

4356TIN..
HSS



Spiralbohrer m.Morsekegel
TIN-Beschichtung

- rechtsschneidend mit Morsekegel Typ
- N DIN 346, HSS, Spitzen- $\angle 118^\circ$, Spiral- $\angle 28^\circ$
- Hauptanwendung: Stahl u. Gusseisen

Mèches cône morse revêtus
TIN

- Coupe à droite, queue cône morse,
- type N DIN 346, HSS, \angle pointe 118° , \angle hélice 28°
- application principale: acier et fonte

Twist drills with conical morse shank
TIN-coated

- right hand cutting with morse shank
- type N, DIN 346, HSS, head $\angle 118^\circ$, helix $\angle 28^\circ$
- main application: steel and cast iron

4.35613115						Best.Nr./order no.						Best.Nr./order no.						Best.Nr./order no.																	
d[mm]	I2	I1	MK	no.cde.	CHF	d[mm]	I2	I1	MK	no.cde.	CHF	d[mm]	I2	I1	MK	no.cde.	CHF	d[mm]	I2	I1	MK	no.cde.	CHF												
10.00	87	168	1	4356TIN.1000	81.00	15.00	114	212	2	4356TIN.1500	113.70	21.00	145	243	2	4356TIN.2100	170.00	10.20	87	168	1	4356TIN.1020	84.20	15.50	120	218	2	4356TIN.1550	125.20	21.50	150	248	2	4356TIN.2150	174.00
10.50	87	168	1	4356TIN.1050	89.30	16.00	120	218	2	4356TIN.1600	117.10	22.00	150	248	2	4356TIN.2200	176.50	11.00	94	175	1	4356TIN.1100	83.10	16.50	125	223	2	4356TIN.1650	129.10	22.50	155	253	2	4356TIN.2250	177.40
11.50	94	175	1	4356TIN.1150	89.30	17.00	125	223	2	4356TIN.1700	121.60	23.00	155	253	2	4356TIN.2300	179.90	12.00	101	182	1	4356TIN.1200	81.40	17.50	130	228	2	4356TIN.1750	136.00	24.00	160	281	3	4356TIN.2400	226.20
12.00	101	182	1	4356TIN.1200	81.40	18.00	130	228	2	4356TIN.1800	125.20	25.00	160	281	3	4356TIN.2500	234.00	12.50	101	182	1	4356TIN.1250	90.50	18.50	135	233	2	4356TIN.1850	145.70	26.00	165	286	3	4356TIN.2600	244.90
13.00	101	182	1	4356TIN.1300	84.20	19.00	135	233	2	4356TIN.1900	147.60	27.00	170	291	3	4356TIN.2700	265.50	13.50	108	189	1	4356TIN.1350	94.30	20.00	140	238	2	4356TIN.2000	153.10	28.00	170	291	3	4356TIN.2800	272.20
14.00	108	189	1	4356TIN.1400	86.00	19.50	140	238	2	4356TIN.1950	151.20	29.00	175	296	3	4356TIN.2900	291.50	14.50	114	212	2	4356TIN.1450	119.00	20.50	145	243	2	4356TIN.2050	167.90	30.00	175	296	3	4356TIN.3000	293.50

435613..(TIN)
HSS-Co

4.35613115						Best.Nr./order no.						Best.Nr./order no.						Best.Nr./order no.																	
d[mm]	I2	I1	MK	no.cde.	CHF	d[mm]	I2	I1	MK	no.cde.	CHF	d[mm]	I2	I1	MK	no.cde.	CHF	d[mm]	I2	I1	MK	no.cde.	CHF												
10.00	87	168	1	435613.1000	74.00	13.00	101	182	1	435613.1300	92.30	19.00	135	233	2	435613.1900	155.50	10.20	87	168	1	435613.1020	91.70	17.50	130	228	2	435613.1750	141.60	22.00	150	248	2	435613.2200	212.30
12.00	101	182	1	435613.1200	89.90							24.00	160	281	3	435613.2400	263.00																		

* Alle Dimensionen solange Vorrat/Tous dimensions jusqu'à l'épuisement du stock/for all dimensions til stock will last

4356VS..
HSS



Spiralbohrer kurz mit verstärktem Morsekegel

- rechtsschn.mit verstärktem Morsekegel, HSS
- Typ N n.DIN 346,Spitzen- $\angle 118^\circ$, Spiral- $\angle 28^\circ$
- Hauptanwendung: Stahl u.Gusseisen

Mèches courtes à cône morse renforcé

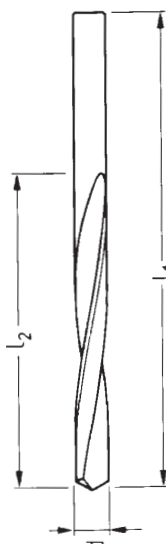
- Coupe à dr.,queue cône morse renforcée HSS
- type N, DIN 346, \angle pointe 118° , \angle hélice 28°
- application principale: acier et fonte

Twist drills short with reinforced shank morse

- right hand cutting with reinforced shank morse HSS
- type N acc.DIN 346, head- $\angle 118^\circ$, helix- $\angle 28^\circ$
- main application: steel and cast iron

4.356VS115						Best.Nr./order no.						Best.Nr./order no.						Best.Nr./order no.					
d[mm]	I2	I1	MK	no.cde.	CHF	d[mm]	I2	I1	MK	no.cde.	CHF	d[mm]	I2	I1	MK	no.cde.	CHF	d[mm]	I2	I1	MK	no.cde.	CHF
13.00	101	199	2	4.356VS.1300	63.80	22.00	150	271	3	4356VS.2200	149.70	13.50	108	206	2	4.356VS.1350	76.60	22.50	155	276	3	4356VS.2250	178.60
14.00	108	206	2	4.356VS.1400	66.00	23.00	144	276	3	4356VS.2300	162.10												

4352..
DIN 338H



Messingbohrer kurz

- Rechtsschneidend mit Zylinderschaft, DIN 338H
- HSS, Spitzen- $\angle 118^\circ$, Spiral- $\angle 10-20^\circ$
- Hauptanwendung: Für kurzspanende, spröde Werkstoffe, z.B. Ms 58, Magnesium-Legierungen und Kunststoffe (Plexiglas bei geringen Bohrtiefen)

Mèches pour laiton

- Coupe à droite, queue cyl.selon DIN 338H
- HSS, \angle d. l. point. 118° , hélice $10-20^\circ$
- application principale: matériaux à copeaux courts, p.ex.laiton Ms 58, alliages magnésium,matériel plastique (verre-Plexi à petite épais.)

