



Finition fraisage combiné / Multi-purpose milling & finishing /
Umfangsbearbeitung / Fresas de acabado

Queue Cylindrique / Parallel shank / Zylinderschaft / Mango cilindrico

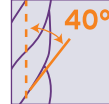
8 **03019** 1

HSS
E8



DiN
844
B/K

z =
3-6



Applications
Anwendungen
Aplicaciones

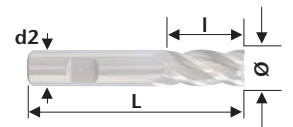


HIGH CUT 03622 p. 58

IND CUT 03659 p. 59



Vf, Vc, Fz
p. 133



Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
2	6	51	7	3	9	10	69	19	4	22	20	104	38	4
2,5	6	52	8	3	10	10	72	22	4	24	25	121	45	4
3	6	52	8	3	11	12	79	22	4	25	25	121	45	6
3,5	6	54	10	3	12	12	83	26	4	26	25	121	45	6
4	6	55	11	4	13	12	83	26	4	28	25	121	45	6
4,5	6	55	11	4	14	12	83	26	4	30	25	121	45	6
5	6	57	13	4	15	12	83	26	4	32	32	133	53	6
6	6	57	13	4	16	16	92	32	4	36	32	133	53	6
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8	10	69	19	4	20	20	104	38	4					

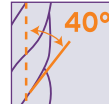
8 **03622** 1

HSS
E8



DiN
844
B/K

z =
3-6



HIGH
CUT

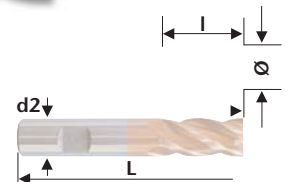
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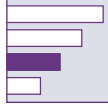
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3	6	52	8	3	12	12	83	26	4	25	25	121	45	6
4	6	55	11	4	14	12	83	26	4	30	25	121	45	6
5	6	57	13	4	16	16	92	32	4	32	32	133	53	6
6	6	57	13	4	18	16	92	32	4					
8	10	69	19	4	20	20	104	38	4					

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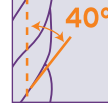
8 03659 1

HSS
E8



DiN
844
B/K

z =
3-6

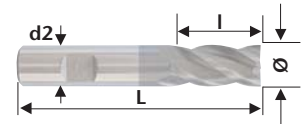


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CUT

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Vf, Vc, Fz
p. 133



Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
2	6	51	7	3	10	10	72	22	4	22	20	104	38	4
3	6	52	8	3	12	12	83	26	4	25	25	121	45	6
4	6	55	11	4	14	12	83	26	4	30	25	121	45	6
5	6	57	13	4	16	16	92	32	4	32	32	133	53	6
6	6	57	13	4	18	16	92	32	4					
8	10	69	19	4	20	20	104	38	4					

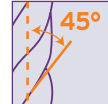
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HSS
E8

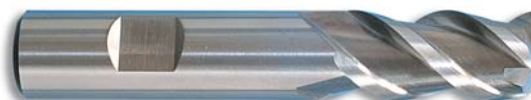


DiN
844
B/K

z =
2-3

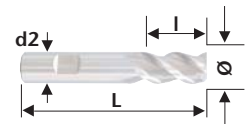


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AL CUT 03660 p. 60

Vf, Vc, Fz
p. 133



Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
3	6	52	8	2	10	10	72	22	3	20	20	104	38	3
4	6	55	11	2	12	12	83	26	3	25	25	121	45	3
5	6	57	13	2	14	12	83	26	3	30	25	121	45	3
6	6	57	13	2	16	16	92	32	3	32	32	133	53	3
8	10	69	19	3	18	16	92	32	3					

OUTILS SPÉCIAUX - SPECIAL TOOLS
Autre dimension / Revêtement / Application ?
Other dimension / Coating / Application ?
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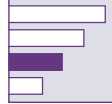


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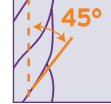
8 **03660** 1

