

HIGH PERFORMANCE VARI COUNTERSINK VARI IS THE NEW STANDARD

HP2 UNI universal use

HRC50 specialist for Hardox



Why use

PHANTOM VARI COUNTERSINK HP2 UNI AND HRC50?

- › Ergonomic: perfectly countersunk holes, quickly and effortlessly
- › The 3-flat shank prevents the tool from slipping in the chuck
- › the HRC50 is the specialist for harder materials such as Hardox up to HB500

THERE'S NO END TO WHAT YOU CAN DO.

THE NEW VARI COUNTERSINK: FAST AND VIBRATION-FREE DRILLING WITH THE BEST RESULT

The benefits:

- > **Smoother surface:** cuts vibration-free and quietly
- > **Quick and easy:** requires less power
- > **Universal use:** on virtually all materials
- > **Longer tool life:** stays sharp longer

HP2 UNI - very suitable for steel and stainless steel

> 42.347 Phantom

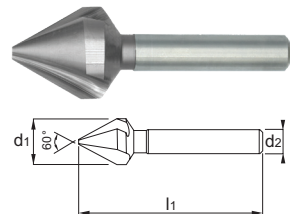
HP2 UNI HSS-E Vari Countersink 60°, 3 flute

HSS-E	DIN 334-C	 ³	 ³	60°								
P 11 ≤800 N/mm ²	P 12 ≤850 N/mm ²	P 13 <1000 N/mm ²	P 14 <1400 N/mm ²	M 21 INOX ≤850N/mm ²	M 22 INOX >850N/mm ²	K 31 GG	K 32 GGG GTS-GTW	N 41 Alu	N 42 Alu Si>10%	N 51 Cu	N 52 CuAlFe	N 61 PVC
25-35 H F	20-30 F	15-25 F	7-13 A	10-18 B	9-15 A	20-30 H	20-30 H	40-60 I	30-40 I	30-40 G	20-30 G	40-60

Ref.	d1	Min-Max Ø	l1	d2
42.347.0630	6.3	1,5-6,3	47	5
42.347.0830	8.3	2-8,3	52	6
42.347.1040	10.4	2,5-10,4	53	6

Ref.	d1	Min-Max Ø	l1	d2
42.347.1240	12.4	3-12,4	60	8
42.347.1650	16.5	4-16,5	65	10
42.347.2050	20.5	4-20,5	69	10

Ref.	d1	Min-Max Ø	l1	d2
42.347.2500	25	5-25	75	10
42.347.3100	31	6-31	81	12



> 42.547 Phantom

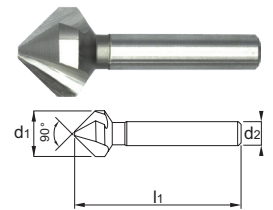
HP2 UNI HSS-E Countersink 90°, 3 flute

HSS-E	DIN 335-C	 ³	 ³	90°			HP2 UNI					
P 11 ≤800 N/mm ²	P 12 ≤850 N/mm ²	P 13 <1000 N/mm ²	P 14 <1400 N/mm ²	M 21 INOX ≤850N/mm ²	M 22 INOX >850N/mm ²	K 31 GG	K 32 GGG GTS-GTW	N 41 Alu	N 42 Alu Si>10%	N 51 Cu	N 52 CuAlFe	N 61 PVC
25-35 H F	20-30 F	15-25 F	7-13 A	10-18 B	9-15 A	20-30 H	20-30 H	40-60 I	30-40 I	30-40 G	20-30 G	40-60 I

Ref.	d1	Min-Max Ø	l1	d2
42.547.0430	4.3	1,3-4,3	40	4
42.547.0530	5.3	1,5-5,3	40	4
42.547.0600	6	1,5-6	45	5
42.547.0630	6.3	1,5-6,3	45	5
42.547.0730	7.3	1,8-7,3	50	6
42.547.0800	8	2-8	50	6
42.547.0830	8.3	2-8,3	50	6

Ref.	d1	Min-Max Ø	l1	d2
42.547.0940	9.4	2,2-9,4	50	6
42.547.1000	10	2,5-10	50	6
42.547.1040	10.4	2,5-10,4	50	6
42.547.1150	11.5	2,8-11,5	50	8
42.547.1240	12.4	2,8-12,4	56	8
42.547.1440	14.4	2,9-14,4	56	8
42.547.1500	15	3,2-15	60	10

Ref.	d1	Min-Max Ø	l1	d2
42.547.1650	16.5	3,2-16,5	60	10
42.547.2050	20.5	3,5-20,5	63	10
42.547.2500	25	3,8-25	67	10
42.547.2800	28	4-28	71	12
42.547.3100	31	4-31	71	12



> 42.548 Phantom

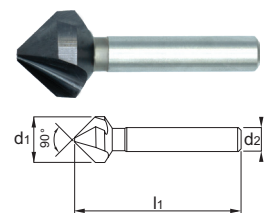
HP2 UNI HSS-E Countersink 90°, 3 flute, AlTiN-X

