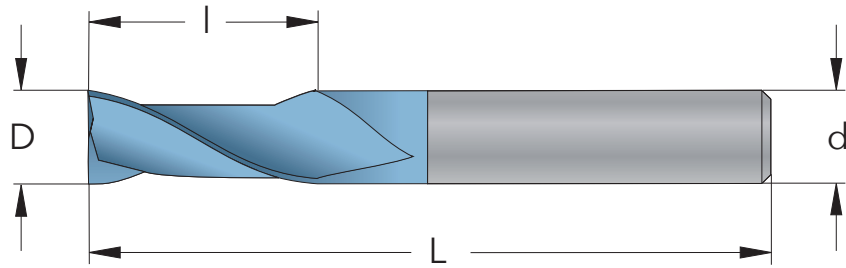
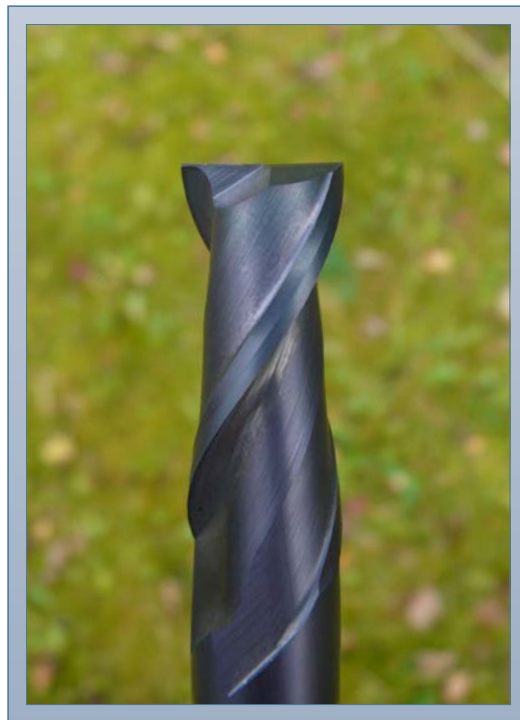


Two Flute

LC
 AlCrN coated
 Super Micrograin Carbide
Tolerance
 D 1,0 - 5,0 +0 / -0,020
 D 6,0 - 7,0 +0 / -0,025
 D 8,0 - 9,0 +0 / -0,030
 D 10,0 - 12,0 +0 / -0,035
Shank
 Cylindrical h6, DIN6535 HA
Flute
 35° right hand spiral, center cutting
Field of application
 All types of steel up to HRC55



D mm	d mm	Part Number	l mm	L mm	Cutting edges
1,0	4	M0401B3_LC	3	50	2
1,5	4	M04015B4_LC	4	50	2
2,0	4	M0402B6_LC	6	50	2
2,5	4	M04025B8_LC	8	50	2
3,0	4	M0403B8_LC	8	50	2
3,0	6	M0603B8_LC	8	57	2
4,0	4	M0404B11_LC	11	50	2
4,0	6	M0604B11_LC	11	57	2
5,0	6	M0605B13_LC	13	57	2
6,0	6	M0606B16_LC	16	57	2
8,0	8	M0808B20_LC	20	63	2
10,0	10	M1010B25_LC	25	72	2
12,0	12	M1212B30_LC	30	83	2



Three Flute

LC

AlCrN coated

Super Micrograin Carbide

Tolerance

D 1,0 - 5,0 +0 / -0,020

D 6,0 - 7,0 +0 / -0,025

D 8,0 - 9,0 +0 / -0,030

D 10,0 - 12,0 +0 / -0,035

Shank

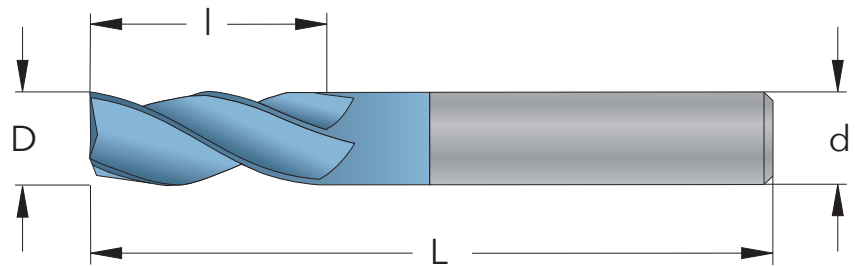
Cylindrical h6, DIN6535 HA

Flute

35° right hand spiral, center cutting

Field of application

All types of steel up to HRC55



D mm	d mm	Part Number	l mm	L mm	Cutting edges
1,0	4	M0401C3_LC	3	50	3
1,5	4	M04015C4_LC	4	50	3
2,0	4	M0402C6_LC	6	50	3
2,5	4	M04025C8_LC	8	50	3
3,0	4	M0403C8_LC	8	50	3
3,0	6	M0603C8_LC	8	57	3
4,0	4	M0404C11_LC	11	50	3
4,0	6	M0604C11_LC	11	57	3
5,0	6	M0605C13_LC	13	57	3
6,0	6	M0606C16_LC	16	57	3
8,0	8	M0808C20_LC	20	63	3
10,0	10	M1010C25_LC	25	72	3
12,0	12	M1212C30_LC	30	83	3



Four Flute

LC
AlCrN coated
Super Micrograin Carbide

Tolerance

- D 1,0 - 5,0 +0 / -0,020
- D 6,0 - 7,0 +0 / -0,025
- D 8,0 - 9,0 +0 / -0,030
- D 10,0 - 12,0 +0 / -0,035
- D 16,0 - 20,0 +0 / -0,040

