COMBO TAP

Bright **TCJ02 SERIES**
TiN **TDJ02 SERIES**

UNF

Unified fine threads

Unified Grobgewinde
UNF
Unificato passo fine

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.

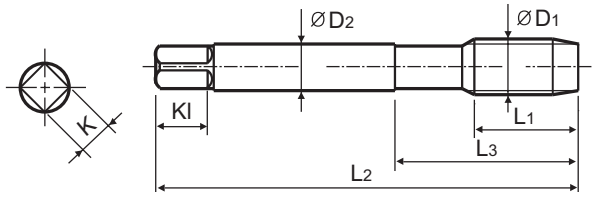
▶ Für vielfältigen Einsatz, genaue Gewindeprofile und lange Standzeitendank einer besonderen Schneidengeometrie. Von YG-1 patentiert.

DIN 371

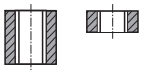


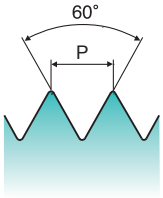
DIN 374

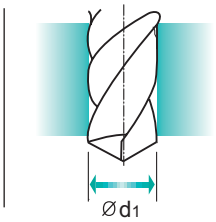




Hole type
3.0×D







Material groups **MU** | HSS-E | DIN 371/374 | 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	48 UNF	TCJ02182	TDJ02182	11	56	18	3.5	2.7	6	3	2.4
#5	44 UNF	TCJ02222	TDJ02222	11	56	18	3.5	2.7	6	3	2.7
#6	40 UNF	TCJ02262	TDJ02262	12	56	20	4	3	6	3	3
#8	36 UNF	TCJ02302	TDJ02302	13	63	21	4.5	3.4	6	3	3.5
#10	32 UNF	TCJ02342	TDJ02342	15	70	25	6	4.9	8	3	4.1
#12	28 UNF	TCJ02382	TDJ02382	16	80	30	6	4.9	8	3	4.7
1/4	28 UNF	TCJ02422	TDJ02422	17	80	30	7	5.5	8	3	5.5
5/16	24 UNF	TCJ02462	TDJ02462	17	90	35	8	6.2	9	3	6.9
3/8	24 UNF	TCJ02502	TDJ02502	18	100	39	9	7	10	3	8.5
7/16	20 UNF	TCJ02542	TDJ02542	22	100	40	8	6.2	9	3	9.9
1/2	20 UNF	TCJ02582	TDJ02582	22	100	40	9	7	10	3	11.5
9/16	18 UNF	TCJ02622	TDJ02622	22	100	40	11	9	12	3	12.9
5/8	18 UNF	TCJ02662	TDJ02662	22	100	40	12	9	12	3	14.5
3/4	16 UNF	TCJ02722	TDJ02722	25	110	44	14	11	14	4	17.5
7/8	14 UNF	TCJ02762	TDJ02762	26	125	50	18	14.5	17	4	20.5
1	12 UNF	TCJ02802	TDJ02802	28	140	54	20	16	19	4	23.25

▶ DIN 371(#4~3/8) and DIN 374(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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