



FORETS CARBURE MONOBLOC

SOMMAIRE

FOC501	MICRO-FORETS 2 LEVRES DIN 1899 A Série courte - Progression 1/100 mm	6
FOC500	FORETS 2 LEVRES DIN 1897 Série courte - Progression 1/10 mm + Progression 5/100 mm	8
FOC538	FORETS 2 LEVRES DIN 338 Série longue - Progression 1/10 mm + Progression 5/100 mm	10
FOC513	FORETS 3 LEVRES Série courte - Progression 1/10 mm	13
FOC105	MICRO-FORETS 2 LEVRES DIN 6537 Longueur 5D - Progression 1/10 mm - Lubrification interne	7
FOC108	MICRO-FORETS 2 LEVRES DIN 6537 Longueur 8D - Progression 1/10 mm - Lubrification interne	7
FOC112	MICRO-FORETS 2 LEVRES DIN 6537 Longueur 12D - Progression 1/10 mm - Lubrification interne	7
FOC130	FORETS 2 LEVRES DIN 6537 Longueur 3D - Progression 1/10 mm - Lubrification interne	14
FOC150	FORETS 2 LEVRES DIN 6537 Longueur 5D - Progression 1/10 mm - Lubrification interne	15
FOC180	FORETS 2 LEVRES DIN 6537 Longueur 8D - Progression 1/10 mm - Lubrification interne	16
FOC115	FORETS 2 LEVRES DIN 6537 Longueur 15D - Progression 1/10 mm - Lubrification interne	17
FOC113	FORETS 3 LEVRES Série courte - Progression 1/10 mm - Lubrification interne	18
FOC520	FORETS A CENTRER 60° Série courte - 1 pointe	19



FOC509	FORETS A POINTER NC 90° Série courte	20
FOC590	FORETS A POINTER NC 90° Série longue	20
FOC510	FORETS A POINTER NC 100° Série courte	21
FOC591	FORETS A POINTER NC 100° Série longue	21
FOC512	FORETS A POINTER NC 120° Série courte	22
FOC592	FORETS A POINTER NC 120° Série longue	22
FOC514	FORETS A POINTER NC 140° Série courte	23
FOC594	FORETS A POINTER NC 140° Série longue	23

CARACTERISTIQUES DES REVETEMENTS

	Dureté <i>Hardness</i>	Epaisseur <i>Thickness</i>	Coef. Friction <i>Friction coefficient</i>	Temperature Max. (C°) <i>Max.temperature (C°)</i>
AITiSiN	3.600	1 - 5	0.7	850°
MACH 1	3.500	2 - 4	0.2	800°

TABLE OF CONTENTS

FOC501	MICRO-DRILLS 2 FLUTES DIN 1899 A Short length - Scale (1/100 mm)	6
FOC500	DRILLS 2 FLUTES DIN 1897 Short length - Scale (1/10 mm) + (5/100 mm)	8
FOC538	DRILLS 2 FLUTES DIN 338 Long length - Scale (1/10 mm) + (5/100 mm)	10
FOC513	DRILLS 3 FLUTES Short length - Scale (1/10 mm)	13
FOC105	MICRO-DRILLS 2 FLUTES DIN 6537 Length 5 x Ø - Scale (1/10 mm) - Internal coolant	7
FOC108	MICRO-DRILLS 2 FLUTES DIN 6537 Length 8 x Ø - Scale (1/10 mm) - Internal coolant	7
FOC112	MICRO-DRILLS 2 FLUTES DIN 6537 Length 12 x Ø - Scale (1/10 mm) - Internal coolant	7
FOC130	DRILLS 2 FLUTES DIN 6537 Length 3 x Ø - Scale (1/10 mm) - Internal coolant	14
FOC150	DRILLS 2 FLUTES DIN 6537 Length 5 x Ø - Scale (1/10 mm) - Internal coolant	15
FOC180	DRILLS 2 FLUTES DIN 6537 Length 8 x Ø - Scale (1/10 mm) - Internal coolant	16
FOC115	DRILLS 2 FLUTES DIN 6537 Length 15 x Ø - Scale (1/10 mm) - Internal coolant	17
FOC113	DRILLS 3 FLUTES Short length - Scale (1/10 mm) - Internal coolant	18
FOC520	CENTER DRILLS 60° Short length - One side	19



FOC509	NC SPOTTING DRILLS 90° Short length	20
FOC590	NC SPOTTING DRILLS 90° Long length	20
FOC510	NC SPOTTING DRILLS 100° Short length	21
FOC591	NC SPOTTING DRILLS 100° Long length	21
FOC512	NC SPOTTING DRILLS 120° Short length	22
FOC592	NC SPOTTING DRILLS 120° Long length	22
FOC514	NC SPOTTING DRILLS 140° Short length	23
FOC594	NC SPOTTING DRILLS 140° Long length	23

