COMBO TAP

Bright **TCJ01** SERIES
TiN **TDJ01** SERIES

UNC Unified coarse threads

Unified Grobgewinde
UNC
Unificato passo grosso

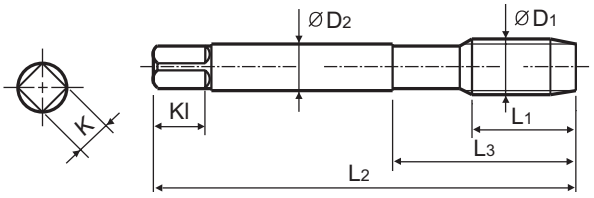
Machine taps
Maschinengewindebohrer

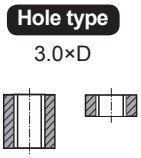
▶ For using multi-purpose and correct thread profiles & long tool life due to special tap geometry. YG-1 company has a patent.

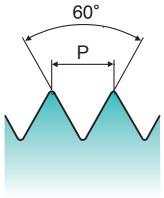
▶ Für vielfältigen Einsatz, genaue Gewindeprofile und lange Standzeitendank einer besonderen Schneidengeometrie. Von YG-1 patentiert.

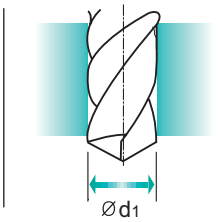












Material groups **MU** | HSS-E | DIN 371/376 | 3B | 60° | B | TiN | Bright

p.B131

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

Unit : mm

SIZE ØD1	TPI	EDP No. Bright	EDP No. 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	TCJ01162	TDJ01162	11	56	18	3.5	2.7	6	3	2.3
#5	40 UNC	TCJ01202	TDJ01202	11	56	18	3.5	2.7	6	3	2.6
#6	32 UNC	TCJ01242	TDJ01242	12	56	20	4	3	6	3	2.85
#8	32 UNC	TCJ01282	TDJ01282	13	63	21	4.5	3.4	6	3	3.5
#10	24 UNC	TCJ01322	TDJ01322	15	70	25	6	4.9	8	3	3.9
#12	24 UNC	TCJ01362	TDJ01362	16	80	30	6	4.9	8	3	4.5
1/4	20 UNC	TCJ01402	TDJ01402	17	80	30	7	5.5	8	3	5.2
5/16	18 UNC	TCJ01442	TDJ01442	20	90	35	8	6.2	9	3	6.6
3/8	16 UNC	TCJ01482	TDJ01482	22	100	39	9	7	10	3	8
7/16	14 UNC	TCJ01522	TDJ01522	22	100	40	8	6.2	9	3	9.4
1/2	13 UNC	TCJ01562	TDJ01562	25	110	44	9	7	10	3	10.75
9/16	12 UNC	TCJ01602	TDJ01602	26	110	44	11	9	12	3	12.25
5/8	11 UNC	TCJ01642	TDJ01642	27	110	44	12	9	12	3	13.5
3/4	10 UNC	TCJ01702	TDJ01702	30	125	50	14	11	14	4	16.5
7/8	9 UNC	TCJ01742	TDJ01742	32	140	54	18	14.5	17	4	19.5
1	8 UNC	TCJ01782	TDJ01782	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) or Surface Treatment(Steam Homo) 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	400Rm	1050Rm	550	630	400	550
Recommended			◎			◎	◎	◎													

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