Shank

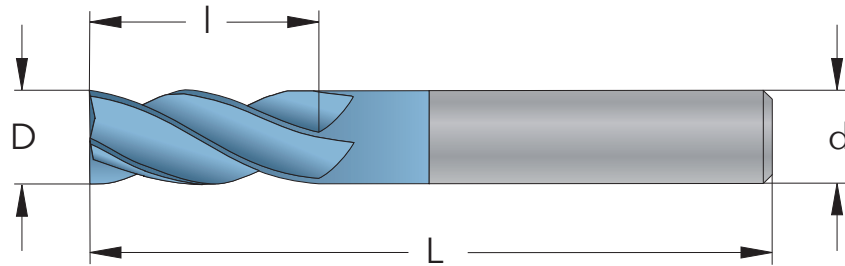
Cylindrical h6, DIN6535 HA

Flute

35° right hand spiral, center cutting

Field of application

All types of steel up to HRC55



D mm	d mm	Part Number	l mm	L mm	Cutting edges
2,0	4	M0402D6_LC	6	50	4
3,0	4	M0403D8_LC	8	50	4
3,0	6	M0603D8_LC	8	57	4
4,0	4	M0404D11_LC	11	50	4
4,0	6	M0604D11_LC	11	57	4
5,0	6	M0605D13_LC	13	57	4
6,0	6	M0606D16_LC	16	57	4
6,0	6	M0606D26_LC	26	72	4
7,0	8	M0807D18_LC	18	63	4
8,0	8	M0808D20_LC	20	63	4
8,0	8	M0808D32_LC	32	83	4
10,0	10	M1010D25_LC	25	72	4
10,0	10	M1010D40_LC	40	92	4
12,0	12	M1212D30_LC	30	83	4
12,0	12	M1212D48_LC	48	100	4
16,0	16	M1616D34_LC	34	92	4
20,0	20	M2020D40_LC	40	100	4



Two Flute, with Ball Nose

LC

AlCrN coated

Super Micrograin Carbide

Tolerance

D 1,0 - 5,0 +0 / -0,020

D 6,0 - 7,0 +0 / -0,025

D 8,0 - 9,0 +0 / -0,030

D 10,0 - 12,0 +0 / -0,035

Shank

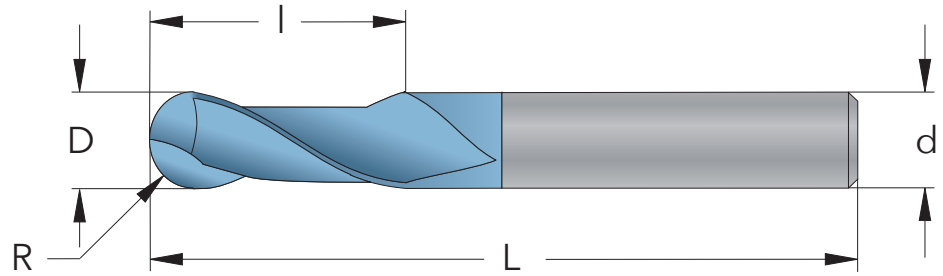
Cylindrical h6, DIN6535 HA

Flute

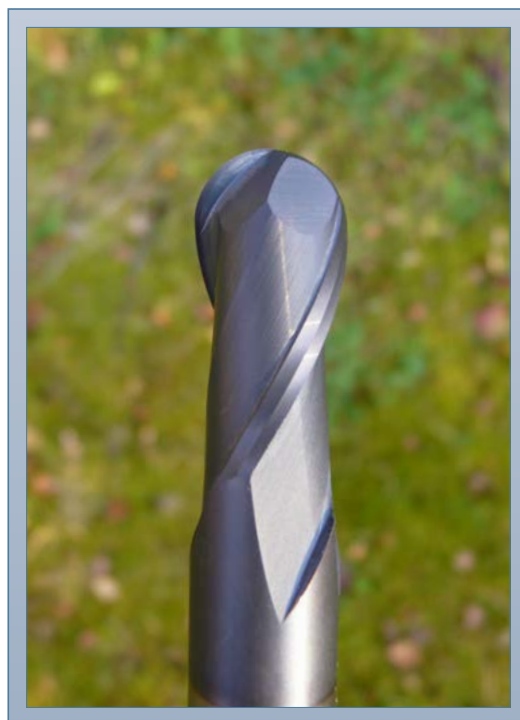
35° right hand spiral, center cutting

Field of application

All types of steel up to HRC55

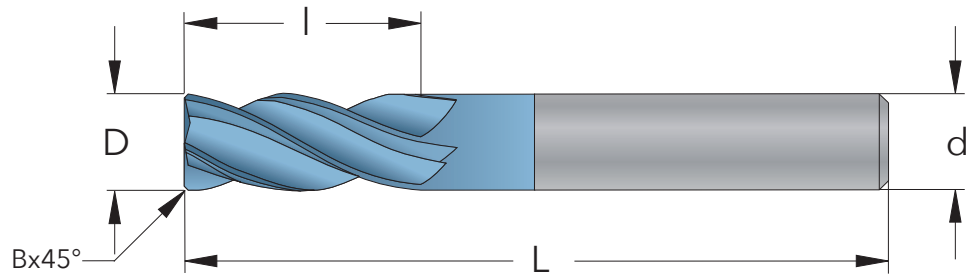


D mm	d mm	R mm	Part Number	l mm	L mm	Cutting edges
1,0	4	0,5	R0401B2_LC	2	50	2
1,5	4	0,75	R04015B3_LC	3	50	2
2,0	4	1,0	R0402B4_LC	4	50	2
2,5	4	1,25	R04025B5_LC	5	50	2
3,0	4	1,5	R0403B6_LC	6	50	2
3,0	6	1,5	R0603B6_LC	6	57	2
4,0	4	2,0	R0404B8_LC	8	50	2
4,0	6	2,0	R0604B8_LC	8	57	2
5,0	6	2,5	R0605B10_LC	10	57	2
6,0	6	3,0	R0606B12_LC	12	57	2
8,0	8	4,0	R0808B16_LC	16	63	2
10,0	10	5,0	R1010B20_LC	20	72	2
12,0	12	6,0	R1212B24_LC	24	83	2



Variable Flute 35° and 38°

LC
AlCrN coated
Super Micrograin Carbide
Tolerance
D 6,0 - 7,0 +0 / -0,025
D 8,0 - 9,0 +0 / -0,030
D 10,0 - 12,0 +0 / -0,035
Shank
Cylindrical h6, DIN6535 HA
Flute
35° and 38° right hand spiral,
center cutting
Field of application
All types of steel up to HRC55



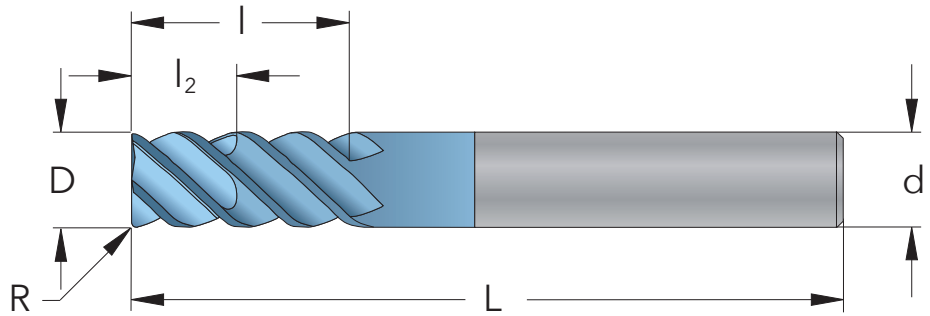
D mm	d mm	B mm	Part Number	l mm	L mm	Cutting edges
6,0	6	0,2	MZ0606D16_LC	16	57	4
8,0	8	0,25	MZ0808D20_LC	20	63	4
10,0	10	0,3	MZ1010D25_LC	25	72	4
12,0	12	0,3	MZ1212D30_LC	30	83	4



