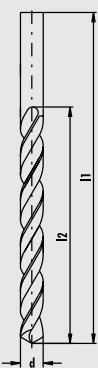


Spiralbohrer mit Zylinderschaft HSS, kurz, DIN 338
 Twist Drills with straight shank HSS, jobber length, DIN 338



Typ/Type	Precise	N/Std. helix	N/Std. helix	SN	SN-TOP
Bestell-Nr./List-No.	227243	233518	233526	228243	228233
Schneidstoff/Cutting material	HSS	HSS	HSS	HSS	HSS
Schneidrichtung/Cutting direction	rechts/R.H.	rechts/R.H.	rechts/L.H.	rechts/R.H.	rechts/R.H.
Ausspitzung/Web thinning	–	> 14,0 Form A	–	Form C	Form C
Oberfläche/Surface	■	■	■	□	■
Spitzenwinkel/Point angle	118°	118°	118°	130°	130°
Rabattgruppe/Discount group	113	111	110	111	111

d mm	d ins	l1 mm	l2 mm	Precise	N/Std. helix	N/Std. helix	SN	SN-TOP
0,30	19	3		●				
0,35	19	4		●				
0,40	20	5		●				
0,45	20	5		●				
0,50	22	6		●				
0,55	24	7		●				
0,60	24	7		●				
0,65	26	8		●				
0,70	28	9		●				
0,75	28	9		●				
0,80	30	10		●				
0,85	30	10		●				
0,90	32	11		●				
0,95	32	11		●				
1,00	34	12		●	●	●	●	●
1,05	34	12		●	●	●		
1,10	36	14		●	●	●	●	
1,15	36	14		●	●	●		
1,20	38	16		●	●	●	●	
1,25	38	16		●	●	●		
1,30	38	16		●	●	●	●	
1,35	40	18		●	●			
1,40	40	18		●	●	●	●	
1,45	40	18		●	●	●		
1,50	40	18		●	●	●	●	●
1,55	43	20		●	●	●		
1,60	43	20		●	●	●	●	
1,65	43	20		●	●			
1,70	43	20		●	●	●	●	
1,75	46	22		●	●			
1,80	46	22		●	●	●	●	
1,85	46	22		●	●			
1,90	46	22		●	●	●		
1,95	49	24		●	●			
2,00	49	24		●	●	●	●	
2,10	49	24		●	●	●	●	
2,20	53	27		●	●	●	●	
2,25	53	27		●	●			
2,30	53	27		●	●	●	●	

Spiralbohrer mit Zylinderschaft HSS, kurz, DIN 338
 Twist Drills with straight shank HSS, jobber length, DIN 338

Typ / Type	Precise	N / Std. helix	N / Std. helix	SN	SN-TOP
Bestell-Nr. / List-No.	227243	233518	233526	228243	228233
Schneidstoff / Cutting material	HSS	HSS	HSS	HSS	HSS
Schneidrichtung / Cutting direction	rechts / R.H.	rechts / R.H.	rechts / L.H.	rechts / R.H.	rechts / R.H.
Ausspitzung / Web thinning	—	> 14,0 Form A	—	Form C	Form C
Oberfläche / Surface	■	■	■	□	■
Spitzenwinkel / Point angle	118°	118°	118°	130°	130°
Rabattgruppe / Discount group	113	111	110	111	111
d mm	d ins	l1 mm	l2 mm	● ab Lager on stock ○ auf Anfrage on request	
2,381	3/32	57	30	●	●
2,40		57	30	●	●
2,50		57	30	●	●
2,60		57	30	●	●
2,70		61	33	●	●
2,75		61	33	●	●
2,778	7/64	61	33	●	●
2,80		61	33	●	●
2,90		61	33	●	●
3,00		61	33	●	●
3,10		65	36	●	●
3,175	1/8	65	36	●	●
3,20		65	36	●	●
3,25		65	36	●	●
3,30		65	36	●	●
3,40		70	39	●	●
3,50		70	39	●	●
3,572	9/64	70	39	●	●
3,60		70	39	●	●
3,70		70	39	●	●
3,75		70	39	●	●
3,80		75	43	●	●
3,90		75	43	●	●
3,969	5/32	75	43	●	●
4,00		75	43	●	●
4,10		75	43	●	●
4,20		75	43	●	●
4,25		75	43	●	●
4,30		80	47	●	●
4,366	11/64	80	47	●	●
4,40		80	47	●	●
4,50		80	47	●	●
4,60		80	47	●	●
4,70		80	47	●	●
4,75		80	47	●	●
4,763	3/16	86	52	●	●
4,80		86	52	●	●
4,90		86	52	●	●
5,00		86	52	●	●
5,10		86	52	●	●
5,159	13/64	86	52	●	●
5,20		86	52	●	●
5,25		86	52	●	●
5,30		86	52	●	●
5,40		93	57	●	●
5,50		93	57	●	●
5,556	7/32	93	57	●	●
5,60		93	57	●	●
5,70		93	57	●	●
5,75		93	57	●	●
5,80		93	57	●	●
5,90		93	57	●	●
5,953	15/64	93	57	●	●
6,00		93	57	●	●

