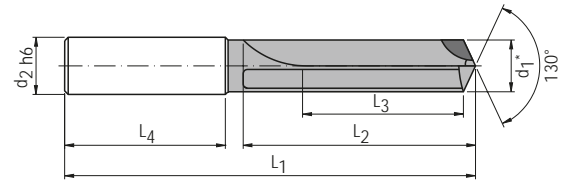
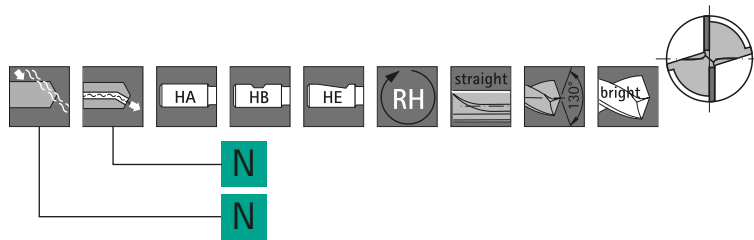


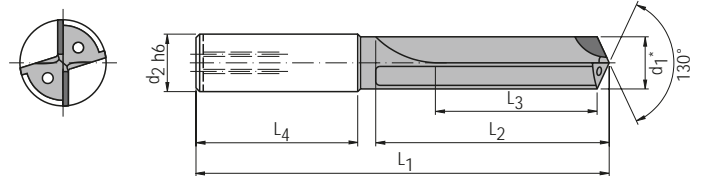
# PCD drill with straight flutes

## M2903 / M2913



Design:

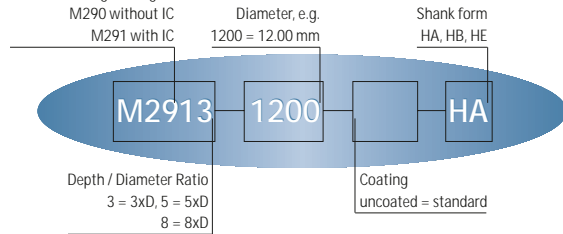
Drill diameter: 5.00 – 20.00 mm  
0.1969 – 0.7874 Inch  
Bore tolerance: IT8 (achievable)  
No. of margins: 2



Product is built-to-order!

To order, use the following order code:

PCD high performance drill  
with straight margins  
M290 without IC  
M291 with IC



Drill diameter		Dimensions					
d <sub>1</sub> *		Shank diameter	Total length	Margin length	Maximum drilling depth	Shank length	
mm	Dec. equivalent Inch	d <sub>2</sub> h <sub>6</sub> mm	L <sub>1</sub> mm	L <sub>2</sub> mm	L <sub>3</sub> mm	L <sub>4</sub> mm	
5.00 – 6.00	0.1969 – 0.2362	6	66	28	20	36	<input type="checkbox"/>
6.10 – 7.00	0.2402 – 0.2756	8	79	34	24	36	<input type="checkbox"/>
7.10 – 8.00	0.2795 – 0.3150	8	79	41	29	36	<input type="checkbox"/>
8.10 – 10.00	0.3189 – 0.3937	10	89	47	35	40	<input type="checkbox"/>
10.10 – 12.00	0.3976 – 0.4724	12	102	55	40	45	<input type="checkbox"/>
12.50 – 14.00	0.4921 – 0.5512	14	107	60	43	45	<input type="checkbox"/>
14.50 – 16.00	0.5709 – 0.6299	16	115	65	45	48	<input type="checkbox"/>
16.50 – 18.00	0.6496 – 0.7087	18	123	73	51	48	<input type="checkbox"/>
18.50 – 20.00	0.7283 – 0.7874	20	131	79	55	50	<input type="checkbox"/>

For machining values see Page 94.

\* The bore diameter tolerance d<sub>1</sub> is within the bore tolerance field H7.

# PCD drill with straight flutes

## M2905 / M2915 / M2918



M2905



M2915

5xD

Drill diameter d <sub>1</sub> *		Dimensions					
mm	Dec. equivalent Inch	Shank diameter d <sub>2</sub> h <sub>6</sub> mm	Total length L <sub>1</sub> mm	Margin length L <sub>2</sub> mm	Maximum drilling depth L <sub>3</sub> mm	Shank length L <sub>4</sub> mm	
5.00 – 6.00	0.1969 – 0.2362	6	82	44	35	36	<input type="checkbox"/>
6.10 – 8.00	0.2402 – 0.3150	8	91	53	43	36	<input type="checkbox"/>
8.10 – 10.00	0.3189 – 0.3937	10	103	61	49	40	<input type="checkbox"/>
10.10 – 12.00	0.3976 – 0.4724	12	118	71	56	45	<input type="checkbox"/>
12.50 – 14.00	0.4921 – 0.5512	14	124	77	60	45	<input type="checkbox"/>
14.50 – 16.00	0.5709 – 0.6299	16	133	83	63	48	<input type="checkbox"/>
16.50 – 18.00	0.6496 – 0.7087	18	143	93	71	48	<input type="checkbox"/>
18.50 – 20.00	0.7283 – 0.7874	20	153	101	77	50	<input type="checkbox"/>



M2918

8xD

Drill diameter d <sub>1</sub> *		Dimensions					
mm	Dec. equivalent Inch	Shank diameter d <sub>2</sub> h <sub>6</sub> mm	Total length L <sub>1</sub> mm	Margin length L <sub>2</sub> mm	Maximum drilling depth L <sub>3</sub> mm	Shank length L <sub>4</sub> mm	
5.00 – 6.00	0.1969 – 0.2362	6	95	57	48	36	<input type="checkbox"/>
6.10 – 8.00	0.2402 – 0.3150	8	114	76	64	36	<input type="checkbox"/>
8.10 – 10.00	0.3189 – 0.3937	10	142	95	80	40	<input type="checkbox"/>
10.10 – 12.00	0.3976 – 0.4724	12	162	114	96	45	<input type="checkbox"/>
12.50 – 14.00	0.4921 – 0.5512	14	178	133	112	45	<input type="checkbox"/>
14.50 – 16.00	0.5709 – 0.6299	16	203	152	128	48	<input type="checkbox"/>
16.50 – 18.00	0.6496 – 0.7087	18	222	171	144	48	<input type="checkbox"/>
18.50 – 20.00	0.7283 – 0.7874	20	243	190	160	50	<input type="checkbox"/>

\* The bore diameter tolerance d<sub>1</sub> is within the bore tolerance field H7.

For machining values see Page 94.