COATINGS CHARACTERISTICS

	Dureté <i>Hardness</i>	Epaisseur <i>Thickness</i>	Coef. Friction <i>Friction coefficient</i>	Temperature Max. (C°) <i>Max. temperature (C°)</i>
AITiSiN	3.600	1 - 5	0.7	850°
MACH 1	3.500	2 - 4	0.2	800°

MICRO-FORETS 2 LEVRES DIN 1899 A

Série courte - Progression 1/100 mm - Non-revêtus

Ø	d	L	I	Z	Prix H.T.
0.15 → 0.19	1	30	1	2	21.90 €
0.20	1	30	2	2	21.90 €
0.21 → 0.25	1	30	2	2	17.40 €
0.26 → 0.30	1	30	2.5	2	17.40 €
0.31 → 0.34	1	30	3	2	17.40 €
0.35	1	30	4	2	17.40 €
0.36 → 0.40	1	30	4	2	15.80 €
0.41 → 0.44	1	30	4	2	12.60 €
0.45 → 0.50	1	30	6	2	12.60 €
0.51 → 0.64	1	30	6	2	11.60 €
0.65 → 0.74	1	30	7	2	11.60 €
0.75	1	30	8	2	11.60 €
0.76 → 0.79	1	30	8	2	11.20 €
0.80 → 0.94	1.5	30	10	2	11.20 €
0.95 → 1.14	1.5	30	10	2	11.20 €
1.15 → 1.20	1.5	30	12	2	11.20 €
1.21 → 1.49	1.5	30	12	2	11.70 €
1.50 → 1.99	2	30	12	2	11.70 €
2.00	2.5	30	12	2	11.70 €

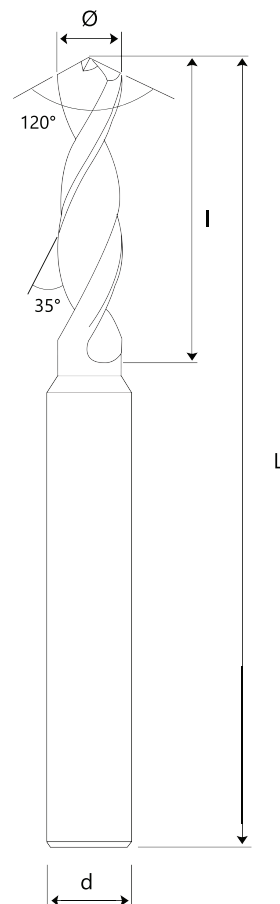
Ex. ref. Ø 0.15 = FOC501-000.150



Micro-drills 2 flutes

Short length
Hundredths scale (1/100 mm)
Without coating

Reference	FOC501
DIN	1899-A
Tol. Ø	h6
Tol. d	h6



MICRO-FORETS 2 LEVRES DIN 6537

Longueur 5D-8D-12D - Progression 1/10 mm - **Lubrification interne** - **Revêtus**

Ø	d	L	I	Z	Prix H.T.
1.0	3	55	8	2	82.30 €
1.1 → 1.5	3	55	12	2	82.30 €
1.6 → 2.0	3	65	16	2	90.80 €
2.1 → 2.5	3	74	20	2	96.40 €
2.6 → 2.9	3	81	23	2	104.90 €

Ref. 105 - Longueur 5D - Length 5 x diameter

Ex. ref. Ø 1 = FOC105-001.000

Ø	d	L	I	Z	Prix H.T.
1.0	3	55	11	2	92.20 €
1.1 → 1.5	3	55	17	2	92.20 €
1.6 → 2.0	3	65	22	2	99.30 €
2.1 → 2.5	3	74	28	2	106.40 €
2.6 → 2.9	3	81	32	2	113.40 €

Ref. 108 - Longueur 8D - Length 8 x diameter

Ex. ref. Ø 1 = FOC108-001.000

Ø	d	L	I	Z	Prix H.T.
1.0	3	55	15	2	99.30 €
1.1 → 1.5	3	55	23	2	99.30 €
1.6 → 2.0	3	65	30	2	106.40 €
2.1 → 2.5	3	74	38	2	113.40 €
2.6 → 2.9	3	81	44	2	120.50 €

