

**Kurze Spiralbohrer, UFL Forets série courte, UFL Short twist drills, UFL**

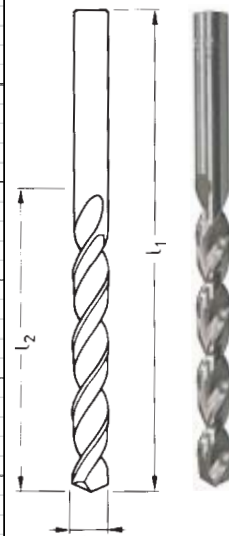
- HSS-Co, Typ UFL mit grossen Spannuten, rechtsscheidend mit Zylinderschaft
- HSS-Co, type UFL, grandes rainures de copeaux, cpe. à droite, queue cylindrique.
- HSS-Co, type UFL, with big helix grooves for the chips, RH cutting with straight shank
- Blanke Ausführung, Norm DIN 338
- exécution blanche, Norm DIN 338,
- blanc exéc. according DIN 338
- Spitzenwinkel 130°, Drallwinkel 35°
- Angle de la pointe 130°, hélice 35°
- drill point angle 130°, hélix angle 35°
- Hauptanwendung: Stahl u. langspannende Werkstoffe wie Kupfer und rostfreie Stähle bis ca. 1000N/mm<sup>2</sup>, bei grösseren Bohrtiefen auch für kurzspannende Werkstoffe
- Application principale: acier et matériaux de copeaux long comme cuivre et acier INOX, jusqu'à 1000N/mm<sup>2</sup>, pour les grandes profondeurs: aussi pour matériaux de copeaux courts
- main application: steel and long chip materials like copper and stainless steels til aprox.1000N/mm<sup>2</sup>, with bigger drilldepth suitable also for short chip materials

**435020..  
DIN 338  
UFL**

**NEW  
NOUVEAU**

**Mengenrabatt: 10% ab 10 Stück/ Remise de quantité: 10% dès 10 Volume discount: 10% from 10**  
Durchm. bis 9.5mm und ab 5 Stück pcs./diam. jusqu'à 9.5mm et dès 5 pcs./diam. til 9.5mm and from 5  
ab 9.6mm pcs. dès 9.6mm pcs. from 9.6mm onwards

d	I2	I1	CHF	Art.Nr./no.cde.	d	I2	I1	CHF	Art.Nr./no.cde.	d	I2	I1	CHF	Art.Nr./no.cde.
[mm]				order no.	[mm]				order no.	[mm]				order no.
1.5	18	40	8.40	435020.0150	4.8	52	80	7.60	435020.0480	8	75	117	16.50	435020.0800
1.6	20	43	7.60	435020.0160	4.9	52	80	7.70	435020.0490	8.1	75	117	21.70	435020.0810
1.7	20	43	7.20	435020.0170	5	52	86	7.20	435020.0500	8.2	75	117	22.20	435020.0820
1.8	22	46	7.60	435020.0180	5.1	52	86	8.10	435020.0510	8.3	75	117	21.80	435020.0830
1.9	22	46	7.70	435020.0190	5.2	52	86	8.40	435020.0520	8.4	75	117	22.20	435020.0840
2	24	49	4.50	435020.0200	5.3	52	86	8.40	435020.0530	8.5	75	117	16.90	435020.0850
2.1	24	49	4.90	435020.0210	5.4	57	93	10.30	435020.0540	8.6	81	125	24.80	435020.0860
2.2	27	53	4.90	435020.0220	5.5	57	93	9.80	435020.0550	8.7	81	125	24.80	435020.0870
2.3	27	53	4.60	435020.0230	5.6	57	93	10.40	435020.0560	8.8	81	125	25.60	435020.0880
2.4	30	57	4.80	435020.0240	5.7	57	93	10.40	435020.0570	8.9	81	125	24.80	435020.0890
2.5	30	57	4.50	435020.0250	5.8	57	93	10.40	435020.0580	9	81	125	20.90	435020.0900
2.6	30	57	4.80	435020.0260	5.9	57	93	10.40	435020.0590	9.1	81	125	28.80	435020.0910
2.7	33	61	5.00	435020.0270	6	57	93	10.20	435020.0600	9.2	81	125	28.80	435020.0920
2.8	33	61	5.00	435020.0280	6.1	63	101	11.60	435020.0610	9.3	81	125	28.20	435020.0930
2.9	33	61	5.00	435020.0290	6.2	63	101	11.60	435020.0620	9.4	81	125	28.90	435020.0940
3	33	61	4.80	435020.0300	6.3	63	101	12.90	435020.0630	9.5	81	125	21.80	435020.0950
3.1	36	65	5.50	435020.0310	6.4	63	101	12.90	435020.0640	9.6	87	133	29.70	435020.0960
3.2	36	65	5.60	435020.0320	6.5	63	101	11.20	435020.0650	9.7	87	133	29.70	435020.0970
3.3	36	65	5.70	435020.0330	6.6	63	101	12.80	435020.0660	9.8	87	133	31.90	435020.0980
3.4	39	70	5.90	435020.0340	6.7	63	101	12.80	435020.0670	9.9	87	133	33.20	435020.0990
3.5	39	70	5.60	435020.0350	6.8	69	109	13.10	435020.0680	10	87	133	23.90	435020.1000
3.6	39	70	5.90	435020.0360	6.9	69	109	13.70	435020.0690	10.2	87	133	33.50	435020.1020
3.7	39	70	6.10	435020.0370	7	69	109	12.70	435020.0700	10.5	87	133	29.90	435020.1050
3.8	43	75	6.10	435020.0380	7.1	69	109	17.90	435020.0710	10.8	94	142	48.60	435020.1080
3.9	43	75	6.40	435020.0390	7.2	69	109	17.90	435020.0720	11	94	142	37.40	435020.1100
4	43	75	6.00	435020.0400	7.3	69	109	17.90	435020.0730	11.2	94	142	62.20	435020.1120
4.1	43	75	6.40	435020.0410	7.4	69	109	17.90	435020.0740	11.5	94	142	47.80	435020.1150
4.2	43	75	6.50	435020.0420	7.5	69	109	13.90	435020.0750	11.8	94	142	62.20	435020.1180
4.3	47	80	7.20	435020.0430	7.6	75	117	19.50	435020.0760	12	101	151	46.00	435020.1200
4.4	47	80	7.00	435020.0440	7.7	75	117	19.50	435020.0770	12.2	101	151	91.70	435020.1220
4.5	47	80	7.10	435020.0450	7.8	75	117	19.70	435020.0780	12.5	101	151	62.50	435020.1250
4.6	47	80	7.20	435020.0460	7.9	75	117	20.00	435020.0790	12.8	101	151	96.20	435020.1280
4.7	47	80	7.40	435020.0470						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/ Remise de quantité: 10% dès 3 Volume discount: 10% from 3**  
Durchmesser pcs./diam. pcs./diameter