Twist drills from brass

- right hand cutting with cylindrical shank, DIN 338H
- HSS, head- $\angle 118^\circ$, helix- $\angle 10-20^\circ$
- main application: for short chip materials, brittle materials, e.g. Ms 58, magnesium-alloys and plastics (plexiglass at short drilling depth)

4.352115						Best.Nr./order no.						Best.Nr./order no.						Best.Nr./order no.																
d[mm]	I2	I1	no.cde.	CHF		d[mm]	I2	I1	no.cde.	CHF	d[mm]	I2	I1	no.cde.	CHF	d[mm]	I2	I1	no.cde.	CHF	d[mm]	I2	I1	no.cde.	CHF									
1.00	12	34	4.352.0100	5.30		2.90	33	61	4.352.0290	5.10	4.80	52	86	4.352.0480	8.80	1.10	14	36	4.352.0110	5.10	3.00	33	61	4.352.0300	6.20	4.90	52	86	4.352.0490	7.80				
1.20	16	38	4.352.0120	6.10	3.10	33	61	4.352.0310	6.30	5.00	52	86	4.352.0500	8.50	1.30	16	38	4.352.0130	6.20	3.20	36	65	4.352.0320	6.40	5.10	52	86	4.352.0510	9.40					
1.40	18	40	4.352.0140	6.20	3.30	36	65	4.352.0330	6.60	5.20	52	86	4.352.0520	0.00	1.50	18	40	4.352.0150	6.10	3.40	36	65	4.352.0340	6.70	5.30	52	86	4.352.0530	9.70					
1.60	20	43	4.352.0160	5.40	3.50	39	70	4.352.0350	6.60	5.40	52	86	4.352.0540	11.30	1.70	20	43	4.352.0170	5.40	3.60	39	70	4.352.0360	6.70	5.50	57	93	4.352.0550	10.90					
1.80	22	46	4.352.0180	5.00	3.70	39	70	4.352.0370	6.90	5.60	57	93	4.352.0560	11.70	1.90	22	46	4.352.0190	5.40	3.80	43	75	4.352.0380	7.20	5.70	57	93	4.352.0570	11.30					
2.00	24	49	4.352.0200	5.40	3.90	43	75	4.352.0390	6.20	5.90	57	93	4.352.0590	12.30	2.10	24	49	4.352.0210	5.30	4.00	43	75	4.352.0400	6.90	6.00	57	93	4.352.0600	11.50					
2.20	27	53	4.352.0220	5.20	4.10	43	75	4.352.0410	7.50	6.50	63	101	4.352.0650	13.20	2.30	27	53	4.352.0230	5.10	4.20	43	75	4.352.0420	7.60	7.00	69	109	4.352.0700	14.30					
2.40	30	57	4.352.0240	5.90	4.30	43	75	4.352.0430	8.40	7.50	69	109	4.352.0750	14.80	2.50	30	57	4.352.0250	5.30	4.40	43	75	4.352.0440	8.50	8.00	75	117	4.352.0800	17.90					
2.60	30	57	4.352.0260	6.10	4.50	47	80	4.352.0450	8.20	9.00	81	125	4.352.0900	23.70	2.70	33	61	4.352.0270	6.10	4.60	47	80	4.352.0460	8.30	2.80	33	61	4.352.0280	6.20	4.70	47	80	4.352.0470	8.80

Erfolgsbohrer Double-X in Kasette, Beschichtung in TiN und FUTURA (TiALN) auf Anfrage

- Extra kurz nach DIN 1897, HSS-Co
- Spitzen-< 130°, Drall-< 35°, Typ VA
- Sehr stabiler & konischer Kern
- Hauptanwendungen: Stahllegierungen, nichtrostende Stähle

Mèche à succès Double-X en cassette, revêtement en TiN et FUTURA (TiALN) sur dem.

- extra courte, DIN 1897, HSS-Co
- < de la pointe 130°, hélice 35°
- l'âme conique très stable
- application principale: alliages d'acier et acier inoxydables

Twist drills Double-X for success in box, coating in TiN & FUTURA (TiALN) on request

- extra short acc. DIN 1897, HSS-Co
- head-< 130°, helix-< 35°, type VA
- very stable & conical core
- main application: steel alloys and stainless steel

4357DX..
DIN 1897
HSS-Co, VA

WEDEVAG



Schneidstoff/cutting material <i>Matériel de coupe</i>	d[mm]	Stufung/step <i>pas [mm]</i>	Anzahl/number <i>nombre</i>	Best.Nr./order no. <i>no.cde.</i>	CHF
HSS-Co	1.0 - 10.0	0,5	19	4357DX. 10	89,30
HSS-Co	1.0 - 10.5	0,5	24*	4357DX. 40	117,60
* + 3.3-4.2-6.8-10.2mm					4.357DX217

Erfolgsbohrer WEDEVAG 4350 HSS-Co (DIN 338) in Kasette

- Material: äusserst wärmebeständig
- Kobalt-legierter Schweden-Hochleistungsschnellstahl
- Spezialschliff mit markanten Leistungssteigerungen
- Für Stahl und Gusseisen

Mèche à succès WEDEVAG HSS-Co (DIN 338) en cassette

- *Matériel: hautement résistant à la chaleur*
- *acier acier rapide suédois*
- *affûtage spécial p. une augmentation remarquable de rendem.*
- *pour acier et fonte*

Twist drills for success WEDEVAG (DIN 338) in box

- material: extremely heat resistant
- cobalt alloyed high speed steel from Sweden
- specially ground with encreased performance
- for steel and cast iron