Ref. 112 - Longueur 12D - Length 12 x diameter

Ex. ref. Ø 1 = FOC112-001.000

AlTiSiN

Revêtement pour aciers alliés et inox



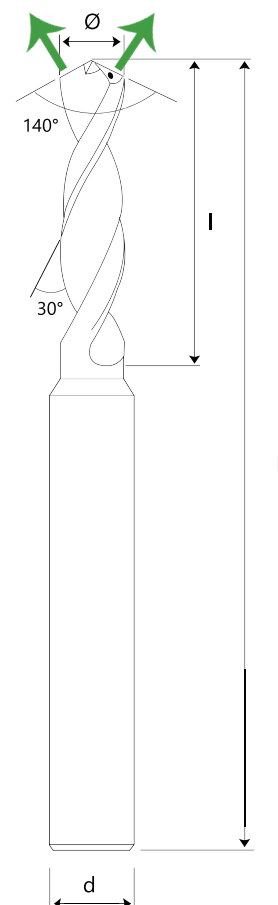
Micro-drills 2 flutes

Length 5 x Ø ; 8 x Ø ; 12 x Ø
Tenths scale (1/10 mm)

Internal coolant

With coating AlTiSiN for steel and stainless steel

Reference	FOC105
Reference	FOC108
Reference	FOC112
DIN	6537
Tol. Ø	m7
Tol. d	h6



FORETS 2 LEVRES DIN 1897

Série courte - Progression 1/10 mm

Ø	d	L	l	Z	Prix H.T.	MACH 1
0.7 → 1	Ø	26	6	2	10.10 €	
1.1	Ø	28	7	2	10.80 €	
1.2 → 1.3	Ø	30	8	2	10.80 €	
1.4 → 1.5	Ø	32	9	2	10.80 €	
1.6 → 1.7	Ø	34	10	2	11.20 €	
1.8 → 1.9	Ø	36	11	2	11.20 €	
2	Ø	38	12	2	11.20 €	
2.1	Ø	38	12	2	11.70 €	
2.2 → 2.3	Ø	40	13	2	11.70 €	
2.4 → 2.5	Ø	43	14	2	11.70 €	
2.6	Ø	43	14	2	11.90 €	
2.7 → 2.9	Ø	46	16	2	11.90 €	
3	Ø	46	16	2	11.90 €	17.20 €
3.1 → 3.3	Ø	49	18	2	12.10 €	17.40 €
3.4 → 3.5	Ø	52	20	2	12.10 €	17.40 €
3.6 → 3.7	Ø	52	20	2	12.90 €	18.20 €
3.8 → 4	Ø	55	22	2	12.90 €	18.20 €
4.1 → 4.2	Ø	55	22	2	13.30 €	18.90 €
4.3 → 4.5	Ø	58	24	2	13.30 €	18.90 €
4.6 → 4.7	Ø	58	24	2	14.60 €	20.20 €
4.8 → 5	Ø	62	26	2	14.60 €	20.20 €
5.1 → 5.3	Ø	62	26	2	15.30 €	20.90 €
5.4 → 6	Ø	66	28	2	16.80 €	22.40 €
6.1 → 6.5	Ø	70	31	2	19.30 €	26.50 €
6.6 → 6.7	Ø	70	31	2	21.20 €	28.40 €
6.8 → 6.9	Ø	74	34	2	21.20 €	28.40 €
7 → 7.5	Ø	74	34	2	23.60 €	30.80 €
7.6 → 8	Ø	79	37	2	25.10 €	32.30 €
8.1 → 8.5	Ø	79	37	2	26.60 €	36.00 €
8.6 → 9	Ø	84	40	2	33.60 €	43.00 €
9.1 → 9.5	Ø	84	40	2	34.90 €	44.30 €
9.6 → 10	Ø	89	43	2	37.80 €	47.20 €
10.1 → 10.6	Ø	89	43	2	41.30 €	52.90 €
10.7 → 11	Ø	95	47	2	43.60 €	55.20 €
11.1 → 11.8	Ø	95	47	2	48.70 €	60.30 €
11.9 → 12	Ø	102	51	2	50.90 €	62.50 €
12.1 → 13	Ø	102	51	2	65.20 €	79.90 €
14	Ø	111	56	2	76.70 €	91.40 €
14.5	Ø	111	56	2	118.60 €	136.70 €
15	Ø	115	58	2	128.50 €	146.60 €
16	Ø	115	58	2	138.90 €	157.00 €
17	Ø	119	60	2	168.80 €	190.50 €
18	Ø	123	62	2	168.80 €	190.50 €
20	Ø	131	66	2	201.50 €	227.90 €