A

B

C

D

E

F

G

Spiralbohrer mit Zylinderschaft HSS, kurz, DIN 338
 Twist Drills with straight shank HSS, jobber length, DIN 338

Typ / Type	Precise	N / Std. helix	N / Std. helix	SN	SN-TOP
Bestell-Nr. / List-No.	227243	233518	233526	228243	228233
Schneidstoff / Cutting material	HSS	HSS	HSS	HSS	HSS
Schneidrichtung / Cutting direction	rechts / R.H.	rechts / R.H.	rechts / L.H.	rechts / R.H.	rechts / R.H.
Ausspitzung / Web thinning	—	> 14,0 Form A	—	Form C	Form C
Oberfläche / Surface	■	■	■	□	■
Spitzenwinkel / Point angle	118°	118°	118°	130°	130°
Rabattgruppe / Discount group	113	111	110	111	111
d mm	d ins	l1 mm	l2 mm		
				● ab Lager on stock	○ auf Anfrage on request
6,10	101	63	●	●	●
6,20	101	63	●	●	●
6,25	101	63	●	●	●
6,30	101	63	●	●	●
6,350	1/4	101	63	●	●
6,40		101	63	●	●
6,50	101	63	●	●	●
6,60	101	63	●	●	●
6,70	101	63	●	●	●
6,75	109	69	●	●	●
6,80	109	69	●	●	●
6,90	109	69	●	●	●
7,00	109	69	●	●	●
7,10	109	69	●	●	●
7,144	9/32	109	69	●	●
7,20		109	69	●	●
7,25	109	69	●	●	●
7,30	109	69	●	●	●
7,40	109	69	●	●	●
7,50	109	69	●	●	●
7,60	117	75	●	●	●
7,70	117	75	●	●	●
7,75	117	75	●	●	●
7,80	117	75	●	●	●
7,90	117	75	●	●	●
7,938	5/16	117	75	●	●
8,00		117	75	●	●
8,10	117	75	●	●	●
8,20	117	75	●	●	●
8,25	117	75	●	●	●
8,30	117	75	●	●	●
8,40	117	75	●	●	●
8,50	117	75	●	●	●
8,60	125	81	●	●	●
8,70	125	81	●	●	●
8,731	11/32	125	81	●	●
8,75		125	81	●	●
8,80	125	81	●	●	●
8,90	125	81	●	●	●
9,00	125	81	●	●	●
9,10	125	81	●	●	●
9,20	125	81	●	●	●
9,25	125	81	●	●	●
9,30	125	81	●	●	●
9,40	125	81	●	●	●
9,50	125	81	●	●	●
9,525	3/8	133	87	●	●
9,60		133	87	●	●
9,70	133	87	●	●	●
9,75	133	87	●	●	●
9,80	133	87	●	●	●
9,90	133	87	●	●	●
10,00	133	87	●	●	●
10,10	133	87	●	●	●

Spiralbohrer mit Zylinderschaft HSS, kurz, DIN 338

Twist Drills with straight shank HSS, jobber length, DIN 338

Typ / Type	Precise	N / Std. helix	N / Std. helix	SN	SN-TOP
Bestell-Nr. / List-No.	227243	233518	233526	228243	228233
Schneidstoff / Cutting material	HSS	HSS	HSS	HSS	HSS
Schneidrichtung / Cutting direction	rechts / R.H.	rechts / R.H.	rechts / L.H.	rechts / R.H.	rechts / R.H.
Ausspitzung / Web thinning	–	> 14,0 Form A	–	Form C	Form C
Oberfläche / Surface	■	■	■	□	■
Spitzenwinkel / Point angle	118°	118°	118°	130°	130°
Rabattgruppe / Discount group	113	111	110	111	111
d mm	d ins	l1 mm	l2 mm	● ab Lager on stock ○ auf Anfrage on request	
10,20	133	87	●	●	●
10,25	133	87	●	●	●
10,30	133	87	●	●	●
10,40	133	87	●	●	●
10,50	133	87	●	●	●
10,60	133	87	●	●	●
10,70	142	94	●	●	●
10,75	142	94	●	●	●
10,80	142	94	●	●	●
11,00	142	94	●	●	●
11,10	142	94	●	●	●
11,113 7/16	142	94	●	●	●
11,20	142	94	●	●	●
11,25	142	94	●	●	●
11,50	142	94	●	●	●
11,75	142	94	●	●	●
11,80	142	94	●	●	●
12,00	151	101	●	●	●
12,10	151	101	●	●	●
12,20	151	101	●	●	●
12,25	151	101	●	●	●
12,30	151	101	●	●	●
12,50	151	101	●	●	●
12,700 1/2	151	101	●	●	●
12,75	151	101	●	●	●
12,80	151	101	●	●	●
13,00	151	101	●	●	●
13,50	160	108	●	●	●
14,00	160	108	●	●	●
14,50	169	114	●	●	●
15,00	169	114	●	●	●
15,50	178	120	●	●	●
16,00	178	120	●	●	●
16,50	184	125	●	●	●
17,00	184	125	●	●	●
17,50	191	130	●	●	●
18,00	191	130	●	●	●
18,50	198	135	●	●	●
19,00	198	135	●	●	●
19,50	205	140	●	●	●
20,00	205	140	●	●	●

A

B

C

D

E

F

G