YG TAP CHIP BREAKER

TDE29 SERIES

MF ISO Metric Fine Threads DIN 13

Metrisches ISO-Feingewinde DIN 13
ISO MÉTRIQUE PAS FINS DIN13
ISO Metrico passo fine DIN 13

Machine taps
Maschinengewindebohrer

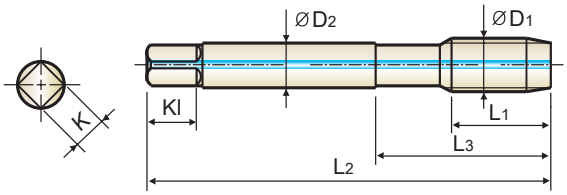
- Solving the productivity problem caused by long chips.
- Particularly suitable for machining non-alloy steel, low alloy steel, high alloy steel, and tool steel

- Lösung des durch lange Späne verursachten Produktivitätsproblems
- Besonders geeignet für die Bearbeitung von unlegiertem Stahl, niedriglegiertem Stahl, hochlegiertem Stahl und Werkzeugstahl

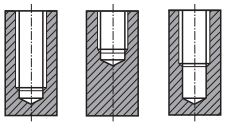
DIN 374

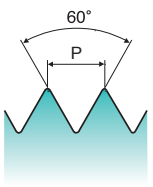


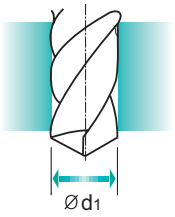
with Internal Coolant



Hole type
2.0×D







HSS-E | DIN 374 | 6H | 60° | C | R15° | TiN

p.B169

Recommended ToolHolder: Plain Shank, SYNCHRO TAPPING CHUCK

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	TiN	L1	L2	L3	ØD2	K	Kl	Z	Ød1
M8	× 1.0	TDE29376R	10	90	36	6	4.9	8	3	7.0
M10	× 1.25	TDE29436R	16	100	40	7	5.5	8	3	8.8
M10	× 1.0	TDE29446R	10	90	36	7	5.5	8	3	9.0
M12	× 1.5	TDE29516R	15	100	40	9	7.0	10	3	10.5
M12	× 1.25	TDE29526R	15	100	40	9	7.0	10	3	10.8
M14	× 1.5	TDE29556R	15	100	40	11	9.0	12	3	12.5
M16	× 1.5	TDE29616R	15	100	40	12	9.0	12	3	14.5
M18	× 1.5	TDE29676R	17	110	44	14	11.0	14	4	16.5
M20	× 1.5	TDE29726R	17	125	50	16	12.0	15	4	18.5

◎ : 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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