

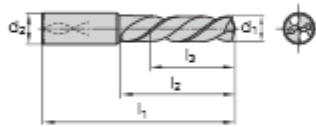


Katalog-Nr.		Cat.-No.		3423C		3433C				
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S				□		□				
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d ₁	l ₂	l ₁	l ₃	d ₂	Ident No.	LMT-Code	Ident No.	LMT-Code	Für Gewindebohren For taps	Für Gewindeformen For forming taps
2,5	13	55	9	6	7160299	M0322.0250.HAK	7160437	M0322.0250.HEK	M 3 x 0,5	
2,8	16	58	11	6	7138082	M0322.0280.HAK	7160440	M0322.0280.HEK	UNC Nr. 6	M 3 x 0,5
3	20	62	14	6	7130651	M0322.0300.HAK	7160442	M0322.0300.HEK		
3,1	20	62	14	6	7160303	M0322.0310.HAK	7160443	M0322.0310.HEK		UNC Nr. 6
3,2	20	62	14	6	7160304	M0322.0320.HAK	7160444	M0322.0320.HEK		M 3,5 x 0,6; UNF Nr. 6
3,3	20	62	14	6	7160305	M0322.0330.HAK	7160445	M0322.0330.HEK	M 4 x 0,7	
3,4	20	62	14	6	7160306	M0322.0340.HAK	7160446	M0322.0340.HEK	UNC Nr. 8	
3,5	20	62	14	6	7160307	M0322.0350.HAK	7160447	M0322.0350.HEK	MF 4 x 0,5; UNF Nr. 8	
3,6	20	62	14	6	7160308	M0322.0360.HAK	7160448	M0322.0360.HEK		
3,7	20	62	14	6	7136487	M0322.0370.HAK	7160449	M0322.0370.HEK		M 4 x 0,7
3,8	24	66	17	6	7159520	M0322.0380.HAK	7160450	M0322.0380.HEK	M 4,5 x 0,75	UNC Nr. 8
3,9	24	66	17	6	7160309	M0322.0390.HAK	7160451	M0322.0390.HEK	UNC Nr. 10	
4	24	66	17	6	7160310	M0322.0400.HAK	7160452	M0322.0400.HEK		
4,1	24	66	17	6	7160311	M0322.0410.HAK	7160453	M0322.0410.HEK	UNF Nr. 10	
4,2	24	66	17	6	7160312	M0322.0420.HAK	7160454	M0322.0420.HEK	M 5 x 0,8	
4,3	24	66	17	6	7160313	M0322.0430.HAK	7160455	M0322.0430.HEK		UNC Nr. 10
4,4	24	66	17	6	7130652	M0322.0440.HAK	7160456	M0322.0440.HEK		
4,5	24	66	17	6	7160314	M0322.0450.HAK	7160457	M0322.0450.HEK	MF 5 x 0,5; UNC Nr. 12	
4,6	24	66	17	6	7123267	M0322.0460.HAK	7160458	M0322.0460.HEK	UNF Nr. 12	
4,7	24	66	17	6	7160315	M0322.0470.HAK	7160460	M0322.0470.HEK		
4,8	28	66	20	6	7160316	M0322.0480.HAK	7160461	M0322.0480.HEK		
4,9	28	66	20	6	7160317	M0322.0490.HAK	7160462	M0322.0490.HEK		
5	28	66	20	6	7137810	M0322.0500.HAK	7160463	M0322.0500.HEK	M 6 x 1	UNC Nr. 12
5,1	28	66	20	6	7160318	M0322.0510.HAK	7160464	M0322.0510.HEK	UNC 1/4	
5,2	28	66	20	6	7154769	M0322.0520.HAK	7160465	M0322.0520.HEK		
5,3	28	66	20	6	7160319	M0322.0530.HAK	7160466	M0322.0530.HEK	MF 6 x 0,75	
5,4	28	66	20	6	7160320	M0322.0540.HAK	7160467	M0322.0540.HEK		
5,5	28	66	20	6	7138873	M0322.0550.HAK	7160468	M0322.0550.HEK	MF 6 x 0,5; UNF 1/4	

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■ - Hauptanwendung First choice
□ - Nebenanwendung Alternative