Ex. ref. Ø 0.7 = FOC500-000.700



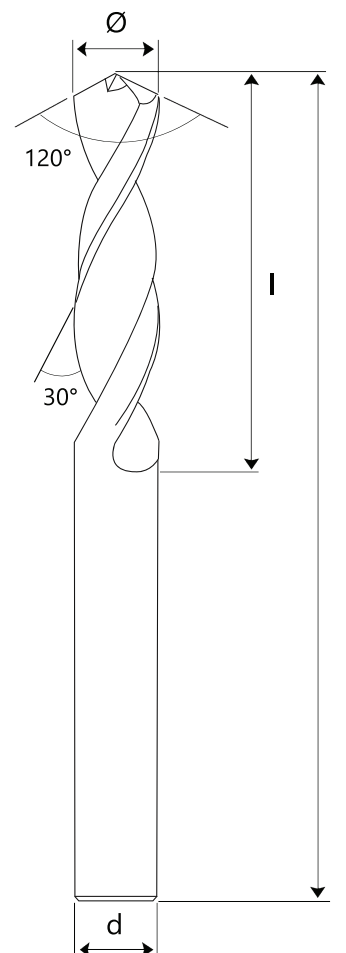
Drills 2 flutes

Short length

Tenths scale (1/10 mm)

Without or with coating MACH 1 for steels

Reference	FOC500
DIN	1897
Tol. Ø	h6
Tol. d	h6



MACH 1

Revêtement pour aciers et aciers inoxydables

FORETS 2 LEVRES DIN 1897

Série courte - Progression 5/100 mm

Ø	d	L	I	Z	Prix H.T.	MACH 1
0.75 → 0.95	Ø	26	6	2	12.20 €	
1.05	Ø	28	7	2	13.00 €	
1.15 → 1.25	Ø	30	8	2	13.00 €	
1.35 → 1.45	Ø	32	9	2	13.00 €	
1.55 → 1.65	Ø	34	10	2	13.50 €	
1.75 → 1.85	Ø	36	11	2	13.50 €	
1.95 → 2.05	Ø	38	12	2	14.10 €	
2.15 → 2.25	Ø	40	13	2	14.10 €	
2.35 → 2.55	Ø	43	14	2	14.10 €	
2.65 → 2.95	Ø	46	16	2	14.30 €	
3.05 → 3.25	Ø	49	18	2	14.60 €	20.90 €
3.35 → 3.45	Ø	52	20	2	14.60 €	20.90 €
3.55 → 3.65	Ø	52	20	2	15.50 €	21.90 €
3.75 → 3.95	Ø	55	22	2	15.50 €	21.90 €
4.05 → 4.15	Ø	55	22	2	16.00 €	22.70 €
4.25 → 4.45	Ø	58	24	2	16.00 €	22.70 €
4.55 → 4.65	Ø	58	24	2	17.60 €	24.30 €
4.75 → 4.95	Ø	62	26	2	17.60 €	24.30 €
5.05 → 5.25	Ø	62	26	2	18.40 €	25.10 €
5.35 → 5.95	Ø	66	28	2	20.20 €	26.90 €
6.05 → 6.45	Ø	70	31	2	23.20 €	31.80 €
6.55 → 6.65	Ø	70	31	2	25.50 €	34.10 €
6.75 → 6.85	Ø	74	34	2	25.50 €	34.10 €
6.95 → 7.45	Ø	74	34	2	28.40 €	37.00 €
7.55 → 7.95	Ø	79	37	2	30.20 €	38.80 €
8.05 → 8.45	Ø	79	37	2	32.00 €	43.20 €
8.55 → 8.95	Ø	84	40	2	40.40 €	51.60 €
9.05 → 9.45	Ø	84	40	2	41.90 €	53.20 €
9.55 → 9.95	Ø	89	43	2	45.40 €	56.70 €
10.05 → 10.55	Ø	89	43	2	49.60 €	63.50 €
10.65 → 10.95	Ø	95	47	2	52.40 €	66.30 €
11.05 → 11.75	Ø	95	47	2	58.50 €	72.40 €
11.85 → 11.95	Ø	102	51	2	61.10 €	75.00 €
12.05 → 12.95	Ø	102	51	2	78.30 €	95.90 €

Ex. ref. Ø 0.75 = FOC500-000.750

MACH 1

Revêtement pour aciers et aciers inoxydables



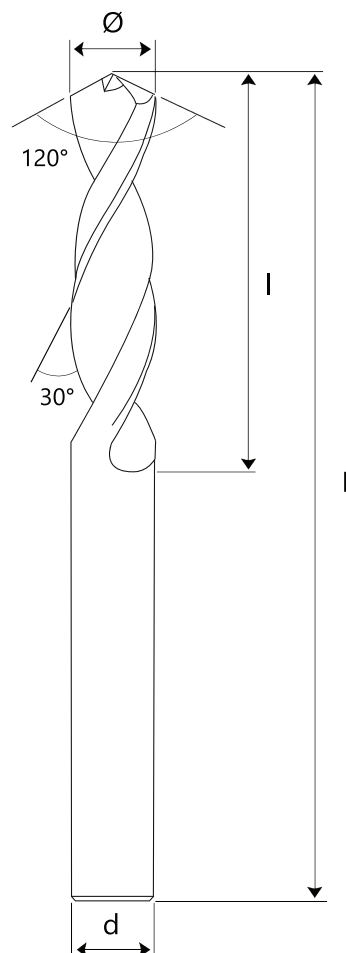
Drills 2 flutes

Short length

Five hundredths scale (5/100 mm)

