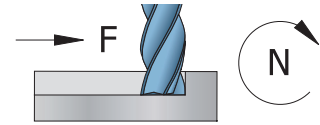
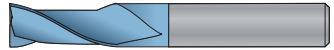


Technical Information

74



SOLID CARBIDE END MILLS

LC	M	Two Flute	76	
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FC	TH	Roughing End Mill	95



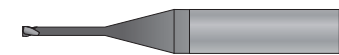
MOLD AND DIE END MILLS

FC	MP	Micro, Two Flute	96
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DIAMOND COATED END MILLS

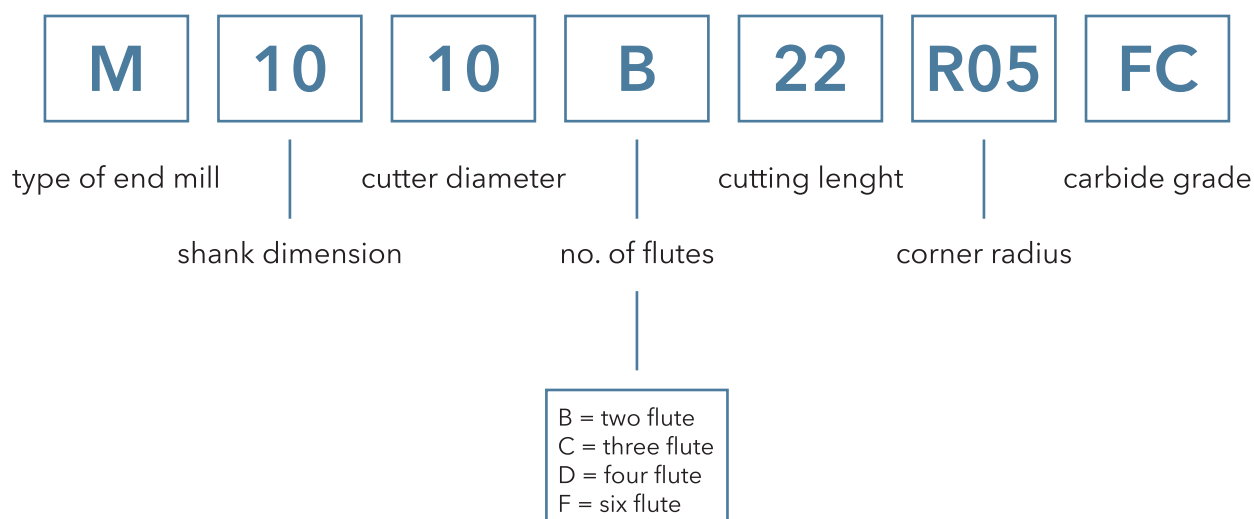
DC	MG	Micro, Two Flute	104
DC	RG	Micro, Two Flute, with Ball Nose	105
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DC	MG..L	Two Flute, with Corner Radius, Long Shank	106
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Cutting Speed (V_c) and Material Factor (F_m)

MATERIAL		Hardness HB	Tensile Strength N/mm ²	Cutting Speed (V_c) m/min	Material Factor (F_m)
Steel	Low carbon, C < 0,25%	< 120	< 400	150 - 200	1,2
	Medium carbon, C < 0,55%	< 200	< 700	120 - 170	1,1
	High carbon, C < 0,85%	< 250	< 850	110 - 150	1,0
	Low alloy	< 250	< 850	100 - 140	1,0
	High alloy	< 350	< 1200	70 - 110	0,9
	Hardened, HRC < 45			60 - 100	0,8
	Hardened, HRC < 55			30 - 60	0,7
	Hardened, HRC < 65			20 - 40	0,6
Cast iron	Lamellar graphite	< 150	< 500	130 - 180	1,2
	Lamellar graphite	< 300	< 1000	100 - 150	1,1
	Nodular graphite, malleable	< 200	< 700	100 - 150	1,0
	Nodular graphite, malleable	< 300	< 1000	80 - 120	0,9
Stainless steel	Free machining	< 250	< 850	130 - 180	1,0
	Austenitic	< 250	< 850	90 - 140	0,9
	Ferritic and austenitic	< 300	< 1000	80 - 120	0,8
Titanium	Unalloyed	< 200	< 700	60 - 80	0,8
	Alloyed	< 270	< 900	50 - 70	0,7
	Alloyed	< 350	< 1250	30 - 50	0,6
Nickel	Unalloyed	< 150	< 500	80 - 120	0,8
	Alloyed	< 270	< 900	60 - 80	0,7
	Alloyed	< 350	< 1250	50 - 70	0,6
Copper	Unalloyed	< 100	< 350	150 - 250	1,0
	Brass, bronze	< 200	< 700	130 - 180	1,0
	High strength bronze	< 470	< 1500	60 - 80	0,8
Aluminium	Unalloyed	< 100	< 350	500 - 900	1,4
	Alloyed, Si < 0.5%	< 150	< 500	400 - 800	1,3
	Alloyed, Si < 10%	< 120	< 400	300 - 500	1,2
	Alloyed, Si > 10%	< 120	< 400	200 - 400	1,1
Inconel	718	< 370		50 - 70	0,6
Graphite				300 - 500	1,0

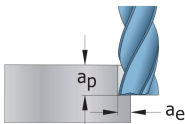
Code Key



Engagement Factor (F_e)

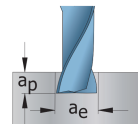
	Side Milling				Slot Milling
	$a_e = 0,1 \times D$	$a_e = 0,25 \times D$	$a_e = 0,5 \times D$	$a_e = 0,75 \times D$	$a_e = 1,0 \times D$
$a_p = 0,25 \times D$	3,5	1,8	1,4	1,2	1,0
$a_p = 0,5 \times D$	3,0	1,5	1,2	0,9	0,7
$a_p = 0,75 \times D$	2,5	1,3	1,0	0,7	0,6
$a_p = 1,0 \times D$	2,0	1,1	0,8	0,6	0,5
$a_p = 1,25 \times D$	1,7	0,9	0,6		
$a_p = 1,5 \times D$	1,4	0,7			
$a_p = 2,0 \times D$	1,2	0,5			
$a_p = 2,5 \times D$	1,0				
$a_p = 3,0 \times D$	0,8				

Side Milling



$$F_z = F_m \times F_e \times F_d$$

Slot Milling

Diameter Factor (F_d)

D = cutter diameter (mm)
 F_z = feed / flute (mm/flute)
 n = spindle speed (rpm)
 V_c = cutting speed (m/min)
 V_f = table feed (mm/min)
 z = no. of flutes

Example

Side Milling with M1010D25 LC
 Standard Length Four Flute End Mill
 Carbon Steel, up to 700 N/mm²
 $D = 10$ mm
 $a_p = 1,0 \times D = 10$ mm
 $a_e = 0,25 \times D = 2,5$ mm
 $F_z = 1,1 \times 1,1 \times 0,056 = 0,068$ mm/flute
 $n = (130 \times 1000) / (n \times 10) = 4138$ rpm
 $V_f = 0,068 \times 4 \times 4138 = 1126$ mm/min

D	Diameter Factor (F_d)
0,5	0,004
1,0	0,006
2,0	0,009
3,0	0,012
4,0	0,016
5,0	0,022
6,0	0,032
8,0	0,045
10,0	0,056
12,0	0,074
14,0	0,086
16,0	0,098
18,0	0,110
20,0	0,122
25,0	0,135
32,0	0,145
40,0	0,155

$$n = \frac{V_c \times 1000}{\pi \times D}$$

$$V_f = F_z \times z \times n$$

Cutting Data Tables

Go to our website to download a PDF with cutting parameters for side milling, slot milling, and high-speed milling.



Carbide Grades

LC

Super Micrograin Carbide with AlCrN coating.
All-round grade, combination of toughness and heat resistance. Use cutting data according to the tables.

MG

Uncoated Super Micrograin Carbide.
For Aluminium.
Use cutting data according to the tables.

FC

Micrograin Carbide with TiAlN coating.
All-round grade with high heat resistance.
Use cutting data according to the tables.

DC

Micrograin Carbide with Diamond coating.
For Graphite.
Use cutting data according to the tables.

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

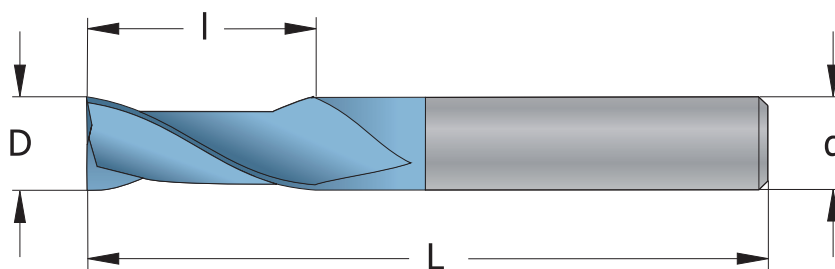
Cylindrical h6, DIN6535 HA

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	No. of Flutes
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

Solid Carbide End Mills with LC grade

Choose SmiCut's Solid Carbide End Mills for a reliable, high-quality tool that delivers top-tier performance. Our LC grade (AlCrN-coated) end mills are the ideal choice for high-performance milling in all types of steel. Experience the numerous advantages of our LC grade end mills:

- Super Micrograin Carbide
- Extremely tight tolerances
- High heat resistance coating
- Long tool life
- Best price-to-value ratio



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

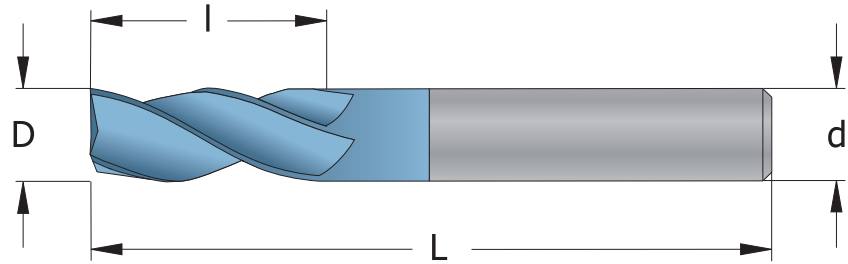
Cylindrical h6, DIN6535 HA

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	No. of Flutes
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	M0606C10_LC	10	50	3
6,0	6	M0606C16_LC	16	57	3
8,0	8	M0808C12_LC	12	57	3
8,0	8	M0808C20_LC	20	63	3
10,0	10	M1010C15_LC	15	63	3
10,0	10	M1010C25_LC	25	72	3
12,0	12	M1212C18_LC	18	72	3
12,0	12	M1212C30_LC	30	83	3



Available in two
different lengths in
Ø6, 8, 10 and 12 mm.

