


MF ISO Metric fine threads DIN 13

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

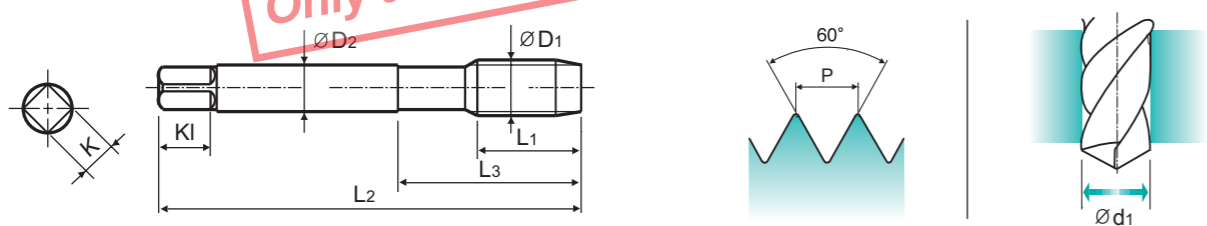
Machine taps
Maschinengewindebohrer


► 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.

DIN 374  **Hole type** 3.0×D

Only available till stock runs out



Material groups VA HSS-E DIN 374 6H 60° B Vap  p.B125

Recommended ToolHolder Plain Shank Page
TAPPING ER CHUCK D215-220
TAPPING CHUCK D221-228
ONE STEP TAPPING CHUCK D211-213

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	KI	Z	Ød1
▲ M14 × 1.5		TB438556	22	100	40	11	9	12	3	12.5
▲ M14 × 1.25		TB438566	22	100	40	11	9	12	3	12.8
▲ M14 × 1.0		TB438576	22	100	40	11	9	12	3	13
▲ M16 × 1.5		TB438616	22	100	40	12	9	12	3	14.5
▲ M16 × 1		TB438626	18	100	40	12	9	12	3	15
▲ M18 × 1.5		TB438676	25	110	44	14	11	14	4	16.5
▲ M18 × 1		TB438686	20	110	44	14	11	14	4	17
▲ M20 × 1.5		TB438726	25	125	50	16	12	15	4	18.5
▲ M20 × 1		TB438736	20	125	50	16	12	15	4	19
▲ M22 × 1.5		TB438766	25	125	50	18	14.5	17	4	20.5
▲ M22 × 1		TB438776	20	125	50	18	14.5	17	4	21
▲ M24 × 2		TB438796	27	140	54	18	14.5	17	4	22
▲ M24 × 1.5		TB438806	27	140	54	18	14.5	17	4	22.5
▲ M26 × 1.5		TB438856	28	140	54	18	14.5	17	4	24.5
▲ M27 × 2		TB438876	28	140	54	20	16	19	4	25
▲ M27 × 1.5		TB438886	28	140	54	20	16	19	4	25.5
▲ M28 × 1.5		TB438916	28	140	54	20	16	19	4	26.5
▲ M30 × 2		TB438966	30	150	57	22	18	21	4	28
▲ M30 × 1.5		TB438976	30	150	57	22	18	21	4	28.5

* Coating(TiN, TiCN or TiAlN) is available on your request. ▲ : Only available till stock runs out

◎ : Excellent ○ : Good

ISO Material Description	P									M						K					
	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	30	10	29	32	38	15	35	15	23	10	10	26	3	25	21	21	
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230	
Recommended	○	○	○	○	○	○	○	○	○	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	


UNC Unified coarse threads


- Unified Grobengewinde
- UNC
- Unificato passo grosso

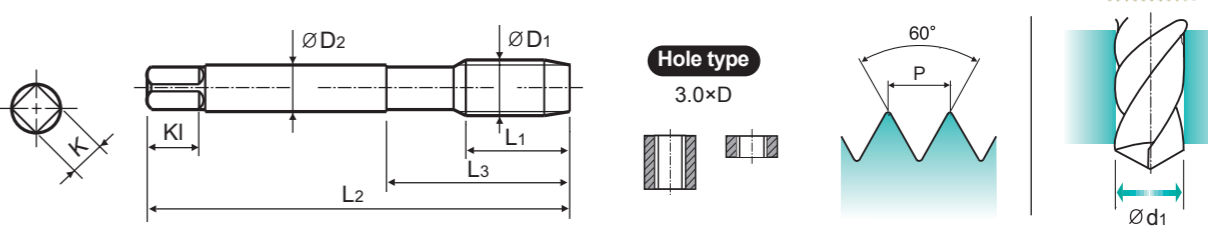
Machine taps
Maschinengewindebohrer


► 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.

DIN 371  **Hole type** 3.0×D

DIN 376 



Material groups MU HSS-E DIN 371/376 2B 60° B Vap Bright TiN  p.B125

Recommended ToolHolder Plain Shank Page
TAPPING ER CHUCK D215-220
TAPPING CHUCK D221-228
ONE STEP TAPPING CHUCK D211-213

SIZE	TPI	EDP No.			Thread Length	Overall Length	Neck Length	Shank Diameter	Square Size	Square Length	No. of Flute	Tapping Drill Diameter
ØD1		Vap	Bright	TiN	L1	L2	L3	ØD2	K	KI	Z	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

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	Non-alloy steel			Low alloy steel			High alloyed steel, and tool steel			Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron				
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HRC	13	25	28	32	30	10	29	32	38	15	35	15	23	10	10	26	3	25	21	21	
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230	
Recommended	○	○	○	○	○	○	○	○	○	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	