Without or with coating MACH 1 for steels

Reference	FOC500
DIN	1897
Tol. Ø	h6
Tol. d	h6



FORETS 2 LEVRES DIN 338

Série longue - Progression 1/10 mm

Ø	d	L	l	Z	Prix H.T.	MACH 1
0.7	Ø	28	9	2	13.90 €	
0.8	Ø	30	10	2	13.90 €	
0.9	Ø	32	11	2	13.90 €	
1	Ø	34	12	2	12.10 €	
1.1	Ø	36	14	2	14.30 €	
1.2 → 1.3	Ø	38	16	2	14.30 €	
1.4 → 1.5	Ø	40	18	2	14.30 €	
1.6 → 1.7	Ø	43	20	2	16.80 €	
1.8 → 1.9	Ø	46	22	2	16.80 €	
2	Ø	49	24	2	16.80 €	
2.1	Ø	49	24	2	21.10 €	
2.2 → 2.3	Ø	53	27	2	21.10 €	
2.4 → 2.5	Ø	57	30	2	21.10 €	
2.6	Ø	57	30	2	22.50 €	
2.7 → 2.9	Ø	61	33	2	22.50 €	
3	Ø	61	33	2	15.40 €	20.70 €
3.1 → 3.3	Ø	65	36	2	15.80 €	21.10 €
3.4 → 3.5	Ø	70	39	2	16.60 €	21.90 €
3.6 → 3.7	Ø	70	39	2	17.10 €	22.40 €
3.8 → 3.9	Ø	75	43	2	17.60 €	22.90 €
4	Ø	75	43	2	18.30 €	23.60 €
4.1 → 4.2	Ø	75	43	2	19.40 €	25.00 €
4.3 → 4.5	Ø	80	47	2	19.40 €	25.00 €
4.6 → 4.7	Ø	80	47	2	24.80 €	30.40 €
4.8 → 4.9	Ø	86	52	2	24.80 €	30.40 €
5	Ø	86	52	2	26.40 €	32.00 €
5.1 → 5.3	Ø	86	52	2	29.10 €	34.70 €
5.4 → 5.5	Ø	93	57	2	29.10 €	34.70 €
5.6 → 5.7	Ø	93	57	2	32.20 €	37.80 €
5.8 → 5.9	Ø	93	57	2	32.20 €	37.80 €

Ex. ref. Ø 0.7 = FOC538-000.700

MACH 1

Revêtement pour aciers et aciers inoxydables



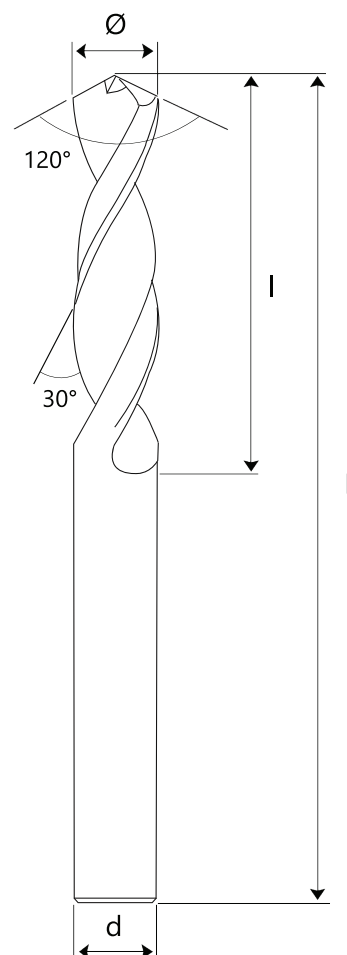
Drills 2 flutes

Long length

Tenths scale (1/10 mm)

Without or with coating MACH 1
for steels

Reference	FOC538
DIN	338
Tol. Ø	h6
Tol. d	h6



FORETS 2 LEVRES DIN 338 - (SUITE)