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

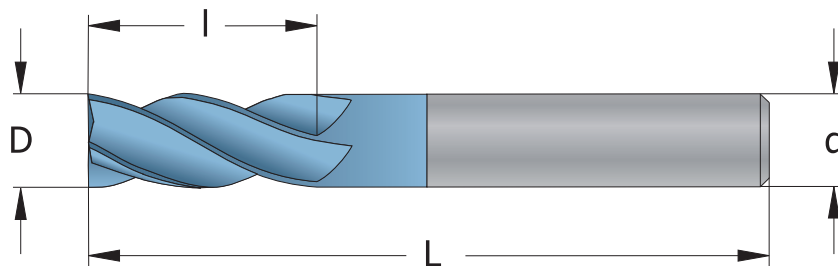
Cylindrical h6, DIN6535 HA

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	No. of Flutes
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	M0606D10_LC	10	50	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	M0808D12_LC	12	57	4
8,0	8	M0808D20_LC	20	63	4
8,0	8	M0808D32_LC	32	83	4
10,0	10	M1010D15_LC	15	63	4
10,0	10	M1010D25_LC	25	72	4
10,0	10	M1010D40_LC	40	92	4
12,0	12	M1212D18_LC	18	72	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

Available in three
different lengths in
Ø6, 8, 10 and 12 mm.



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

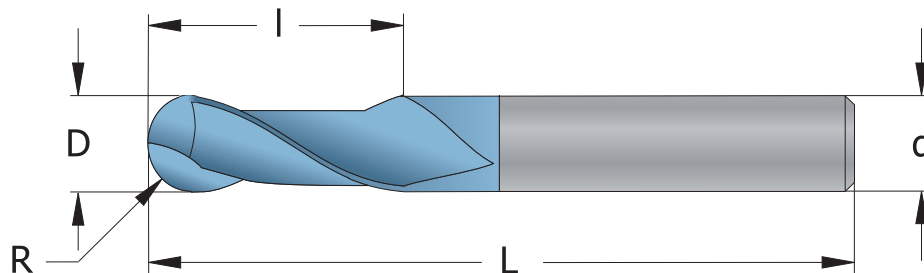
Cylindrical h6, DIN6535 HA

Flute

30° right hand spiral, center cutting

Field of application

All types of steel up to HRC55

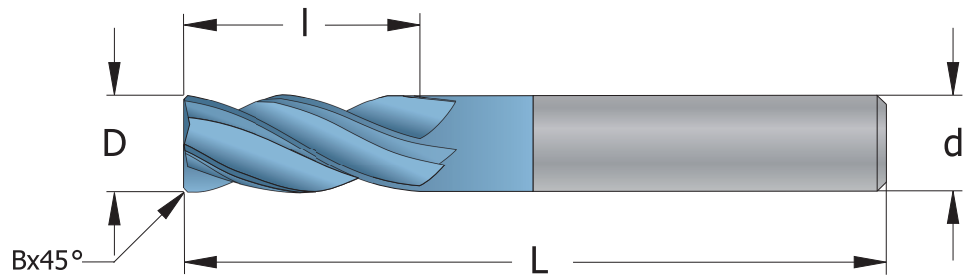


D mm	d mm	R mm	Part Number	l mm	L mm	No. of Flutes
1,0	4	0,5	R0401B2_LC	2	50	2
1,5	4	0,75	R04015B3_LC	3	50	2
2,0	4	1,0	R0402B4_LC	4	50	2
2,5	4	1,25	R04025B5_LC	5	50	2
3,0	4	1,5	R0403B6_LC	6	50	2
3,0	6	1,5	R0603B6_LC	6	57	2
4,0	4	2,0	R0404B8_LC	8	50	2
4,0	6	2,0	R0604B8_LC	8	57	2
5,0	6	2,5	R0605B10_LC	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	No. of Flutes
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

Variable Flute for Optimal Performance

Our End Mills with Variable Flutes are designed to deliver high-speed machining and excellent surface finish. The varying helix angles reduce vibration and distribute the cutting forces evenly, ensuring smooth operation and longer tool life. Ideal for diverse materials, these end mills provide a balance of speed, precision, and durability for optimal machining performance.



*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

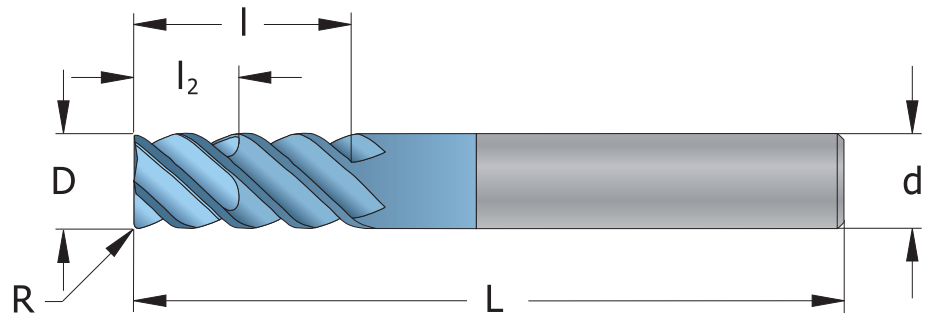
Cylindrical h6, DIN6535 HA

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	No. of Flutes
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

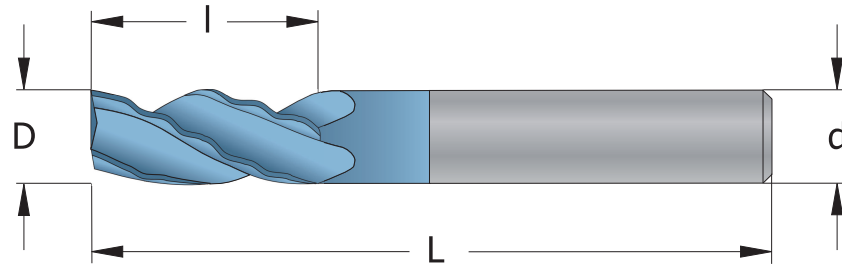
Slot Milling and Side Milling with One Tool

Good chip removal for slot milling and strong and vibrationfree machining for side milling. Slot Side End Mills are engineered for precise slotting and side milling tasks in various materials. Their design ensures a clean and accurate cut, providing both depth control and minimized vibration. Ideal for jobs requiring defined slots or recesses, these tools offer reliability and consistency, enhancing your machining operations' precision and productivity.



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	No. of Flutes
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 End Mills: Roughing Redefined

Wave formed Roughing End Mills are specifically crafted for high feed rates in roughing applications. Their wave-like profile optimizes chip formation and ejection, resulting in reduced power consumption, minimized cutting forces, and enhanced tool life. Suited for various materials, these tools provide an effective solution for large material removal, ensuring precise and efficient roughing operations.



*Wave formed cutting edge
gives high productivity*

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

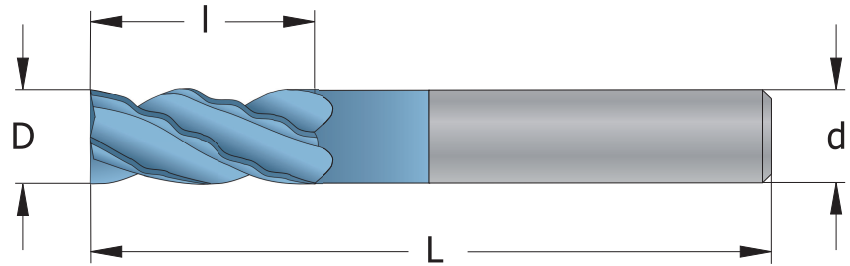
Cylindrical h6, DIN6535 HA

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	No. of Flutes
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

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

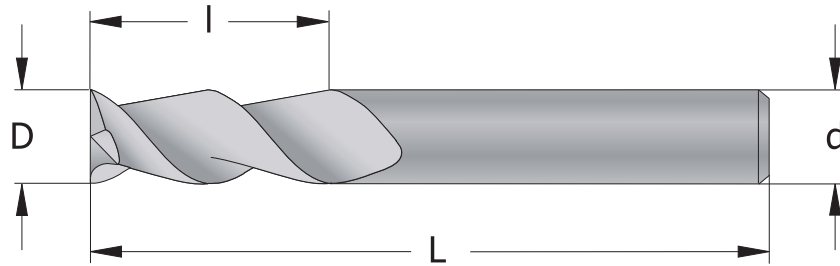
Cylindrical h6, DIN6535 HA

Flute

45° right hand spiral, center cutting

Field of application

Aluminium



D mm	d mm	Part Number	l mm	L mm	No. of Flutes
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

Solid Carbide End Mills for Aluminium

The flute and overall design of our aluminium end mills are tailored to the material's properties, allowing for high removal rates and extended tool life.