4357.350..
DIN 338
HSS-Co, N



4.357350217 d[mm]	Schneidstoff <i>Matériel de coupe</i> <i>cutting material</i>	Stufung/step <i>pas [mm]</i>	Anzahl/number <i>nombre</i>	Best.Nr./order no. <i>no.cde.</i>	Katalog catalogue catalogue CHF	Aktion action promotion CHF
1.0 - 10.0	HSS-Co	0,5	19	4357.350. 20	154,70	97,80
1.0 - 10.5*	HSS-Co	0.5*	24	4357.350. 40	239,20	151,20
1.0 - 13.0	HSS-Co	0,5	25	4357.350. 60	314,90	198,90
1.0 - 5.9	HSS-Co	0,1	50	4357.350. 70	285,50	180,40
6.0 - 10.0	HSS-Co	0,1	41	4357.350. 80	559,70	353,80
1.0 - 10.0	HSS-Co-TIN	0,5	19	4357.350. 92	185,90	117,50
* + 3.3-4.2-6.8-10.2mm		** in Stahlkasette/en cassette en acier				

Spiralbohrer Sätze 4355DX..

- in Kasette nach DIN 338 Typ VA
- Sätzen mit verschied. Stufungen
- Spezialschliff, grosse Leistungssteigerungen, Schnittlänge 6 d
- Hauptanwendungen: Stahllegierungen, nichtrostende Stähle

Jeux de forets 4355DX..

- *en boîtes selon DIN 338, type VA*
- *en jeux et en différents pas*
- *affûtage spécial, augmentation de rendement, long. de coupe 6 d*
- *application principale: alliages d'acier et acier inoxydables*

Twist drill sets 4355DX..

- in boxes, acc. DIN 338 typ VA
- sets with different steps
- specially ground, performance encreases, cutting length 6 d
- main application: steel alloys and stainless steels

435730..
DIN 338
HSS-Co, VA



Schneidstoff <i>Matériel de coupe</i> <i>cutting material</i>	d[mm]	Stufung/step <i>pas [mm]</i>	Anzahl/number <i>nombre</i>	Best.Nr. no.cde. order no. CHF	Katalog catalogue catalogue CHF	Aktion action promotion CHF
HSS-Co	2.5 - 10.0	0,5	16	435730. 10	184,50	120,80
HSS-Co	2.5 - 10.5	0.5 1)	21	435730 20	284,60	183,80
HSS-Co	2.5 - 13.0	0,5	22	435730. 30	417,70	272,00
1) inkl. 3.3,4.2,6.8,10.2mm		4.35730217				

WEDEVAG "Economy"-Kayak

- in Blechkasette, Material: äusserst wärmebeständig, legierter Schweden-Hochleistungsschnellstahl
- Präzisions-Kegelmantelschliff,
- Geld verdienen mit Qualität zu günstigem Preis
- für Stahl und Gusseisen

"Economy" WEDEVAG Kayak

- *en boîtes, matériel: acier rap. suédois, très résistant à la chaleur*
- *affûtage tronçonique, affûtée à haute précision*
- *gagner de l'argent en utilisant de la qualité à prix avantageux*
- *pour acier et fonte*

WEDEVAG "Economy"-Kayak

- in boxes, material is very heat resistant and from alloyed swedish high speed steel
- precision cone case ground
- making money with quality to a favorable price
- for steel and cast iron

4357.349..
DIN 338
HSS, N



4.357349217 d[mm]	Schneidstoff <i>Matériel de coupe</i> <i>cutting material</i>	Stufung <i>pas/step [mm]</i>	Anzahl/number <i>nombre</i>	Best.Nr. no.cde. order no.	Katalog catalogue catalogue CHF	Aktion action promotion CHF
1.0 - 10.0	HSS	0,5	19	357.349. 20	103,60	65,60
1.0 - 10.5*	HSS	0.5*	24	357.349. 40	126,80	80,20
1.0 - 13.0	HSS	0,5	25	357.349. 60	166,80	105,60
1.0 - 5.9	HSS	0,1	50	357.349. 70	142,00	89,80
6.0 - 10.0	HSS	0,1	41	357.349. 80	380,15	242,20
* + 3.3-4.2-6.8-10.2mm						

4361VS02.. Vollhartmetallbohrer mit Schaft/tiege: verstärktem Zylinderschaft

**3.175mm
0.05 - 0.50
mm**

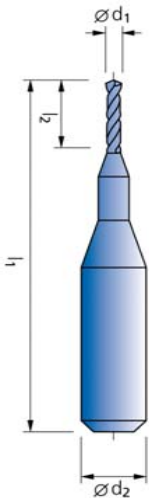
- Schaft doppelt abgesetzt zur Verstärkung der Zähigkeit, Schaft-Ø: 3.175 mm (1/8")
- Länge: 38 mm (1 1/2")
- aus neuem ULTRA-feinkörnigem Hartmetall < 0.4 Micron
- 4-Flächenanschliff
- Ausführung EL m.grösserer Schnittlänge bis 5x Dicke(pcb) lieferbar

Mèches en métal dur mono-bloc avec queue renforcée

- *tiege à double pas pour augmentation de la tenacité, diamètre de la queue: 3.175 mm (1/8")*
- *longueur: 38 mm (1 1/2")*
- *nuance métal dur: micrograin < 0.4 micron,*
- *Affutage 4 faces*
- *exécution EL à hélice plus longue jusqu'à 5 épaisseurs (pcb) livrable*