**435025..  
DIN 338  
UFL TIN**

d	I2	I1	CHF	Art.Nr./no.cde.	d	I2	I1	CHF	Art.Nr./no.cde.	d	I2	I1	CHF	Art.Nr./no.cde.
[mm]				order no.	[mm]				order no.	[mm]				order no.
2	24	49	9.00	435025.0200	5.1	52	86	17.30	435025.0510	8.2	75	117	36.90	435025.0820
2.1	24	49	10.00	435025.0210	5.2	52	86	16.70	435025.0520	8.3	75	117	38.60	435025.0830
2.2	27	53	10.50	435025.0220	5.3	52	86	17.90	435025.0530	8.4	75	117	38.80	435025.0840
2.3	27	53	9.80	435025.0230	5.4	57	93	19.30	435025.0540	8.5	75	117	32.20	435025.0850
2.4	30	57	10.30	435025.0240	5.5	57	93	19.20	435025.0550	8.6	81	125	43.10	435025.0860
2.5	30	57	9.70	435025.0250	5.6	57	93	19.50	435025.0560	8.7	81	125	39.50	435025.0870
2.6	30	57	10.30	435025.0260	5.7	57	93	18.60	435025.0570	8.8	81	125	42.40	435025.0880
2.7	33	61	10.20	435025.0270	5.8	57	93	20.00	435025.0580	8.9	81	125	39.50	435025.0890
2.8	33	61	10.40	435025.0280	5.9	57	93	19.40	435025.0590	9	81	125	32.40	435025.0900
2.9	33	61	10.30	435025.0290	6	57	93	19.30	435025.0600	9.1	81	125	48.60	435025.0910
3	33	61	10.40	435025.0300	6.1	63	101	21.80	435025.0610	9.2	81	125	48.60	435025.0920
3.1	36	65	10.50	435025.0310	6.2	63	101	22.10	435025.0620	9.3	81	125	48.60	435025.0930
3.2	36	65	10.50	435025.0320	6.3	63	101	23.60	435025.0630	9.4	81	125	48.60	435025.0940
3.3	36	65	12.10	435025.0330	6.4	63	101	23.80	435025.0640	9.5	81	125	36.00	435025.0950
3.4	39	70	12.50	435025.0340	6.5	63	101	21.40	435025.0650	9.6	87	133	48.40	435025.0960
3.5	39	70	11.90	435025.0350	6.6	63	101	23.60	435025.0660	9.7	87	133	48.40	435025.0970
3.6	39	70	12.70	435025.0360	6.7	63	101	22.60	435025.0670	9.8	87	133	48.40	435025.0980
3.7	39	70	12.70	435025.0370	6.8	69	109	23.50	435025.0680	9.9	87	133	53.50	435025.0990
3.8	43	75	12.60	435025.0380	6.9	69	109	25.10	435025.0690	10	87	133	35.10	435025.1000
3.9	43	75	12.40	435025.0390	7	69	109	22.50	435025.0700	10.2	87	133	53.30	435025.1020
4	43	75	12.80	435025.0400	7.1	69	109	29.90	435025.0710	10.5	87	133	44.80	435025.1050
4.1	43	75	13.90	435025.0410	7.2	69	109	30.80	435025.0720	10.8	94	142	72.30	435025.1080
4.2	43	75	14.10	435025.0420	7.3	69	109	28.40	435025.0730	11	94	142	53.40	435025.1100
4.3	47	80	14.60	435025.0430	7.4	69	109	29.90	435025.0740	11.2	94	142	82.60	435025.1120
4.4	47	80	14.60	435025.0440	7.5	69	109	24.20	435025.0750	11.5	94	142	57.60	435025.1150
4.5	47	80	14.90	435025.0450	7.6	75	117	36.90	435025.0760	11.8	94	142	85.40	435025.1180
4.6	47	80	14.90	435025.0460	7.7	75	117	32.90	435025.0770	12	101	151	70.70	435025.1200
4.7	47	80	14.50	435025.0470	7.8	75	117	32.90	435025.0780	12.2	101	151	100.40	435025.1220
4.8	52	80	7.60	435025.0480	7.9	75	117	32.90	435025.0790	12.5	101	151	91.80	435025.1250
4.9	52	80	7.70	435025.0490	8	75	117	29.30	435025.0800	12.8	101	151	118.00	435025.1280
5	52	86	7.20	435025.0500	8.1	75	117	37.00	435025.0810	13	101	151	92.80	435025.1300