Less vibrations with
two different angles

Slot Side End Mill

LC
 AlCrN coated
 Super Micrograin Carbide
Tolerance
 D 6,0 - 7,0 +0 / -0,025
 D 8,0 - 9,0 +0 / -0,030
 D 10,0 - 12,0 +0 / -0,035
Shank
 Cylindrical h6, DIN6535 HA
Flute
 50° right hand spiral, center cutting
Field of application
 All types of steel up to HRC55



D mm	d mm	R mm	Part Number	l mm	l ₂ mm	L mm	Cutting edges
6,0	6	0,4	MV0606D16_LC	16	6	57	4
8,0	8	0,5	MV0808D20_LC	20	8	63	4
10,0	10	0,6	MV1010D25_LC	25	10	72	4
12,0	12	0,6	MV1212D30_LC	30	12	83	4

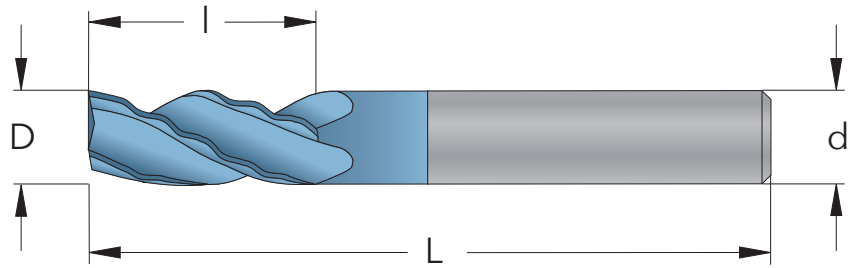


Shallow flute results in stronger tools for side milling

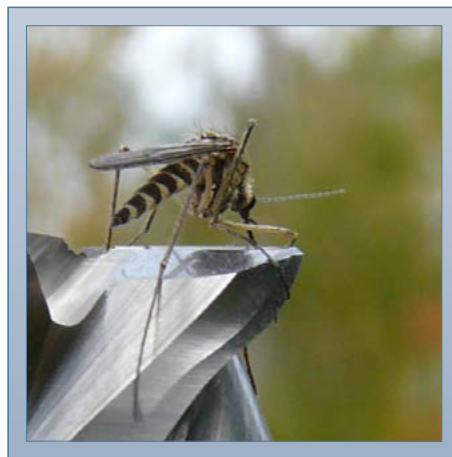
Deep flute for slot milling

Wave formed, Roughing, Three Flute

LC
AlCrN coated
Super Micrograin Carbide
Tolerance
D 6,0 - 7,0 +0 / -0,025
D 8,0 - 9,0 +0 / -0,030
D 10,0 - 12,0 +0 / -0,035
Shank
Cylindrical h6, DIN6535 HA
Flute
35° right hand spiral, center cutting
Field of application
All types of steel up to HRC55



D mm	d mm	Part Number	l mm	L mm	Cutting edges
6,0	6	FW0606C16_LC	16	57	3
8,0	8	FW0808C20_LC	20	63	3
10,0	10	FW1010C25_LC	25	72	3
12,0	12	FW1212C30_LC	30	83	3



Wave formed, Roughing, Four Flute

LC

AlCrN coated

Super Micrograin Carbide

Tolerance

D 6,0 - 7,0 +0 / -0,025

D 8,0 - 9,0 +0 / -0,030

D 10,0 - 12,0 +0 / -0,035

Shank

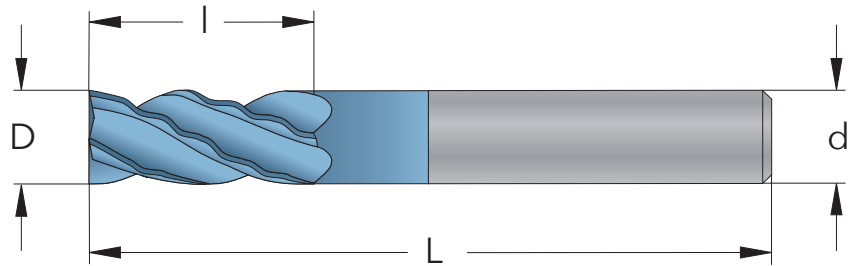
Cylindrical h6, DIN6535 HA

Flute

35° right hand spiral, center cutting

Field of application

All types of steel up to HRC55



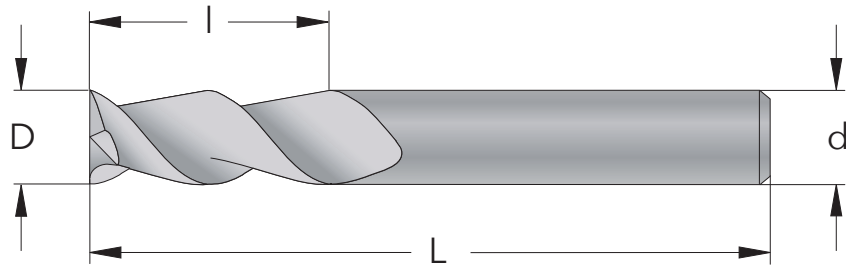
D mm	d mm	Part Number	l mm	L mm	Cutting edges
6,0	6	FW0606D16_LC	16	57	4
8,0	8	FW0808D20_LC	20	63	4
10,0	10	FW1010D25_LC	25	72	4
12,0	12	FW1212D30_LC	30	83	4



Wave formed cutting edge
gives high productivity

Two Flute, for aluminium

MG
Uncoated
Super Micrograin Carbide
Tolerance
D 1,0 - 5,0 +0 / -0,020
D 6,0 - 7,0 +0 / -0,025
D 8,0 - 9,0 +0 / -0,030
D 10,0 - 12,0 +0 / -0,035
Shank
Cylindrical h6, DIN6535 HA
Flute
45° right hand spiral, center cutting
Field of application
Aluminium



