

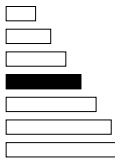
FRAISES

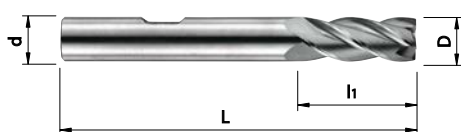
Fraises

Fräser

End mills

Frese

5	2	1	1	5	5	3	0	G	521.155.30	521.155.30G
HSS Co8	Fraises Fräser End mills Frese			Z3 - 5		$\lambda 30^\circ$ $\gamma \sim 10^\circ$		AlCrON		



OPT
hss



Type N
ISO 1641/I

D	d _{h6}	l ₁	L	Z	Non revêtu	Revêtu AlCrON
2	6	7	51	3	521.155.30-02	521.155.30G-02
2.5	6	8	52	3	521.155.30-02.5	521.155.30G-02.5
3	6	8	52	3	521.155.30-03	521.155.30G-03
3.5	6	10	54	3	521.155.30-03.5	521.155.30G-03.5
4	6	11	55	3	521.155.30-04	521.155.30G-04
4.5	6	11	55	3	521.155.30-04.5	521.155.30G-04.5
5	6	13	57	3	521.155.30-05	521.155.30G-05
5.5	6	13	57	3	521.155.30-05.5	521.155.30G-05.5
6	6	13	57	3	521.155.30-06	521.155.30G-06
7	8	16	60	4	521.155.30-07	521.155.30G-07
8	8	19	63	4	521.155.30-08	521.155.30G-08
9	10	19	69	4	521.155.30-09	521.155.30G-09
10	10	22	72	4	521.155.30-10	521.155.30G-10
11	12	22	79	4	521.155.30-11	521.155.30G-11
12	12	26	83	4	521.155.30-12	521.155.30G-12
13	12	26	83	4	521.155.30-13	521.155.30G-13
14	12	26	83	4	521.155.30-14	521.155.30G-14
15	12	26	83	4	521.155.30-15	521.155.30G-15
16	16	32	92	4	521.155.30-16	521.155.30G-16
18	16	32	92	4	521.155.30-18	521.155.30G-18
20	20	38	104	4	521.155.30-20	521.155.30G-20
22	20	38	104	4	521.155.30-22	521.155.30G-22
25	25	45	121	5	521.155.30-25	521.155.30G-25

Livrabale avec revêtement TiCN jusqu'à épuisement du stock

FRAISES

Fraises

Fräser

End mills

Frese

5

2

1

1

5

5

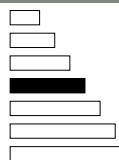
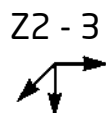
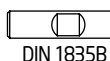
8

0

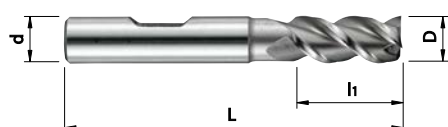
521.155.80

HSS Co8

Fraises
Fräser
End mills
Frese



$\lambda 45^\circ$
 $\gamma \sim 20^\circ$



OPTI
hss



Type W
ISO 1641/I

D	d _{h6}	l ₁	L	Z	Non revêtu
2	6	7	51	2	521.155.80-02
2.5	6	8	52	2	521.155.80-02.5
3	6	8	52	2	521.155.80-03
4	6	11	55	2	521.155.80-04
5	6	13	57	2	521.155.80-05
6	6	13	57	2	521.155.80-06
8	8	19	63	2	521.155.80-08
10	10	22	72	2	521.155.80-10
12	12	26	83	3	521.155.80-12
14	12	26	83	3	521.155.80-14
16	16	32	92	3	521.155.80-16
18	16	32	92	3	521.155.80-18
20	20	38	104	3	521.155.80-20
25	25	45	121	3	521.155.80-25

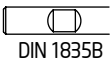
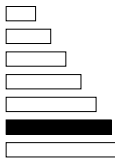
FRAISES