HSS
E8



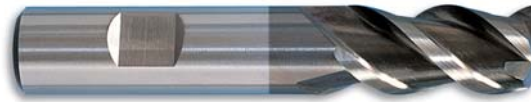
DiN
844
B/K

z =
2-3

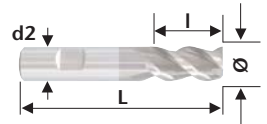


AL
CUT

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Vf, Vc, Fz
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Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
3	6	52	8	2	10	10	72	22	3	20	20	104	38	3
4	6	55	11	2	12	12	83	26	3	25	25	121	45	3
5	6	57	13	2	14	12	83	26	3	30	25	121	45	3
6	6	57	13	2	16	16	92	32	3	32	32	133	53	3
8	10	69	19	3	18	16	92	32	3					

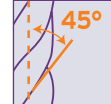
8 **03081** 1

HSS
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DiN
844
B/K

z =
3-6



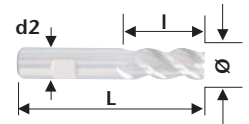
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HIGH CUT 03624 p. 61



Vf, Vc, Fz
p. 133



Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
3	6	52	8	3	10	10	72	22	4	20	20	104	38	4
4	6	55	11	3	12	12	83	26	4	22	20	104	38	4
5	6	57	13	3	14	12	83	26	4	25	25	121	45	6
6	6	57	13	4	16	16	92	32	4	30	25	121	45	6
8	10	69	19	4	18	16	92	32	4	32	32	133	53	6



OUTILS SPÉCIAUX - SPECIAL TOOLS

Autre dimension / Revêtement / Application ?
Other dimension / Coating / Application ?

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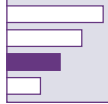


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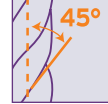
8 **03624** 1

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z =
3-6

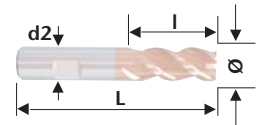


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Vf, Vc, Fz
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Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
3	6	52	8	3	10	10	72	22	4	20	20	104	38	4
4	6	55	11	3	12	12	83	26	4	22	20	104	38	4
5	6	57	13	3	14	12	83	26	4	25	25	121	45	6
6	6	57	13	4	16	16	92	32	4	30	25	121	45	6
8	10	69	19	4	18	16	92	32	4	32	32	133	53	6

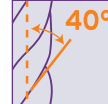
8 **03023** 1

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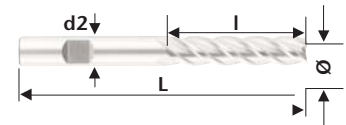
z =
4-6



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Vf, Vc, Fz
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Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
4	6	63	19	4	14	12	110	53	4	28	25	166	90	6
5	6	68	24	4	16	16	123	63	4	30	25	166	90	6
6	6	68	24	4	18	16	123	63	4	32	32	186	106	6
8	10	88	38	4	20	20	141	75	4	36	32	186	106	6
10	10	95	45	4	22	20	141	75	4	40	40	217	125	6
12	12	110	53	4	25	25	166	90	6					

OUTILS SPÉCIAUX - SPECIAL TOOLS
Autre dimension / Revêtement / Application ?
Other dimension / Coating / Application ?
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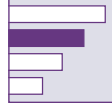


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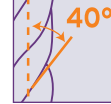
8 **03623** 1

HSS
E8



DiN
844
B/L

z =
4-6

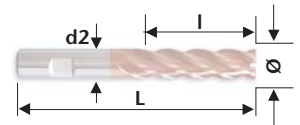


HIGH
CUT

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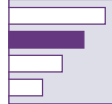
Vf, Vc, Fz
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Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
4	6	63	19	4	12	12	110	53	4	22	20	141	75	4
5	6	68	24	4	14	12	110	53	4	25	25	166	90	6
6	6	68	24	4	16	16	123	63	4	30	25	166	90	6
8	10	88	38	4	18	16	123	63	4	32	32	186	106	6
10	10	95	45	4	20	20	141	75	4					

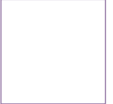
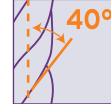
8 **03014** 1