Série longue - Progression 1/10 mm

Ø	d	L	l	Z	Prix H.T.	MACH 1
6	Ø 93	57	2		32.80 €	38.40 €
6.1 → 6.5	Ø 101	63	2		36.10 €	43.30 €
6.6 → 6.7	Ø 101	63	2		39.90 €	47.10 €
6.8 → 6.9	Ø 109	69	2		39.90 €	47.10 €
7	Ø 109	69	2		40.50 €	47.70 €
7.1 → 7.5	Ø 109	69	2		44.20 €	51.40 €
7.6 → 7.9	Ø 117	75	2		57.80 €	65.00 €
8	Ø 117	75	2		58.70 €	65.90 €
8.1 → 8.5	Ø 117	75	2		63.00 €	72.40 €
8.6 → 8.9	Ø 125	81	2		68.30 €	77.70 €
9	Ø 125	81	2		68.60 €	78.00 €
9.1 → 9.5	Ø 125	81	2		73.90 €	83.30 €
9.6 → 9.9	Ø 133	87	2		77.00 €	86.40 €
10	Ø 133	87	2		77.60 €	87.00 €
10.1 → 10.6	Ø 133	87	2		98.50 €	110.10 €
10.7 → 11	Ø 142	94	2		104.50 €	116.10 €
11.1 → 11.8	Ø 142	94	2		124.30 €	135.90 €
11.9 → 12	Ø 151	101	2		126.80 €	138.40 €
12.1 → 12.9	Ø 151	101	2		142.50 €	157.20 €
13	Ø 151	101	2		166.90 €	181.60 €
14	Ø 160	108	2		212.40 €	227.10 €
15	Ø 169	114	2		243.20 €	261.30 €
16	Ø 178	120	2		273.60 €	291.70 €
17	Ø 184	125	2		340.80 €	362.50 €
18	Ø 191	130	2		343.90 €	365.60 €
20	Ø 205	140	2		400.30 €	426.70 €

Ex. ref. Ø 20 = FOC538-020.000

MACH 1

Revêtement pour aciers et aciers inoxydables



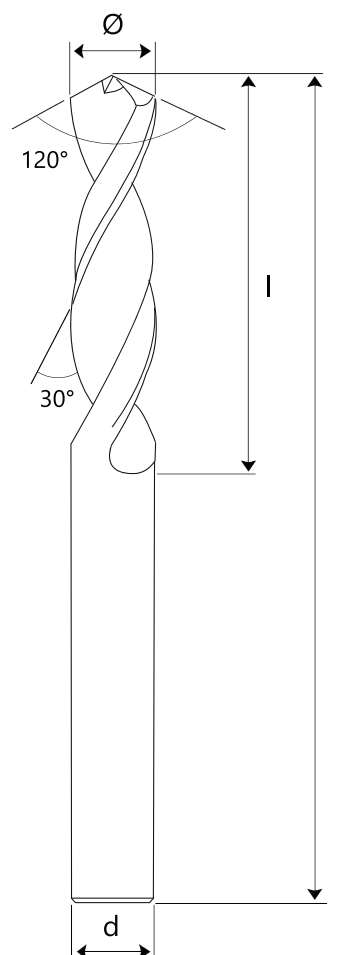
Drills 2 flutes

Long length

Tenths scale (1/10 mm)

Without or with coating MACH 1
for steels

Reference	FOC538
DIN	338
Tol. Ø	h6
Tol. d	h6



FORETS 2 LEVRES DIN 338

Série longue - Progression 5/100 mm

Ø	d	L	l	Z	Prix H.T.	MACH 1
0.75	Ø	28	9	2	16.70 €	
0.85	Ø	30	10	2	16.70 €	
0.95	Ø	32	11	2	14.60 €	
1.05	Ø	34	12	2	17.20 €	
1.15	Ø	36	14	2	17.20 €	
1.25 → 1.35	Ø	38	16	2	17.20 €	
1.45 → 1.55	Ø	40	18	2	17.20 €	
1.65 → 1.75	Ø	43	20	2	20.20 €	
1.85 → 1.95	Ø	46	22	2	20.20 €	
2.05 → 2.15	Ø	49	24	2	25.40 €	
2.25 → 2.35	Ø	53	27	2	25.40 €	
2.45 → 2.65	Ø	57	30	2	25.40 €	
2.75 → 3.05	Ø	61	33	2	27.00 €	
3.15 → 3.35	Ø	65	36	2	19.00 €	25.40 €
3.45 → 3.55	Ø	70	39	2	20.00 €	26.30 €
3.65 → 3.75	Ø	70	39	2	20.60 €	26.90 €
3.85 → 4.05	Ø	75	43	2	21.20 €	27.50 €
4.15 → 4.25	Ø	75	43	2	23.30 €	30.00 €
4.35 → 4.55	Ø	80	47	2	23.30 €	30.00 €
4.65 → 4.75	Ø	80	47	2	29.80 €	36.50 €
4.85 → 5.05	Ø	86	52	2	29.80 €	36.50 €
5.15 → 5.35	Ø	86	52	2	35.00 €	41.70 €
5.45 → 5.55	Ø	93	57	2	35.00 €	41.70 €
5.65 → 5.75	Ø	93	57	2	38.70 €	45.40 €
5.85 → 6.05	Ø	93	57	2	38.70 €	45.40 €
6.15 → 6.55	Ø	101	63	2	43.40 €	52.00 €
6.65 → 6.75	Ø	101	63	2	47.90 €	56.60 €
6.85 → 7.05	Ø	109	69	2	47.90 €	56.60 €
7.15 → 7.55	Ø	109	69	2	53.10 €	61.70 €
7.65 → 8.05	Ø	117	75	2	69.40 €	78.00 €
8.15 → 8.55	Ø	117	75	2	75.60 €	86.90 €
8.65 → 9.05	Ø	125	81	2	82.00 €	93.30 €
9.15 → 9.55	Ø	125	81	2	88.70 €	100.00 €
9.65 → 10.05	Ø	133	87	2	92.40 €	103.70 €
10.15 → 10.65	Ø	133	87	2	118.20 €	132.20 €
10.75 → 11.05	Ø	142	94	2	125.40 €	139.40 €
11.15 → 11.85	Ø	142	94	2	149.20 €	163.10 €
11.95 → 12.05	Ø	151	101	2	152.20 €	166.10 €
12.15 → 12.95	Ø	151	101	2	171.00 €	188.70 €

