

Kurze Spiralbohrer, UFL

Forets série courte, UFL

Short twist drills, UFL

- HSS-Co, Typ UFL mit grossen Spannuten, rechtsscheidend mit Zylinderschaft
- Blanke Ausführung, Norm DIN 338
- Spitzenwinkel 130°, Drallwinkel 35°
- Hauptanwendung: Stahl u. langspannende Werkstoffe wie Kupfer und rostfreie Stähle bis ca. 1000N/mm², bei grösseren Bohrtiefen auch für kurzspannende Werkstoffe

- HSS-Co, type UFL, grandes rainures de copeaux, cpe. à droite, queue cylindrique.
- exécution blanche, Norm DIN 338,
- Angle de la pointe 130°, hélice 35°
- Application principale: acier et matériaux de copeaux long comme cuivre et acier INOX, jusqu'à 1000N/mm², pour les grandes profondeurs: aussi pour matériaux de copeaux courts

- HSS-Co, type UFL, with big helix grooves for the chips, RH cutting with straight shank
- blanc exéc. according DIN 338
- drill point angle 130°, hélice angle 35°
- main application: steel and long chip materials like copper and stainless steels til aprox.1000N/mm², with bigger drilldepth suitable also for short chip materials

**435020..
DIN 338
UFL**

**NEW
NOUVEAU**

**Mengenrabatt: 10% ab 10 Stück/
Durchm. bis 9.5mm und ab 5 Stück
ab 9.6mm**

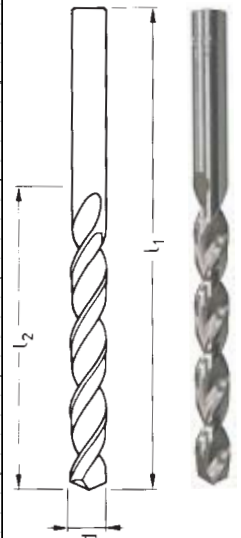
**Remise de quantité: 10% dès 10
pcs./diam. jusqu'à 9.5mm et
dès 5 pcs. dès 9.6mm**

**Volume discount: 10% from 10
pcs./diam. til 9.5mm and from 5
pcs. from 9.6mm onwards**

d [mm]	I2	I1	CHF	Art.Nr./no.cde.	order no.
1.5	18	40	8.40	435020.0150	
1.6	20	43	7.60	435020.0160	
1.7	20	43	7.20	435020.0170	
1.8	22	46	7.60	435020.0180	
1.9	22	46	7.70	435020.0190	
2	24	49	4.50	435020.0200	
2.1	24	49	4.90	435020.0210	
2.2	27	53	4.90	435020.0220	
2.3	27	53	4.60	435020.0230	
2.4	30	57	4.80	435020.0240	
2.5	30	57	4.50	435020.0250	
2.6	30	57	4.80	435020.0260	
2.7	33	61	5.00	435020.0270	
2.8	33	61	5.00	435020.0280	
2.9	33	61	5.00	435020.0290	
3	33	61	4.80	435020.0300	
3.1	36	65	5.50	435020.0310	
3.2	36	65	5.60	435020.0320	
3.3	36	65	5.70	435020.0330	
3.4	39	70	5.90	435020.0340	
3.5	39	70	5.60	435020.0350	
3.6	39	70	5.90	435020.0360	
3.7	39	70	6.10	435020.0370	
3.8	43	75	6.10	435020.0380	
3.9	43	75	6.40	435020.0390	
4	43	75	6.00	435020.0400	
4.1	43	75	6.40	435020.0410	
4.2	43	75	6.50	435020.0420	
4.3	47	80	7.20	435020.0430	
4.4	47	80	7.00	435020.0440	
4.5	47	80	7.10	435020.0450	
4.6	47	80	7.20	435020.0460	
4.7	47	80	7.40	435020.0470	

d [mm]	I2	I1	CHF	Art.Nr./no.cde.	order no.
4.8	52	80	7.60	435020.0480	
4.9	52	80	7.70	435020.0490	
5	52	86	7.20	435020.0500	
5.1	52	86	8.10	435020.0510	
5.2	52	86	8.40	435020.0520	
5.3	52	86	8.40	435020.0530	
5.4	57	93	10.30	435020.0540	
5.5	57	93	9.80	435020.0550	
5.6	57	93	10.40	435020.0560	
5.7	57	93	10.40	435020.0570	
5.8	57	93	10.40	435020.0580	
5.9	57	93	10.40	435020.0590	
6	57	93	10.20	435020.0600	
6.1	63	101	11.60	435020.0610	
6.2	63	101	11.60	435020.0620	
6.3	63	101	12.90	435020.0630	
6.4	63	101	12.90	435020.0640	
6.5	63	101	11.20	435020.0650	
6.6	63	101	12.80	435020.0660	
6.7	63	101	12.80	435020.0670	
6.8	69	109	13.10	435020.0680	
6.9	69	109	13.70	435020.0690	
7	69	109	12.70	435020.0700	
7.1	69	109	17.90	435020.0710	
7.2	69	109	17.90	435020.0720	
7.3	69	109	17.90	435020.0730	
7.4	69	109	17.90	435020.0740	
7.5	69	109	13.90	435020.0750	
7.6	75	117	19.50	435020.0760	
7.7	75	117	19.50	435020.0770	
7.8	75	117	19.70	435020.0780	
7.9	75	117	20.00	435020.0790	