HSS
E8



DiN
844
B/L

z = 2



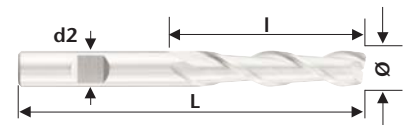
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Vf, Vc, Fz
p. 133



Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
4	6	63	19	2	10	10	95	45	2	18	16	123	63	2
5	6	68	24	2	12	12	110	53	2	20	20	141	75	2
6	6	68	24	2	14	12	110	53	2					
8	10	88	38	2	16	16	123	63	2					

? OUTILS SPÉCIAUX - SPECIAL TOOLS
Autre dimension / Revêtement / Application ?
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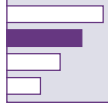


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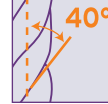
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HSS
E8



DiN
844
B/L

z = 2

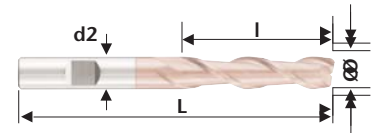


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CUT

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Vf, Vc, Fz
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Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
4	6	63	19	2	10	10	95	45	2	18	16	123	63	2
5	6	68	24	2	12	12	110	53	2	20	20	141	75	2
6	6	68	24	2	14	12	110	53	2					
8	10	88	38	2	16	16	123	63	2					

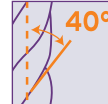
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HSS
E8



DiN
844
B/L

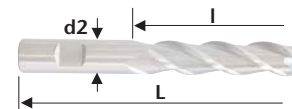
z = 3



Applications
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Vf, Vc, Fz
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Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
4	6	63	19	3	10	10	95	45	3	18	16	123	63	3
5	6	68	24	3	12	12	110	53	3	20	20	141	75	3
6	6	68	24	3	14	12	110	53	3					
8	10	88	38	3	16	16	123	63	3					

? OUTILS SPÉCIAUX - SPECIAL TOOLS
Autre dimension / Revêtement / Application ?
Other dimension / Coating / Application ?
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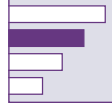


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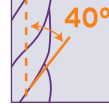
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HSS
E8



DiN
844
B/L

z = 3

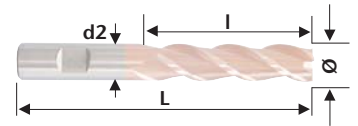


HIGH
CUT

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Vf, Vc, Fz
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Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
4	6	63	19	3	10	10	95	45	3	18	16	123	63	3
5	6	68	24	3	12	12	110	53	3	20	20	141	75	3
6	6	68	24	3	14	12	110	53	3					
8	10	88	38	3	16	16	123	63	3					

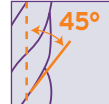
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HSS
E8



DiN
844
B/L

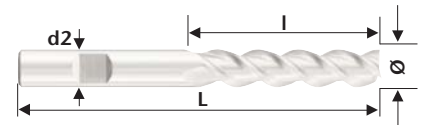
z =
2-3



Applications
Anwendungen
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Vf, Vc, Fz
p. 133



Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
4	6	63	19	2	12	12	110	53	3	25	25	166	90	3
5	6	68	24	2	14	12	110	53	3	30	25	166	90	3
6	6	68	24	2	16	16	123	63	3	32	32	186	106	3
8	10	88	38	2	18	16	123	63	3					
10	10	95	45	3	20	20	141	75	3					

? OUTILS SPÉCIAUX - SPECIAL TOOLS
Autre dimension / Revêtement / Application ?
Other dimension / Coating / Application ?
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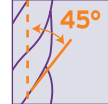
8 **03082** 1

HSS
PM



DiN
844
B/L

z =
4-6

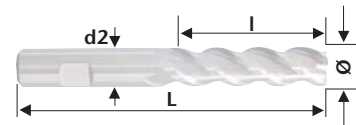


Applications
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Vf, Vc, Fz
p. 133



Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
6	6	68	24	4	14	12	110	53	4	25	25	166	90	6
8	10	88	38	4	16	16	123	63	4	30	25	166	90	6
10	10	95	45	4	18	16	123	63	4	32	32	186	106	6
12	12	110	53	4	20	20	141	75	4					

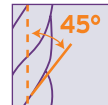
8 **03625** 1

HSS
PM



DiN
844
B/L

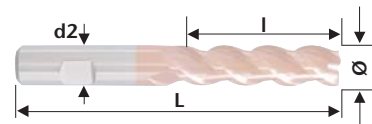
z =
4-6



Applications
Anwendungen
Aplicaciones



Vf, Vc, Fz
p. 133



Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
6	6	68	24	4	14	12	110	53	4	25	25	166	90	6
8	10	88	38	4	16	16	123	63	4	30	25	166	90	6
10	10	95	45	4	18	16	123	63	4	32	32	186	106	6
12	12	110	53	4	20	20	141	75	4					

? OUTILS SPÉCIAUX - SPECIAL TOOLS
Autre dimension / Revêtement / Application ?
Other dimension / Coating / Application ?
→ **CONSULTEZ-NOUS / CONSULT US**
Tél : +33 (0)4 79 89 59 50 - Fax : +33 (0)4 79 89 59 51



HSS HSS-E HSS-PM



Finition fraisage combiné / Multi-purpose milling & finishing /
Umfangsbearbeitung / Fresas de acabado

Queue Cylindrique / Parallel shank / Zylinderschaft / Mango cilindrico

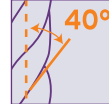
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HSS
E8



Perfor
Norm

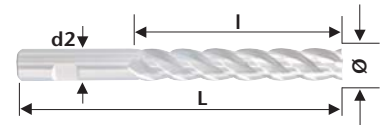
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Applications
Anwendungen
Aplicaciones



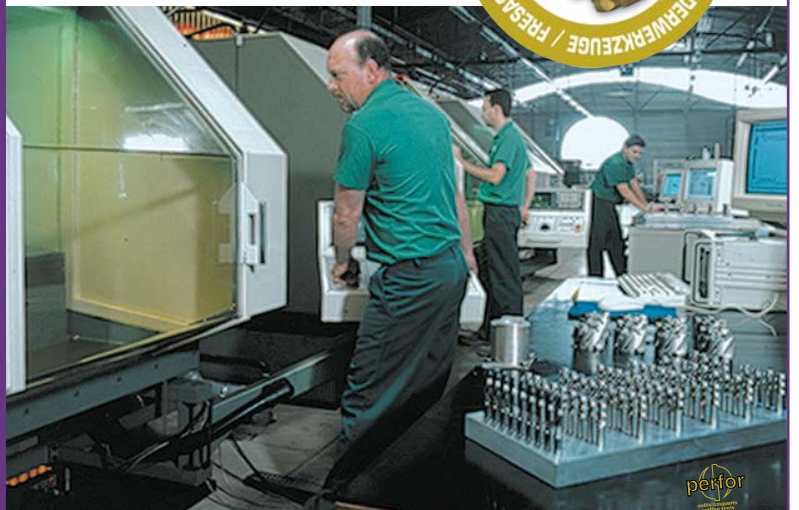
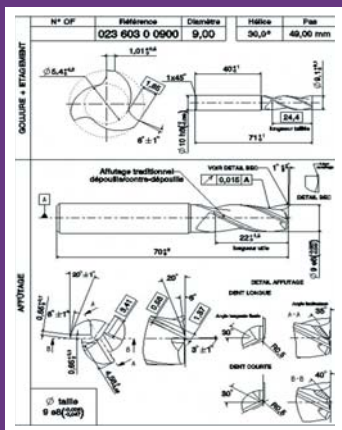
Vf, Vc, Fz
p. 133



Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z	Ø mm	d2	L	l	Z
6	6	95	50	4	12	12	130	75	4	18	16	160	100	4
8	10	110	60	4	14	12	135	80	4	20	20	175	110	4
10	10	115	65	4	16	16	155	95	4					

OUTILS SPÉCIAUX

Special tools
Sonderwerkzeuge
Fresas especiales



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