COMBO TAPS

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TQ428 SERIES
TB428 SERIES

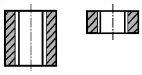
M ISO Metric coarse threads DIN 13

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

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

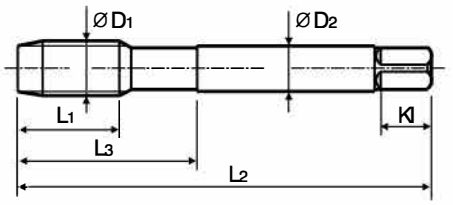
▶ Für rostfreie stähle, genaue Gewindeprofile und lange Standzeitendank einer besonderen Schneidengeometrie. Von YG-1 patentiert.

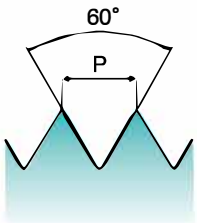
Hole type
3.0×D

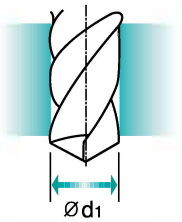


Material groups **VA** | up to M12 **HSS-PM** | over M12 **HSS-E** | **DIN 371/376** | **6H** | **60°** | **B** | **Vap**

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	L1	L2	L3	ØD2	K	Kl	Z	Ød1
M2 ×	0.4	**TQ428136**	8	45	13	2.8	2.1	5	3	1.6
M2.2 ×	0.45	**TQ428156**	8	45	13	2.8	2.1	5	3	1.75
M2.3 ×	0.4	**TQ428196**	8	45	13	2.8	2.1	5	3	1.9
M2.5 ×	0.45	**TQ428176**	9	50	15	2.8	2.1	5	3	2.05
M2.6 ×	0.45	**TQ428496**	9	50	15	2.8	2.1	5	3	2.1
M3 ×	0.5	**TQ428206**	11	56	18	3.5	2.7	6	3	2.5
M3.5 ×	0.6	**TQ428226**	12	56	20	4	3	6	3	2.9
M4 ×	0.7	**TQ428246**	13	63	21	4.5	3.4	6	3	3.3
M4.5 ×	0.75	**TQ428266**	14	70	25	6	4.9	8	3	3.7
M5 ×	0.8	**TQ428286**	15	70	25	6	4.9	8	3	4.2
M6 ×	1	**TQ428316**	17	80	30	6	4.9	8	3	5
M7 ×	1	**TQ428346**	17	80	30	7	5.5	8	3	6
M8 ×	1.25	**TQ428366**	20	90	35	8	6.2	9	3	6.8
M9 ×	1.25	**TQ428396**	20	90	35	9	7	10	3	7.8
M10 ×	1.5	**TQ428426**	22	100	39	10	8	11	3	8.5
M11 ×	1.5	**TQ428466**	22	100	40	8	6.2	9	3	9.5
M12 ×	1.75	**TQ428506**	24	110	44	9	7	10	3	10.2
M14 ×	2	**TB428546**	26	110	44	11	9	12	3	12
M16 ×	2	**TB428606**	27	110	44	12	9	12	3	14
M18 ×	2.5	**TB428656**	30	125	50	14	11	14	4	15.5
M20 ×	2.5	**TB428706**	32	140	54	16	12	15	4	17.5
M22 ×	2.5	**TB428746**	32	140	54	18	14.5	17	4	19.5
M24 ×	3	**TB428786**	34	160	60	18	14.5	17	4	21
M27 ×	3	**TB428866**	36	160	60	20	16	19	4	24
M30 ×	3.5	**TB428946**	40	180	70	22	18	21	4	26.5

▶ DIN371 (M2~M10) and DIN376 (M11~M30)
▶ HSS-PM(M2~M12/TQ428) and HSS-E(M14~M30/TB428)
* Coating(TiN, 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. < 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
				○										