D mm	d mm	Part Number	l mm	L mm	Cutting edges
2,0	6	MA0602B6_MG	6	57	2
3,0	6	MA0603B8_MG	8	57	2
4,0	6	MA0604B11_MG	11	57	2
5,0	6	MA0605B13_MG	13	57	2
6,0	6	MA0606B16_MG	16	57	2
8,0	8	MA0808B20_MG	20	63	2
10,0	10	MA1010B25_MG	25	72	2
12,0	12	MA1212B30_MG	30	83	2



Three Flute, for aluminium

MG

Uncoated

Super Micrograin Carbide

Tolerance

D 1,0 - 5,0 +0 / -0,020

D 6,0 - 7,0 +0 / -0,025

D 8,0 - 9,0 +0 / -0,030

D 10,0 - 12,0 +0 / -0,035

Shank

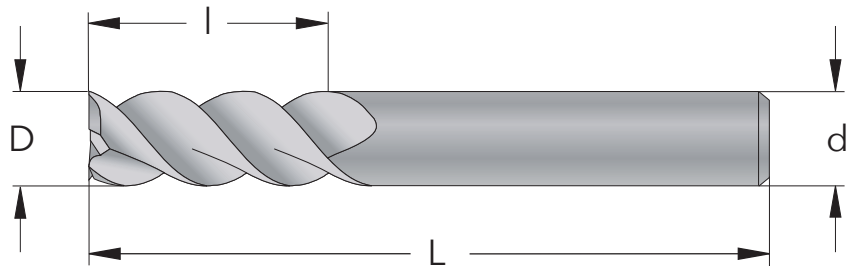
Cylindrical h6, DIN6535 HA

Flute

50° right hand spiral, center cutting

Field of application

Aluminium

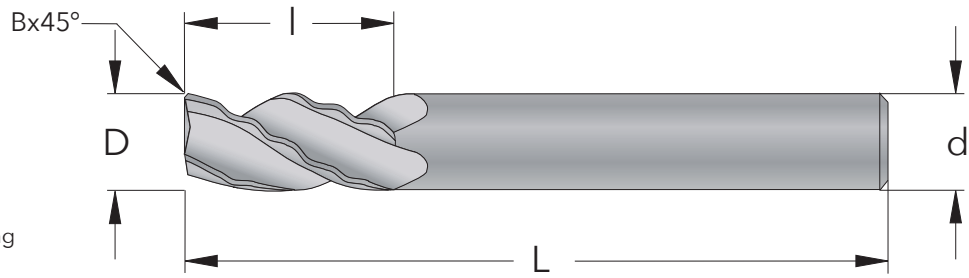


D mm	d mm	Part Number	l mm	L mm	Cutting edges
2,0	6	MA0602C6_MG	6	57	3
3,0	6	MA0603C8_MG	8	57	3
4,0	6	MA0604C11_MG	11	57	3
5,0	6	MA0605C13_MG	13	57	3
6,0	6	MA0606C16_MG	16	57	3
8,0	8	MA0808C20_MG	20	63	3
10,0	10	MA1010C25_MG	25	72	3
12,0	12	MA1212C30_MG	30	83	3



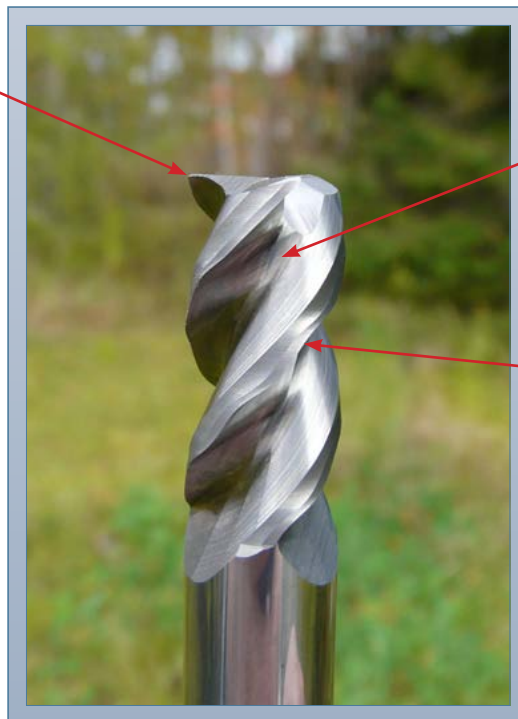
Wave formed, Roughing, for aluminium

MG
 Uncoated
 Super Micrograin Carbide
Tolerance
 D 6,0 - 7,0 +0 / -0,025
 D 8,0 - 9,0 +0 / -0,030
 D 10,0 - 12,0 +0 / -0,035
Shank
 Cylindrical h6, DIN6535 HA
Flute
 45° right hand spiral, center cutting
Field of application
 Aluminium



D mm	d mm	B mm	Part Number	l mm	L mm	Cutting edges
6,0	6	0,2	FWA0606C16_MG	16	57	3
8,0	8	0,25	FWA0808C20_MG	20	63	3
10,0	10	0,3	FWA1010C25_MG	25	72	3
12,0	12	0,3	FWA1212C30_MG	30	83	3