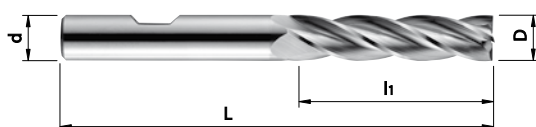
Fraises

Fräser

End mills

Frese

5	2	1	1	5	7	3	0	G		521.157.30	521.157.30
HSS Co8	Fraises Fräser End mills Frese			Z3 - 5 		$\lambda 30^\circ$ $\gamma \sim 10^\circ$		AlCrON			



OPT
hss



Type N
ISO 1641/I

D	d _{h6}	l ₁	L	Z	Non revêtu	Revêtu AlCrON
3	6	12	56	3	521.157.30-03	521.157.30G-03
4	6	19	63	3	521.157.30-04	521.157.30G-04
5	6	24	68	3	521.157.30-05	521.157.30G-05
6	6	24	68	3	521.157.30-06	521.157.30G-06
7	8	30	74	4	521.157.30-07	521.157.30G-07
8	8	38	82	4	521.157.30-08	521.157.30G-08
9	10	38	88	4	521.157.30-09	521.157.30G-09
10	10	45	95	4	521.157.30-10	521.157.30G-10
12	12	53	110	4	521.157.30-12	521.157.30G-12
14	12	53	110	4	521.157.30-14	521.157.30G-14
16	16	63	123	4	521.157.30-16	521.157.30G-16
18	16	63	123	4	521.157.30-18	521.157.30G-18
20	20	75	141	4	521.157.30-20	521.157.30G-20
22	20	75	141	4	521.157.30-22	521.157.30G-22
25	25	90	166	5	521.157.30-25	521.157.30G-25
28	25	90	166	5	521.157.30-28	521.157.30G-28
32	32	106	186	5	521.157.30-32	521.157.30G-32

Livable avec revêtement TiCN jusqu'à épuisement du stock

FRAISES

Fraises

Fräser

End mills

Frese

5

2

1

1

5

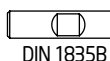
7

8

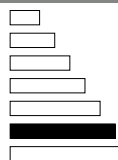
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HSS Co8

Fraises
Fräser
End mills
Frese



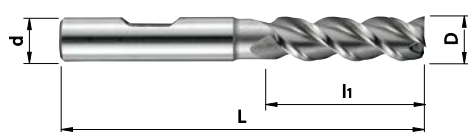
Z2 - 3



$\lambda 45^\circ$
 $\gamma \sim 20^\circ$



521.157.80



OPTI
hss



Type W
ISO 1641/I

D	d _{h6}	l ₁	L	Z	Non revêtu
6	6	24	68	2	521.157.80-06
8	8	38	82	2	521.157.80-08
10	10	45	95	2	521.157.80-10
12	12	53	110	3	521.157.80-12
14	12	53	110	3	521.157.80-14
16	16	63	123	3	521.157.80-16
18	16	63	123	3	521.157.80-18
20	20	75	141	3	521.157.80-20
25	25	90	166	3	521.157.80-25
32	32	106	186	3	521.157.80-32

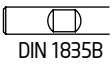
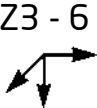
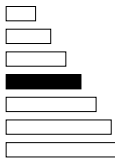
FRAISES

Fraises Ebauches

Schruppfräser

Roughing Cutters

Frese a Sgrossare

5	2	1	1	5	5	3	72	G	521.155.372G
HSS Co8	Fraises Fräser End mills Frese			Z3 - 6 		$\lambda 30^\circ$ $\gamma \sim 10^\circ$		AlCrON	