We offer a range of standard end mills for aluminium with 2 or 3 flutes and end mills for roughing in 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

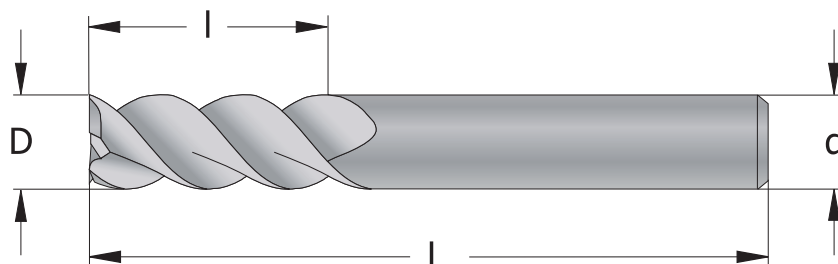
Cylindrical h6, DIN6535 HA

Flute

50° right hand spiral, center cutting

Field of application

Aluminium



D mm	d mm	Part Number	l mm	L mm	No. of Flutes
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

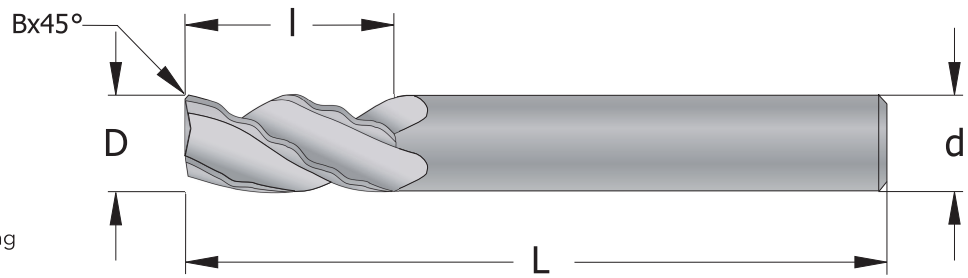
Cylindrical h6, DIN6535 HA

Flute

45° right hand spiral, center cutting

Field of application

Aluminium



D mm	d mm	B mm	Part Number	l mm	L mm	No. of Flutes
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

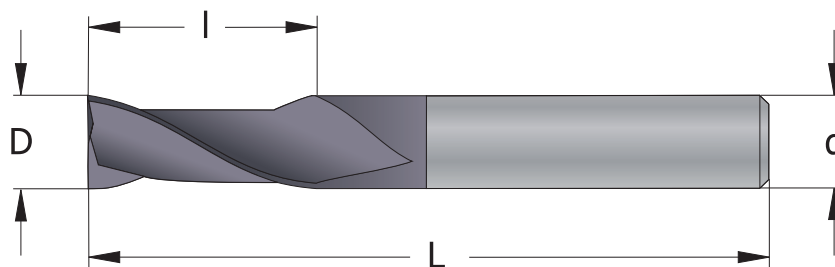
Cylindrical with h6 tolerance

Flute

30° right hand spiral, center cutting

Field of application

All types of steel



D mm	d mm	Part Number	l mm	L mm	No. of Flutes
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

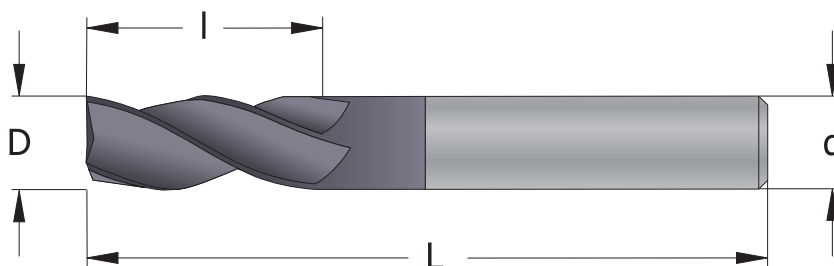
Solid Carbide End Mills with FC grade

Explore our large selection of FC end mills, they come in many different sizes and lengths. These end mills are also available with corner radius, ball nose, and high helix.

FC is an all-round grade that performs well in a wide range of materials and applications.

Three Flute

FC
TiAlN coated
Micrograin Carbide
Tolerance
D 1,0 - 25,0 +0 / -0,050
Shank
Cylindrical with 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	No. of Flutes
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

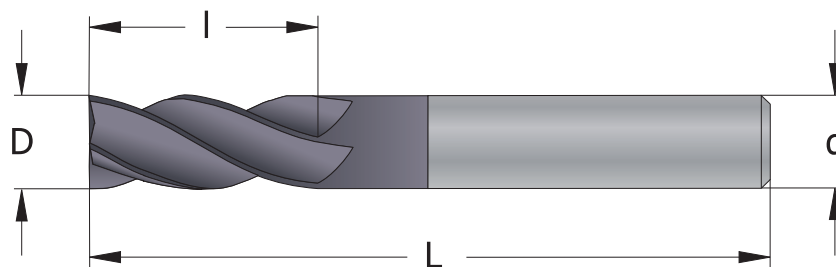
Cylindrical with h6 tolerance

Flute

30° right hand spiral, center cutting

Field of application

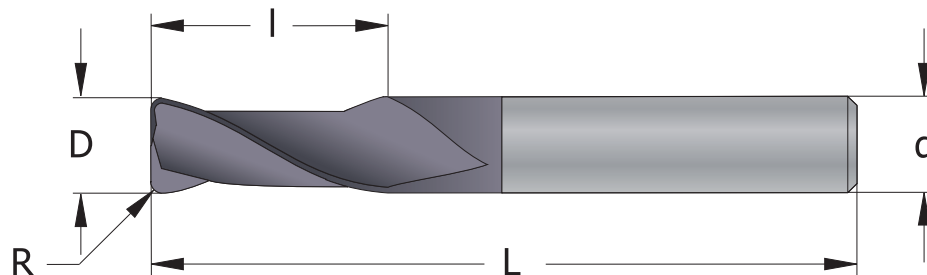
All types of steel



D mm	d mm	Part Number	l mm	L mm	No. of Flutes
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 with 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	No. of Flutes
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

FC

TiAlN coated

Micrograin Carbide

Tolerance

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

Shank

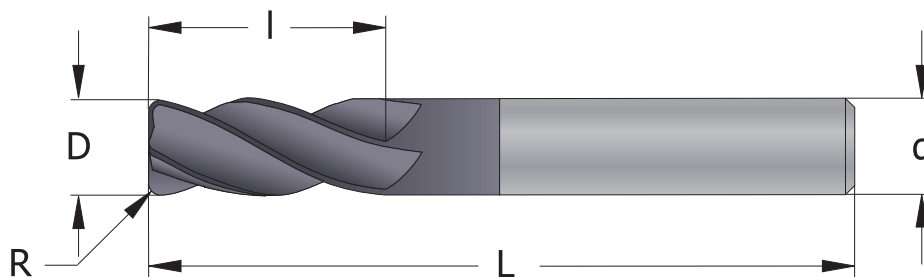
Cylindrical with h6 tolerance

Flute

30° right hand spiral, center cutting

Field of application

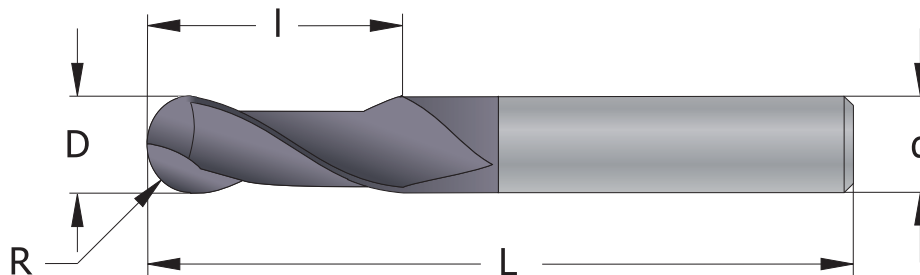
All types of steel



D mm	d mm	R mm	Part Number	l mm	L mm	No. of Flutes
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 with 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	No. of Flutes
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	No. of Flutes
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

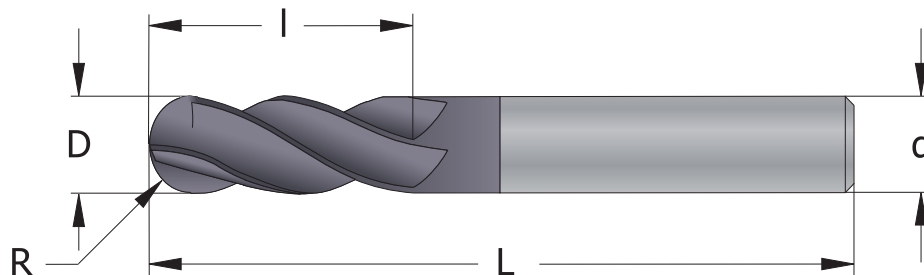
Cylindrical with h6 tolerance

Flute

30° right hand spiral

Field of application

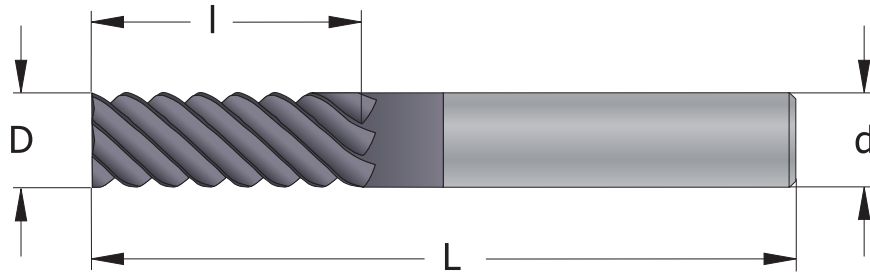
All types of steel



D mm	d mm	R mm	Part Number	l mm	L mm	No. of Flutes
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



for Soft Materials

D mm	d mm	Part Number	l mm	L mm	No. of Flutes
10,0	10	U1010F25_FC	25	76	6
12,0	12	U1212F30_FC	30	83	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

for Hard Materials

D mm	d mm	Part Number	l mm	L mm	No. of Flutes
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	83	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

High Helix End Mills: For Efficient Machining

High Helix End Mills are extremely efficient tools for side milling. The high angle of these end mills aids in effective chip evacuation, reducing heat and minimizing tool wear. Ideal for both high-speed machining and achieving fine surface finishes, these tools deliver precision and productivity in a variety of applications.

The V-type end mill features a special geometry for efficient machining in hardened steel. For other types of steel, choose the U-type end mill.