Small chamfer gives longer tool life



Deep flute for aluminium

Wave formed cutting edge gives high productivity

Two Flute

FC

TiAlN coated

Micrograin Carbide

Tolerance

D 1,0 - 25,0 +0 / -0,050

Shank

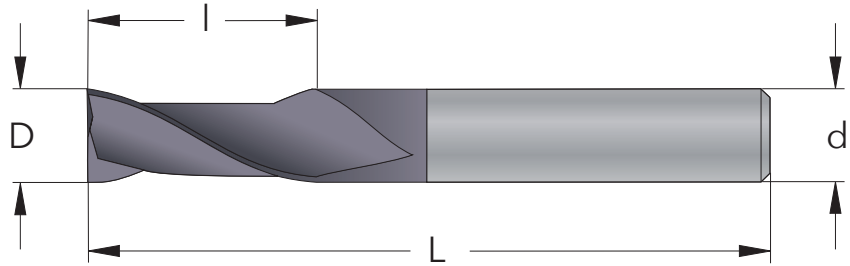
Cylindrical med h6 Tolerance

Flute

30° right hand spiral, center cutting

Field of application

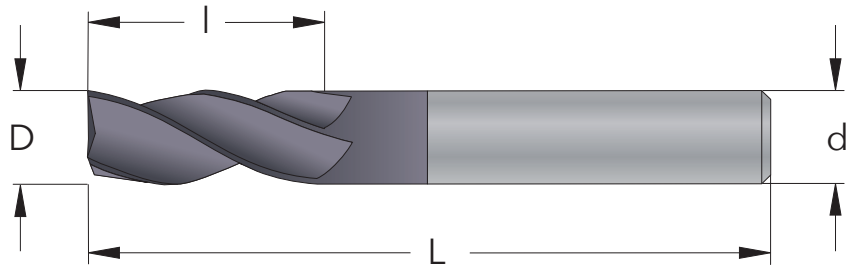
All types of steel



D mm	d mm	Part Number	l mm	L mm	Cutting edges
1,0	3	M0301B3_FC	3	38	2
1,5	3	M03015B5_FC	5	38	2
2,0	3	M0302B6_FC	6	38	2
2,5	3	M03025B7_FC	7	38	2
3,0	3	M0303B12_FC	12	38	2
3,0	3	M0303B25_FC	25	65	2
3,5	4	M04035B12_FC	12	50	2
4,0	4	M0404B14_FC	14	50	2
4,0	4	M0404B25_FC	25	65	2
4,5	5	M05045B14_FC	14	50	2
5,0	5	M0505B16_FC	16	50	2
5,0	5	M0505B25_FC	25	75	2
6,0	6	M0606B19_FC	19	63	2
6,0	6	M0606B25_FC	25	75	2
6,0	6	M0606B38_FC	38	100	2
7,0	8	M0807B19_FC	19	63	2
8,0	8	M0808B19_FC	19	63	2
8,0	8	M0808B25_FC	25	75	2
8,0	8	M0808B38_FC	38	100	2
9,0	10	M1009B22_FC	22	70	2
10,0	10	M1010B22_FC	22	70	2
10,0	10	M1010B38_FC	38	100	2
12,0	12	M1212B25_FC	25	75	2
12,0	12	M1212B50_FC	50	100	2
12,0	12	M1212B75_FC	75	150	2
14,0	14	M1414B30_FC	30	88	2
14,0	14	M1414B75_FC	75	150	2
16,0	16	M1616B32_FC	32	88	2
16,0	16	M1616B75_FC	75	150	2
18,0	18	M1818B36_FC	36	100	2
20,0	20	M2020B38_FC	38	100	2
20,0	20	M2020B75_FC	75	150	2
25,0	25	M2525B38_FC	38	100	2
25,0	25	M2525B75_FC	75	150	2

Three Flute

FC
 TiAlN coated
 Micrograin Carbide
Tolerance
 D 1,0 - 25,0 +0 / -0,050
Shank
 Cylindrical med h6 Tolerance
Flute
 30° right hand spiral, center cutting
Field of application
 All types of steel



D mm	d mm	Part Number	l mm	L mm	Cutting edges
1,0	3	M0301C3_FC	3	38	3
1,5	3	M03015C5_FC	5	38	3
2,0	3	M0302C6_FC	6	38	3
2,5	3	M03025C7_FC	7	38	3
3,0	3	M0303C12_FC	12	38	3
3,0	3	M0303C25_FC	25	65	3
3,5	4	M04035C12_FC	12	50	3
4,0	4	M0404C14_FC	14	50	3
4,0	4	M0404C25_FC	25	65	3
4,5	5	M05045C14_FC	14	50	3
5,0	5	M0505C16_FC	16	50	3
5,0	5	M0505C25_FC	25	75	3
6,0	6	M0606C19_FC	19	63	3
6,0	6	M0606C25_FC	25	75	3
7,0	8	M0807C19_FC	19	63	3
8,0	8	M0808C19_FC	19	63	3
8,0	8	M0808C25_FC	25	75	3
9,0	10	M1009C22_FC	22	70	3
10,0	10	M1010C22_FC	22	70	3
10,0	10	M1010C38_FC	38	100	3
12,0	12	M1212C25_FC	25	75	3
12,0	12	M1212C50_FC	50	100	3
14,0	14	M1414C30_FC	30	88	3
16,0	16	M1616C32_FC	32	88	3
16,0	16	M1616C75_FC	75	150	3
18,0	18	M1818C36_FC	36	100	3
20,0	20	M2020C38_FC	38	100	3
20,0	20	M2020C75_FC	75	150	3
25,0	25	M2525C38_FC	38	100	3
25,0	25	M2525C75_FC	75	150	3