OPT
hss



Type HR
ISO 1641/I

D	d _{h6}	l ₁	L	Z	Revêtu AlCrON
4 *	6	11	55	3	521.155.372G-04
5 *	6	13	57	3	521.155.372G-05
6 *	6	13	57	3	521.155.372G-06
7 *	10	16	66	3	521.155.372G-07
8	10	19	69	3	521.155.372G-08
9 *	10	19	69	3	521.155.372G-09
10	10	22	72	4	521.155.372G-10
11 *	12	22	79	4	521.155.372G-11
12	12	26	83	4	521.155.372G-12
13 *	12	26	83	4	521.155.372G-13
14	12	26	83	4	521.155.372G-14
15 *	12	26	83	4	521.155.372G-15
16	16	32	92	4	521.155.372G-16
18	16	32	92	4	521.155.372G-18
20	20	38	104	4	521.155.372G-20
22 *	20	38	104	5	521.155.372G-22
25	25	45	121	5	521.155.372G-25
30 *	25	45	121	6	521.155.372G-30
40 *	32	63	143	6	521.155.372G-40

* Dimensions livrables jusqu'à épuisement du stock

Livable avec revêtement TiCN jusqu'à épuisement du stock

FRAISES

Fraises Ebauches

Schruppfräser

Roughing Cutters

Frese a Sgrossare

5

2

1

1

5

7

3

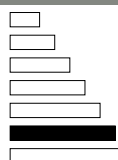
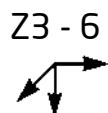
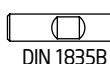
72

G

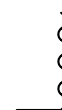
521.157.372G

HSS Co8

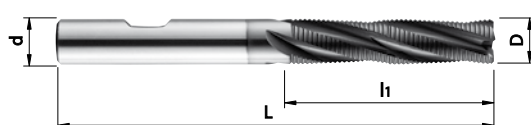
Fraises
Fräser
End mills
Frese



$\lambda 30^\circ$
 $\gamma \sim 10^\circ$



AlCrON



Type HR
ISO 1641/I

D	d _{h6}	l ₁	L	Z	Revêtu AlCrON
6 *	6	24	68	3	521.157.372G-06
8	10	38	88	3	521.157.372G-08
10	10	45	95	4	521.157.372G-10
12	12	53	110	4	521.157.372G-12
14	12	53	110	4	521.157.372G-14
16	16	63	123	4	521.157.372G-16
18	16	63	123	4	521.157.372G-18
20	20	75	141	4	521.157.372G-20
22 *	20	75	141	5	521.157.372G-22
25	25	90	166	5	521.157.372G-25
30 *	25	90	166	6	521.157.372G-30

* Dimensions livrables jusqu'à épuisement du stock

Livable avec revêtement TiCN jusqu'à épuisement du stock

FRAISES

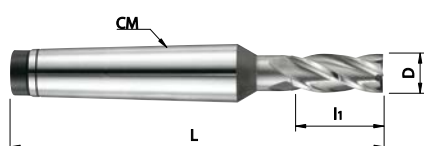
Fraises

Fräser

End mills

Frese

5	2	4	1	6	5	3	0	B	524.165.30	524.165.30B
HSS Co8	Fraises Fräser End mills Frese	DIN 228A		Z4 - 6		$\lambda 30^\circ$ $\gamma \sim 10^\circ$		TiCN		



OPT
hss



Type N
ISO 1641/II

D	CM	l_1	L	Z	Non revêtu	Revêtu TiCN
12	2	26	111	4	524.165.30-12	524.165.30B-12
14	2	26	111	4	524.165.30-14	524.165.30B-14
16	2	32	117	4	524.165.30-16	524.165.30B-16
18	2	32	117	4	524.165.30-18	524.165.30B-18
20	2	38	123	4	524.165.30-20	524.165.30B-20
22	2	38	123	4	524.165.30-22	524.165.30B-22
25	3	45	147	5	524.165.30-25	524.165.30B-25
28	3	45	147	5	524.165.30-28	524.165.30B-28
30	3	45	147	5	524.165.30-30	524.165.30B-30
32	3	53	155	5	524.165.30-32	524.165.30B-32
36	4	53	178	5	524.165.30-36	524.165.30B-36
40	4	63	188	6	524.165.30-40	524.165.30B-40
45	4	63	188	6	524.165.30-45	524.165.30B-45
50	4	75	200	6	524.165.30-50	524.165.30B-50