HSS-E	AlTiN X	DIN 335-C			90°			HP2 UNI					
P 11	P 12	P 13	P 14	M 21	M 22	K 31	K 32	N 41	N 42	N 51	N 52	S 71	S 72
≤800 N/mm²	≤850 N/mm²	<1000 N/mm²	<1400 N/mm²	INOX ≤850N/mm²	INOX >850N/mm²	GG	GGG GTS-GTW	Alu	Alu Si>10%	Cu	CuAlFe	Ni/Co	Ti
30-40	25-35	20-30	10-16	13-21	12-20	25-35	30-40	60-80	30-50	40-60	30-40	7-11	7-11

Ref.	d1	Min-Max Ø	l1	d2
42.548.0430	4.3	1,3-4,3	40	4
42.548.0600	6	1,5-6	45	5
42.548.0630	6.3	1,5-6,3	45	5
42.548.0800	8	2-8	50	6
42.548.0830	8.3	2-8,3	50	6

Ref.	d1	Min-Max Ø	l1	d2
42.548.1000	10	2,5-10	50	6
42.548.1040	10.4	2,5-10,4	50	6
42.548.1150	11.5	2,8-11,5	50	8
42.548.1240	12.4	2,8-12,4	56	8
42.548.1500	15	3,2-15	60	10

Ref.	d1	Min-Max Ø	l1	d2
42.548.1650	16.5	3,2-16,5	60	10
42.548.2050	20.5	3,5-20,5	63	10
42.548.2500	25	3,8-25	67	10
42.548.3100	31	4-31	71	12



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Orders placed via Phantom.eu before 7 pm (local time) will be shipped the same day!

www.phantom.eu

> 42.557 Phantom

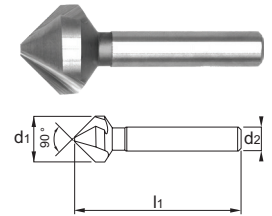
HP2 UNI HSS-E Countersink 90°, 3 flute, with 3 flat surfaces

HSS-E	DIN 335-C			90°					HP2 UNI			
P 11	P 12	P 13	P 14	M 21	M 22	K 31	K 32	N 41	N 42	N 51	N 52	N 61
≤600 N/mm²	≤850 N/mm²	<1000 N/mm²	<1400 N/mm²	INOX ≤850N/mm²	INOX >850N/mm²	GG	GGG GTS-GTW	Alu	Alu Si>10%	Cu	CuAlFe	PVC
25-35 H	20-30 F	15-25 F	7-13 A	10-18 B	9-15 A	20-30 H	20-30 H	40-60 I	30-40 I	30-40 G	20-30 G	40-60 I

Ref.	d1	Min-Max Ø	l1	d2
42.557.0630	6.3	1,5-6,3	45	5
42.557.0830	8.3	2-8,3	50	6
42.557.1040	10.4	2,5-10,4	50	6
42.557.1240	12.4	2,8-12,4	56	8

Ref.	d1	Min-Max Ø	l1	d2
42.557.1500	15	3,2-15	60	10
42.557.1650	16.5	3,2-16,5	60	10
42.557.2050	20.5	3,5-20,5	63	10
42.557.2500	25	3,8-25	67	10

Ref.	d1	Min-Max Ø	l1	d2
42.557.3100	31	4-31	71	12
42.557.3500	35	7-35	104	12
42.557.4000	40	8-40	112	12
42.557.5000	50	10-50	125	16



> 42.558 Phantom

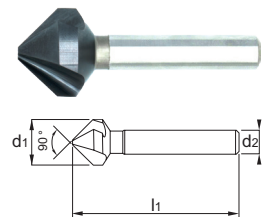
HP2 UNI HSS-E Countersink 90°, 3 flute, AlTiN-X, with 3 flat surfaces

HSS-E	AlTiN X	DIN 335-C	 ³	 ³	90°					HP2 UNI			
P 11	P 12	P 13	P 14	M 21	M 22	K 31	K 32	N 41	N 42	N 51	N 52	S 71	S 72
≤500 N/mm²	≤850 N/mm²	<1000 N/mm²	<1400 N/mm²	INOX ≤850N/mm²	INOX >850N/mm²	GG	GGG GTS-GTW	Alu	Alu Si>10%	Cu	CuAlFe	Ni/Co	Ti
30-40 H	25-35 F	20-30 F	10-16 A	13-21 B	12-20 A	25-35 H	30-40 H	60-80 I	30-50 I	40-60 G	30-40 G	7-11 A	7-11 B

Ref.	d1	Min-Max Ø	l1	d2
42.558.0630	6.3	1,5-6,3	45	5
42.558.0830	8.3	2-8,3	50	6
42.558.1040	10.4	2,5-10,4	50	6
42.558.1240	12.4	2,8-12,4	56	8