Four Flute

FC

TiAlN coated

Micrograin Carbide

Tolerance

D 1,0 - 25,0 +0 / -0,050

Shank

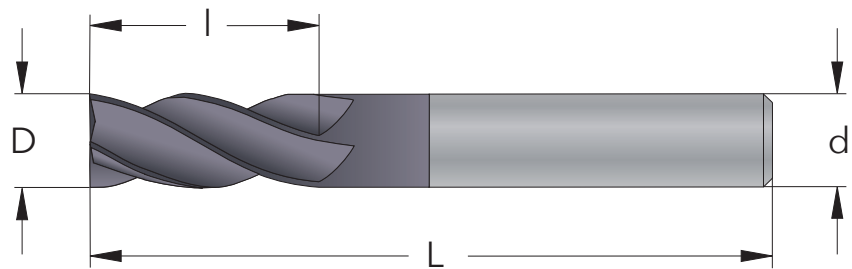
Cylindrical med h6 Tolerance

Flute

30° right hand spiral, center cutting

Field of application

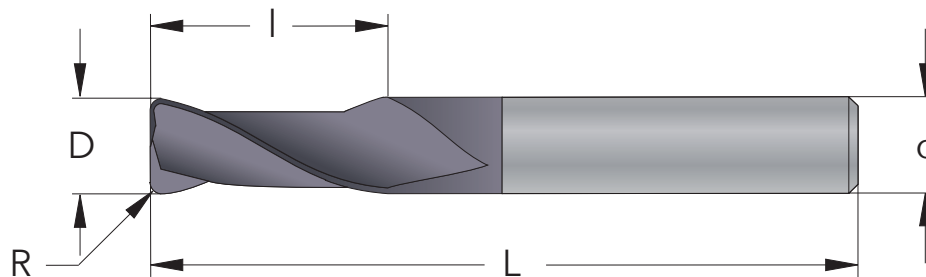
All types of steel



D mm	d mm	Part Number	l mm	L mm	Cutting edges
1,0	3	M0301D3_FC	3	38	4
1,5	3	M03015D5_FC	5	38	4
2,0	3	M0302D6_FC	6	38	4
2,5	3	M03025D7_FC	7	38	4
3,0	3	M0303D12_FC	12	38	4
3,0	3	M0303D25_FC	25	65	4
3,5	4	M04035D12_FC	12	50	4
4,0	4	M0404D14_FC	14	50	4
4,0	4	M0404D25_FC	25	65	4
4,5	5	M05045D14_FC	14	50	4
5,0	5	M0505D16_FC	16	50	4
5,0	5	M0505D25_FC	25	75	4
6,0	6	M0606D19_FC	19	63	4
6,0	6	M0606D25_FC	25	75	4
6,0	6	M0606D38_FC	38	100	4
7,0	8	M0807D19_FC	19	63	4
8,0	8	M0808D19_FC	19	63	4
8,0	8	M0808D25_FC	25	75	4
8,0	8	M0808D38_FC	38	100	4
9,0	10	M1009D22_FC	22	70	4
10,0	10	M1010D22_FC	22	70	4
10,0	10	M1010D38_FC	38	100	4
12,0	12	M1212D25_FC	25	75	4
12,0	12	M1212D50_FC	50	100	4
12,0	12	M1212D75_FC	75	150	4
14,0	14	M1414D30_FC	30	88	4
14,0	14	M1414D75_FC	75	150	4
16,0	16	M1616D32_FC	32	88	4
16,0	16	M1616D75_FC	75	150	4
18,0	18	M1818D36_FC	36	100	4
20,0	20	M2020D38_FC	38	100	4
20,0	20	M2020D75_FC	75	150	4
25,0	25	M2525D38_FC	38	100	4
25,0	25	M2525D75_FC	75	150	4

Two Flute, with Corner Radius

FC
 TiAlN coated
 Micrograin Carbide
Tolerance
 D 4,0 - 20,0 +0 / -0,050
Shank
 Cylindrical med h6 Tolerance
Flute
 30° right hand spiral, center cutting
Field of application
 All types of steel



D mm	d mm	R mm	Part Number	l mm	L mm	Cutting edges
4,0	4	0,25	M0404B14R025_FC	14	50	2
4,0	4	0,50	M0404B14R05_FC	14	50	2
4,0	4	0,75	M0404B14R075_FC	14	50	2
4,0	4	1,00	M0404B14R10_FC	14	50	2
6,0	6	0,25	M0606B19R025_FC	19	63	2
6,0	6	0,50	M0606B19R05_FC	19	63	2
6,0	6	0,75	M0606B19R075_FC	19	63	2
6,0	6	1,00	M0606B19R10_FC	19	63	2
6,0	6	1,25	M0606B19R125_FC	19	63	2
6,0	6	1,50	M0606B19R15_FC	19	63	2
8,0	8	0,50	M0808B19R05_FC	19	63	2
8,0	8	0,75	M0808B19R075_FC	19	63	2
8,0	8	1,00	M0808B19R10_FC	19	63	2
8,0	8	1,25	M0808B19R125_FC	19	63	2
8,0	8	1,50	M0808B19R15_FC	19	63	2
8,0	8	2,00	M0808B19R20_FC	19	63	2
10,0	10	0,50	M1010B22R05_FC	22	70	2
10,0	10	0,75	M1010B22R075_FC	22	70	2
10,0	10	1,00	M1010B22R10_FC	22	70	2
10,0	10	1,50	M1010B22R15_FC	22	70	2
10,0	10	2,00	M1010B22R20_FC	22	70	2
10,0	10	3,00	M1010B22R30_FC	22	70	2
12,0	12	0,50	M1212B25R05_FC	25	75	2
12,0	12	0,75	M1212B25R075_FC	25	75	2
12,0	12	1,00	M1212B25R10_FC	25	75	2
12,0	12	1,50	M1212B25R15_FC	25	75	2
12,0	12	2,00	M1212B25R20_FC	25	75	2
12,0	12	3,00	M1212B25R30_FC	25	75	2
16,0	16	0,50	M1616B32R05_FC	32	88	2
16,0	16	0,75	M1616B32R075_FC	32	88	2
16,0	16	1,00	M1616B32R10_FC	32	88	2
16,0	16	1,50	M1616B32R15_FC	32	88	2
16,0	16	2,00	M1616B32R20_FC	32	88	2
16,0	16	3,00	M1616B32R30_FC	32	88	2
20,0	20	0,50	M2020B38R05_FC	38	100	2
20,0	20	0,75	M2020B38R075_FC	38	100	2
20,0	20	1,00	M2020B38R10_FC	38	100	2
20,0	20	1,50	M2020B38R15_FC	38	100	2
20,0	20	2,00	M2020B38R20_FC	38	100	2
20,0	20	3,00	M2020B38R30_FC	38	100	2