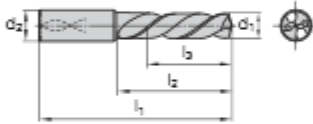
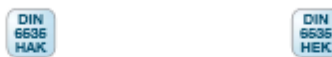


Katalog-Nr.		Cat.-No.		3423C		3433C				
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d ₁	l ₂	l ₁	l ₃	d ₂	Ident No.	LMT-Code	Ident No.	LMT-Code	Für Gewindebohren For taps	Für Gewindeformen For forming taps
5,55	28	66	20	6	7147580	M0322.0555.HAK	7160469	M0322.0555.HEK		M 6 x 1
5,6	28	66	20	6	7160321	M0322.0560.HAK	7160470	M0322.0560.HEK		
5,7	28	66	20	6	7160322	M0322.0570.HAK	7160471	M0322.0570.HEK		
5,8	28	66	20	6	7160323	M0322.0580.HAK	7160472	M0322.0580.HEK		
5,9	28	66	20	6	7160324	M0322.0590.HAK	7160473	M0322.0590.HEK		UNF 1/4
6	28	66	20	6	7160325	M0322.0600.HAK	7160474	M0322.0600.HEK	M 7 x 1	
6,1	34	79	24	8	7160326	M0322.0610.HAK	7160475	M0322.0610.HEK		
6,2	34	79	24	8	7160327	M0322.0620.HAK	7160476	M0322.0620.HEK		
6,3	34	79	24	8	7160328	M0322.0630.HAK	7160477	M0322.0630.HEK		
6,4	34	79	24	8	7160329	M0322.0640.HAK	7160478	M0322.0640.HEK		
6,5	34	79	24	8	7137811	M0322.0650.HAK	7160479	M0322.0650.HEK		
6,55	34	79	24	8	7160330	M0322.0655.HAK	7160480	M0322.0655.HEK		M 7 x 1
6,6	34	79	24	8	7154770	M0322.0660.HAK	7160481	M0322.0660.HEK	UNC 5/16	
6,7	34	79	24	8	7160331	M0322.0670.HAK	7160482	M0322.0670.HEK		
6,8	34	79	24	8	7137812	M0322.0680.HAK	7160483	M0322.0680.HEK	M 8 x 1,25; G 1/16	
6,9	34	79	24	8	7134868	M0322.0690.HAK	7160484	M0322.0690.HEK	UNF 5/16	
7	34	79	24	8	7160332	M0322.0700.HAK	7160485	M0322.0700.HEK	MF 8 x 1	
7,1	41	79	29	8	7160333	M0322.0710.HAK	7160486	M0322.0710.HEK		
7,2	41	79	29	8	7160334	M0322.0720.HAK	7160487	M0322.0720.HEK		
7,25	41	79	29	8	7160335	M0322.0725.HAK	7160488	M0322.0725.HEK	MF 8 x 0,75	UNC 5/16; G 1/16
7,3	41	79	29	8	7160336	M0322.0730.HAK	7160489	M0322.0730.HEK		
7,4	41	79	29	8	7160337	M0322.0740.HAK	7160490	M0322.0740.HEK		
7,45	41	79	29	8	7159517	M0322.0745.HAK	7160491	M0322.0745.HEK		M 8 x 1,25; UNF 5/16
7,5	41	79	29	8	7160338	M0322.0750.HAK	7160492	M0322.0750.HEK	MF 8 x 0,5	
7,55	41	79	29	8	7159519	M0322.0755.HAK	7160493	M0322.0755.HEK		MF 8 x 1
7,6	41	79	29	8	7160339	M0322.0760.HAK	7160494	M0322.0760.HEK		
7,7	41	79	29	8	7160340	M0322.0770.HAK	7160495	M0322.0770.HEK		
7,8	41	79	29	8	7147579	M0322.0780.HAK	7147500	M0322.0780.HEK	M 9 x 1,25	

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■ - Hauptanwendung First choice
□ - Nebenanwendung Alternative

