

## FRESE ELICOIDALI POSITIVE

HW Solid carbide spiral router bit

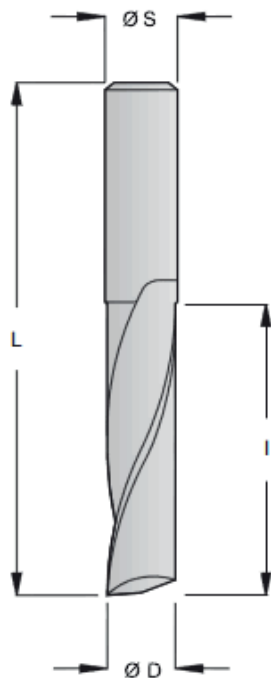
VHM Vollhartmetallfräser

HW Fresas helicoidales integral

Фрезы твердосплавные со спиральной режущей кромкой позитивные

# HW

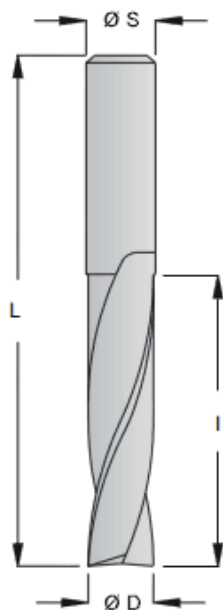
## SOLID CARBIDE



**Z=1**

Ø D	L	I	POS.
3	50	12	FE1.3-50/12.P
4	50	12	FE1.4-50/12.P
5	50	17	FE1.5-50/17.P
6	60	17	FE1.6-60/17.P
6	60	27	FE1.6-60/27.P
8	80	22	FE1.8-80/22.P
8	80	32	FE1.8/80/32.P
10	80	32	FE1.10-80/32.P
10	100	42	FE1.10-100/42.P
12	80	32	FE1.12-80/32.P
12	100	42	FE1.12-100/42.P
12	100	52	FE1.12-100/52.P

**Z=2**



Ø D	L	I	POS.
3	50	12	FE2.3-50/12.P
4	50	12	FE2.4-50/12.P
5	50	17	FE2.5-50/17.P
6	60	17	FE2.6-60/17.P
6	60	27	FE2.6-60/27.P
8	80	22	FE2.8-80/22.P
8	80	32	FE2.8-80/32.P
10	80	32	FE2.10-80/32.P
10	100	42	FE2.10-100/42.P
12	80	32	FE2.12-80/32.P
12	100	42	FE2.12-100/42.P
12	100	52	FE2.12-100/52.P
14	100	42	FE2.14-100/42.P
14	100	52	FE2.14-100/52.P
16	100	42	FE2.16-100/42.P
16	100	52	FE2.16-100/52.P
16	120	72	FE2.16-120/72.P
18	100	52	FE2.18-100/52.P
18	120	72	FE2.18-120/72.P
18	150	102	FE2.18-150/102.P
20	100	52	FE2.20-100/52.P
20	120	72	FE2.20-120/72.P
20	150	102	FE2.20-150/102.P