Gamme livrable jusqu'à épuisement du stock
avec remise supplémentaire exceptionnelle de 25%

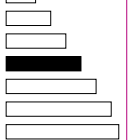
FRAISES

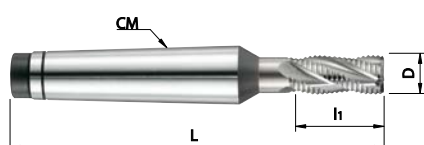
Fraises Ebauches

Schruppfräser

Roughing Cutters

Frese a Sgrossare

5	2	4	1	6	5	3	72	B	524.165.372B
HSS Co8	Fraises Fräser End mills Frese	DIN 228A		Z4 - 6		$\lambda 30^\circ$ $\gamma \sim 10^\circ$		TiCN	



OPT
hss



Type HR
ISO 1641/II

D	CM	l_1	L	Z	Revêtu TiCN
12	2	26	111	4	524.165.372B-12
14	2	26	111	4	524.165.372B-14
16	2	32	117	4	524.165.372B-16
18	2	32	117	4	524.165.372B-18
20	2	38	123	4	524.165.372B-20
22	3	38	140	4	524.165.372B-22
25	3	45	147	4	524.165.372B-25
28	3	45	147	5	524.165.372B-28
30	3	45	147	5	524.165.372B-30
32	3	53	155	5	524.165.372B-32-3
32	4	53	178	5	524.165.372B-32-4
36	4	53	178	5	524.165.372B-36
40	4	63	188	6	524.165.372B-40
45	4	63	188	6	524.165.372B-45
50	4	75	200	6	524.165.372B-50

Gamme livrable jusqu'à épuisement du stock
avec remise supplémentaire exceptionnelle de 25%

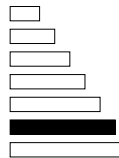
FRAISES

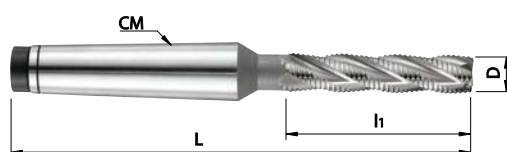
Fraises Ebauches

Schruppfräser

Roughing Cutters

Frese a Sgrossare

5	2	4	1	6	7	3	72	B	524.167.372B
HSS Co8	Fraises Fräser End mills Frese			Z4 - 6 		$\lambda 30^\circ$ $\gamma \sim 10^\circ$		TiCN	



OPT
hss



Type HR
ISO 1641/II

D	CM	l_1	L	Z	Revêtu TiCN
12	2	53	138	4	524.167.372B-12
14	2	53	138	4	524.167.372B-14
16	2	63	148	4	524.167.372B-16
18	2	63	148	4	524.167.372B-18
20	2	75	160	4	524.167.372B-20
22	3	75	177	4	524.167.372B-22
25	3	90	192	5	524.167.372B-25
28	3	90	192	5	524.167.372B-28
30	3	90	192	5	524.167.372B-30
32	4	106	231	5	524.167.372B-32
36	4	106	231	5	524.167.372B-36
40	4	125	250	6	524.167.372B-40
45	4	125	250	6	524.167.372B-45
50	4	150	275	6	524.167.372B-50

Gamme livrable jusqu'à épuisement du stock
avec remise supplémentaire exceptionnelle de 25%

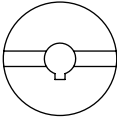
FRAISES

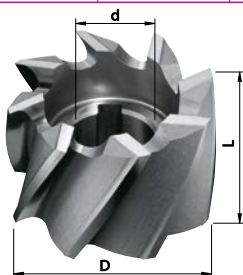
Fraises en bout

Walzenstirnfräser

Shell End mills

Frese Frontali

5	2	7	1	5	1	3	0	B	527.151.30	527.151.30B
HSS Co8	Fraises Fräser End mills Frese			Z6 - 12 		$\lambda 30^\circ$ $\gamma \sim 15^\circ$		TiCN		



