



### Forets cylindriques longs à droite

<b>Géométrie</b>	Hélice standard, 30°
<b>Affûtage</b>	118° en croix jusqu'à 14 mm 118° âme amincie au dessus de 14 mm
<b>Traitement</b>	Brillant jusqu'à 1,00 mm Bleu à partir de 1,00 mm
<b>Utilisation</b>	Générale: Aciers, fontes, etc... jusqu'à 1000 N/mm <sup>2</sup>



### Spiralbohrer zylindrisch, rechtsschneidend, lang

<b>Spiralwinkel</b>	ca. 30°, rechtsschneidend
<b>Anschliff</b>	Kegelmantelanschliff 118°
<b>Oberfläche</b>	Blank bis 1,00 mm Ø, Dampfangelassen ab 1 mm Ø.
<b>Anwendung</b>	Für allgemeine Bohrarbeiten.



### Spiraalboren, cil. schacht

<b>Spaangroef</b>	Normale spiraalhoek, ca. 30°
<b>Punthoek</b>	Kegelmantel 118° uitgedund vanaf 14,0 mm
<b>Oppervlaktebeh</b>	Blank: tot 1,00 mm Stoomontlaten: vanaf 1,00 mm
<b>Toepassing</b>	Algemeen gebruik, voor staal en gietijzer en daar waar lange lengte noodzakelijk is. Tot 1000 N/mm <sup>2</sup> treksterkte.

Entry Code	d <sub>1</sub> Øh <sub>8</sub> Inch /	d <sub>1</sub> Øh <sub>8</sub> mm	l <sub>2</sub> mm	l <sub>1</sub> mm	Entry Code	d <sub>1</sub> Øh <sub>8</sub> Inch /	d <sub>1</sub> Øh <sub>8</sub> mm	l <sub>2</sub> mm	l <sub>1</sub> mm	Entry Code	d <sub>1</sub> Øh <sub>8</sub> Inch /	d <sub>1</sub> Øh <sub>8</sub> mm	l <sub>2</sub> mm	l <sub>1</sub> mm
A110.5		0,50	12	32	A1102.4		2,40	62	95	A1104.3		4,30	82	126
A110.6		0,60	15	35	A1102.5		2,50	62	95	A11011/64	11/64	4,37	82	126
A110.7		0,70	21	42	A1102.6		2,60	62	95	A1104.4		4,40	82	126
A1101/32	1/32	0,79	25	46	A1102.7		2,70	66	100	A1104.5		4,50	82	126
A110.8		0,80	25	46	A1107/64	7/64	2,78	66	100	A1104.6		4,60	82	126
A110.9		0,90	29	51	A1102.8		2,80	66	100	A1104.7		4,70	82	126
A1101.0		1,00	33	56	A1102.9		2,90	66	100	A1104.75		4,75	82	126
A1101.1		1,10	37	60	A1103.0		3,00	66	100	A1103/16	3/16	4,76	87	132
A1101.2		1,20	41	65	A1103.1		3,10	69	106	A1104.8		4,80	87	132
A1101.3		1,30	41	65	A1101/8	1/8	3,18	69	106	A1104.9		4,90	87	132
A1101.4		1,40	45	70	A1103.2		3,20	69	106	A1105.0		5,00	87	132
A1101.5		1,50	45	70	A1103.25		3,25	69	106	A1105.1		5,10	87	132
A1101/16	1/16	1,59	50	76	A1103.3		3,30	69	106	A11013/64	13/64	5,16	87	132
A1101.6		1,60	50	76	A1103.4		3,40	73	112	A1105.2		5,20	87	132
A1101.7		1,70	50	76	A1103.5		3,50	73	112	A1105.25		5,25	87	132
A1101.75		1,75	53	80	A1109/64	9/64	3,57	73	112	A1105.3		5,30	87	132
A1101.8		1,80	53	80	A1103.6		3,60	73	112	A1105.4		5,40	91	139
A1101.9		1,90	53	80	A1103.7		3,70	73	112	A1105.5		5,50	91	139
A1105/64	5/64	1,98	56	85	A1103.75		3,75	73	112	A1107/32	7/32	5,56	91	139
A1102.0		2,00	56	85	A1103.8		3,80	78	119	A1105.6		5,60	91	139
A1102.05		2,05	56	85	A1103.9		3,90	78	119	A1105.7		5,70	91	139
A1102.1		2,10	56	85	A1105/32	5/32	3,97	78	119	A1105.75		5,75	91	139
A1102.2		2,20	59	90	A1104.0		4,00	78	119	A1105.8		5,80	91	139
A1102.25		2,25	59	90	A1104.1		4,10	78	119	A1105.9		5,90	91	139
A1102.3		2,30	59	90	A1104.2		4,20	78	119	A11015/64	15/64	5,95	91	139
A1103/32	3/32	2,38	62	95	A1104.25		4,25	78	119	A1106.0		6,00	91	139

