



**4375A.SL.. Zentrierbohrer 60° lange Ausführung**  
DIN 333

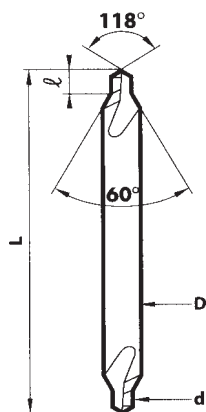
- Lange Ausführung Form A, DIN 333 rechtsschneidend,
- HSS  
Toleranzen: D h8, d k12, Winkel 60° -30', 118° ± 2°

**Foret à centrer 60° série longue**

- Exécution longue forme A selon DIN 333, coupe à droite, HSS
- tol.générales: D h8, d k12, angle 60° -30', 118° ± 2°

**Spotting drill 60° long execution**

- long execution form A, DIN 333 right hand cutting, HSS
- tolerances: D h8, d k12, angles 60° -30', 118° ± 2°



d	D	L	l	Best. Nr./order no.		d	D	L	l	Best. Nr./order no.	
mm	mm	mm	mm	no. de cde	CHF	mm	mm	mm	mm	no. de cde	CHF
0.75	3.50	120	1.0-1.2	4375A.SL. 010	43.80	3.00	8.00	120	3.9-4.4	4375A.SL. 130	35.00
0.75	3.50	60	1.0-1.2	4375A.SL. 020	14.20	3.00	8.00	80	3.9-4.4	4375A.SL. 140	18.00
1.00	4.00	120	1.3-1.6	4375A.SL. 030	31.00	3.15	8.00	200	3.9-4.4	4375A.SL. 150	71.70
1.00	4.00	60	1.3-1.6	4375A.SL. 040	14.10	3.00	10.00	100	3.9-4.4	4375A.SL. 160	24.70
1.50	5.00	120	2.0-2.4	4375A.SL. 050	30.50	3.00	10.00	120	3.9-4.4	4375A.SL. 170	40.60
1.50	5.00	60	2.0-2.4	4375A.SL. 060	14.70	4.00	10.00	100	5.0-5.6	4375A.SL. 180	24.70
2.00	5.00	200	2.5-2.9	4375A.SL. 070	77.50	4.00	10.00	120	5.0-5.6	4375A.SL. 190	40.60
2.00	6.00	120	2.5-2.9	4375A.SL. 080	31.90	4.00	10.00	200	5.0-5.6	4375A.SL. 200	78.10
2.00	6.00	80	2.5-2.9	4375A.SL. 090	15.50	4.00	12.00	100	5.0-5.6	4375A.SL. 210	32.00
2.50	6.30	200	3.1-3.6	4375A.SL. 100	76.10	4.00	12.00	120	5.0-5.6	4375A.SL. 220	49.40
2.50	8.00	120	3.1-3.6	4375A.SL. 110	35.00	4.00	12.00	150	5.0-5.6	4375A.SL. 225	58.40
2.50	8.00	80	3.1-3.6	4375A.SL. 120	18.00	5.00	14.00	120	6.3-6.9	4375A.SL. 230	60.90

**4375A.SL.. Sätze von 6 Zentrierbohrern-lange Ausführung -60° Winkel-Form A-HSS**

**Jeux de 6 forets extra longues angle 60°-Forme A-HSS**

**Sets of 6 spotting drills long execution 60° angle form A-HSS**



**Zusammensetzung:**  
je 1 Stück:

**Composition:**  
1 piece de chaque:

**Composition:**  
1 piece each:

4x1x60-5x1.5x60  
6x2x80-8x2.5x80  
10x3x100-12x4x100

4x1x60-5x1.5x60  
6x2x80-8x2.5x80  
10x3x100-12x4x100

4x1x60-5x1.5x60  
6x2x80-8x2.5x80  
10x3x100-12x4x100

**Best.Nr. / no.cde. / order no.: 4375A.SL.900**

**CHF 113.80**

**4377..**  
DIN 333B

**Zentrierbohrer 60°/120°, HSS Form B mit Schutzsenkung**

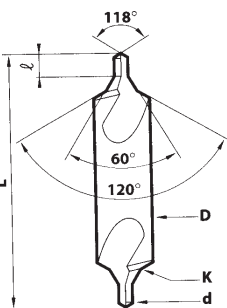
**Foret à centrer 60°/120° avec chanfrein de protection Forme B**

**Spotting drill 60°/120°, HSS form B with protection countersink**

- Die Schutzsenkung verstärkt die Wirkung der Zentrierbohrung gegen Schläge und Deformationen
- Die bessere Zentrierung ermöglicht die sichere Positionierung von Teilen zwischen Spitzen auf automatischen Maschinen  
Toleranzen: D h8, d k12, L ± 1, K k12, Winkel 60° -30', 120° -4', 118° ± 2°