→ für HPF-Gewindeformer
for HPF-Forming taps



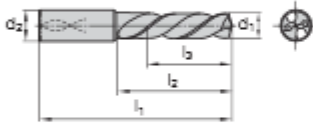
Katalog-Nr.		Cat.-No.		3423C		3433C				
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d ₁	l ₂	l ₁	l ₃	d ₂	Ident No.	LMT-Code	Ident No.	LMT-Code	Für Gewindebohren For taps	Für Gewindeformen For forming taps
7,9	41	79	29	8	7160341	M0322.0790.HAK	7160496	M0322.0790.HEK		
8	41	79	29	8	7160342	M0322.0800.HAK	7160497	M0322.0800.HEK	MF 9 x 1; UNC 3/8	
8,1	47	89	35	10	7160343	M0322.0810.HAK	7160498	M0322.0810.HEK		
8,2	47	89	35	10	7160344	M0322.0820.HAK	7160499	M0322.0820.HEK		
8,3	47	89	35	10	7148328	M0322.0830.HAK	7160500	M0322.0830.HEK	MF 9 x 0,75	
8,4	47	89	35	10	7160345	M0322.0840.HAK	7160501	M0322.0840.HEK		M 9 x 1,25
8,5	47	89	35	10	7137813	M0322.0850.HAK	7160502	M0322.0850.HEK	M 10 x 1,5; UNF 3/8	
8,6	47	89	35	10	7148331	M0322.0860.HAK	7160503	M0322.0860.HEK		
8,7	47	89	35	10	7148327	M0322.0870.HAK	7160504	M0322.0870.HEK		
8,75	47	89	35	10	7160346	M0322.0875.HAK	7160505	M0322.0875.HEK	MF 10 x 1,25	UNC 3/8
8,8	47	89	35	10	7160347	M0322.0880.HAK	7160506	M0322.0880.HEK	G 1/8	
8,9	47	89	35	10	7160348	M0322.0890.HAK	7160507	M0322.0890.HEK		
9	47	89	35	10	7148330	M0322.0900.HAK	7160508	M0322.0900.HEK	MF 10 x 1	UNF 3/8
9,1	47	89	35	10	7160349	M0322.0910.HAK	7160509	M0322.0910.HEK		
9,2	47	89	35	10	7160350	M0322.0920.HAK	7160510	M0322.0920.HEK		
9,25	47	89	35	10	7160351	M0322.0925.HAK	7160511	M0322.0925.HEK	MF 10 x 0,75	G 1/8
9,3	47	89	35	10	7160352	M0322.0930.HAK	7160512	M0322.0930.HEK		M 10 x 1,5
9,4	47	89	35	10	7160353	M0322.0940.HAK	7160513	M0322.0940.HEK	UNC 7/16	MF 10 x 1,25
9,5	47	89	35	10	7160354	M0322.0950.HAK	7160514	M0322.0950.HEK	M 11 x 1,5	
9,55	47	89	35	10	7160355	M0322.0955.HAK	7160515	M0322.0955.HEK		MF 10 x 1
9,6	47	89	35	10	7160356	M0322.0960.HAK	7160516	M0322.0960.HEK		
9,7	47	89	35	10	7160357	M0322.0970.HAK	7160517	M0322.0970.HEK		MF 10 x 0,75
9,8	47	89	35	10	7160358	M0322.0980.HAK	7160518	M0322.0980.HEK		
9,9	47	89	35	10	7160359	M0322.0990.HAK	7160519	M0322.0990.HEK	UNF 7/16	
10	47	89	35	10	7160360	M0322.1000.HAK	7160520	M0322.1000.HEK	MF 11 x 1	
10,1	55	102	40	12	7160361	M0322.1010.HAK	7160521	M0322.1010.HEK		
10,2	55	102	40	12	7154773	M0322.1020.HAK	7160522	M0322.1020.HEK		UNC 7/16
10,3	55	102	40	12	7148328	M0322.1030.HAK	7160523	M0322.1030.HEK	M 12 x 1,75	
10,4	55	102	40	12	7160362	M0322.1040.HAK	7160524	M0322.1040.HEK		

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Cutting data recommendations see page 398