Carbide twist drills with reinforced cylindrical shank

- double stepped shank to increase toughness, shank-Ø: 3.175mm (1/8")
- length: 38 mm (1 1/2")
- from newest micro grain carbide grade < 0.4 Micron
- 4-surfaces ground
- execution EL with increased cutting length up to 5x depth (pcb) available



d1	l1	l2	d2	Best.Nr. no.cde./order no.	CHF	d1	l1	l2	d2	Best.Nr. no.cde./order no.	CHF
4.361VS0218											
0.05	38	0.8	3.175	4361VS02. 005	28.50	0.25	38	3.5	3.175	4361VS02. 027	10.85
0.06	38	0.8	3.175	4361VS02. 006	28.50	0.25	38	4.8	3.175	4361VS02. 029	14.35
0.07	38	0.8	3.175	4361VS02. 007	28.50						
0.08	38	0.8	3.175	4361VS02. 008	28.50	0.30	38	3.5	3.175	4361VS02. 030	11.20
0.09	38	1.2	3.175	4361VS02. 009	28.50	0.30	38	5.5	3.175	4361VS02. 032	11.20
						0.30	38	7.0	3.175	4361VS02. 034	11.20
0.10	38	1.2	3.175	4361VS02. 010	28.50						
0.11	38	1.2	3.175	4361VS02. 011	28.50						
0.12	38	1.4	3.175	4361VS02. 012	28.50	0.35	38	5.5	3.175	4361VS02. 035	10.80
0.13	38	1.4	3.175	4361VS02. 013	28.50	0.35	38	7.0	3.175	4361VS02. 037	10.80
0.14	38	1.4	3.175	4361VS02. 014	28.50	0.35	38	8.5	3.175	4361VS02. 039	11.60
0.15	38	2.0	3.175	4361VS02. 015	24.00	0.40	38	5.5	3.175	4361VS02. 040	10.40
0.16	38	2.0	3.175	4361VS02. 016	24.00	0.40	38	7.0	3.175	4361VS02. 042	10.40
0.17	38	2.0	3.175	4361VS02. 017	24.00	0.40	38	8.5	3.175	4361VS02. 044	10.80
0.18	38	2.0	3.175	4361VS02. 018	24.00						
0.19	38	2.0	3.175	4361VS02. 019	24.00	0.45	38	5.5	3.175	4361VS02. 045	10.40
						0.45	38	7.0	3.175	4361VS02. 047	10.40
						0.45	38	8.5	3.175	4361VS02. 049	10.40
0.20	38	2.3	3.175	4361VS02. 020	12.30						
0.20	38	3.5	3.175	4361VS02. 022	16.50	0.50	38	5.5	3.175	4361VS02. 050	9.20
0.20	38	4.8	3.175	4361VS02. 024	16.50	0.50	38	7.0	3.175	4361VS02. 052	9.20
						0.50	38	8.5	3.175	4361VS02. 054	9.20
0.25	38	2.8	3.175	4361VS02. 025	10.85						

Mengenrabatte/Rabais/Discount Stck/pcs.: 5-9 :10%; 10-19.:20% 20-49: 30%; Höhere Stückzahlen auf Anfrage/ plus haute series sur demande/ higher volume on request

4361VS.. Vollhartmetallbohrer mit verstärktem Zylinderschaft

**Schaft/tiege: mit gefügtem
3.175mm
0.55 - 1.20
mm**

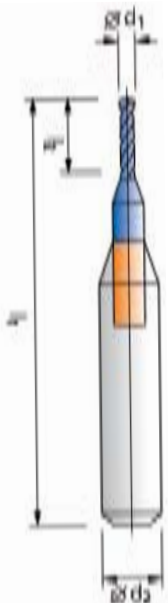
- mit gefügtem Stahlschaft
- Schaftdurchmesser: 3.175 mm (1/8") Länge/longueur: 38 mm (1 1/2")
- aus neuestem ultrafeinstkörnigem, verschleissfestem Hartmetall < 4 Micron
- 4-Flächenanschliff

Mèches en métal dur mono-bloc avec queue renforcée

- *tiege en acier joint*
- *diamètre de la queue: 3.175 mm (1/8") longueur: 38 mm (1 1/2")*
- *métal dur de grain ultra fin, résistant à l'usure < 4 micron*
- *affûtage 4 faces*

Carbide twist drills with reinforced cylindrical shank

- shank from jointed steel
- shank-Ø: 3.175mm (1/8") length: 38 mm (1 1/2")
- from newest micro grain carbide grade < 0.4 Micron
- 4-surfaces ground



d1	l2	l1	d2	Art.Nr./no.cat.	d1	l2	l1	d2	Art.Nr./no.cat.
+ 0			h6	4361VS..	+ 0			h6	4361VS..
-0.004				CHF	-0.004				CHF
0.55	7.0	38	3.175	9.20	0.85	10.5	38	3.175	9.20
0.55	8.5	38	3.175	9.20	0.90	10.5	38	3.175	9.20
0.60	7.0	38	3.175	9.20	0.95	10.5	38	3.175	9.20
0.60	8.5	38	3.175	9.20	1.00	10.5	38	3.175	9.20
0.65	7.0	38	3.175	9.20	1.05	10.5	38	3.175	9.20
0.65	8.5	38	3.175	9.20	1.10	10.5	38	3.175	9.20
0.70	10.5	38	3.175	9.20	1.15	10.5	38	3.175	9.20
0.75	10.5	38	3.175	9.20	1.20	10.5	38	3.175	9.20
0.80	10.5	38	3.175	9.20					
									4.361VS210

Mengenrabatte/Rabais/Discount Stck/pcs.: 5-9 :10%; 10-19.:20% 20-49: 30%; Höhere Stückzahlen auf Anfrage/ plus haute series sur demande/ higher volume on request

Vollhartmetallbohrer mit verstärktem Zylinderschaft

- mit gelötetem Stahlschaft
- Schaftdurchmesser: 3.175 mm (1/8") Länge 38 mm (1 1/2")
- aus neuestem feinstkörnigem, verschleissfestem Hartmet. I < 4 Micron
- 4-Flächenanschliff

Mèches en métal dur mono-bloc avec queue renforcée

- tige en acier brasé
- diamètre de la queue: 3.175 mm (1/8") longueur: 38 mm (1 1/2")
- métal dur de grain ultra fin, résistant à l'usure < 4 micron
- Affutage 4 faces

Carbide twist drills with reinforced cylindrical shank

- shank from brased steel
- shank-Ø: 3.175mm (1/8") length: 38 mm (1 1/2")
- from newest micro grain carbide grade < 0.4 Micron
- 4-surfaces ground

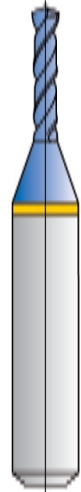
4361VS..