Four Flute, with Corner Radius

FC

TiAlN coated

Micrograin Carbide

Tolerance

D 4,0 - 20,0 +0 / -0,050

Shank

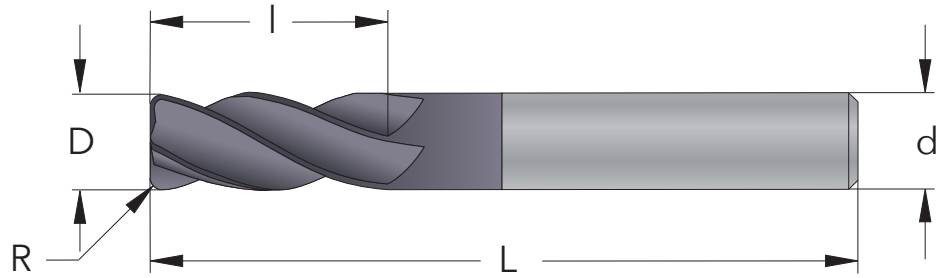
Cylindrical med h6 Tolerance

Flute

30° right hand spiral, center cutting

Field of application

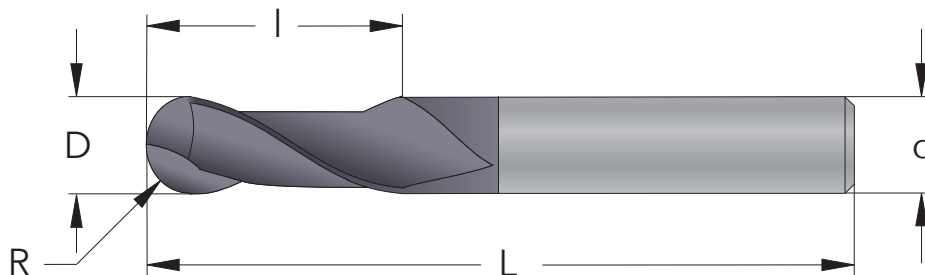
All types of steel



D mm	d mm	R mm	Part Number	l mm	L mm	Cutting edges
4,0	4	0,25	M0404D14R025_FC	14	50	4
4,0	4	0,50	M0404D14R05_FC	14	50	4
4,0	4	0,75	M0404D14R075_FC	14	50	4
4,0	4	1,00	M0404D14R10_FC	14	50	4
6,0	6	0,25	M0606D19R025_FC	19	63	4
6,0	6	0,50	M0606D19R05_FC	19	63	4
6,0	6	0,75	M0606D19R075_FC	19	63	4
6,0	6	1,00	M0606D19R10_FC	19	63	4
6,0	6	1,25	M0606D19R125_FC	19	63	4
6,0	6	1,50	M0606D19R15_FC	19	63	4
8,0	8	0,50	M0808D19R05_FC	19	63	4
8,0	8	0,75	M0808D19R075_FC	19	63	4
8,0	8	1,00	M0808D19R10_FC	19	63	4
8,0	8	1,25	M0808D19R125_FC	19	63	4
8,0	8	1,50	M0808D19R15_FC	19	63	4
8,0	8	2,00	M0808D19R20_FC	19	63	4
10,0	10	0,50	M1010D22R05_FC	22	70	4
10,0	10	0,75	M1010D22R075_FC	22	70	4
10,0	10	1,00	M1010D22R10_FC	22	70	4
10,0	10	1,50	M1010D22R15_FC	22	70	4
10,0	10	2,00	M1010D22R20_FC	22	70	4
10,0	10	3,00	M1010D22R30_FC	22	70	4
12,0	12	0,50	M1212D25R05_FC	25	75	4
12,0	12	0,75	M1212D25R075_FC	25	75	4
12,0	12	1,00	M1212D25R10_FC	25	75	4
12,0	12	1,50	M1212D25R15_FC	25	75	4
12,0	12	2,00	M1212D25R20_FC	25	75	4
12,0	12	3,00	M1212D25R30_FC	25	75	4
16,0	16	0,50	M1616D32R05_FC	32	88	4
16,0	16	0,75	M1616D32R075_FC	32	88	4
16,0	16	1,00	M1616D32R10_FC	32	88	4
16,0	16	1,50	M1616D32R15_FC	32	88	4
16,0	16	2,00	M1616D32R20_FC	32	88	4
16,0	16	3,00	M1616D32R30_FC	32	88	4
20,0	20	0,50	M2020D38R05_FC	38	100	4
20,0	20	0,75	M2020D38R075_FC	38	100	4
20,0	20	1,00	M2020D38R10_FC	38	100	4
20,0	20	1,50	M2020D38R15_FC	38	100	4
20,0	20	2,00	M2020D38R20_FC	38	100	4
20,0	20	3,00	M2020D38R30_FC	38	100	4

Two Flute, with Ball Nose

FC
TiAlN coated
Micrograin Carbide
Tolerance
D 1,0 - 25,0 +0 / -0,050
Shank
Cylindrical med h6 Tolerance
Flute
30° right hand spiral
Field of application
All types of steel



D mm	d mm	R mm	Part Number	l mm	L mm	Cutting edges
1,0	3	0,50	R0301B3_FC	3	38	2
1,5	3	0,75	R03015B5_FC	5	38	2
2,0	3	1,00	R0302B6_FC	6	38	2
2,5	3	1,25	R03025B7_FC	7	38	2
3,0	3	1,50	R0303B12_FC	12	38	2
3,0	3	1,50	R0303B25_FC	25	65	2
4,0	4	2,00	R0404B14_FC	14	50	2
4,0	4	2,00	R0404B25_FC	25	65	2
5,0	5	2,50	R0505B16_FC	16	50	2
5,0	5	2,50	R0505B25_FC	25	75	2
6,0	6	3,00	R0606B19_FC	19	63	2
6,0	6	3,00	R0606B25_FC	25	75	2
6,0	6	3,00	R0606B38_FC	38	100	2
8,0	8	4,00	R0808B19_FC	19	63	2
8,0	8	4,00	R0808B25_FC	25	75	2
8,0	8	4,00	R0808B38_FC	38	100	2
10,0	10	5,00	R1010B22_FC	22	70	2
10,0	10	5,00	R1010B38_FC	38	100	2
12,0	12	6,00	R1212B25_FC	25	75	2
12,0	12	6,00	R1212B50_FC	50	100	2
12,0	12	6,00	R1212B75_FC	75	150	2
14,0	14	7,00	R1414B30_FC	30	88	2
16,0	16	8,00	R1616B32_FC	32	88	2
16,0	16	8,00	R1616B75_FC	75	150	2
18,0	18	9,00	R1818B36_FC	36	100	2
20,0	20	10,0	R2020B38_FC	38	100	2
20,0	20	10,0	R2020B75_FC	75	150	2
25,0	25	12,5	R2525B75_FC	75	150	2

with Long Shank

D mm	d mm	R mm	Part Number	l mm	L mm	Cutting edges
2,0	2	1,0	R0202B10L100_FC	10	100	2
3,0	3	1,5	R0303B12L100_FC	12	100	2
4,0	4	2,0	R0404B15L120_FC	15	120	2
5,0	5	2,5	R0505B15L150_FC	15	150	2
6,0	6	3,0	R0606B20L150_FC	20	150	2
8,0	8	4,0	R0808B20L180_FC	20	180	2
10,0	10	5,0	R1010B25L200_FC	25	200	2
12,0	12	6,0	R1212B30L200_FC	30	200	2

