COMBO TAP

Vap **TB834 SERIES**
Bright **TC834 SERIES**
TiN **TD834 SERIES**

UNC Unified coarse threads

Unified Grobgewinde
UNC
Unificato passo grosso

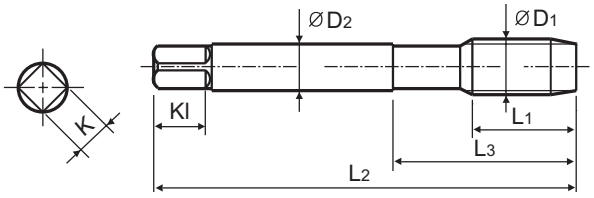
Machine taps
Maschinengewindebohrer

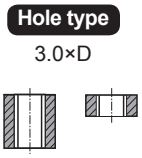
▶ For using multi-purpose and correct thread profiles & long tool life due to special tap geometry. YG-1 company has a patent.

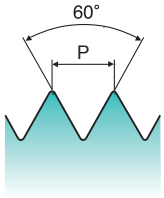
▶ Für vielfältigen Einsatz, genaue Gewindeprofile und lange Standzeitendank einer besonderen Schneidengeometrie. Von YG-1 patentiert.

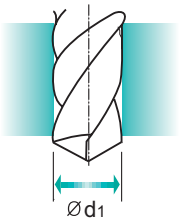












Material groups **MU** | HSS-E | DIN 371/376 | 2B | 60° | B | Vap Bright TiN

p.B131

Recommended ToolHolder: Plain Shank; TAPPING ER CHUCK; TAPPING CHUCK; ONE STEP TAPPING CHUCK

Unit : mm

SIZE ØD1	TPI	EDP No. Vap	Bright	TiN	Thread Length L1	Overall Length L2	Neck Length L3	Shank Diameter ØD2	Square Size K	Square Length Kl	No. of Flute Z	Tapping Drill Diameter Ød1
#4	40 UNC	TB834162	TC834162	TD834162	11	56	18	3.5	2.7	6	3	2.3
#5	40 UNC	TB834202	TC834202	TD834202	11	56	18	3.5	2.7	6	3	2.6
#6	32 UNC	TB834242	TC834242	TD834242	12	56	20	4	3	6	3	2.85
#8	32 UNC	TB834282	TC834282	TD834282	13	63	21	4.5	3.4	6	3	3.5
#10	24 UNC	TB834322	TC834322	TD834322	15	70	25	6	4.9	8	3	3.9
#12	24 UNC	TB834362	TC834362	TD834362	16	80	30	6	4.9	8	3	4.5
1/4	20 UNC	TB834402	TC834402	TD834402	17	80	30	7	5.5	8	3	5.2
5/16	18 UNC	TB834442	TC834442	TD834442	20	90	35	8	6.2	9	3	6.6
3/8	16 UNC	TB834482	TC834482	TD834482	22	100	39	9	7	10	3	8
7/16	14 UNC	TB834522	TC834522	TD834522	22	100	40	8	6.2	9	3	9.4
1/2	13 UNC	TB834562	TC834562	TD834562	25	110	44	9	7	10	3	10.75
9/16	12 UNC	TB834602	TC834602	TD834602	26	110	44	11	9	12	3	12.25
5/8	11 UNC	TB834642	TC834642	TD834642	27	110	44	12	9	12	3	13.5
3/4	10 UNC	TB834702	TC834702	TD834702	30	125	50	14	11	14	4	16.5
7/8	9 UNC	TB834742	TC834742	TD834742	32	140	54	18	14.5	17	4	19.5
1	8 UNC	TB834782	TC834782	TD834782	36	160	60	20	16	19	4	22.25

▶ DIN 371(#4~3/8) and DIN 376(7/16~1)
▶ The other coating(TiCN or TiAlN) is available on your request.

◎ : Excellent ○ : Good

ISO	P											M			K					
Material Description	Non-alloy steel					Low alloy steel				High alloyed steel, and tool steel		Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron	
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HRc		13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
Recommended	○	◎	◎	◎	◎	◎	◎	◎	◎	○		◎	◎	◎	◎	◎	◎	◎		

ISO	N										S							H			
Material Description	Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys					Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
HRc											15	30	25	38	34			55	60	42	55
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
Recommended			◎			◎	◎	◎													