Roughing End Mill

FC

TiAlN coated

Super Micrograin Carbide

Tolerance

D 1,0 - 3,0 -0,002 / -0,012

D 4,0 - 6,0 -0,004 / -0,016

D 7,0 - 10,0 -0,005 / -0,020

D 11,0 - 18,0 -0,006 / -0,024

Shank

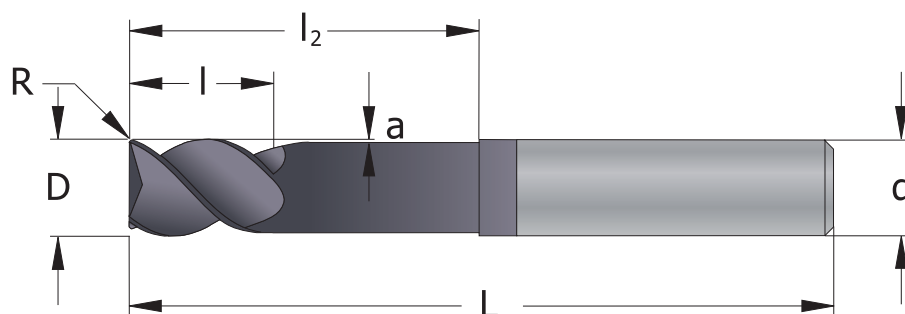
Cylindrical h5, DIN6535 HA

Flute

45° right hand spiral, center cutting

Field of application

All types of steel



D mm	d mm	R mm	Part Number	l mm	l ₂ mm	L mm	a mm	No. of Flutes
3,0	3	0,2	TH0303C4_FC	4	10	39	0,05	3
5,0	6	0,2	TH0605C6_FC	6	14	64	0,15	3
6,0	6	0,3	TH0606C7_FC	7	16	64	0,2	3
8,0	8	0,5	TH0808C9_FC	9	20	64	0,3	3
10,0	10	0,5	TH1010C12_FC	12	25	70	0,3	3
12,0	12	0,5	TH1212C15_FC	15	30	78	0,3	3
16,0	16	0,5	TH1616C18_FC	18	38	89	0,3	3

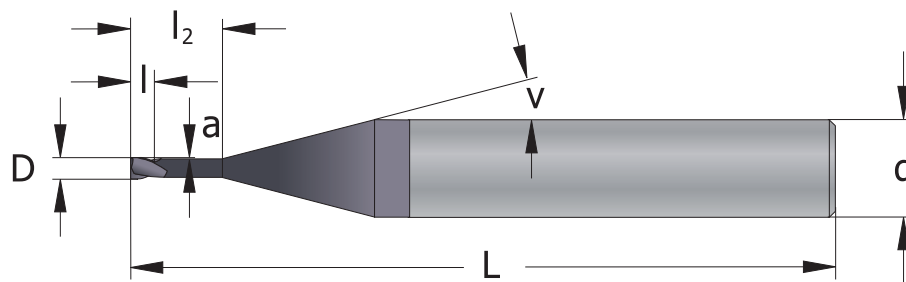
*Achieve high material removal
with its outstanding chip flow.*

*Waist design ensures
reach into deep areas.*



Micro, Two Flute

FC
TiAlN coated
Super Micrograin Carbide
Tolerance
D 0,3 - 3,0 -0,002 / -0,012
Shank
Cylindrical h5, DIN6535 HA
Flute
30° right hand spiral, center cutting
Field of application
High speed cutting in steel



D mm	d mm	Part Number	l mm	l ₂ mm	L mm	a mm	v °	No. of Flutes
0,1	6	MP06001B0.2_FC	0,15	0,15	64		10	2
0,2	6	MP06002B0.3_FC	0,3	0,3	64		10	2
0,3	6	MP06003B0.5_FC	0,5	0,5	64		11	2
0,3	6	MP06003B0.6_FC	0,5	1,5	64	0,010	11	2
0,3	6	MP06003B0.7_FC	0,5	3,0	64	0,010	12	2
0,4	6	MP06004B0.7_FC	0,6	0,6	64		11	2
0,4	6	MP06004B0.8_FC	0,6	2,0	64	0,010	11	2
0,4	6	MP06004B0.9_FC	0,6	4,0	64	0,010	13	2
0,5	6	MP06005B0.9_FC	0,8	0,8	64		11	2
0,5	6	MP06005B1_FC	0,8	3,0	64	0,015	12	2
0,5	6	MP06005B1.1_FC	0,8	6,0	64	0,015	15	2
0,5	6	MP06005B1.2_FC	0,8	8,0	64	0,015	15	2
0,5	6	MP06005B1.3_FC	0,8	10,0	64	0,015	15	2
0,6	6	MP06006B1.1_FC	0,9	0,9	64		10	2
0,6	6	MP06006B1.15_FC	0,9	2,0	64	0,025	11	2
0,6	6	MP06006B1.2_FC	0,9	4,0	64	0,025	13	2
0,6	6	MP06006B1.3_FC	0,9	6,0	64	0,025	15	2
0,6	6	MP06006B1.4_FC	0,9	8,0	64	0,025	15	2
0,6	6	MP06006B1.5_FC	0,9	10,0	64	0,025	15	2
0,8	6	MP06008B1.5_FC	1,2	1,2	64		10	2
0,8	6	MP06008B1.55_FC	1,2	2,5	64	0,025	11	2
0,8	6	MP06008B1.6_FC	1,2	5,0	64	0,025	13	2
0,8	6	MP06008B1.7_FC	1,2	8,0	64	0,025	15	2
0,8	6	MP06008B1.8_FC	1,2	10,0	64	0,025	15	2
1,0	6	MP0601B1.9_FC	1,5	1,5	64		10	2
1,0	6	MP0601B1.95_FC	1,5	4,0	64	0,025	12	2
1,0	6	MP0601B2_FC	1,5	6,0	64	0,025	14	2
1,0	6	MP0601B2.1_FC	1,5	10,0	64	0,025	15	2
1,0	6	MP0601B2.2_FC	1,5	15,0	64	0,025	15	2
1,0	6	MP0601B2.3_FC	1,5	20,0	64	0,025	15	2
1,0	6	MP0601B2.4_FC	1,5	25,0	64	0,025	15	2
1,2	6	MP06012B2.3_FC	1,8	1,8	64		10	2
1,2	6	MP06012B2.34_FC	1,8	4,0	64	0,025	11	2
1,2	6	MP06012B2.37_FC	1,8	6,0	64	0,025	14	2
1,2	6	MP06012B2.4_FC	1,8	8,0	64	0,025	15	2
1,2	6	MP06012B2.5_FC	1,8	12,0	64	0,025	15	2
1,2	6	MP06012B2.6_FC	1,8	16,0	64	0,025	15	2
1,5	6	MP06015B2.9_FC	2,3	2,3	64		10	2
1,5	6	MP06015B2.95_FC	2,3	6,0	64	0,025	13	2
1,5	6	MP06015B3_FC	2,3	10,0	64	0,025	15	2
1,5	6	MP06015B3.1_FC	2,3	15,0	64	0,025	15	2
1,5	6	MP06015B3.2_FC	2,3	20,0	64	0,025	15	2
1,5	6	MP06015B3.3_FC	2,3	25,0	64	0,025	15	2
2,0	6	MP0602B2.9_FC	3,0	3,0	64		9	2
2,0	6	MP0602B2.95_FC	3,0	6,0	64	0,05	11	2

D mm	d mm	Part Number	l mm	l ₂ mm	L mm	a mm	ν °	No. of Flutes
2,0	6	MP0602B3_FC	3,0	10,0	64	0,05	15	2
2,0	6	MP0602B3.1_FC	3,0	16,0	64	0,05	15	2
2,0	6	MP0602B3.2_FC	3,0	20,0	64	0,05	15	2
2,0	6	MP0602B3.3_FC	3,0	25,0	64	0,05	15	2
2,0	6	MP0602B3.4_FC	3,0	30,0	64	0,05	15	2
2,5	6	MP06025B2.9_FC	3,0	3,0	64		8	2
2,5	6	MP06025B2.95_FC	3,0	6,0	64	0,05	10	2
2,5	6	MP06025B3_FC	3,0	10,0	64	0,05	15	2
2,5	6	MP06025B3.1_FC	3,0	16,0	64	0,05	15	2
2,5	6	MP06025B3.2_FC	3,0	20,0	64	0,05	15	2
2,5	6	MP06025B3.3_FC	3,0	25,0	64	0,05	15	2
3,0	6	MP0603B2.9_FC	3,0	3,0	64		7	2
3,0	6	MP0603B2.95_FC	3,0	6,0	64	0,05	9	2
3,0	6	MP0603B3_FC	3,0	10,0	64	0,05	14	2
3,0	6	MP0603B3.1_FC	3,0	16,0	64	0,05	15	2
3,0	6	MP0603B3.2_FC	3,0	20,0	64	0,05	15	2
3,0	6	MP0603B3.3_FC	3,0	25,0	64	0,05	15	2
3,0	6	MP0603B3.4_FC	3,0	30,0	64	0,05	15	2

■ Micro End Mills are available with Corner Radius. The price is 10% higher.

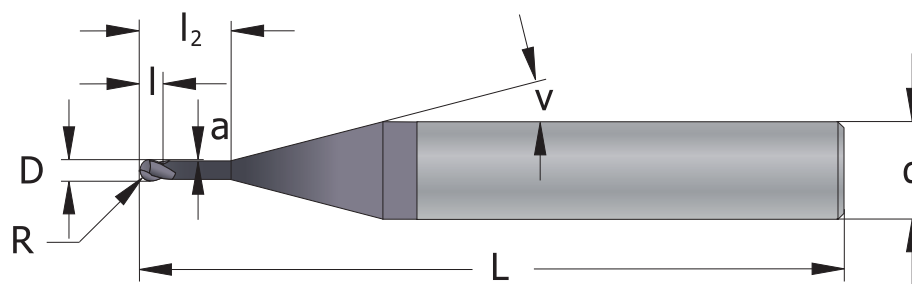
Mold and Die End Mills: High-Speed Cutting Solutions

SmiCut offers an extensive range of Mold and Die End Mills, designed for high-speed cutting applications. Our collection includes Micro End Mills as small as Ø0.1 mm, end mills with corner radius, ball nose options, and more. Many of these end mills are also available with a durable diamond coating for enhanced performance.