Ref.	d1	Min-Max Ø	l1	d2
42.558.1500	15	3,2-15	60	10
42.558.1650	16.5	3,2-16,5	60	10
42.558.2050	20.5	3,5-20,5	63	10
42.558.3100	31	4-31	71	12

Ref.	d1	Min-Max Ø	l1	d2
42.558.4000	40	8-40	112	12
42.558.5000	50	10-50	125	16



HRC50 - specialist for Hardox

> 42.582 Phantom

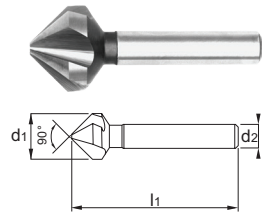
HRC50 HSS-E 8% Countersink 90°, with 3 flat surfaces

														
														
≤600 N/mm ²	≤850 N/mm ²	<1000 N/mm ²	<1400 N/mm ²	HRC	INOX >850N/mm ²	INOX >850N/mm ²	GG	GGG GTS-GTW	Alu	Alu Si>10%	Cu	CuAlFe	Ni/Co	Ti
30-40	25-35	20-30	10-16	9-14	13-21	12-20	25-35	30-40	60-80	30-50	40-60	30-40	7-11 B	7-11 H

Ref.	d1	Min-Max Ø	l1	d2	z
42.582.0630	6.3	1,5-6,3	45	5	4
42.582.0830	8.3	2-8,3	50	6	4
42.582.1040	10.4	2,5-10,4	50	6	4

Ref.	d1	Min-Max Ø	l1	d2	z
42.582.1240	12.4	2,8-12,4	56	8	5
42.582.1650	16.5	3,2-16,5	60	10	5
42.582.2050	20.5	3,5-20,5	63	10	5

Ref.	d1	Min-Max Ø	l1	d2	z
42.582.2500	25	3,8-25	67	10	5
42.582.3100	31	4-31	71	12	5



Test & Training Center

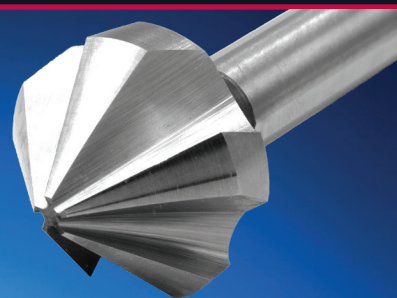
NL Vari verzinkboren in actie
FR Il n'y pas de limites avec notre nouvelle génération de fraises à chanfreiner
ES Los avellanadores Vari en acción
DE Vari-Kegelsenker in Aktion
EN Vari-countersinks in action

Watch me

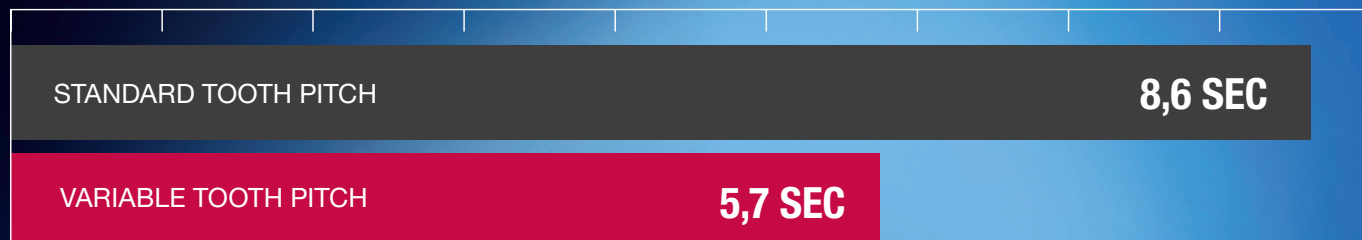


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A VARI COUNTERSINK WORKS 30% FASTER THAN THE STANDARD



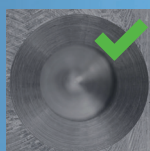
Number of seconds



Test: diameter 16.5 mm - material 1.0037 / St37. Drilled hole; 6.8 mm - countersunk screw M8



Rough surface with
standard countersink



Smooth surface with
the vari countersink

TEST THE NEW VARI COUNTERSINKS NOW FOR FREE!

Would you also like to experience how quickly and smoothly this Phantom Vari countersink works? Then call +31 (0) 55 506 76 00, choose the desired size and you will receive this Phantom Vari countersink free of charge.

Our technicians will support you in choosing the right tool for maximum efficiency.



YOUR DEALER:

ORDER PLACED BEFORE 19:00 VIA PHANTOM.EU WILL BE SHIPPED THE SAME DAY

Phantom is the A-brand of Van Ommen B.V. The products under this label are of extreme precision and top quality. From stock, Van Ommen B.V. supplies a complete range of machining and clamping tools for metalworking. View the most current range on www.phantom.eu

THERE'S NO END TO WHAT YOU CAN DO.