OPTI
hss

Type N
DIN 1880

D_{js16}	D_{H7}	L	Z	Non revêtu	Revêtu TiCN
40	16	32	6	527.151.30-040	527.151.30B-040
50	22	36	8	527.151.30-050	527.151.30B-050
63	27	40	8	527.151.30-063	527.151.30B-063
80	27	45	10	527.151.30-080	527.151.30B-080
100	32	50	12	527.151.30-100	527.151.30B-100

FRAISES

Fraises en bout

Walzenstirnfräser

Shell End mills

Frese Frontali

5

2

7

1

5

1

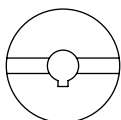
3

72

B

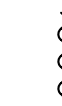
HSS Co8

Fraises
Fräser
End mills
Frese



Z8 - 12

$\lambda 30^\circ$
 $\gamma \sim 10^\circ$



TiCN

527.151.372

527.151.372B



OPTI
hss

Type HR
DIN 1880

D	d _{H7}	L	Z	Non revêtu	Revêtu TiCN
40	16	32	8	527.151.372-040	527.151.372B-040
50	22	36	8	527.151.372-050	527.151.372B-050
63	27	40	10	527.151.372-063	527.151.372B-063
80	27	45	10	527.151.372-080	527.151.372B-080
100	32	50	12	527.151.372-100	527.151.372B-100

MICRO forets

Micro forets

Mikro-Bohrer

Micro drills

Micro punte

5	4	0	0	2	1	1	0
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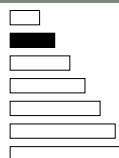
HSS Co5

MICRO forets
MIKRO Bohrer
MICRO drills
MICRO punte



D
<
d

Z2
↓



λ 24°
118°



540.021.10



OPT
hss



Type N
DIN 1899

D _{h6}	d	l ₁	L	Non revêtu
0.1 - 0.12	1	0.7	25	540.021.10-...
0.13 - 0.15	1	1	25	540.021.10-...
0.16 - 0.19	1	1.4	25	540.021.10-...
0.2 - 0.24	1	1.8	25	540.021.10-...
0.25 - 0.3	1	2.2	25	540.021.10-...
0.31 - 0.39	1	2.8	25	540.021.10-...
0.4 - 0.45	1	3.2	25	540.021.10-...
0.46 - 0.5	1	3.6	25	540.021.10-...
0.51 - 0.55	1.5	4	25	540.021.10-...
0.56 - 0.6	1.5	4.5	25	540.021.10-...
0.61 - 0.67	1.5	4.7	25	540.021.10-...
0.68 - 0.75	1.5	5.2	25	540.021.10-...
0.76 - 0.85	1.5	5.5	25	540.021.10-...
0.86 - 0.95	1.5	6	25	540.021.10-...
0.96 - 1.05	1.5	6.5	25	540.021.10-...
1.06 - 1.15	1.5	7	25	540.021.10-...
1.16 - 1.3	1.5	7.5	25	540.021.10-...
1.31 - 1.49	1.5	8.5	25	540.021.10-...
1.5	2	10	35	540.021.10-01.5

Conditionnement par 10 pièces.

- Commande par 1 ou 2 pièces, majoration du prix de 30%,
- Commande par 3 ou 4 pièces, majoration du prix de 15%.