Schaft/tige/shank:
3.175mm
Ø 1.25 - 3.175 mm

d1	l2	l1	d2	Art.Nr./no.cat.	d1	l2	l1	d2	Art.Nr./no.cat.
+ 0			h6	4361VS..	+ 0			h6	4361VS..
-0.004				CHF	-0.004				CHF
1.25	10.5	38	3.175	9.20	2.10	10.5	38	3.175	9.20
1.30	10.5	38	3.175	9.20	2.20	10.5	38	3.175	9.20
1.35	10.5	38	3.175	9.20	2.30	10.5	38	3.175	9.20
1.40	10.5	38	3.175	9.20	2.40	10.5	38	3.175	9.20
1.45	10.5	38	3.175	9.20	2.50	10.5	38	3.175	9.20
1.50	10.5	38	3.175	9.20	2.60	10.5	38	3.175	9.20
1.55	10.5	38	3.175	9.20	2.70	10.5	38	3.175	9.20
1.60	10.5	38	3.175	9.20	2.80	10.5	38	3.175	9.20
1.65	10.5	38	3.175	9.20	2.90	10.5	38	3.175	9.20
1.70	10.5	38	3.175	9.20	3.00	10.5	38	3.175	9.20
1.80	10.5	38	3.175	9.20	3.10	10.5	38	3.175	9.20
1.90	10.5	38	3.175	9.20	3.175	14.0	38	3.175	9.20
2.00	10.5	38	3.175	9.20					4.361VS18

Mengenrabatte/Rabais/Discount Stck/pcs.: 5-9: 10%; 10-19.: 20%; 20-49: 30%;

Höhere Stückzahlen auf Anfrage/ plus haute series sur demande/higher volume on request



Hartmetallschraubbohrer

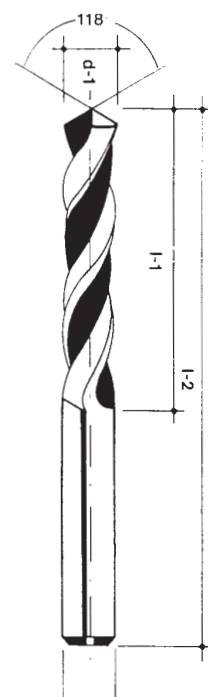
- Typ N, rechts schneidend, kurz
- Zylinderschaft h6, präzisionsgeschl.
- Mit gleichem Nenn- und Schaft-Ø
- Hartmetallsorte K10 Micrograin
- Andere Hartmetallsorten und Zwischenmasse auf Anfrage

Mèche hélicoïdale en métal dur Carbide twist drills

- Type N, coupe à droite, courte
- queue cylindrique rectifiée h6
- tige et diamètre d1 identique
- nuance métal dur K10 micrograin
- autres nuances et dimensions intermédiaires sur demande
- type N, right hand, short
- cylindrical shank h6, precision gr.
- drill Ø and Ø shaft are identical
- carbide grade K10 micrograin
- other grades and intermediate dimensions on request

4361V..

d1	l1	l2	CHF	d1	l1	l2	CHF	d1	l1	l2	CHF	d1	l1	l2	CHF
0.20 *	4	30	8.80	2.10	15	38	8.70	5.10	26	62	19.90	8.90	40	84	55.80
0.25 *	4	30	8.80	2.15	18	40	9.40	5.20	26	62	19.90	9.00	40	84	52.30
0.30	4	30	8.40	2.20	15	38	8.70	5.30	26	62	19.90	9.10	40	84	59.40
0.35	6	30	8.40	2.25	18	40	9.40	5.40	28	66	21.40	9.20	40	84	59.40
0.40	6	30	8.40	2.30	15	38	8.70	5.50	28	66	21.40	9.30	40	84	59.40
0.45	6	30	8.40	2.35	18	40	9.40	5.60	28	66	24.30	9.40	40	84	59.40
0.50	6	30	6.50	2.40	15	38	8.70	5.70	28	66	24.30	9.50	40	84	55.80
0.55 *	5	30	8.10	2.45	15	18	9.40	5.80	28	66	24.30	9.60	43	89	67.50
0.60	5	30	6.50	2.50	15	38	8.70	5.90	28	66	24.30	9.70	43	89	67.50
0.65 *	6	30	8.10	2.60	25	50	10.80	6.00	28	66	23.40	9.80	43	89	67.50
0.70	6	30	6.50	2.65	18	45	12.30	6.10	31	70	33.70	9.90	43	89	67.50
0.75 *	8	30	7.10	2.70	25	50	10.10	6.20	31	70	33.70	10.00	43	89	63.10
0.80	8	30	6.10	2.75	18	45	12.30	6.30	31	70	33.70	10.10	43	89	68.40
0.85 *	8	30	7.30	2.80	25	50	10.10	6.40	31	70	33.70	10.20	43	89	68.80
0.90	8	30	7.30	2.85	18	45	13.10	6.50	31	70	33.30	10.50	43	89	66.70
0.95 *	10	30	7.30	2.90	25	50	10.10	6.60	31	70	35.70	10.80	47	95	73.90
1.00	8	30	5.90	2.95	18	45	11.60	6.70	31	70	35.70	11.00	47	95	77.50
1.05 *	10	30	7.30	3.00	25	50	10.00	6.80	34	74	35.70	11.50	47	95	82.80
1.10	10	30	6.70	3.10	18	49	12.30	6.90	34	74	35.70	12.00	51	102	95.50
1.15 *	12	30	7.30	3.20	18	49	12.30	7.00	34	74	33.10	12.50	51	102	99.10
1.20	10	30	6.70	3.30	18	49	12.30	7.10	34	74	43.30	12.70	51	102	104.50
1.25 *	12	30	7.30	3.40	20	52	12.60	7.20	34	74	43.30	13.00	51	102	111.60
1.30	10	30	6.70	3.50	20	52	12.60	7.30	34	74	43.30	13.50	54	107	127.90
1.35 *	12	30	7.30	3.60	20	52	13.60	7.40	34	74	43.30	14.00	54	107	140.40
1.40	10	30	6.70	3.70	20	52	13.60	7.50	34	74	42.40	14.50	56	111	149.40
1.45 *	12	30	7.30	3.80	22	55	14.90	7.60	37	79	46.50	15.00	56	111	163.80
1.50	10	30	7.00	3.90	22	55	14.90	7.70	37	79	46.50	15.50	58	115	183.00
1.55	16	40	8.90	4.00	22	55	14.90	7.80	37	79	46.50	16.00	58	115	185.40
1.60	12	38	7.00	4.10	22	55	14.90	7.90	37	79	46.50	16.50	60	119	215.30
1.65	16	40	8.70	4.20	22	55	15.90	8.00	37	79	45.00	17.00	60	119	226.70
1.70	12	38	7.60	4.30	24	58	15.90	8.10	37	79	50.40	17.50	62	123	245.40
1.75	16	40	8.70	4.40	24	58	15.90	8.20	37	79	50.40	18.00	62	123	255.60
1.80	12	38	7.60	4.50	24	58	16.00	8.30	37	79	50.40	18.50	64	127	274.60
1.85	16	40	8.70	4.60	24	58	16.40	8.40	37	79	50.40	19.00	64	127	293.30
1.90	12	38	7.60	4.70	24	58	17.90	8.50	37	79	48.70	19.50	66	131	313.00
1.95	16	40	8.70	4.80	26	62	17.90	8.60	40	84	55.80	20.00	66	131	340.20
2.00	12	38	7.60	4.90	26	62	17.90	8.70	40	84	55.80	21.00	68	136	357.80
2.05	18	40	9.00	5.00	26	62	17.60	8.80	40	84	55.80	22.00	70	141	385.80