- Chanfrein de protection garantit le centre obtenu contre tout risk de choc et de déformation
- Evasement facilite la prise entre pointes des pièces sur machine à alimentation automatique
- Tolérances: D h8, d k12, L ± 1, K k12, Angles 60° -30', 120° -4', 118° ± 2°

- the protection countersink reinforces the effect of the centering hole against hits and deformations
- The better centering method enables the safe positioning of pieces between centers on automatics
- Tolerances: D h8, d k12, L ± 1, K k12, Winkel 60° -30', 120° -4', 118° ± 2°



d	D	L	K	l	Best.Nr./order no.		d	D	L	K	l	Best.Nr/orde	
mm	mm	mm		mm	no.cde.	CHF	mm	mm	mm		mm	no.cde.	CHF
0.75	4.00	35	2.0	1.0-1.2	4377. 010	13.60	3.00	14.00	69	7.5	3.9-4.4	4377. 100	37.40
1.50	5.00	40	3.0	2.0-2.4	4377. 015	12.70	4.00	10.00	55	8.0	5.0-5.6	4377. 114	21.30
1.00	6.00	45	2.5	1.3-1.6	4377. 020	14.20	4.00	12.00	63	9.0	5.0-5.6	4377. 118	27.90
2.00	6.00	45	2.5	1.3-1.6	4377. 025	15.30	4.00	16.00	71	10.0	5.0-5.6	4377. 120	47.60
1.25	7.1*	45	3.6	1.6-2.4	4377. 040	12.40	4.00	18.00	77	10.0	5.0-5.6	4377. 130	52.50
1.50	8.00	50	3.8	2.0-2.4	4377. 050	16.50	5.00	12.00	63	9.0	6.3-6.9	4377. 134	27.90
2.00	10.00	55	5.0	2.5-2.9	4377. 070	19.80	5.00	14.00	80	13.2	8.0-8.6	4377. 138	37.40
2.50	8.00	50	5.5	3.1-3.6	4377. 075	17.70	5.00	20.00	80	12.5	6.3-6.9	4377. 140	83.70
3.00	10.00	55	7.0	3.9-4.4	4377. 085	19.80	6.00	18.00	77	12.0	8.0-8.6	4377. 155	52.50
2.50	12.00	63	6.3	3.1-3.6	4377. 090	29.90	6.30	25.00	100	16.0	8.0-8.6	4377. 170	128.10

\* solange Vorrat - jusqu'à épuisement du stock/till stock will last

**Zentrierbohrer HSS 60°**

Auch in **VHM** lieferbar siehe unten

Rabatte:10 % ab 10 Stück/Durchm.

**Mèches à centrer HSS 60°**

*livrables égalem.en mét.dur voir si dessous*

Remise:10% dès 10 pièces/diam.

**Spotting drills HSS 60°**

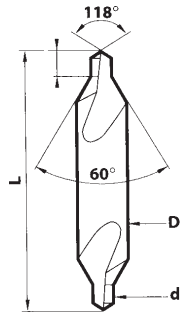
also available in carbide see below.

Discounts:10 % from 10 pcs./diam.

**4375A..**

DIN 333-A/VSM

DIN 333 - A					VSM				
D	d	L	I	CHF	D	d	L	I	CHF
3.15	x 0.50	25	0.70	7.00	16.00	x 5.00	71	6.60	30.10
3.15	x 0.80	25	1.10	7.00	16.00	x 6.30	71	8.30	26.50
3.15	x 1.00	31	1.40	7.00	20.00	x 6.30	80	8.30	58.40
3.15	x 1.25	31	1.70	7.00	20.00	x 8.00	80	10.40	51.40
4.00	x 1.25	35	1.70	7.55	25.00	x 8.00	100	10.50	96.70
4.00	x 1.60	35	2.20	7.00	25.00	x 10.00	100	13.20	70.90
5.00	x 1.60	40	2.20	7.50	31.50	x 10.00	125	13.20	228.40
4.375A112					3.50	x 0.75	35	1.10	7.50
					4.00	x 1.00	35	1.50	7.35
					5.00	x 1.50	40	2.20	7.30
					6.00	x 2.00	45	2.70	8.30
					8.00	x 2.50	50	3.40	9.30
					10.00	x 3.00	55	4.20	13.10
					12.00	x 4.00	63	5.30	22.35
					14.00	x 5.00	69	6.60	26.90
					18.00	x 6.00	77	8.30	42.20