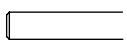
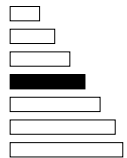
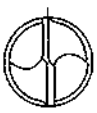
FORETS

Forets

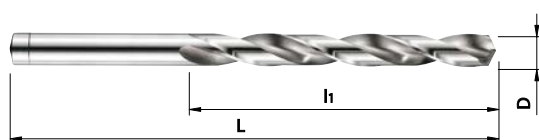
Bohrer

Drills

Punte

5	4	0	2	2	4	6	5	
HSS Co5	Forets Bohrer Drills Punte		D = d	Z2 ↓		λ 24° 130°		

540.224.65



Type N
DIN 338

D _{h8}	l ₁	L	Non revêtu	D _{h8}	l ₁	L	Non revêtu
0.4	5	20	540.224.65-00.4	2.6	30	57	540.224.65-02.6
0.45	5	20	540.224.65-00.45	2.7	33	61	540.224.65-02.7
0.5	6	22	540.224.65-00.5	2.8	33	61	540.224.65-02.8
0.55	7	24	540.224.65-00.55	2.9	33	61	540.224.65-02.9
0.6	7	24	540.224.65-00.6	3	33	61	540.224.65-03
0.65	8	26	540.224.65-00.65	3.1	36	65	540.224.65-03.1
0.7	9	28	540.224.65-00.7	3.2	36	65	540.224.65-03.2
0.75	9	28	540.224.65-00.75	3.3	36	65	540.224.65-03.3
0.8	10	30	540.224.65-00.8	3.4	39	70	540.224.65-03.4
0.85	10	30	540.224.65-00.85	3.5	39	70	540.224.65-03.5
0.9	11	32	540.224.65-00.9	3.6	39	70	540.224.65-03.6
0.95	11	32	540.224.65-00.95	3.7	39	70	540.224.65-03.7
1	12	34	540.224.65-01	3.8	43	75	540.224.65-03.8
1.1	14	36	540.224.65-01.1	3.9	43	75	540.224.65-03.9
1.2	16	38	540.224.65-01.2	4	43	75	540.224.65-04
1.3	16	38	540.224.65-01.3	4.1	43	75	540.224.65-04.1
1.4	18	40	540.224.65-01.4	4.2	43	75	540.224.65-04.2
1.5	18	40	540.224.65-01.5	4.3	47	80	540.224.65-04.3
1.6	20	43	540.224.65-01.6	4.4	47	80	540.224.65-04.4
1.7	20	43	540.224.65-01.7	4.5	47	80	540.224.65-04.5
1.8	22	46	540.224.65-01.8	4.6	47	80	540.224.65-04.6
1.9	22	46	540.224.65-01.9	4.7	47	80	540.224.65-04.7
2	24	49	540.224.65-02	4.8	52	86	540.224.65-04.8
2.1	24	49	540.224.65-02.1	4.9	52	86	540.224.65-04.9
2.2	27	53	540.224.65-02.2	5	52	86	540.224.65-05
2.3	27	53	540.224.65-02.3	5.1	52	86	540.224.65-05.1
2.4	30	57	540.224.65-02.4	5.2	52	86	540.224.65-05.2
2.5	30	57	540.224.65-02.5	5.3	52	86	540.224.65-05.3

Pour foret jusqu'à Ø 4 conditionnement par 10 pièces.

- Commande par 1 ou 2 pièces, majoration du prix de 30%,
- Commande par 3 ou 4 pièces, majoration du prix de 15%.



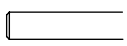
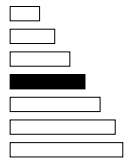
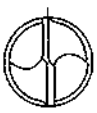
FORETS