Micro, Two Flute, with Ball Nose

FC
TiAlN coated
Super Micrograin Carbide
Tolerance
D 0,3 - 3,0 -0,002 / -0,012
Shank
Cylindrical h5, DIN6535 HA
Flute
30° right hand spiral
Field of application
High speed cutting in steel



D mm	d mm	R mm	Part Number	l mm	l ₂ mm	L mm	a mm	v °	No. of Flutes
0,2	6	0,10	RP06002B0.3_FC	0,3	0,3	64		10	2
0,3	6	0,15	RP06003B0.5_FC	0,5	0,5	64		11	2
0,3	6	0,15	RP06003B0.6_FC	0,5	1,5	64	0,010	11	2
0,3	6	0,15	RP06003B0.7_FC	0,5	3,0	64	0,010	12	2
0,4	6	0,2	RP06004B0.7_FC	0,6	0,6	64		11	2
0,4	6	0,2	RP06004B0.8_FC	0,6	2,0	64	0,010	11	2
0,4	6	0,2	RP06004B0.9_FC	0,6	4,0	64	0,010	13	2
0,5	6	0,25	RP06005B0.9_FC	0,8	0,8	64		11	2
0,5	6	0,25	RP06005B1_FC	0,8	3,0	64	0,015	12	2
0,5	6	0,25	RP06005B1.1_FC	0,8	6,0	64	0,015	15	2
0,5	6	0,25	RP06005B1.2_FC	0,8	8,0	64	0,015	15	2
0,5	6	0,25	RP06005B1.3_FC	0,8	10,0	64	0,015	15	2
0,6	6	0,3	RP06006B1.1_FC	0,9	0,9	64		10	2
0,6	6	0,3	RP06006B1.15_FC	0,9	2,0	64	0,025	11	2
0,6	6	0,3	RP06006B1.2_FC	0,9	4,0	64	0,025	13	2
0,6	6	0,3	RP06006B1.3_FC	0,9	6,0	64	0,025	15	2
0,6	6	0,3	RP06006B1.4_FC	0,9	8,0	64	0,025	15	2
0,6	6	0,3	RP06006B1.5_FC	0,9	10,0	64	0,025	15	2
0,8	6	0,4	RP06008B1.5_FC	1,2	1,2	64		10	2
0,8	6	0,4	RP06008B1.55_FC	1,2	2,5	64	0,025	11	2
0,8	6	0,4	RP06008B1.6_FC	1,2	5,0	64	0,025	13	2
0,8	6	0,4	RP06008B1.7_FC	1,2	8,0	64	0,025	15	2
0,8	6	0,4	RP06008B1.8_FC	1,2	10,0	64	0,025	15	2
1,0	6	0,5	RP0601B1.9_FC	1,5	1,5	64		10	2
1,0	6	0,5	RP0601B1.95_FC	1,5	4,0	64	0,025	12	2
1,0	6	0,5	RP0601B2_FC	1,5	6,0	64	0,025	14	2
1,0	6	0,5	RP0601B2.1_FC	1,5	10,0	64	0,025	15	2
1,0	6	0,5	RP0601B2.2_FC	1,5	15,0	64	0,025	15	2
1,0	6	0,5	RP0601B2.3_FC	1,5	20,0	64	0,025	15	2
1,0	6	0,5	RP0601B2.4_FC	1,5	25,0	64	0,025	15	2
1,2	6	0,6	RP06012B2.3_FC	1,8	1,8	64		10	2
1,2	6	0,6	RP06012B2.34_FC	1,8	4,0	64	0,025	11	2
1,2	6	0,6	RP06012B2.37_FC	1,8	6,0	64	0,025	14	2
1,2	6	0,6	RP06012B2.4_FC	1,8	8,0	64	0,025	15	2
1,2	6	0,6	RP06012B2.5_FC	1,8	12,0	64	0,025	15	2
1,2	6	0,6	RP06012B2.6_FC	1,8	16,0	64	0,025	15	2
1,5	6	0,75	RP06015B2.9_FC	2,3	2,3	64		10	2
1,5	6	0,75	RP06015B2.95_FC	2,3	6,0	64	0,025	13	2
1,5	6	0,75	RP06015B3_FC	2,3	10,0	64	0,025	15	2
1,5	6	0,75	RP06015B3.1_FC	2,3	15,0	64	0,025	15	2
1,5	6	0,75	RP06015B3.2_FC	2,3	20,0	64	0,025	15	2
1,5	6	0,75	RP06015B3.3_FC	2,3	25,0	64	0,025	15	2
2,0	6	1,0	RP0602B2.9_FC	3,0	3,0	64		9	2
2,0	6	1,0	RP0602B2.95_FC	3,0	6,0	64	0,05	11	2
2,0	6	1,0	RP0602B3_FC	3,0	10,0	64	0,05	15	2

D mm	d mm	R mm	Part Number	l mm	l ₂ mm	L mm	a mm	ν °	No. of Flutes
2,0	6	1,0	RP0602B3.1_FC	3,0	16,0	64	0,05	15	2
2,0	6	1,0	RP0602B3.2_FC	3,0	20,0	64	0,05	15	2
2,0	6	1,0	RP0602B3.3_FC	3,0	25,0	64	0,05	15	2
2,0	6	1,0	RP0602B3.4_FC	3,0	30,0	64	0,05	15	2
2,5	6	1,25	RP06025B2.9_FC	3,0	3,0	64		8	2
2,5	6	1,25	RP06025B2.95_FC	3,0	6,0	64	0,05	10	2
2,5	6	1,25	RP06025B3_FC	3,0	10,0	64	0,05	15	2
2,5	6	1,25	RP06025B3.1_FC	3,0	16,0	64	0,05	15	2
2,5	6	1,25	RP06025B3.2_FC	3,0	20,0	64	0,05	15	2
2,5	6	1,25	RP06025B3.3_FC	3,0	25,0	64	0,05	15	2
3,0	6	1,5	RP0603B2.9_FC	3,0	3,0	64		7	2
3,0	6	1,5	RP0603B2.95_FC	3,0	6,0	64	0,05	9	2
3,0	6	1,5	RP0603B3_FC	3,0	10,0	64	0,05	14	2
3,0	6	1,5	RP0603B3.1_FC	3,0	16,0	64	0,05	15	2
3,0	6	1,5	RP0603B3.2_FC	3,0	20,0	64	0,05	15	2
3,0	6	1,5	RP0603B3.3_FC	3,0	25,0	64	0,05	15	2
3,0	6	1,5	RP0603B3.4_FC	3,0	30,0	64	0,05	15	2

Two Flute, with Corner Radius

FC

TiAlN coated

Super Micrograin Carbide

Tolerance

D 1,0 - 3,0 -0,002 / -0,012

D 4,0 - 6,0 -0,004 / -0,016

D 7,0 - 10,0 -0,005 / -0,020

D 11,0 - 18,0 -0,006 / -0,024

Shank

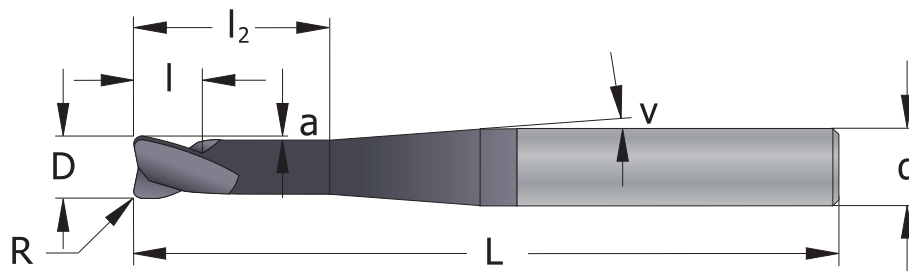
Cylindrical h5, DIN6535 HA

Flute

30° right hand spiral, center cutting

Field of application

High speed cutting in steel



D mm	d mm	R mm	Part Number	l mm	l ₂ mm	L mm	a mm	v °	No. of Flutes
1,5	6	0,3	MH06015B2R03L64_FC	2	5	64	0,05	7,0	2
1,5	6	0,3	MH06015B2.1R03L64_FC	2	10	64	0,05	9,0	2
2,0	6	0,5	MH0602B3R05L64_FC	3	5	64	0,05	6,0	2
2,0	6	0,5	MH0602B3.1R05L64_FC	3	10	64	0,05	8,0	2
2,0	6	0,5	MH0602B3R05L78_FC	3	15	78	0,05	5,0	2
3,0	6	0,5	MH0603B4R05L64_FC	4	7	64	0,05	5,0	2
3,0	6	0,5	MH0603B4R05L78_FC	4	15	78	0,05	4,0	2
4,0	6	0,5	MH0604B5R05L64_FC	5	8	64	0,1	4,0	2
4,0	6	0,5	MH0604B5R05L78_FC	5	15	78	0,1	2,5	2
4,0	6	1,0	MH0604B5R10L64_FC	5	8	64	0,1	4,0	2
4,0	6	1,0	MH0604B5R10L78_FC	5	15	78	0,1	2,5	2
5,0	6	0,5	MH0605B5R05L64_FC	5	10	64	0,15	2,5	2
5,0	6	0,5	MH0605B5R05L78_FC	5	20	78	0,15	2,0	2
5,0	6	1,0	MH0605B5R10L64_FC	5	10	64	0,15	2,5	2
5,0	6	1,0	MH0605B5R10L78_FC	5	20	78	0,15	2,0	2
6,0	6	0,5	MH0606B6R05L64_FC	6	25	64	0,2		2
6,0	6	0,5	MH0606B6R05L78_FC	6	35	78	0,2		2
6,0	8	0,5	MH0806B6R05L100_FC	6	25	100	0,2	2,0	2
6,0	6	1,0	MH0606B6R10L64_FC	6	25	64	0,2		2
6,0	6	1,0	MH0606B6R10L78_FC	6	35	78	0,2		2
6,0	8	1,0	MH0806B6R10L100_FC	6	25	100	0,2		2
6,0	6	1,5	MH0606B6R15L64_FC	6	25	64	0,2		2
6,0	6	1,5	MH0606B6R15L78_FC	6	35	78	0,2		2
6,0	8	1,5	MH0806B6R15L100_FC	6	25	100	0,2	2,0	2
8,0	8	0,5	MH0808B8R05L64_FC	8	25	64	0,3		2
8,0	8	0,5	MH0808B8R05L78_FC	8	25	78	0,3		2
8,0	8	1,0	MH0808B8R10L64_FC	8	25	64	0,3		2
8,0	8	1,0	MH0808B8R10L78_FC	8	35	78	0,3		2
8,0	8	1,0	MH0808B8R10L100_FC	8	50	100	0,3		2
8,0	8	2,0	MH0808B8R20L64_FC	8	25	64	0,3		2
8,0	8	2,0	MH0808B8R20L78_FC	8	35	78	0,3		2
8,0	8	2,0	MH0808B8R20L100_FC	8	50	100	0,3		2
8,0	10	1,0	MH1008B8R10L120_FC	8	30	120	0,3	1,5	2
8,0	10	2,0	MH1008B8R20L120_FC	8	30	120	0,3	1,5	2
10,0	10	0,5	MH1010B10R05L78_FC	10	35	78	0,3		2
10,0	10	1,0	MH1010B10R10L100_FC	10	55	100	0,3		2
10,0	10	2,0	MH1010B10R20L78_FC	10	35	78	0,3		2
10,0	10	2,0	MH1010B10R20L100_FC	10	55	100	0,3		2
10,0	12	2,0	MH1210B10R20L120_FC	10	30	120	0,3	1,5	2
12,0	12	0,5	MH1212B12R05L78_FC	12	35	78	0,3		2
12,0	12	1,0	MH1212B12R10L100_FC	12	55	100	0,3		2
12,0	12	2,0	MH1212B12R20L78_FC	12	35	78	0,3		2
12,0	12	2,0	MH1212B12R20L100_FC	12	55	100	0,3		2
12,0	16	2,0	MH1612B12R20L120_FC	12	40	120	0,3	4,5	2
16,0	16	3,5	MH1616B20R35L100_FC	20	50	100	0,3		2
16,0	16	3,5	MH1616B20R35L150_FC	20	100	150	0,3		2

