TC814426	TD814426	22	100	39	10	8	11	3	8.5
M11	× 1.5	TB814466	TC814466	TD814466	22	100	40	8	6.2	9	3	9.5
M12	× 1.75	TB814506	TC814506	TD814506	24	110	44	9	7	10	3	10.2
M14	× 2	TB814546	TC814546	TD814546	26	110	44	11	9	12	3	12
M16	× 2	TB814606	TC814606	TD814606	27	110	44	12	9	12	3	14
M18	× 2.5	TB814656	TC814656	TD814656	30	125	50	14	11	14	4	15.5
M20	× 2.5	TB814706	TC814706	TD814706	32	140	54	16	12	15	4	17.5
M22	× 2.5	TB814746	TC814746	TD814746	32	140	54	18	14.5	17	4	19.5
M24	× 3	TB814786	TC814786	TD814786	34	160	60	18	14.5	17	4	21
M27	× 3	TB814866	TC814866	TD814866	36	160	60	20	16	19	4	24
M30	× 3.5	TB814946	TC814946	TD814946	40	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 Free < 850	INOX Aust < 650	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
	◎			◎	◎	◎			◎	◎	◎			