Forets

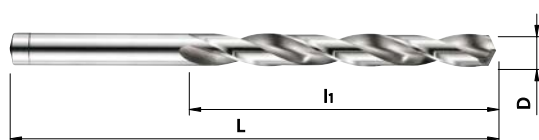
Bohrer

Drills

Punte

5	4	0	2	2	4	6	5	
HSS Co8	Forets Bohrer Drills Punte		D = d	Z2 ↓		λ 24° 130°		

540.224.65



Type N
DIN 338

D _{h8}	l ₁	L	Non revêtu	D _{h8}	l ₁	L	Non revêtu
5.4	57	93	540.224.65-05.4	8.4	75	117	540.224.65-08.4
5.5	57	93	540.224.65-05.5	8.5	75	117	540.224.65-08.5
5.6	57	93	540.224.65-05.6	8.6	81	125	540.224.65-08.6
5.7	57	93	540.224.65-05.7	8.7	81	125	540.224.65-08.7
5.8	57	93	540.224.65-05.8	8.8	81	125	540.224.65-08.8
5.9	57	93	540.224.65-05.9	8.9	81	125	540.224.65-08.9
6	57	93	540.224.65-06	9	81	125	540.224.65-09
6.1	63	101	540.224.65-06.1	9.1	81	125	540.224.65-09.1
6.2	63	101	540.224.65-06.2	9.2	81	125	540.224.65-09.2
6.3	63	101	540.224.65-06.3	9.3	81	125	540.224.65-09.3
6.4	63	101	540.224.65-06.4	9.4	81	125	540.224.65-09.4
6.5	63	101	540.224.65-06.5	9.5	81	125	540.224.65-09.5
6.6	63	101	540.224.65-06.6	9.6	87	133	540.224.65-09.6
6.7	63	101	540.224.65-06.7	9.7	87	133	540.224.65-09.7
6.8	69	109	540.224.65-06.8	9.8	87	133	540.224.65-09.8
6.9	69	109	540.224.65-06.9	9.9	87	133	540.224.65-09.9
7	69	109	540.224.65-07	10	87	133	540.224.65-10
7.1	69	109	540.224.65-07.1	10.2	87	133	540.224.65-10.2
7.2	69	109	540.224.65-07.2	10.5	87	133	540.224.65-10.5
7.3	69	109	540.224.65-07.3	11	94	142	540.224.65-11
7.4	69	109	540.224.65-07.4	11.5	94	142	540.224.65-11.5
7.5	69	109	540.224.65-07.5	12	101	151	540.224.65-12
7.6	75	117	540.224.65-07.6	12.5	101	151	540.224.65-12.5
7.7	75	117	540.224.65-07.7	13	101	151	540.224.65-13
7.8	75	117	540.224.65-07.8	13.5	108	160	540.224.65-13.5
7.9	75	117	540.224.65-07.9	14	108	160	540.224.65-14
8	75	117	540.224.65-08	14.5	114	169	540.224.65-14.5
8.1	75	117	540.224.65-08.1	15	114	169	540.224.65-15
8.2	75	117	540.224.65-08.2	16	120	178	540.224.65-16
8.3	75	117	540.224.65-08.3				



FORETS

Forets à pointer NC

NC-Anbohrer

NC spot drills

Punte centratrici CN

5

4

0

7

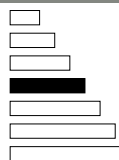
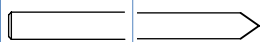
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5

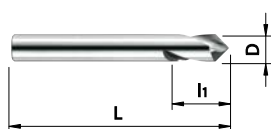
540.765

HSS Co5

Forets
Bohrer
Drills
Punte



90°
120°



OPTI
hss



Type NC
Norme OPTI

Angle	D _{h6}	l ₁	L	Non revêtu	Non revêtu
90°	2	8	49	540.765-090-02	
	3	10	50	540.765-090-03	
	4	12	52	540.765-090-04	
	5	15	60	540.765-090-05	
	6	20	66	540.765-090-06	
	8	25	79	540.765-090-08	
	10	25	89	540.765-090-10	
	12	30	102	540.765-090-12	
	16	35	115	540.765-090-16	
	20	40	131	540.765-090-20	
120°	2	8	49		540.765-120-02
	3	10	50		540.765-120-03
	4	12	52		540.765-120-04
	5	15	60		540.765-120-05
	6	20	66		540.765-120-06
	8	25	79		540.765-120-08
	10	25	89		540.765-120-10
	12	30	102		540.765-120-12