Four Flute, with Corner Radius

FC

TiAlN coated

Super Micrograin Carbide

Tolerance

D 1,0 - 3,0 -0,002 / -0,012

D 4,0 - 6,0 -0,004 / -0,016

D 7,0 - 10,0 -0,005 / -0,020

D 11,0 - 18,0 -0,006 / -0,024

Shank

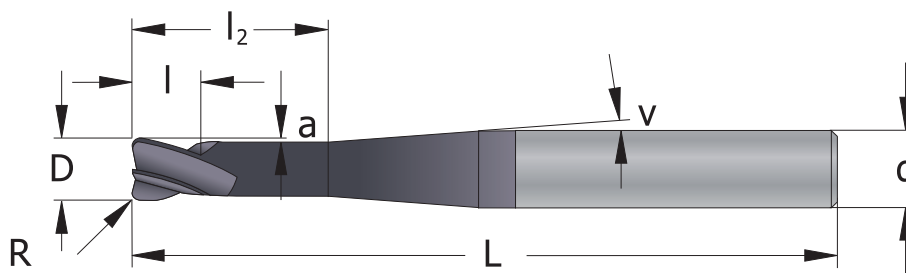
Cylindrical h5, DIN6535 HA

Flute

30° right hand spiral, center cutting

Field of application

High speed cutting in steel



D mm	d mm	R mm	Part Number	l mm	l ₂ mm	L mm	a mm	v °	No. of Flutes
6,0	6	0,5	MH0606D6R05L64_FC	6	25	64	0,2		4
6,0	6	0,5	MH0606D6R05L78_FC	6	35	78	0,2		4
6,0	6	1,0	MH0606D6R10L64_FC	6	25	64	0,2		4
6,0	6	1,5	MH0606D6R15L64_FC	6	25	64	0,2		4
6,0	6	1,5	MH0606D6R15L78_FC	6	35	78	0,2		4
6,0	8	0,5	MH0806D6R05L100_FC	6	25	100	0,2	2,0	4
6,0	8	1,5	MH0806D6R15L100_FC	6	25	100	0,2	2,0	4
8,0	8	0,5	MH0808D8R05L64_FC	8	25	64	0,3		4
8,0	8	0,5	MH0808D8R05L78_FC	8	25	78	0,3		4
8,0	8	1,0	MH0808D8R10L64_FC	8	25	64	0,3		4
8,0	8	1,0	MH0808D8R10L78_FC	8	35	78	0,3		4
8,0	8	1,0	MH0808D8R10L100_FC	8	50	100	0,3		4
8,0	8	2,0	MH0808D8R20L64_FC	8	25	64	0,3		4
8,0	8	2,0	MH0808D8R20L78_FC	8	35	78	0,3		4
8,0	8	2,0	MH0808D8R20L100_FC	8	50	100	0,3		4
8,0	10	1,0	MH1008D8R10L120_FC	8	30	120	0,3	1,5	4
8,0	10	2,0	MH1008D8R20L120_FC	8	30	120	0,3	1,5	4
10,0	10	0,5	MH1010D10R05L78_FC	10	35	78	0,3		4
10,0	10	1,0	MH1010D10R10L100_FC	10	55	100	0,3		4
10,0	10	2,0	MH1010D10R20L78_FC	10	35	78	0,3		4
10,0	10	2,0	MH1010D10R20L100_FC	10	55	100	0,3		4
10,0	12	2,0	MH1210D10R20L120_FC	10	30	120	0,3	1,5	4
12,0	12	0,5	MH1212D12R05L78_FC	12	35	78	0,3		4
12,0	12	1,0	MH1212D12R10L100_FC	12	55	100	0,3		4
12,0	12	2,0	MH1212D12R20L78_FC	12	35	78	0,3		4
12,0	12	2,0	MH1212D12R20L100_FC	12	55	100	0,3		4
12,0	16	2,0	MH1612D12R20L120_FC	12	40	120	0,3	4,5	4
16,0	16	3,5	MH1616D20R35L100_FC	20	50	100	0,3		4
16,0	16	3,5	MH1616D20R35L150_FC	20	100	150	0,3		4

Two Flute, with Ball Nose

FC

TiAlN coated

Super Micrograin Carbide

Tolerance

D 1,0 - 3,0 -0,002 / -0,012

D 4,0 - 6,0 -0,004 / -0,016

D 7,0 - 10,0 -0,005 / -0,020

D 11,0 - 18,0 -0,006 / -0,024

Shank

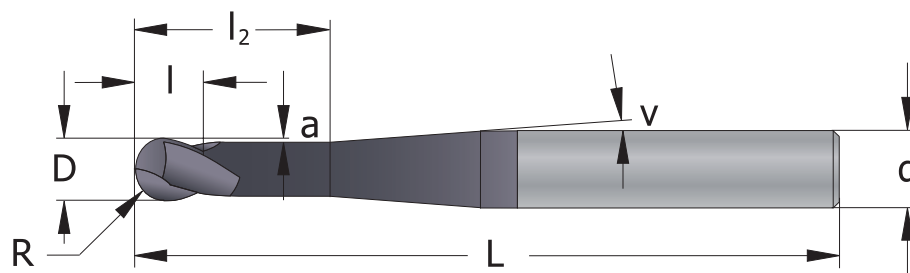
Cylindrical h5, DIN6535 HA

Flute

30° right hand spiral

Field of application

High speed cutting in steel



D mm	d mm	R mm	Part Number	l mm	l ₂ mm	L mm	a mm	v °	No. of Flutes
1,0	6	0,5	RH0601B2L64_FC	2	4	64	0,05	7,0	2
1,5	6	0,75	RH06015B2L64_FC	2	4	64	0,05	6,5	2
2,0	6	1,0	RH0602B3L64_FC	3	5	64	0,05	6,0	2
2,0	6	1,0	RH0602B3L78_FC	3	15	78	0,05	5,0	2
3,0	6	1,5	RH0603B4L64_FC	4	7	64	0,05	5,0	2
3,0	6	1,5	RH0603B4L78_FC	4	15	78	0,05	4,0	2
4,0	6	2,0	RH0604B5L64_FC	5	8	64	0,1	4,0	2
4,0	6	2,0	RH0604B5L78_FC	5	15	78	0,1	2,5	2
5,0	6	2,5	RH0605B5L64_FC	5	10	64	0,15	2,5	2
5,0	6	2,5	RH0605B5L78_FC	5	20	78	0,15	2,0	2
6,0	6	3,0	RH0606B6L64_FC	6	25	64	0,2		2
6,0	6	3,0	RH0606B6L78_FC	6	35	78	0,2		2
6,0	8	3,0	RH0806B6L100_FC	6	25	100	0,2	2,0	2
6,0	8	3,0	RH0806B6L150_FC	6	15	150	0,2	1,5	2
8,0	8	4,0	RH0808B8L64_FC	8	25	64	0,3		2
8,0	8	4,0	RH0808B8L78_FC	8	35	78	0,3		2
8,0	8	4,0	RH0808B8L100_FC	8	50	100	0,3		2
8,0	10	4,0	RH1008B8L120_FC	8	30	120	0,3	1,5	2
8,0	10	4,0	RH1008B8L150_FC	8	20	150	0,3	1,5	2
10,0	10	5,0	RH1010B10L78_FC	10	35	78	0,3		2
10,0	10	5,0	RH1010B10L100_FC	10	55	100	0,3		2
10,0	12	5,0	RH1210B10L100_FC	10	30	100	0,3	3,5	2
10,0	12	5,0	RH1210B10L120_FC	10	30	120	0,3	1,5	2
10,0	12	5,0	RH1210B10L150_FC	10	25	150	0,3	1,5	2
12,0	12	6,0	RH1212B12L78_FC	12	35	78	0,3		2
12,0	12	6,0	RH1212B12L100_FC	12	55	100	0,3		2
12,0	16	6,0	RH1612B12L120_FC	12	40	120	0,3	4,5	2
12,0	16	6,0	RH1612B12L150_FC	12	30	150	0,3	2,0	2
16,0	16	8,0	RH1616B20L100_FC	20	50	100	0,3		2
16,0	16	8,0	RH1616B20L150_FC	20	100	150	0,3		2

Four Flute, with Ball Nose

FC

TiAlN coated

Super Micrograin Carbide

Tolerance

D 1,0 - 3,0 -0,002 / -0,012

D 4,0 - 6,0 -0,004 / -0,016

D 7,0 - 10,0 -0,005 / -0,020

D 11,0 - 18,0 -0,006 / -0,024

Shank

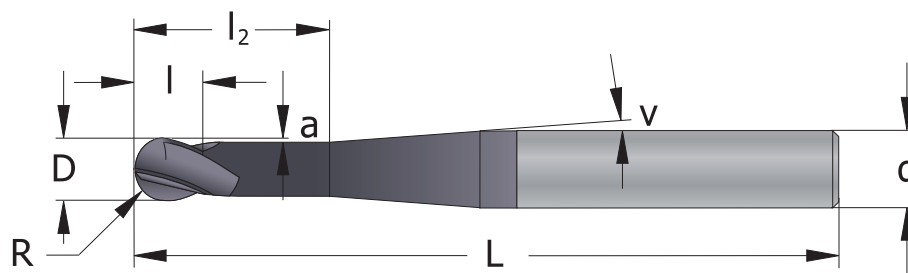
Cylindrical h5, DIN6535 HA

Flute

30° right hand spiral

Field of application

High speed cutting in steel



D mm	d mm	R mm	Part Number	l mm	l ₂ mm	L mm	a mm	v °	No. of Flutes
6,0	6	3,0	RH0606D6L64_FC	6	25	64	0,2		4
6,0	6	3,0	RH0606D6L78_FC	6	35	78	0,2		4
6,0	8	3,0	RH0806D6L100_FC	6	25	100	0,2	2,0	4
8,0	8	4,0	RH0808D8L64_FC	8	25	64	0,3		4
8,0	8	4,0	RH0808D8L78_FC	8	35	78	0,3		4
8,0	8	4,0	RH0808D8L100_FC	8	50	100	0,3		4
8,0	10	4,0	RH1008D8L120_FC	8	30	120	0,3	1,5	4
10,0	10	5,0	RH1010D10L78_FC	10	35	78	0,3		4
10,0	10	5,0	RH1010D10L100_FC	10	55	100	0,3		4
10,0	12	5,0	RH1210D10L120_FC	10	30	120	0,3	1,5	4
12,0	12	6,0	RH1212D12L78_FC	12	35	78	0,3		4
12,0	12	6,0	RH1212D12L100_FC	12	55	100	0,3		4
12,0	16	6,0	RH1612D12L120_FC	12	40	120	0,3	4,5	4
16,0	16	8,0	RH1616D20L100_FC	20	50	100	0,3		4
16,0	16	8,0	RH1616D20L150_FC	20	100	150	0,3		4

