

**International
Tools**

SMART METAL TOOLS FOR YOU



VOOR UNIVERSEEL GEBRUIK BIJ KLEINE SERIES

VOLHARDMETAAL SPIRAALBOREN

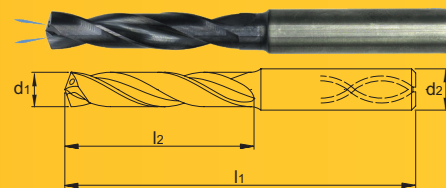
- Grote mix aan opdrachten in kleine series
- Beste prijs/kwaliteit combinatie in de markt
- Met interne koelkanalen
- Lange standtijd door TiAlN coating
- Verkrijgbaar in de meest gangbare diameters

PHANTOM.EU

11.252

ECO PRO Volhardmetaal Spiraalboor 3xD met koelkanaal, TiAlN

MG HM	TiAlN	DIN 6537-K	3xD	DIN 6535-HA	h6			140°		ECO PRO
P 11 ≤600 N/mm²	P 12 ≤850 N/mm²	P 13 ≤1000 N/mm²	P 14 ≤1400 N/mm²	H 15 HRC	M 21 INOX ≤850 N/mm²	M 22 INOX >850 N/mm²	K 31 GG	K 32 GGG GTS-GTW	N 51 Cu	S 71 Ni/Co
130-145 G	80-170 F	65-145 F	60-105 C	35-55 C	55-60 C	35-45 C	160-210 I	130-140 H	80-220 G	30-35 D



Ref.	d1	d2	l1	l2
11.252.0300	3	6	62	20
11.252.0320	3.2	6	62	20
11.252.0330	3.3	6	62	20
11.252.0340	3.4	6	62	20
11.252.0350	3.5	6	62	20
11.252.0400	4	6	66	24
11.252.0420	4.2	6	66	24
11.252.0430	4.3	6	66	24
11.252.0450	4.5	6	66	24
11.252.0480	4.8	6	66	28
11.252.0500	5	6	66	28
11.252.0510	5.1	6	66	28
11.252.0520	5.2	6	66	28
11.252.0550	5.5	6	66	28

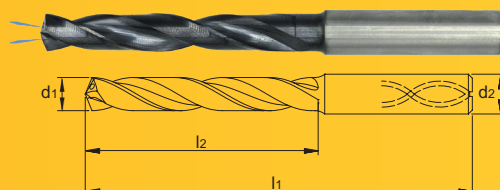
Ref.	d1	d2	l1	l2
11.252.0580	5.8	6	66	28
11.252.0600	6	6	66	28
11.252.0620	6.2	8	79	34
11.252.0650	6.5	8	79	34
11.252.0680	6.8	8	79	34
11.252.0690	6.9	8	79	34
11.252.0700	7	8	79	34
11.252.0740	7.4	8	79	41
11.252.0750	7.5	8	79	41
11.252.0780	7.8	8	79	41
11.252.0800	8	8	79	41
11.252.0850	8.5	10	89	47
11.252.0860	8.6	10	89	47
11.252.0880	8.8	10	89	47

Ref.	d1	d2	l1	l2
11.252.0900	9	10	89	47
11.252.0950	9.5	10	89	47
11.252.1000	10	10	89	47
11.252.1020	10.2	12	102	55
11.252.1030	10.3	12	102	55
11.252.1050	10.5	12	102	55
11.252.1100	11	12	102	55
11.252.1150	11.5	12	102	55
11.252.1200	12	12	102	55
11.252.1250	12.5	14	107	60
11.252.1300	13	14	107	60
11.252.1400	14	14	107	60

11.272

ECO PRO Volhardmetaal Spiraalboor 5xD met koelkanaal, TiAlN

MG HM	TiAlN	DIN 6537-L	5xD	DIN 6535-HA	h6			140°		ECO PRO
P 11 ≤600 N/mm²	P 12 ≤850 N/mm²	P 13 ≤1000 N/mm²	P 14 ≤1400 N/mm²	H 15 HRC	M 21 INOX ≤850 N/mm²	M 22 INOX >850 N/mm²	K 31 GG	K 32 GGG GTS-GTW	N 51 Cu	S 71 Ni/Co
130-145 G	80-170 F	65-145 F	60-105 C	35-55 C	55-60 C	35-45 C	160-210 I	130-140 H	80-220 G	30-35 D



Ref.	d1	d2	l1	l2
11.272.0300	3	6	66	28
11.272.0320	3.2	6	66	28
11.272.0330	3.3	6	66	28
11.272.0340	3.4	6	66	28
11.272.0350	3.5	6	66	28
11.272.0400	4	6	74	36
11.272.0420	4.2	6	74	36
11.272.0430	4.3	6	74	36
11.272.0450	4.5	6	74	36
11.272.0480	4.8	6	82	44
11.272.0500	5	6	82	44
11.272.0510	5.1	6	82	44
11.272.0520	5.2	6	82	44
11.272.0550	5.5	6	82	44

Ref.	d1	d2	l1	l2
11.272.0580	5.8	6	82	44
11.272.0600	6	6	82	44
11.272.0620	6.2	8	91	53
11.272.0650	6.5	8	91	53
11.272.0680	6.8	8	91	53
11.272.0690	6.9	8	91	53
11.272.0700	7	8	91	53
11.272.0740	7.4	8	91	53
11.272.0750	7.5	8	91	53
11.272.0780	7.8	8	91	53
11.272.0800	8	8	91	53
11.272.0850	8.5	10	103	61
11.272.0860	8.6	10	103	61
11.272.0880	8.8	10	103	61

Ref.	d1	d2	l1	l2
11.272.0900	9	10	103	61
11.272.0950	9.5	10	103	61
11.272.1000	10	10	103	61
11.272.1020	10.2	12	118	71
11.272.1030	10.3	12	118	71
11.272.1050	10.5	12	118	71
11.272.1100	11	12	118	71
11.272.1150	11.5	12	118	71
11.272.1200	12	12	118	71
11.272.1250	12.5	14	124	77
11.272.1300	13	14	124	77
11.272.1400	14	14	124	77



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van International Tools.