Ex. ref. Ø 0.75 = FOC538-000.750



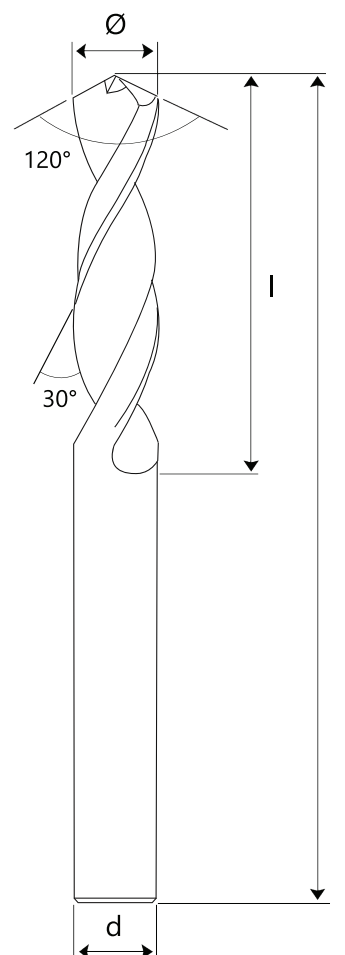
Drills 2 flutes

Long length

Tenths scale (5/100 mm)

Without or with coating MACH 1
for steels

Reference	FOC538
DIN	338
Tol. Ø	h6
Tol. d	h6



MACH 1

Revêtement pour aciers et aciers inoxydables

FORETS 3 LEVRES

Série courte - Progression 1/10 mm

Ø	d	L	I	Z	Prix H.T.	MACH 1
3	Ø	46	22	3	16.40 €	21.70 €
3.1 → 3.3	Ø	49	24	3	17.90 €	23.20 €
3.4 → 3.7	Ø	52	27	3	18.30 €	23.60 €
3.8 → 3.9	Ø	55	30	3	19.30 €	24.60 €
4	Ø	55	30	3	19.70 €	25.00 €
4.1 → 4.2	Ø	55	30	3	21.30 €	26.90 €
4.3 → 4.7	Ø	58	32	3	21.70 €	27.30 €
4.8 → 4.9	Ø	62	35	3	23.40 €	29.00 €
5	Ø	62	35	3	23.80 €	29.40 €
5.1 → 5.3	Ø	62	35	3	25.60 €	31.20 €
5.4 → 5.9	Ø	66	39	3	27.00 €	32.60 €
6	Ø	66	39	3	27.40 €	33.00 €
6.1 → 6.7	Ø	70	42	3	29.50 €	36.70 €
6.8 → 6.9	Ø	74	45	3	31.20 €	38.40 €
7	Ø	74	45	3	31.60 €	38.80 €
7.1 → 7.5	Ø	74	45	3	33.50 €	40.70 €
7.6 → 7.9	Ø	79	48	3	34.60 €	41.80 €
8	Ø	79	48	3	35.00 €	42.20 €
8.1 → 8.5	Ø	79	48	3	36.90 €	46.30 €
8.6 → 8.9	Ø	84	52	3	39.50 €	48.90 €
9	Ø	84	52	3	40.10 €	49.50 €
9.1 → 9.5	Ø	84	52	3	42.80 €	52.20 €
9.6 → 9.9	Ø	89	55	3	44.30 €	53.70 €
10	Ø	89	55	3	44.90 €	54.30 €
10.1 → 10.6	Ø	89	55	3	49.30 €	60.90 €
10.7 → 10.9	Ø	95	60	3	50.50 €	62.10 €
11	Ø	95	60	3	51.10 €	62.70 €
11.1 → 11.8	Ø	95	60	3	55.00 €	66.60 €
11.9 → 12	Ø	102	65	3	55.60 €	67.20 €
12.1 → 12.9	Ø	102	65	3	71.80 €	86.50 €
13	Ø	102	65	3	72.10 €	86.80 €
14	Ø	107	66	3	84.60 €	99.30 €
15	Ø	111	70	3	142.40 €	160.50 €
16	Ø	115	73	3	153.80 €	171.90 €
17	Ø	123	73	3	188.70 €	210.40 €
18	Ø	123	73	3	188.70 €	210.40 €
20	Ø	131	79	3	222.10 €	248.50 €