d [mm]	I2	I1	CHF	Art.Nr./no.cde.	order no.
8	75	117	16.50	435020.0800	
8.1	75	117	21.70	435020.0810	
8.2	75	117	22.20	435020.0820	
8.3	75	117	21.80	435020.0830	
8.4	75	117	22.20	435020.0840	
8.5	75	117	16.90	435020.0850	
8.6	81	125	24.80	435020.0860	
8.7	81	125	24.80	435020.0870	
8.8	81	125	25.60	435020.0880	
8.9	81	125	24.80	435020.0890	
9	81	125	20.90	435020.0900	
9.1	81	125	28.80	435020.0910	
9.2	81	125	28.80	435020.0920	
9.3	81	125	28.20	435020.0930	
9.4	81	125	28.90	435020.0940	
9.5	81	125	21.80	435020.0950	
9.6	87	133	29.70	435020.0960	
9.7	87	133	29.70	435020.0970	
9.8	87	133	31.90	435020.0980	
9.9	87	133	33.20	435020.0990	
10	87	133	33.90	435020.1000	
10.2	87	133	33.50	435020.1020	
10.5	87	133	29.90	435020.1050	
10.8	94	142	48.60	435020.1080	
11	94	142	37.40	435020.1100	
11.2	94	142	62.20	435020.1120	
11.5	94	142	47.80	435020.1150	
11.8	94	142	62.20	435020.1180	
12	101	151	46.00	435020.1200	
12.2	101	151	91.70	435020.1220	
12.5	101	151	62.50	435020.1250	
12.8	101	151	96.20	435020.1280	
13	101	151	62.50	435020.1300	



**Kurze Spiralbohrer, UFL
mit TIN-Beschichtung**

**Forets série courte, UFL
à revêtement TIN**

**Short twist drills, UFL
with TIN-coating**

**Mengenrabatt: 10% ab 3 Stück/
Durchmesser**

**Remise de quantité: 10% dès 3
pcs./diam.**

**Volume discount: 10% from 3
pcs./diameter**

**435025..
DIN 338
UFL TIN**

d [mm]	I2	I1	CHF	Art.Nr./no.cde.	order no.
2	24	49	9.00	435025.0200	
2.1	24	49	10.00	435025.0210	
2.2	27	53	10.50	435025.0220	
2.3	27	53	9.80	435025.0230	
2.4	30	57	10.30	435025.0240	
2.5	30	57	9.70	435025.0250	
2.6	30	57	10.30	435025.0260	
2.7	33	61	10.20	435025.0270	
2.8	33	61	10.40	435025.0280	
2.9	33	61	10.30	435025.0290	
3	33	61	10.40	435025.0300	
3.1	36	65	10.50	435025.0310	
3.2	36	65	10.50	435025.0320	
3.3	36	65	12.10	435025.0330	
3.4	39	70	12.50	435025.0340	
3.5	39	70	11.90	435025.0350	
3.6	39	70	12.70	435025.0360	
3.7	39	70	12.70	435025.0370	
3.8	43	75	12.60	435025.0380	
3.9	43	75	12.40	435025.0390	
4	43	75	12.80	435025.0400	
4.1	43	75	13.90	435025.0410	
4.2	43	75	14.10	435025.0420	
4.3	47	80	14.60	435025.0430	
4.4	47	80	14.60	435025.0440	
4.5	47	80	14.90	435025.0450	
4.6	47	80	14.90	435025.0460	
4.7	47	80	14.50	435025.0470	
4.8	52	80	7.60	435025.0480	
4.9	52	80	7.70	435025.0490	
5	52	86	7.20	435025.0500	

d [mm]	I2	I1	CHF	Art.Nr./no.cde.	order no.
5.1	52	86	17.30	435025.0510	
5.2	52	86	16.70	435025.0520	
5.3	52	86	17.90	435025.0530	
5.4	57	93	19.30	435025.0540	
5.5	57	93	19.20	435025.0550	
5.6	57	93	19.50	435025.0560	
5.7	57	93	18.60	435025.0570	
5.8	57	93	20.00	435025.0580	
5.9	57	93	19.40	435025.0590	
6	57	93	19.30	435025.0600	
6.1	63	101	21.80	435025.0610	
6.2	63	101	22.10	435025.0620	
6.3	63	101	23.60	435025.0630	
6.4	63	101	23.80	435025.0640	
6.5	63	101	21.40	435025.0650	
6.6	63	101	23.60	435025.0660	
6.7	63	101	22.60	435025.0670	
6.8	69	109	23.50	435025.0680	
6.9	69	109	25.10	435025.0690	
7	69	109	22.50	435025.0700	
7.1	69	109	29.90	435025.0710	
7.2	69	109	30.80	435025.0720	
7.3	69	109	28.40	435025.0730	
7.4	69	109	29.90	435025.0740	
7.5	69	109	24.20	435025.0750	
7.6	75	117	36.90	435025.0760	
7.7	75	117	32.90	435025.0770	
7.8	75	117	32.90	435025.0780	
7.9	75	117	32.90	435025.0790	
8	75	117	29.30	435025.0800	
8.1	75	117	37.00	435025.0810	

d [mm]	I2	I1	CHF	Art.Nr./no.cde.	order no.
8.2	75	117	36.90	435025.0820	
8.3	75	117	38.60	435025.0830	
8.4	75	117	38.80	435025.0840	
8.5	75	117	32.20	435025.0850	
8.6	81	125	43.10	435025.0860	
8.7	81	125	39.50	435025.0870	
8.8	81	125	42.40	435025.0880	
8.9	81	125	39.50	435025.0890	
9	81	125	32.40	435025.0900	
9.1	81	125	48.60	435025.0910	
9.2	81	125	48.60	435025.0920	
9.3	81	125	48.60	435025.0930	
9.4	81	125	48.60	435025.0940	
9.5	81	125	36.00	435025.0950	
9.6	87	133	48.40	435025.0960	
9.7	87	133	48.40	435025.0970	
9.8	87	133	48.40	435025.0980	
9.9	87	133	53.50	435025.0990	
10	87	133	35.10		