FORETS

Forets à centrer

Zentrierbohrer

Center drills

Punte a centrare

5

4

0

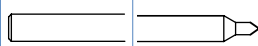
8

5

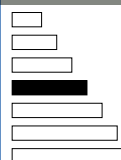
5

HSS Co5

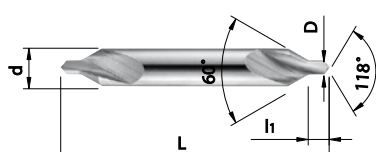
Forets
Bohrer
Drills
Punte



60°
Forme A



540.855



OPT
hss



DIN 333A

D_{h7}	d_{k12}	l_1	L	Non revêtu
0.5	3.15	0.6	25	540.855-0.5-3.15
0.8	3.15	1	25	540.855-0.8-3.15
1	3.15	1.3	31	540.855-1-3.15
1	4	1.3	35	540.855-1-4
1.25	3.15	1.6	31	540.855-1.25-3.15
1.5	5	2	40	540.855-1.5-5
1.6	4	2	35	540.855-1.6-4
2	5	2.5	40	540.855-2-5
2	6	2.5	45	540.855-2-6
2.5	8	3.1	50	540.855-2.5-8
3	8	3.9	50	540.855-3-8
3	10	3.9	55	540.855-3-10
3.15	8	3.9	50	540.855-3.15-8
4	10	5	55	540.855-4-10
5	12	6.3	63	540.855-5-12
6	18	8	77	540.855-6-18

FORETS

Forets à centrer

Zentrierbohrer

Center drills

Punte a centrare

5

4

0

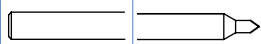
8

5

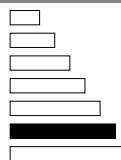
7

HSS Co5

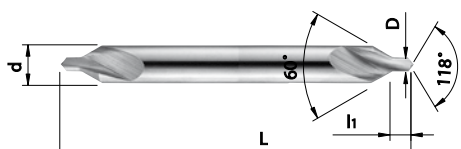
Forets
Bohrer
Drills
Punte



60°
Forme A



540.857



OPTI
hss



Norme OPTI

D_{h7}	d_{k12}	l_1	L	Non revêtu
1	4	1.3	60	540.857-1-4-60
1	4	1.3	100	540.857-1-4-100
1.5	5	2	60	540.857-1.5-5-60
1.5	5	2	100	540.857-1.5-5-100
2	6	2.5	80	540.857-2-6-80
2	6	2.5	120	540.857-2-6-120
3	8	3.9	80	540.857-3-8-80
3	8	3.9	120	540.857-3-8-120

Gamme livrable jusqu'à épuisement du stock

ALESOIRS

Alésoirs machine

Maschinen-Reibahlen

Machine reamers

Alesatori macchina

5

5

0

1

5

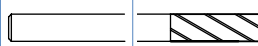
4

1

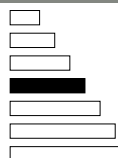
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HSS Co5

Alésoirs
Reibahlen
Reamers
Alesatori

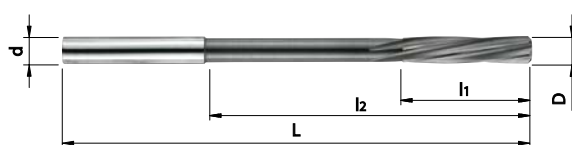


Z 4 - 8
↓



$\lambda -15^\circ$
 $\gamma \sim 5^\circ$

550.154.10



OPT
hss

DIN 212B

D_{H7}	d	l_1	L	Z	Non revêtu
2	2	11	49	4	550.154.10-02.00H7
3	3	15	61	4	550.154.10-03.00H7
4	4	19	75	6	550.154.10-04.00H7
5	5	23	86	6	550.154.10-05.00H7
6	6	26	93	6	550.154.10-06.00H7
8	8	33	117	6	550.154.10-08.00H7
10	10	38	133	6	550.154.10-10.00H7
12	12	44	151	6	550.154.10-12.00H7
14	12	47	160	8	550.154.10-14.00H7
16	12	52	170	8	550.154.10-16.00H7
18	14	56	182	8	550.154.10-18.00H7
20	16	60	195	8	550.154.10-20.00H7