Four Flute, with Ball Nose

FC

TiAlN coated

Micrograin Carbide

Tolerance

D 1,0 - 25,0 +0 / -0,050

Shank

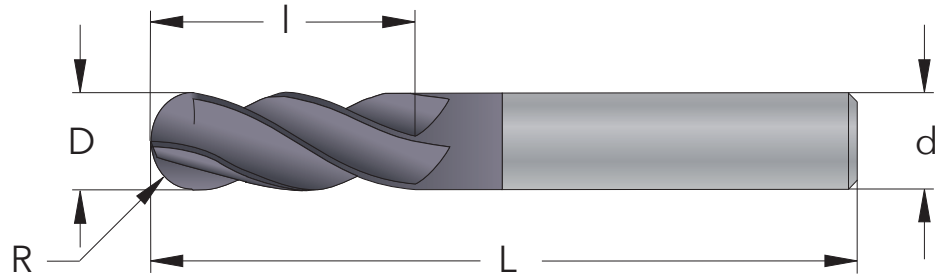
Cylindrical med h6 Tolerance

Flute

30° right hand spiral

Field of application

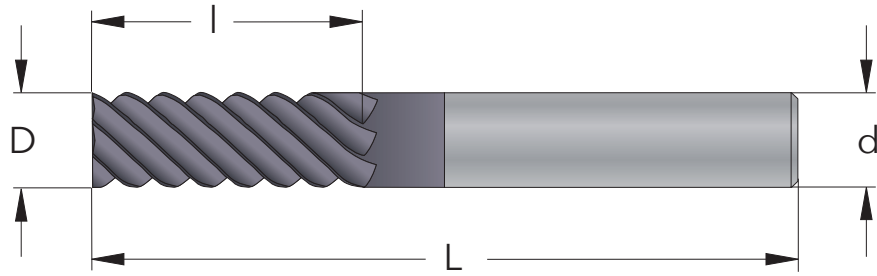
All types of steel



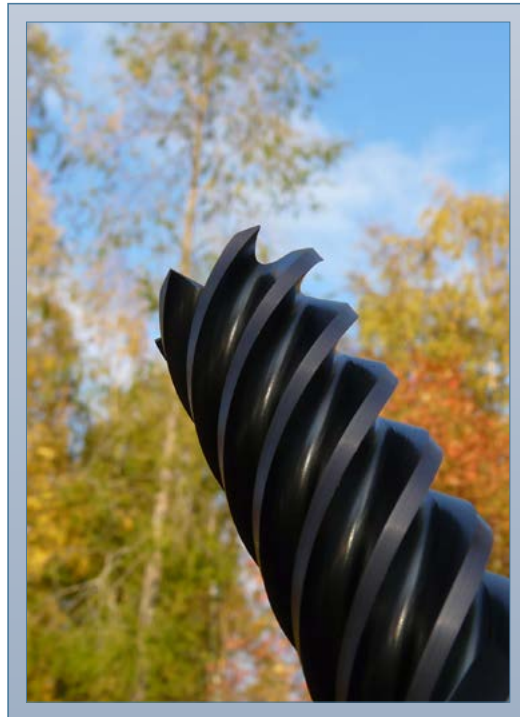
D mm	d mm	R mm	Part Number	l mm	L mm	Cutting edges
1,0	3	0,50	R0301D3_FC	3	38	4
1,5	3	0,75	R03015D5_FC	5	38	4
2,0	3	1,00	R0302D6_FC	6	38	4
2,5	3	1,25	R03025D7_FC	7	38	4
3,0	3	1,50	R0303D12_FC	12	38	4
3,0	3	1,50	R0303D25_FC	25	65	4
4,0	4	2,00	R0404D14_FC	14	50	4
4,0	4	2,00	R0404D25_FC	25	65	4
5,0	5	2,50	R0505D16_FC	16	50	4
5,0	5	2,50	R0505D25_FC	25	75	4
6,0	6	3,00	R0606D19_FC	19	63	4
6,0	6	3,00	R0606D25_FC	25	75	4
6,0	6	3,00	R0606D38_FC	38	100	4
8,0	8	4,00	R0808D19_FC	19	63	4
8,0	8	4,00	R0808D25_FC	25	75	4
8,0	8	4,00	R0808D38_FC	38	100	4
10,0	10	5,00	R1010D22_FC	22	70	4
10,0	10	5,00	R1010D38_FC	38	100	4
12,0	12	6,00	R1212D25_FC	25	75	4
12,0	12	6,00	R1212D50_FC	50	100	4
12,0	12	6,00	R1212D75_FC	75	150	4
14,0	14	7,00	R1414D30_FC	30	88	4
16,0	16	8,00	R1616D32_FC	32	88	4
16,0	16	8,00	R1616D75_FC	75	150	4
18,0	18	9,00	R1818D36_FC	36	100	4
20,0	20	10,0	R2020D38_FC	38	100	4
20,0	20	10,0	R2020D75_FC	75	150	4
25,0	25	12,5	R2525D75_FC	75	150	4

High Helix

FC
TiAlN coated
Micrograin Carbide
Tolerance
D 10,0 - 32,0 +0 / -0,050
Shank
Cylindrical h6, DIN6535 HA
Flute
50° right hand spiral
Field of application
All types of steel



D mm	d mm	Part Number	l mm	L mm	Cutting edges
10,0	10	U1010F25_FC	25	76	6
12,0	12	U1212F30_FC	30	100	6
16,0	16	U1616F40_FC	40	100	6
20,0	20	U2020F45_FC	45	120	6
25,0	25	U2525F60_FC	60	130	6
32,0	32	U3232H75_FC	75	150	8



High Helix, for Hard Materials

FC

TiAlN coated

Micrograin Carbide

Tolerance

D 6,0 - 32,0 +0 / -0,050

Shank

Cylindrical h6, DIN6535 HA

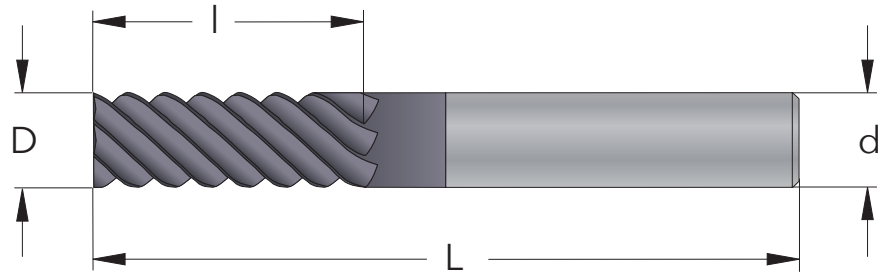
Flute

50° right hand spiral

Negative cutting angle

Field of application

Hard materials up to HRC 65



D mm	d mm	Part Number	l mm	L mm	Cutting edges
6,0	6	V0606F15_FC	15	63	6
8,0	8	V0808F20_FC	20	76	6
10,0	10	V1010F25_FC	25	76	6
12,0	12	V1212F30_FC	30	100	6
16,0	16	V1616F40_FC	40	100	6
20,0	20	V2020F45_FC	45	120	6
25,0	25	V2525H60_FC	60	130	8
32,0	32	V3232H75_FC	75	150	8