## FRESE ELICOIDALI POSITIVE

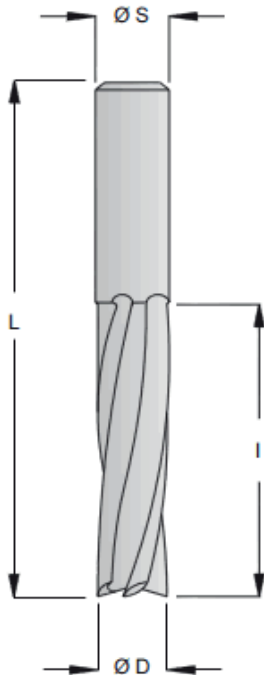
HW Solid carbide spiral router bit

VHM Vollhartmetallfräser

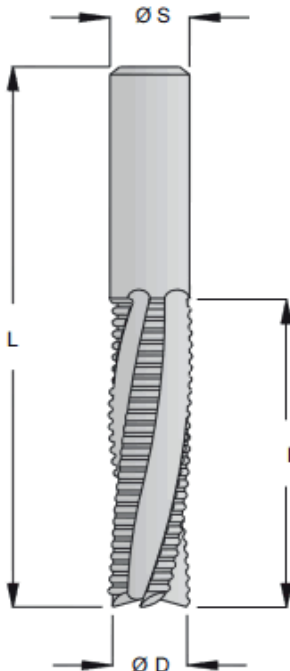
HW Fresas helicoidales integral

Фрезы твердосплавные со спиральной режущей кромкой позитивные

**Z=3**



**Z=3**



# HW

## SOLID CARBIDE

Ø D	L	I	POS.
8	80	22	FE3.8-80/22.P
8	80	32	FE3.8-80/32.P
10	80	32	FE3.10-80/22.P
10	100	42	FE3.10-100/42.P
12	80	32	FE3.12-80/32.P
12	100	42	FE3.12-100/42.P
12	100	52	FE3.12-100/52.P
14	100	42	FE3.14-100/42.P
14	100	52	FE3.14-100/52.P
16	100	42	FE3.16-100/42.P
16	100	52	FE3.16-100/52.P
16	120	72	FE3.16-120/72.P
18	100	52	FE3.18-100/52.P
18	120	72	FE3.18-120/72.P
18	150	102	FE3.18-150/102.P
20	100	52	FE3.20-100/52.P
20	120	72	FE3.20-120/72.P
20	150	102	FE3.20-150/102.P
25	150	102	FE3.25-150/102.P

Ø D	L	I	POS.
8	80	22	FE3R.8-80/22.P
8	80	32	FE3R.8-80/32.P
10	80	32	FE3R.10-80/32.P
10	100	42	FE3R.10-100/42.P
12	80	32	FE3R.12-80/32.P
12	100	42	FE3R.12-100/42.P
12	100	52	FE3R.12-100/52.P
14	100	42	FE3R.14-100/42.P
14	100	52	FE3R.14-100/52.P
16	100	42	FE3R.16-100/42.P
16	100	52	FE3R.16-100/52.P
16	120	72	FE3R.16-120/72.P
18	100	52	FE3R.18-100/52.P
18	120	72	FE3R.18-120/72.P
18	150	102	FE3R.18-150/102.P
20	100	52	FE3R.20-100/52.P
20	120	72	FE3R.20-120/72.P
20	150	102	FE3R.20-150/102.P
25	150	102	FE3R.25-150/102.P

## FRESE ELICOIDALI NEGATIVE

HW Solid carbide spiral router bit

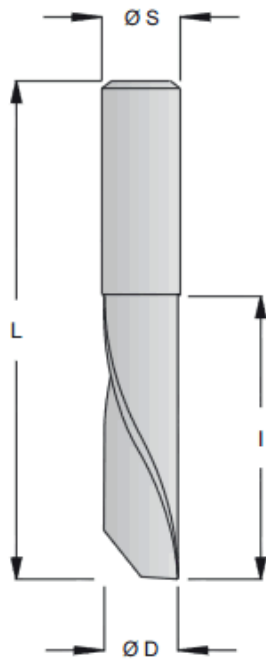
VHM Vollhartmetallfräser

HW Fresas helicoidales integral

Фрезы твердосплавные со спиральной режущей кромкой негативные

# HW

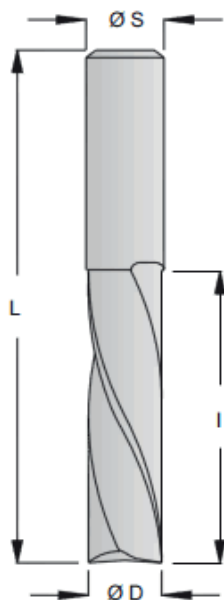
## SOLID CARBIDE



**Z=1**

Ø D	L	I	Codice
3	50	12	FE1.3-50/12.N
4	50	12	FE1.4-50/12.N
5	50	17	FE1.5-50/17.N
6	60	17	FE1.6-60/17.N
6	60	27	FE1.6-60/27.N
8	80	22	FE1.8-80/22.N
8	80	32	FE1.8/80/32.N
10	80	32	FE1.10-80/32.N
10	100	42	FE1.10-100/42.N
12	80	32	FE1.12-80/32.N
12	100	42	FE1.12-100/42.N
12	100	52	FE1.12-100/52.N

**Z=2**



Ø D	L	I	Codice
3	50	12	FE2.3-50/12.N
4	50	12	FE2.4-50/12.N
5	50	17	FE2.5-50/17.N
6	60	17	FE2.6-60/17.N
6	60	27	FE2.6-60/27.N
8	80	22	FE2.8-80/22.N
8	80	32	FE2.8-80/32.N
10	80	32	FE2.10-80/32.N
10	100	42	FE2.10-100/42.N
12	80	32	FE2.12-80/32.N
12	100	42	FE2.12-100/42.N
12	100	52	FE2.12-100/52.N
14	100	42	FE2.14-100/42.N
14	100	52	FE2.14-100/52.N
16	100	42	FE2.16-100/42.N
16	100	52	FE2.16-100/52.N
16	120	72	FE2.16-120/72.N
18	100	52	FE2.18-100/52.N
18	120	72	FE2.18-120/72.N
18	150	102	FE2.18-150/102.N
20	100	52	FE2.20-100/52.N
20	120	72	FE2.20-120/72.N
20	150	102	FE2.20-150/102.N