4.361V28 * solange Vorrat / jusqu'à épuisement du stock/as long as stock lasts

Vollhartmetall-Spiralbohrer für INOX-Stahl

- Ausführung nach DIN 1897/ 338
- Rechts schneidend
- Zylinderschaft h6 präzisionsgeschliffen
- Mit gleichem Nenn- und Schaft-Ø
- Hartmetallsorte K10 Micrograin

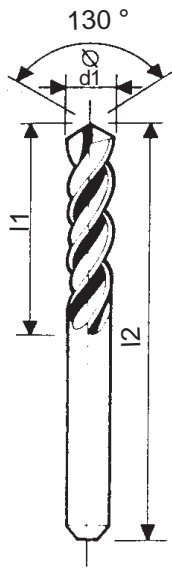
Mèche en métal dur monobloc pour acier inoxydable

- Exécution sel. DIN 1897 et DIN 338
- coupe à droite
- queue cylindrique rectifiée d'haute précision h6
- tige et diamètre d1 identique
- nuance métal dur K10 micrograin

Carbide twist drills for stainless steels (INOX)

- execution acc. DIN 1897/ 338
- right hand cutting
- cylindrical shank h6 precision ground
- drilling Ø equal shank Ø
- carbide K10 micrograin

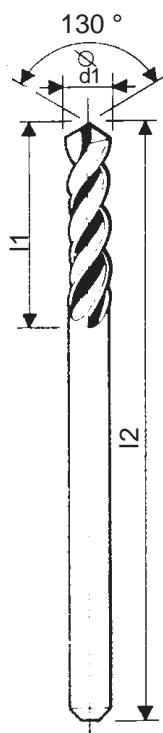
**4361V.INOX.K.
DIN 1897**



d1	l1	l2	Fr.	d1	l1	l2	Fr.	d1	l1	l2	Fr.	d1	l1	l2	Fr.
0.50	3.0	20	6.60	3.10	18	49	12.40	5.80	26	62	24.50	8.40	37	79	52.30
0.60	3.5	21	6.60	3.20	18	49	12.40	5.90	26	62	24.50	8.50	37	79	51.10
0.70	4.5	23	6.60	3.30	18	49	12.40	6.00	28	66	24.50	8.60	40	84	56.40
0.80	5.0	24	6.50	3.40	20	52	12.80	6.10	31	70	34.10	8.70	40	84	56.40
0.90	5.5	25	6.50	3.50	20	52	12.80	6.20	31	70	34.10	8.80	40	84	56.40
1.00	6.0	26	6.50	3.60	20	52	13.60	6.30	31	70	34.10	8.90	40	84	56.40
1.10	7.0	28	6.90	3.70	20	52	13.60	6.40	31	70	34.10	9.00	40	84	56.40
1.20	8.0	30	6.90	3.80	22	55	15.00	6.50	31	70	34.10	9.10	40	84	58.30
1.30	8.0	30	6.90	3.90	22	55	15.00	6.60	31	70	36.10	9.20	40	84	60.30
1.40	9.0	32	6.90	4.00	22	55	15.00	6.70	31	70	36.10	9.30	40	84	60.30
1.50	9.0	32	7.20	4.10	22	55	15.00	6.80	34	74	36.50	9.40	40	84	60.30
1.60	10.0	34	7.20	4.20	22	55	16.00	6.90	34	74	36.70	9.50	40	84	59.00
1.70	10.0	34	7.80	4.30	24	58	16.00	7.00	34	74	36.70	9.60	43	89	68.00
1.75	11.0	36	7.90	4.40	24	58	16.00	7.10	34	74	45.00	9.70	43	89	68.00
1.80	11.0	36	7.90	4.50	24	58	16.10	7.20	34	74	45.00	9.80	43	89	68.00
1.90	11.0	36	7.90	4.60	24	58	17.10	7.30	34	74	45.20	9.90	43	89	68.00
2.00	12.0	38	7.90	4.70	24	58	18.70	7.40	34	74	45.20	10.00	43	89	68.10
2.10	12.0	38	8.90	4.80	26	62	18.70	7.50	34	74	44.50	10.20	43	89	69.50
2.20	13.0	40	8.90	4.90	26	62	18.70	7.60	37	79	48.60	10.50	43	89	68.10
2.30	13	40	8.90	4.90	26	62	18.30	7.70	37	79	48.60	11.00	47	95	78.90
2.40	14	43	8.90	5.00	26	62	18.30	7.80	37	79	48.60	11.50	47	95	86.30
2.50	14	43	8.90	5.10	26	62	20.80	7.90	37	79	48.60	12.00	51	102	98.20
2.60	14	43	10.40	5.20	26	62	20.80	8.00	37	79	47.20	13.00	51	102	118.10
2.70	16	46	10.40	5.30	26	62	20.80	8.10	37	79	52.30	14.00	54	107	142.00
2.80	16	46	10.40	5.40	26	62	22.30	8.20	37	79	52.30	15.00	56	111	166.00
2.90	16	46	10.40	5.50	26	62	22.30	8.30	37	79	52.30	16.00	58	115	187.80
3.00	16	46	10.40	5.60	26	62	24.50								
				5.70	26	62	24.50								