# A110 HSS



## ISO 494/DIN 340 RN

Entry Code	d <sub>1</sub> Øh <sub>8</sub> Inch /	d <sub>1</sub> Øh <sub>8</sub> mm	l <sub>2</sub> mm	l <sub>1</sub> mm	Entry Code	d <sub>1</sub> Øh <sub>8</sub> Inch /	d <sub>1</sub> Øh <sub>8</sub> mm	l <sub>2</sub> mm	l <sub>1</sub> mm	Entry Code	d <sub>1</sub> Øh <sub>8</sub> Inch /	d <sub>1</sub> Øh <sub>8</sub> mm	l <sub>2</sub> mm	l <sub>1</sub> mm
A1106.1		6,10	97	148	A1108.5		8,50	109	165	A11011.5		11,50	128	195
A1106.2		6,20	97	148	A1108.6		8,60	115	175	A11011.75		11,75	128	195
A1106.25		6,25	97	148	A1108.7		8,70	115	175	A11011.9		11,90	134	205
A1106.3		6,30	97	148	A11011/32	11/32	8,73	115	175	A11012.0		12,00	134	205
A1101/4	1/4	6,35	97	148	A1108.75		8,75	115	175	A11012.1		12,10	134	205
A1106.4		6,40	97	148	A1108.8		8,80	115	175	A11012.25		12,25	134	205
A1106.5		6,50	97	148	A1108.9		8,90	115	175	A11012.5		12,50	134	205
A1106.6		6,60	97	148	A1109.0		9,00	115	175	A1101/2	1/2	12,70	134	205
A1106.7		6,70	97	148	A1109.1		9,10	115	175	A11013.0		13,00	134	205
A11017/64	17/64	6,75	102	156	A1109.2		9,20	115	175	A11017/32	17/32	13,49	140	214
A1106.75		6,75	102	156	A1109.25		9,25	115	175	A11013.5		13,50	140	214
A1106.8		6,80	102	156	A1109.3		9,30	115	175	A11014.0		14,00	140	214
A1106.9		6,90	102	156	A1109.4		9,40	115	175	A1109/16	9/16	14,29	144	220
A1107.0		7,00	102	156	A1109.5		9,50	115	175	A11014.5		14,50	144	220
A1107.1		7,10	102	156	A1103/8	3/8	9,53	121	184	A11015.0		15,00	144	220
A1109/32	9/32	7,14	102	156	A1109.6		9,60	121	184	A11015.5		15,50	149	227
A1107.2		7,20	102	156	A1109.7		9,70	121	184	A1105/8	5/8	15,88	149	227
A1107.25		7,25	102	156	A1109.75		9,75	121	184	A11016.0		16,00	149	227
A1107.3		7,30	102	156	A1109.8		9,80	121	184	A11016.5		16,50	154	235
A1107.4		7,40	102	156	A1109.9		9,90	121	184	A11017.0		17,00	154	235
A1107.5		7,50	102	156	A11010.0		10,00	121	184	A11011/16	11/16	17,46	158	241
A1107.7		7,70	109	165	A11010.1		10,10	121	184	A11017.5		17,50	158	241
A1107.75		7,75	109	165	A11010.2		10,20	121	184	A11018.0		18,00	158	241
A1107.8		7,80	109	165	A11010.25		10,25	121	184	A11018.5		18,50	162	247
A1107.9		7,90	109	165	A11010.3		10,30	121	184	A11019.0		19,00	162	247
A1105/16	5/16	7,94	109	165	A11013/32	13/32	10,32	121	184	A1103/4	3/4	19,05	166	254
A1108.0		8,00	109	165	A11010.5		10,50	121	184	A11019.5		19,50	166	254
A1108.1		8,10	109	165	A11010.75		10,75	128	195	A11020.0		20,00	166	254
A1108.2		8,20	109	165	A11010.8		10,80	128	195	A11021.0		21,00	171	261
A1108.25		8,25	109	165	A11011.0		11,00	128	195	A11022.0		22,00	176	268
A1108.3		8,30	109	165	A1107/16	7/16	11,11	128	195	A1107/8	7/8	22,23	176	268
A1108.4		8,40	109	165	A11011.25		11,25	128	195	A1101	1.	25,40	190	290