■ - Hauptanwendung First choice
□ - Nebenanwendung Alternative

■ für HPF-Gewindeformer
□ für HPF-Forming taps



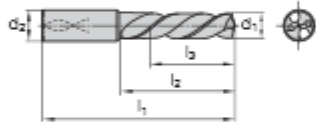


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d ₁	l ₂	l ₁	l ₃	d ₂	Ident No.	LMT-Code	Ident No.	LMT-Code	Für Gewindebohren For taps	Für Gewindeformen For forming taps
10,5	55	102	40	12	7148329	M0322.1050.HAK	7160525	M0322.1050.HEK	MF 12 x 1,5	UNF 7/16
10,6	55	102	40	12	7148325	M0322.1060.HAK	7160527	M0322.1060.HEK		
10,7	55	102	40	12	7148324	M0322.1070.HAK	7160528	M0322.1070.HEK		
10,8	55	102	40	12	7148323	M0322.1080.HAK	7160529	M0322.1080.HEK	MF 12 x 1,25; UNC 1/2	
10,9	55	102	40	12	7160364	M0322.1090.HAK	7160530	M0322.1090.HEK		
11	55	102	40	12	7160365	M0322.1100.HAK	7160531	M0322.1100.HEK	MF 12 x 1	
11,1	55	102	40	12	7160366	M0322.1110.HAK	7160532	M0322.1110.HEK		
11,2	55	102	40	12	7160367	M0322.1120.HAK	7160533	M0322.1120.HEK		M 12 x 1,75
11,3	55	102	40	12	7160368	M0322.1130.HAK	7160534	M0322.1130.HEK		MF 12 x 1,5
11,4	55	102	40	12	7148322	M0322.1140.HAK	7160535	M0322.1140.HEK		MF 12 x 1,25
11,5	55	102	40	12	7160369	M0322.1150.HAK	7160536	M0322.1150.HEK	UNF 1/2	
11,55	55	102	40	12	7160370	M0322.1155.HAK	7160537	M0322.1155.HEK		MF 12 x 1
11,6	55	102	40	12	7160371	M0322.1160.HAK	7160538	M0322.1160.HEK		
11,7	55	102	40	12	7160372	M0322.1170.HAK	7160539	M0322.1170.HEK		UNC 1/2
11,8	55	102	40	12	7133586	M0322.1180.HAK	7160540	M0322.1180.HEK	G 1/4	
11,9	55	102	40	12	7160373	M0322.1190.HAK	7160541	M0322.1190.HEK		
12	55	102	40	12	7136357	M0322.1200.HAK	7160542	M0322.1200.HEK	M 14 x 2	
12,1	60	107	43	14	7160374	M0322.1210.HAK	7160543	M0322.1210.HEK		UNF 1/2
12,5	60	107	43	14	7160376	M0322.1250.HAK	7160545	M0322.1250.HEK	MF 14 x 1,5	G 1/4
12,8	60	107	43	14	7160377	M0322.1280.HAK	7160546	M0322.1280.HEK	MF 14 x 1,25	
12,9	60	107	43	14	7160378	M0322.1290.HAK	7160547	M0322.1290.HEK	UNF 9/16	
13	60	107	43	14	7148321	M0322.1300.HAK	7160548	M0322.1300.HEK	MF 14 x 1	
13,1	60	107	43	14	7160379	M0322.1310.HAK	7160549	M0322.1310.HEK		M 14 x 2
13,2	60	107	43	14	7160380	M0322.1320.HAK	7160550	M0322.1320.HEK		UNC 9/16
13,3	60	107	43	14	7160381	M0322.1330.HAK	7160551	M0322.1330.HEK		MF 14 x 1,5
13,5	60	107	43	14	7160382	M0322.1350.HAK	7160552	M0322.1350.HEK	MF 15 x 1,5; UNC 5/8	
13,55	60	107	43	14	7160383	M0322.1355.HAK	7160553	M0322.1355.HEK		MF 14 x 1
13,6	60	107	43	14	7160384	M0322.1360.HAK	7160554	M0322.1360.HEK		UNF 9/16
13,8	60	107	43	14	7160385	M0322.1380.HAK	7160555	M0322.1380.HEK		

Schnittwertempfehlungen siehe Seite 398
Cutting data recommendations see page 398