Micro, Two Flute

DC

Diamond coated
Micrograin Carbide

Tolerance

D 0,3 - 3,0 -0,002 / -0,012

Shank

Cylindrical h5, DIN6535 HA

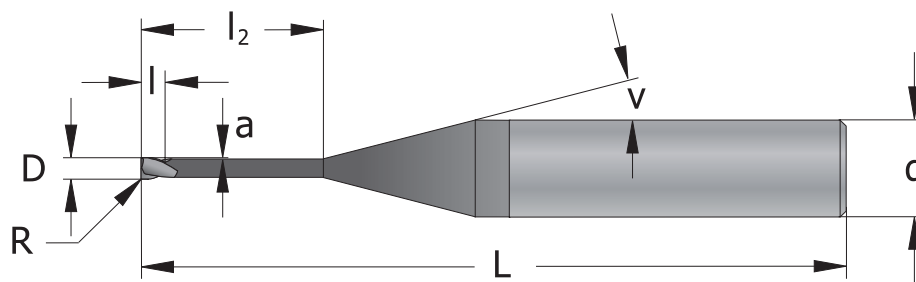
Flute

40° right hand spiral

Center cutting

Field of application

Graphite



D mm	d mm	R mm	Part Number	l mm	l ₂ mm	L mm	a mm	v °	No. of Flutes
0,3	6	0,05	MG06003B1_DC	1,0	1,0	64		7	2
0,3	6	0,05	MG06003B1.4_DC	1,5	2,5	64	0,01	7	2
0,3	6	0,05	MG06003B1.5_DC	1,5	5,0	64	0,01	8	2
0,4	6	0,05	MG06004B1_DC	1,0	1,0	64		7	2
0,4	6	0,05	MG06004B1.4_DC	1,5	2,5	64	0,01	7	2
0,4	6	0,05	MG06004B1.5_DC	1,5	5,0	64	0,01	8	2
0,5	6	0,05	MG06005B1.3_DC	1,5	1,5	64		7	2
0,5	6	0,05	MG06005B1.4_DC	1,5	3,5	64	0,01	7	2
0,5	6	0,05	MG06005B1.5_DC	1,5	7,0	64	0,01	9	2
0,5	6	0,05	MG06005B1.6_DC	1,5	10,0	64	0,01	10	2
0,6	6	0,05	MG06006B1.8_DC	1,5	1,5	64		6	2
0,6	6	0,05	MG06006B1.9_DC	2,0	3,5	64	0,025	7	2
0,6	6	0,05	MG06006B2_DC	2,0	7,0	64	0,025	9	2
0,6	6	0,05	MG06006B2.1_DC	2,0	10,0	64	0,025	10	2
0,8	6	0,05	MG06008B1.8_DC	2,0	2,0	64		6	2
0,8	6	0,05	MG06008B1.9_DC	2,0	5,0	64	0,025	8	2
0,8	6	0,05	MG06008B1.95_DC	2,0	7,5	64	0,025	9	2
0,8	6	0,05	MG06008B2_DC	2,0	10,0	64	0,025	10	2
0,8	6	0,05	MG06008B2.1_DC	2,0	15,0	64	0,025	14	2
1,0	6	0,05	MG0601B2.5_DC	2,5	2,5	64		6	2
1,0	6	0,05	MG0601B2.9_DC	3,0	5,0	64	0,025	7	2
1,0	6	0,05	MG0601B2.95_DC	3,0	7,5	64	0,025	8	2
1,0	6	0,05	MG0601B3_DC	3,0	10,0	64	0,025	10	2
1,0	6	0,05	MG0601B3.1_DC	3,0	15,0	64	0,025	13	2
1,2	6	0,05	MG06012B2.9_DC	3,0	5,0	64	0,025	7	2
1,2	6	0,05	MG06012B3_DC	3,0	10,0	64	0,025	9	2
1,5	6	0,05	MG06015B2.9_DC	3,0	5,0	64	0,025	7	2
1,5	6	0,05	MG06015B2.95_DC	3,0	7,5	64	0,025	8	2
1,5	6	0,05	MG06015B3_DC	3,0	10,0	64	0,025	9	2
1,5	6	0,05	MG06015B3.1_DC	3,0	15,0	64	0,025	12	2
1,5	6	0,05	MG06015B3.2_DC	3,0	20,0	64	0,025	15	2

Diamond Coating: Superior Wear Resistance and Tool Life

Diamond Coated End Mills offer an unmatched level of wear resistance and durability, ideal for machining abrasive materials such as graphite. The diamond coating extends tool life by reducing friction and heat generation, ensuring consistent performance even in demanding conditions.

Micro, Two Flute, with Ball Nose

DC

Diamond coated
Micrograin Carbide

Tolerance

D 0,3 - 3,0 -0,002 / -0,012

Shank

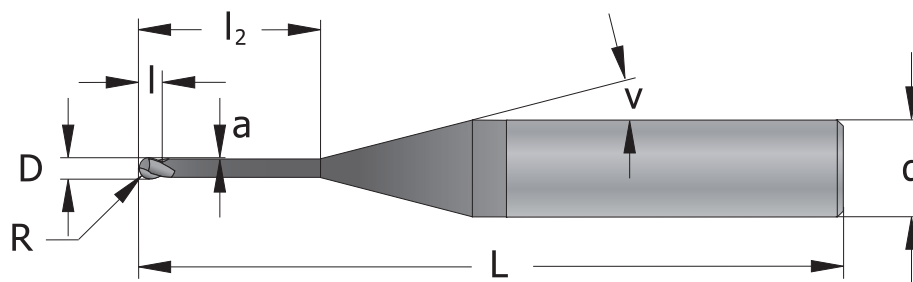
Cylindrical h5, DIN6535 HA

Flute

40° right hand spiral

Field of application

Graphite



D mm	d mm	R mm	Part Number	l mm	l ₂ mm	L mm	a mm	v °	No. of Flutes
0,3	6	0,15	RG06003B1_DC	1,0	1,0	64		7	2
0,3	6	0,15	RG06003B1.4_DC	1,5	2,5	64	0,01	7	2
0,3	6	0,15	RG06003B1.5_DC	1,5	5,0	64	0,01	8	2
0,4	6	0,2	RG06004B1_DC	1,0	1,0	64		7	2
0,4	6	0,2	RG06004B1.4_DC	1,5	2,5	64	0,01	7	2
0,4	6	0,2	RG06004B1.5_DC	1,5	5,0	64	0,01	8	2
0,5	6	0,25	RG06005B1.3_DC	1,5	1,5	64		7	2
0,5	6	0,25	RG06005B1.4_DC	1,5	3,5	64	0,01	7	2
0,5	6	0,25	RG06005B1.5_DC	1,5	7,0	64	0,01	9	2
0,5	6	0,25	RG06005B1.6_DC	1,5	10,0	64	0,01	10	2
0,6	6	0,3	RG06006B1.8_DC	1,5	1,5	64		6	2
0,6	6	0,3	RG06006B1.9_DC	2,0	3,5	64	0,025	7	2
0,6	6	0,3	RG06006B2_DC	2,0	7,0	64	0,025	9	2
0,6	6	0,3	RG06006B2.1_DC	2,0	10,0	64	0,025	10	2
0,8	6	0,4	RG06008B1.8_DC	2,0	2,0	64		6	2
0,8	6	0,4	RG06008B1.9_DC	2,0	5,0	64	0,025	8	2
0,8	6	0,4	RG06008B1.95_DC	2,0	7,5	64	0,025	9	2
0,8	6	0,4	RG06008B2_DC	2,0	10,0	64	0,025	10	2
0,8	6	0,4	RG06008B2.1_DC	2,0	15,0	64	0,025	14	2
1,0	6	0,5	RG0601B2.5_DC	2,5	2,5	64		6	2
1,0	6	0,5	RG0601B2.9_DC	3,0	5,0	64	0,025	7	2
1,0	6	0,5	RG0601B2.95_DC	3,0	7,5	64	0,025	8	2
1,0	6	0,5	RG0601B3_DC	3,0	10,0	64	0,025	10	2
1,0	6	0,5	RG0601B3.1_DC	3,0	15,0	64	0,025	13	2
1,2	6	0,6	RG06012B2.9_DC	3,0	5,0	64	0,025	7	2
1,2	6	0,6	RG06012B3_DC	3,0	10,0	64	0,025	9	2
1,5	6	0,75	RG06015B2.9_DC	3,0	5,0	64	0,025	7	2
1,5	6	0,75	RG06015B2.95_DC	3,0	7,5	64	0,025	8	2
1,5	6	0,75	RG06015B3_DC	3,0	10,0	64	0,025	9	2
1,5	6	0,75	RG06015B3.1_DC	3,0	15,0	64	0,025	12	2
1,5	6	0,75	RG06015B3.2_DC	3,0	20,0	64	0,025	15	2