## FRESE ELICOIDALI NEGATIVE

HW Solid carbide spiral router bit

VHM Vollhartmetallfräser

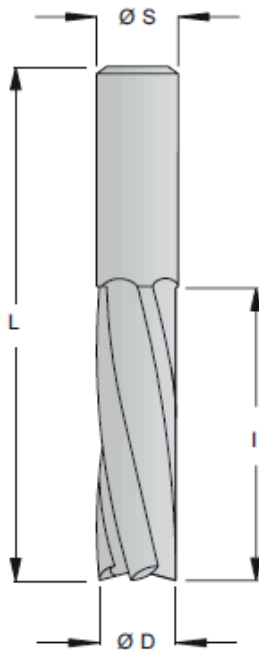
HW Fresas helicoidales integral

Фрезы твердосплавные со спиральной режущей кромкой негативные

# HW

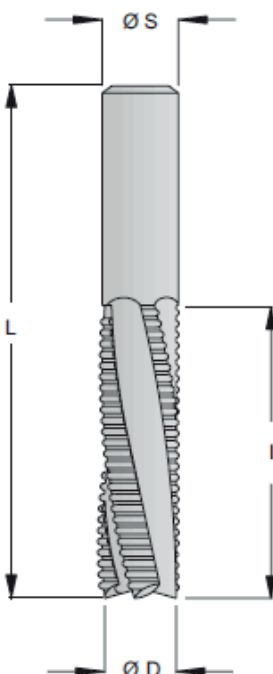
## SOLID CARBIDE

Z=3



Ø D	L	I	NEG.
8	80	22	FE3.8-80/22.N
8	80	32	FE3.8-80/32.N
10	80	32	FE3.10-80/22.N
10	100	42	FE3.10-100/42.N
12	80	32	FE3.12-80/32.N
12	100	42	FE3.12-100/42.N
12	100	52	FE3.12-100/52.N
14	100	42	FE3.14-100/42.N
14	100	52	FE3.14-100/52.N
16	100	42	FE3.16-100/42.N
16	100	52	FE3.16-100/52.N
16	120	72	FE3.16-120/72.N
18	100	52	FE3.18-100/52.N
18	120	72	FE3.18-120/72.N
18	150	102	FE3.18-150/102.N
20	100	52	FE3.20-100/52.N
20	120	72	FE3.20-120/72.N
20	150	102	FE3.20-150/102.N
25	150	102	FE3.25-150/102.N

Z=3



Ø D	L	I	NEG.
8	80	22	FE3R.8-80/22.N
8	80	32	FE3R.8-80/32.N
10	80	32	FE3R.10-80/32.N
10	100	42	FE3R.10-100/42.N
12	80	32	FE3R.12-80/32.N
12	100	42	FE3R.12-100/42.N
12	100	52	FE3R.12-100/52.N
14	100	42	FE3R.14-100/42.N
14	100	52	FE3R.14-100/52.N
16	100	42	FE3R.16-100/42.N
16	100	52	FE3R.16-100/52.N
16	120	72	FE3R.16-120/72.N
18	100	52	FE3R.18-100/52.N
18	120	72	FE3R.18-120/72.N
18	150	102	FE3R.18-150/102.N
20	100	52	FE3R.20-100/52.N
20	120	72	FE3R.20-120/72.N
20	150	102	FE3R.20-150/102.N
25	150	102	FE3R.25-150/102.N

## FRESE ELICOIDALI P/N

HW Solid carbide spiral router bit

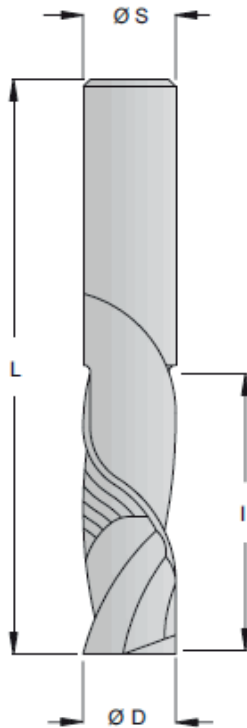
VHM Vollhartmetallfräser

HW Fresas helicoidales integral

Фрезы твердосплавные со спиральной режущей кромкой негативные

# HW

## SOLID CARBIDE



Ø D	L	I	POS/NEG
8	80	22	FE.8-80/22-P/N
8	80	32	FE.8-80/32-P/N
10	80	32	FE.10-80/32-P/N
10	100	42	FE.10-100/42-P/N
12	100	42	FE.12-100/42-P/N
12	100	52	FE.12-100/52-P/N
14	100	42	FE.14-100/42-P/N
14	100	52	FE.14-100/52-P/N
16	100	42	FE.16-100/42-P/N
16	100	52	FE.16-100/52-P/N
18	100	52	FE.18-100/52-P/N
18	120	72	FE.18-120/72-P/N
20	100	52	FE.20-100/52-P/N
20	120	72	FE.20-120/72-P/N