4.361VINOXK28

**4361V.INOX.L.
DIN 338**



d1	l1	l2	Fr.	d1	l1	l2	Fr.	d1	l1	l2	Fr.	d1	l1	l2	Fr.
0.50	6.0	22	8.40	3.20	36	65	18.30	5.90	57	93	44.30	8.60	81	125	95.70
0.60	7.0	24	8.40	3.30	36	65	18.30	6.00	57	93	42.20	8.70	81	125	95.70
0.70	9.0	28	8.40	3.40	39	70	21.00	6.10	63	101	46.00	8.80	81	125	95.70
0.80	10.0	30	8.40	3.50	39	70	20.30	6.20	63	101	46.00	8.90	81	125	95.70
0.90	11.0	32	8.40	3.60	39	70	21.60	6.30	63	101	51.10	9.00	81	125	83.70
1.00	12.0	34	8.40	3.70	39	70	21.60	6.40	63	101	51.10	9.10	81	125	102.30
1.10	14.0	36	9.90	3.80	43	75	22.60	6.50	63	101	49.70	9.20	81	125	102.30
1.20	16.0	38	9.90	3.90	43	75	22.60	6.60	63	101	56.40	9.30	81	125	102.30
1.30	16.0	38	9.90	4.00	43	75	22.10	6.70	63	101	56.40	9.40	81	125	102.30
1.40	18.0	40	9.90	4.10	43	75	24.80	6.80	69	109	67.50	9.50	81	125	97.80
1.50	18.0	40	9.90	4.20	43	75	24.80	6.90	69	109	67.50	9.60	87	133	113.60
1.60	20.0	43	10.60	4.30	47	80	26.30	7.00	69	109	59.60	9.70	87	133	113.60
1.70	20.0	43	10.60	4.40	47	80	26.30	7.10	69	109	70.70	9.80	87	133	113.60
1.80	22.0	46	11.70	4.50	47	80	26.30	7.20	69	109	70.70	9.90	87	133	113.60
1.90	22.0	46	11.70	4.60	47	80	29.50	7.30	69	109	70.70	10.00	87	133	111.40
2.00	24.0	49	11.70	4.70	47	80	29.50	7.40	69	109	70.70	10.20	87	133	125.20
2.10	24.0	49	12.50	4.80	52	86	32.70	7.50	69	109	64.10	10.50	87	133	125.60
2.20	27.0	53	14.10	4.90	52	86	32.70	7.60	75	117	78.60	11.00	94	142	142.00
2.30	27	53	14.10	5.00	52	86	31.40	7.70	75	117	78.60	11.50	94	142	158.40
2.40	30	57	14.50	5.10	52	86	34.00	7.80	75	117	78.60	12.00	101	152	181.30
2.50	30	57	13.70	5.20	52	86	34.00	7.90	75	117	78.60	12.50	101	152	198.70
2.60	30	57	15.60	5.30	52	86	34.00	8.00	75	117	70.70	13.00	101	152	217.40
2.70	33	61	15.70	5.40	57	93	40.30	8.10	75	117	82.00	13.50	108	160	137.00
2.80	33	61	16.90	5.50	57	93	39.20	8.20	75	117	82.00	14.00	108	160	250.10
2.90	33	61	16.90	5.60	57	93	42.20	8.30	75	117	82.00	14.50	114	169	276.30
3.00	33	61	15.60	5.70	57	93	42.20	8.40	75	117	82.00	15.00	114	169	286.10
3.10	36	65	18.30	5.80	57	93	44.30	8.50	75	117	77.20	15.50	120	178	299.20
												16.00	120	178	309.10

4.361VINOXL28

Kleinstbohrer HSS-E

- Typ N, rechts schneidend, kurz
- Zylinderschaft h6 präzisionsgeschliffen
- Mit verstärktem Schaft Ø d2
- HSS-E (Co 8%)
- in Schritten von 0.01 mm

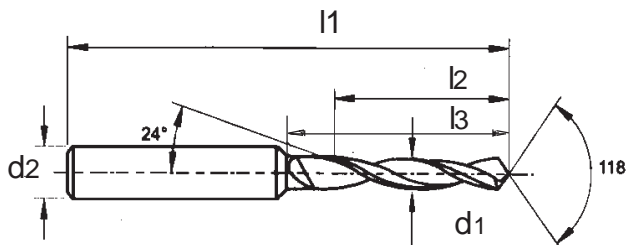
Micro foret en HSS-E

- Type N, coupe à droite, courte
- queue cylindrique rectifiée d'haute précision h6
- tige Ø d2 renforcée
- HSS-E (8%Co)
- dimens. en pas de 0.01mm

Micro twist drills in HSS-E

- type N, right hand cutting, short
- cylindrical shank h6 precision ground
- with reinforced shank Ø d2
- HSS-E (Co 8%)
- in steps of 0.01 mm