Three Flute, with Corner Radius

DC

Diamond coated
Micrograin Carbide

Tolerance

D 1,0 - 3,0 -0,002 / -0,012

D 4,0 - 6,0 -0,004 / -0,016

D 7,0 - 10,0 -0,005 / -0,020

D 11,0 - 18,0 -0,006 / -0,024

Shank

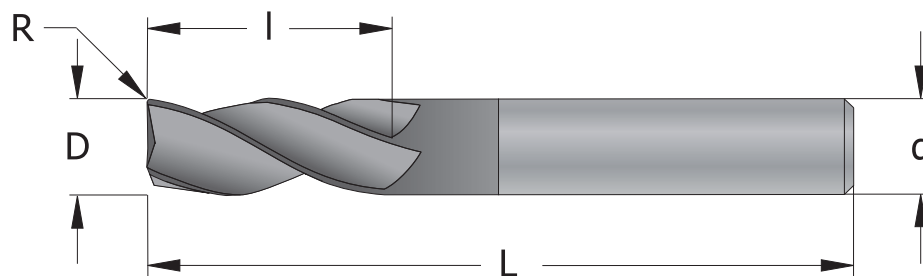
Cylindrical h5, DIN6535 HA

Flute

40° right hand spiral, center cutting

Field of application

Graphite



D mm	d mm	R mm	Part Number	l mm	L mm	No. of Flutes
2,0	3	0,1	MG0302C10_DC	10	50	3
3,0	3	0,1	MG0303C10_DC	10	50	3
4,0	4	0,2	MG0404C15_DC	15	60	3
5,0	5	0,2	MG0505C20_DC	20	60	3
6,0	6	0,3	MG0606C30_DC	30	78	3
8,0	8	0,3	MG0808C30_DC	30	78	3
10,0	10	0,3	MG1010C30_DC	30	78	3
12,0	12	0,3	MG1212C30_DC	30	89	3

Two Flute, with Corner Radius, Long Shank

DC

Diamond coated
Micrograin Carbide

Tolerance

D 1,0 - 3,0 -0,002 / -0,012

D 4,0 - 6,0 -0,004 / -0,016

D 7,0 - 10,0 -0,005 / -0,020

D 11,0 - 18,0 -0,006 / -0,024

Shank

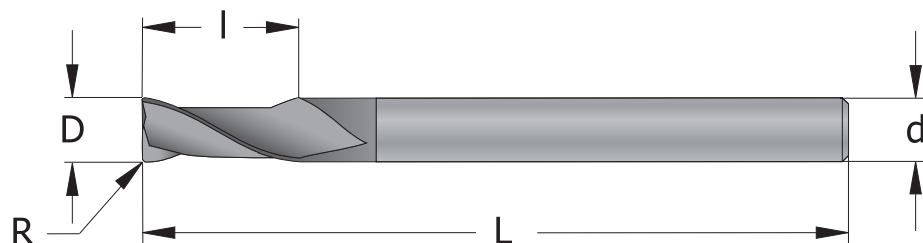
Cylindrical h5, DIN6535 HA

Flute

40° right hand spiral, center cutting

Field of application

Graphite



D mm	d mm	R mm	Part Number	l mm	L mm	No. of Flutes
4,0	4	0,3	MG0404B10L100_DC	10	100	2
5,0	5	0,5	MG0505B13L100_DC	13	100	2
6,0	6	0,5	MG0606B42L100_DC	42	100	2
6,0	6	0,5	MG0606B26L150_DC	26	150	2
8,0	8	0,5	MG0808B41L150_DC	41	150	2
10,0	10	0,5	MG1010B42L150_DC	42	150	2

DC

Diamond coated
Micrograin Carbide

Tolerance

D 1,0 - 3,0 -0,002 / -0,012

D 4,0 - 6,0 -0,004 / -0,016

D 7,0 - 10,0 -0,005 / -0,020

D 11,0 - 18,0 -0,006 / -0,024

Shank

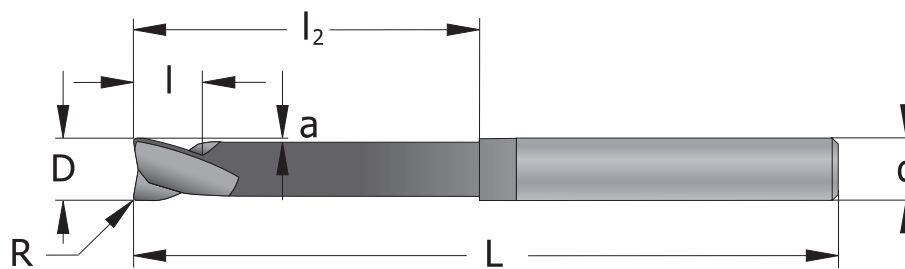
Cylindrical h5, DIN6535 HA

Flute

40° right hand spiral, center cutting

Field of application

Graphite



D mm	d mm	R mm	Part Number	l mm	l ₂ mm	L mm	a mm	No. of Flutes
2,0	3	0,1	MG0302B3_DC	3	10	50	0,1	2
3,0	6	0,1	MG0603B4_DC	4	10	50	0,1	2
4,0	6	0,2	MG0604D4_DC	4	10	50	0,1	4
5,0	6	0,2	MG0605D5_DC	5	10	50	0,15	4
6,0	6	0,3	MG0606D6_DC	6	10	50	0,2	4
8,0	8	0,3	MG0808D8_DC	8	15	64	0,3	4
10,0	10	0,3	MG1010D10_DC	10	20	78	0,3	4
12,0	12	0,3	MG1212D10_DC	10	20	78	0,3	4

Three Flute, with Ball Nose

DC

Diamond coated
Micrograin Carbide

Tolerance

D 1,0 - 3,0 -0,002 / -0,012

D 4,0 - 6,0 -0,004 / -0,016

D 7,0 - 10,0 -0,005 / -0,020

D 11,0 - 18,0 -0,006 / -0,024

Shank

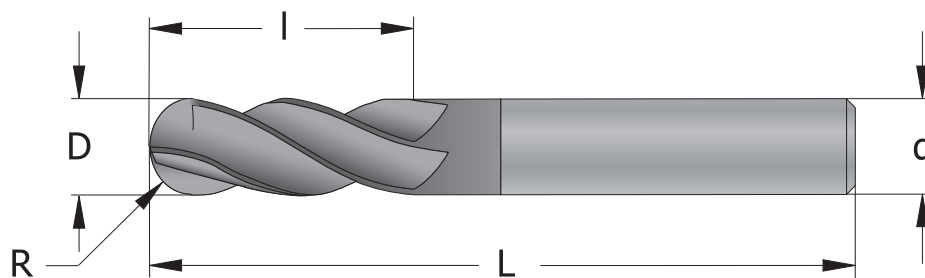
Cylindrical h5, DIN6535 HA

Flute

40° right hand spiral

Field of application

Graphite



D mm	d mm	R mm	Part Number	l mm	L mm	No. of Flutes
2,0	3	1,0	RG0302C10_DC	10	50	3
3,0	3	1,5	RG0303C10_DC	10	50	3
4,0	4	2,0	RG0404C15_DC	15	60	3
5,0	5	2,5	RG0505C20_DC	20	60	3
6,0	6	3,0	RG0606C30_DC	30	78	3
8,0	8	4,0	RG0808C30_DC	30	78	3
10,0	10	5,0	RG1010C30_DC	30	78	3
12,0	12	6,0	RG1212C30_DC	30	89	3

Two Flute, with Ball Nose, Long Shank

DC

Diamond coated
Micrograin Carbide

Tolerance

D 1,0 - 3,0 -0,002 / -0,012

D 4,0 - 6,0 -0,004 / -0,016

D 7,0 - 10,0 -0,005 / -0,020

D 11,0 - 18,0 -0,006 / -0,024

Shank

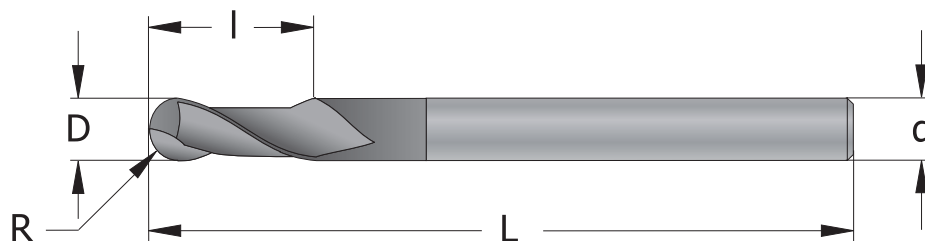
Cylindrical h5, DIN6535 HA

Flute

40° right hand spiral

Field of application

Graphite



D mm	d mm	R mm	Part Number	l mm	L mm	No. of Flutes
2,0	3	1,0	RG0302B6L100_DC	6	100	2
3,0	3	1,5	RG0303B16L100_DC	16	100	2
4,0	4	2,0	RG0404B16L100_DC	16	100	2
6,0	6	3,0	RG0606B42L100_DC	42	100	2
6,0	6	3,0	RG0606B42L150_DC	42	150	2
8,0	8	4,0	RG0808B42L100_DC	42	100	2
8,0	8	4,0	RG0808B42L150_DC	42	150	2
10,0	10	5,0	RG1010B45L150_DC	45	150	2

DC

Diamond coated
Micrograin Carbide

Tolerance

D 1,0 - 3,0 -0,002 / -0,012

D 4,0 - 6,0 -0,004 / -0,016

D 7,0 - 10,0 -0,005 / -0,020

D 11,0 - 18,0 -0,006 / -0,024

Shank

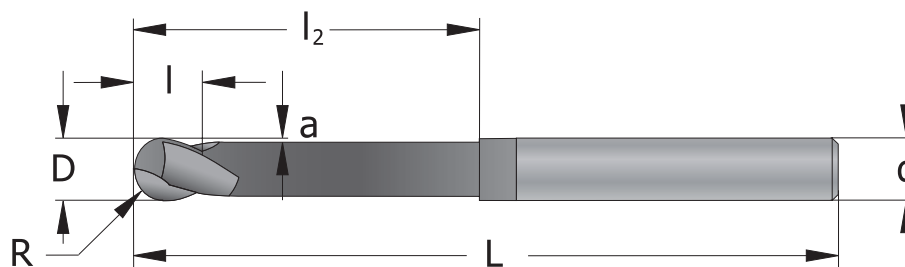
Cylindrical h5, DIN6535 HA

Flute

40° right hand spiral

Field of application

Graphite



D mm	d mm	R mm	Part Number	l mm	l ₂ mm	L mm	a mm	No. of Flutes
2,0	3	1,0	RG0302B3_DC	3	10	50	0,1	2
3,0	6	1,5	RG0603B4_DC	4	10	50	0,1	2
4,0	6	2,0	RG0604D4_DC	4	10	50	0,1	4
5,0	6	2,5	RG0605D5_DC	5	10	50	0,15	4
6,0	6	3,0	RG0606D6_DC	6	10	50	0,2	4
8,0	8	4,0	RG0808D8_DC	8	15	64	0,3	4
10,0	10	5,0	RG1010D10_DC	10	20	78	0,3	4
12,0	12	6,0	RG1212D10_DC	10	20	78	0,3	4