■ - Hauptanwendung First choice
□ - Nebenanwendung Alternative

→ für HPF-Gewindeformer
for HPF-Forming taps



Katalog-Nr.		Cat.-No.		3423C		3433C				
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d ₁	l ₂	l ₁	l _g	d ₂	Ident No.	LMT-Code	Ident No.	LMT-Code	Für Gewindebohren For taps	Für Gewindeformen For forming taps
14	60	107	43	14	7160386	M0322.1400.HAK	7160556	M0322.1400.HEK	M 16 x 2; MF 15 x 1	
14,5	65	115	45	16	7160387	M0322.1450.HAK	7160557	M0322.1450.HEK	MF 16 x 1,5; UNF 5/8	
14,8	65	115	45	16	7160388	M0322.1480.HAK	7160558	M0322.1480.HEK		UNC 5/8
15	65	115	45	16	7160389	M0322.1500.HAK	7160559	M0322.1500.HEK	MF 16 x 1	
15,05	65	115	45	16	7160390	M0322.1505.HAK	7160560	M0322.1505.HEK		M 16 x 2
15,2	65	115	45	16	7160391	M0322.1520.HAK	7160561	M0322.1520.HEK		UNF 5/8
15,3	65	115	45	16	7160392	M0322.1530.HAK	7160562	M0322.1530.HEK	G 3/8	MF 16 x 1,5
15,5	65	115	45	16	7160393	M0322.1550.HAK	7160563	M0322.1550.HEK	M 18 x 2,5	
15,55	65	115	45	16	7160394	M0322.1555.HAK	7160564	M0322.1555.HEK		MF 16 x 1
15,8	65	115	45	16	7160395	M0322.1580.HAK	7160565	M0322.1580.HEK		
16	65	115	45	16	7160396	M0322.1600.HAK	7160566	M0322.1600.HEK	MF 18 x 2	G 3/8
16,5	73	123	51	18	7160422	M0322.1650.HAK	7152388	M0322.1650.HEK	MF 18 x 1,5; UNC 3/4	
16,8	73	123	51	18	7160423	M0322.1680.HAK	7160567	M0322.1680.HEK		M 18 x 2,5
17	73	123	51	18	7160424	M0322.1700.HAK	7160568	M0322.1700.HEK	MF 18 x 1	
17,3	73	123	51	18	7160425	M0322.1730.HAK	7160569	M0322.1730.HEK		MF 18 x 1,5
17,5	73	123	51	18	7160426	M0322.1750.HAK	7160570	M0322.1750.HEK	M 20 x 2,5; UNF 3/4	
17,55	73	123	51	18	7160427	M0322.1755.HAK	7160571	M0322.1755.HEK		MF 18 x 1
17,8	73	123	51	18	7160428	M0322.1780.HAK	7160572	M0322.1780.HEK		UNC 3/4
18	73	123	51	18	7160429	M0322.1800.HAK	7160573	M0322.1800.HEK	MF 20 x 2	
18,3	79	131	55	20	7160430	M0322.1830.HAK	7160574	M0322.1830.HEK		UNF 3/4
18,5	79	131	55	20	7160431	M0322.1850.HAK	7160575	M0322.1850.HEK	MF 20 x 1,5	
18,8	79	131	55	20	7160432	M0322.1880.HAK	7160576	M0322.1880.HEK		M 20 x 2,5
19	79	131	55	20	7160433	M0322.1900.HAK	7160577	M0322.1900.HEK	MF 20 x 1; G 1/2	
19,3	79	131	55	20	7160434	M0322.1930.HAK	7160578	M0322.1930.HEK		MF 20 x 1,5
19,5	79	131	55	20	7149711	M0322.1950.HAK	7160579	M0322.1950.HEK	M 22 x 2,5; UNC 7/8	
19,8	79	131	55	20	7160435	M0322.1980.HAK	7160580	M0322.1980.HEK		
20	79	131	55	20	7160436	M0322.2000.HAK	7160581	M0322.2000.HEK	MF 22 x 2	G 1/2

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■ - Hauptanwendung First choice
□ - Nebenanwendung Alternative

□ für HPF-Gewindeformer
for HPF-Forming taps