**4361S..
HSS-E**



d1	d2	l1	l2	l3	CHF	d1	d2	l1	l2	l3	CHF	d1	d2	l1	l2	l3	CHF
0	h6					0	h6					0	h6				
-0.004						-0.004						-0.004					
0.05	1.0	25	0.4	0.6	14.40	0.45	1.0	25	2.7	3.6	6.40	0.85	1.5	25	5.0	6.3	6.40
0.06	1.0	25	0.4	0.6	14.40	0.46	1.0	25	2.7	3.6	6.40	0.86	1.5	25	5.7	7.1	6.40
0.07	1.0	25	0.5	0.7	14.40	0.47	1.0	25	2.7	3.6	6.40	0.87	1.5	25	5.7	7.1	6.40
0.08	1.0	25	0.5	0.7	14.40	0.48	1.0	25	2.7	3.6	6.40	0.88	1.5	25	5.7	7.1	6.40
0.09	1.0	25	0.5	0.7	14.40	0.49	1.0	25	3.2	4.0	6.40	0.89	1.5	25	5.7	7.1	6.40
0.10	1.0	25	0.5	0.7	9.60	0.50	1.0	25	3.2	4.0	6.40	0.90	1.5	25	5.7	7.1	6.40
0.11	1.0	25	0.5	0.7	9.60	0.51	1.0	25	3.2	4.0	6.40	0.91	1.5	25	5.7	7.1	6.40
0.12	1.0	25	0.5	0.7	9.60	0.52	1.0	25	3.2	4.0	6.40	0.92	1.5	25	5.7	7.1	6.40
0.13	1.0	25	0.8	1.0	9.60	0.53	1.0	25	3.2	4.0	6.40	0.93	1.5	25	5.7	7.1	6.40
0.14	1.0	25	0.8	1.0	9.60	0.54	1.0	25	3.6	4.5	6.40	0.94	1.5	25	5.7	7.1	6.40
0.15	1.0	25	0.8	1.0	9.60	0.55	1.0	25	3.6	4.5	6.40	0.95	1.5	25	5.7	7.1	6.40
0.16	1.0	25	1.1	1.4	9.60	0.56	1.0	25	3.6	4.5	6.40	0.96	1.5	25	6.5	8.0	6.40
0.17	1.0	25	1.1	1.4	9.60	0.57	1.0	25	3.6	4.5	6.40	0.97	1.5	25	6.5	8.0	6.40
0.18	1.0	25	1.1	1.4	9.60	0.58	1.0	25	3.6	4.5	6.40	0.98	1.5	25	6.5	8.0	6.40
0.19	1.0	25	1.1	1.4	9.60	0.59	1.0	25	3.6	4.5	6.40	0.99	1.5	25	6.5	8.0	6.40
0.20	1.0	25	1.5	1.8	6.40	0.60	1.0	25	3.6	4.5	6.40	1.00	1.5	25	6.5	8.0	6.40
0.21	1.0	25	1.5	1.8	6.40	0.61	1.0	25	3.9	5.0	6.40	1.05	1.5	25	6.5	8.0	6.40
0.22	1.0	25	1.5	1.8	6.40	0.62	1.0	25	3.9	5.0	6.40	1.10	1.5	25	7.3	9.0	6.40
0.23	1.0	25	1.5	1.8	6.40	0.63	1.0	25	3.9	5.0	6.40	1.15	1.5	25	7.3	9.0	6.40
0.24	1.0	25	1.5	1.8	6.40	0.64	1.0	25	3.9	5.0	6.40	1.20	1.5	25	8.2	10.0	6.40
0.25	1.0	25	1.9	2.2	6.40	0.65	1.0	25	3.9	5.0	6.40	1.25	1.5	25	8.2	10.0	6.40
0.26	1.0	25	1.9	2.2	6.40	0.66	1.0	25	3.9	5.0	6.40	1.30	1.5	25	8.2	10.0	6.40
0.27	1.0	25	1.9	2.2	6.40	0.67	1.0	25	3.9	5.0	6.40	1.35	1.5	25	9.2	11.2	6.40
0.28	1.0	25	1.9	2.2	6.40	0.68	1.0	25	4.5	5.6	6.40	1.40	1.5	25	9.2	11.2	6.40
0.29	1.0	25	1.9	2.2	6.40	0.69	1.0	25	4.5	5.6	6.40	1.45	1.5	25	9.2	11.2	6.40
0.30	1.0	25	1.9	2.2	6.40	0.70	1.0	25	4.5	5.6	6.40	1.50	2.0	38	10.9	12.9	6.40
0.31	1.0	25	2.4	2.8	6.40	0.71	1.0	25	4.5	5.6	6.40	1.55	2.0	38	11.2	13.4	8.50
0.32	1.0	25	2.4	2.8	6.40	0.72	1.0	25	4.5	5.6	6.40	1.58	2.0	38	11.2	13.4	8.50
0.33	1.0	25	2.4	2.8	6.40	0.73	1.0	25	4.5	5.6	6.40	1.60	2.0	38	11.2	13.4	8.50
0.34	1.0	25	2.4	2.8	6.40	0.74	1.0	25	4.5	5.6	6.40	1.65	2.0	38	11.2	13.4	8.50
0.35	1.0	25	2.4	2.8	6.40	0.75	1.0	25	4.5	5.6	6.40	1.70	2.0	38	11.2	13.4	8.50
0.36	1.0	25	2.4	2.8	6.40	0.76	1.0	25	5.0	6.3	6.40	1.75	2.0	38	11.2	13.4	8.50
0.37	1.0	25	2.4	2.8	6.40	0.77	1.0	25	5.0	6.3	6.40	1.80	2.0	38	11.2	13.4	8.50
0.38	1.0	25	2.4	2.8	6.40	0.78	1.0	25	5.0	6.3	6.40	1.85	2.0	38	11.2	13.4	8.50
0.39	1.0	25	2.7	3.6	6.40	0.79	1.0	25	5.0	6.3	6.40	1.90	2.0	38	11.2	13.4	8.50
0.40	1.0	25	2.7	3.6	6.40	0.80	1.5	25	5.0	6.3	6.40	1.95	2.0	38	11.2	13.4	8.50
0.41	1.0	25	2.7	3.6	6.40	0.81	1.5	25	5.0	6.3	6.40	Weitere Dimensionen :					
0.42	1.0	25	2.7	3.6	6.40	0.82	1.5	25	5.0	6.3	6.40	Autres dimensions / other dimens.:					
0.43	1.0	25	2.7	3.6	6.40	0.83	1.5	25	5.0	6.3	6.40	2,00 - 3.175 8.50					
0.44	1.0	25	2.7	3.6	6.40	0.84	1.5	25	5.0	6.3	6.40	in Schritten von/en pas de/in steps of 0.05mm					