**NC-Anbohrer HSS-CO 90°/120°**

**Centreur NC HSS-CO 90°/120°**

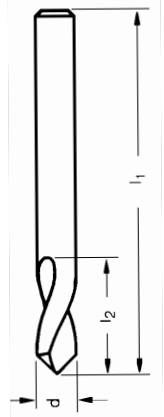
**NC-spott.drill HSS-CO 90°/120°**

- bei hoher Positioniergenauigkeit der Bohrung und bei langen Bohren mit grosser Kraglänge
- kurzer Bohrer mit tiefer Spannute, gehärteter Schaft, auf h6 Toleranz präzisions geschliffen
- mit 90° Spitzen für Senken und/od. Entgraten in 1 Arbeitsgang
- 120° besonders sichere Zentrierung beim Ansetzen des Bohrers

- *haute précision de centrage*
- *exécution courte avec hélice profonde rectifiée, tige trempée, rectifiée, tolérance h6*
- *type 90°: centreur ou centrer et chanfreiner en une passe*
- *type 120°: centrer et amorçage du perçage*

- high precision centering
- short execution deep flute grooves, hardened shank precision ground, tolerance h6
- with helical point 90° for centering and chamfering in one operation
- with helical point 120° specially secure centering when applying the drill on the material

**4354NC.. WEDEVAG**

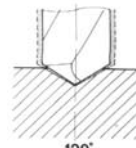
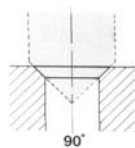


Rabatte:10 % ab 10 Stück/Durchm.

Remise:10% dès 10 pièces/diam.

Discounts:10 % from 10 pcs./diam.

d	l2	l1	CHF	d	l2	l1	CHF	d	l2	l1	CHF	d	l2	l1	CHF
3.0	15	46	8.30	6.0	20	66	12.20	11.0	30	89	19.90	20.0	50	131	54.70
4.0	15	55	9.70	8.0	20	66	13.20	12.0	30	102	23.70	25.0	50	151	82.30
5.0	20	62	12.30	10.0	30	89	15.10	16.0	40	115	28.00	4.354NC90115			



**Vollhartmetall NC-Anbohrer rechtsschneidend, 90/120°**

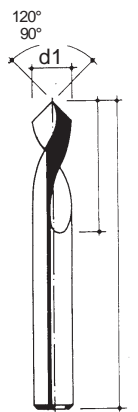
**Mèche en metal dur pour mise en perce NC, 90/120°**

**Carbide NC spotting drill RH cutting, 90/120°**

**4354NV90./120.**

d1	l1	l2	Best.Nr./no.cde. order no. 90°	CHF	Best.Nr./no.cde. order no. 120°	CHF
2.00	12	46	4354NV90. 0200	13.10		
3.00	15	46	4354NV90. 0300	13.10	4354NV120. 0300	9.60
4.00	15	55	4354NV90. 0400	15.10	4354NV120. 0400	12.50
5.00	15	62	4354NV90. 0500	18.10	4354NV120. 0500	19.50
6.00	21	50	4354NV90. 0600	20.20	4354NV120. 0600	22.20
8.00	25	60	4354NV90. 0800	29.20	4354NV120. 0800	32.10
10.00	27	70	4354NV90. 1000	41.10	4354NV120. 1000	45.30
12.00	27	70	4354NV90. 1200	53.20	4354NV120. 1200	58.90
14.00	30	75	4354NV90. 1400	78.20	4354NV120. 1400	86.20
16.00	30	75	4354NV90. 1600	98.60	4354NV120. 1600	109.30
18.00	33	100	4354NV90. 1800	158.50	4354NV120. 1800	175.70
20.00	30	100	4354NV90. 2000	175.70	4354NV120. 2000	193.90

4.354NV90112



**Vollhartmetall-Zentrierbohrer**

**Forets à centrer en carbure monobloc**

**Carbide-spotting drills**

d1	d2	l1	l2	Best.Nr./no.cde./order no.	CHF
0.80	3.00	38	1.30	4375V. 080	32.30
1.00	3.00	38	1.60	4375V. 100	34.30
1.25	3.00	38	1.90	4375V. 125	37.20
1.60	4.00	38	2.40	4375V. 160	43.10
2.00	5.00	50	2.90	4375V. 200	51.00
2.50	6.00	50	3.60	4375V. 250	58.70
3.15	8.00	60	4.40	4375V. 315	78.30
4.00	10.00	60	5.60	4375V. 400	102.70
5.00	12.00	60	6.00	4375V. 500	142.10
6.30	16.00	71	8.00	4375V. 630	215.30

4.375V112

**4375V ..**