Ex. ref. Ø 3.1 = FOC513-003.100



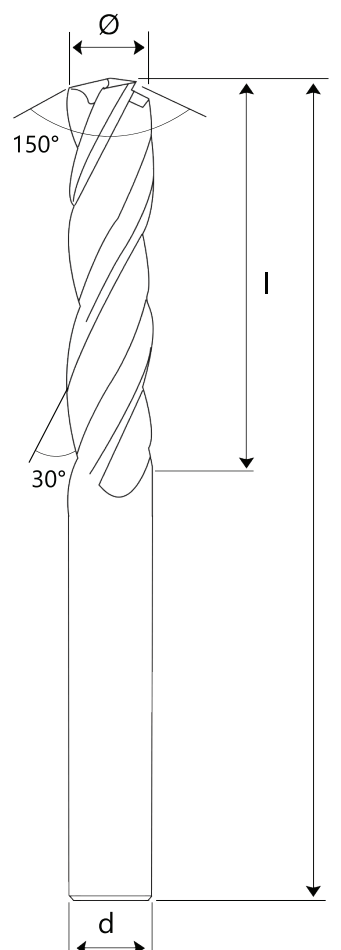
Drills 3 flutes

Short length

Tenths scale (1/10 mm)

Without or with coating MACH 1 for steels

Reference	FOC513
DIN	sim. 6539
Tol. Ø	h6
Tol. d	h6



MACH 1

Revêtement pour aciers et aciers inoxydables

FORETS 2 LEVRES DIN 6537

Longueur 3D - Progression 1/10 mm - **Lubrification interne**

Ø	d	L	I	LQ	Z	Prix H.T.	MACH 1
3	6	62	20	36	2	32.20 €	37.80 €
3.1 → 3.7	6	62	20	36	2	32.20 €	37.80 €
3.8 → 3.9	6	66	24	36	2	32.20 €	37.80 €
4	6	66	24	36	2	32.20 €	37.80 €
4.1 → 4.7	6	66	24	36	2	32.20 €	37.80 €
4.8 → 4.9	6	66	28	36	2	32.20 €	37.80 €
5	6	66	28	36	2	32.20 €	37.80 €
5.1 → 5.9	6	66	28	36	2	32.20 €	37.80 €
6	6	66	28	36	2	32.20 €	37.80 €
6.1 → 6.9	8	79	34	36	2	41.60 €	48.80 €
7	8	79	34	36	2	41.60 €	48.80 €
7.1 → 7.9	8	79	41	36	2	41.60 €	48.80 €
8	8	79	41	36	2	41.60 €	48.80 €
8.1 → 8.9	10	89	47	40	2	45.70 €	55.10 €
9	10	89	47	40	2	45.70 €	55.10 €
9.1 → 9.9	10	89	47	40	2	45.70 €	55.10 €
10	10	89	47	40	2	45.70 €	55.10 €
10.1 → 10.9	12	102	55	45	2	68.10 €	79.70 €
11	12	102	55	45	2	68.10 €	79.70 €
11.1 → 11.9	12	102	55	45	2	68.10 €	79.70 €
12	12	102	55	45	2	68.10 €	79.70 €
12.1 → 12.9	14	107	60	45	2	97.30 €	112.10 €
13	14	107	60	45	2	97.30 €	112.10 €
14	14	107	60	45	2	97.30 €	112.10 €
15	16	115	65	48	2	175.90 €	194.20 €
16	16	115	65	48	2	175.90 €	194.20 €
17	18	123	73	48	2	202.60 €	224.30 €
18	18	123	73	48	2	202.60 €	224.30 €
20	20	131	79	50	2	241.80 €	268.20 €



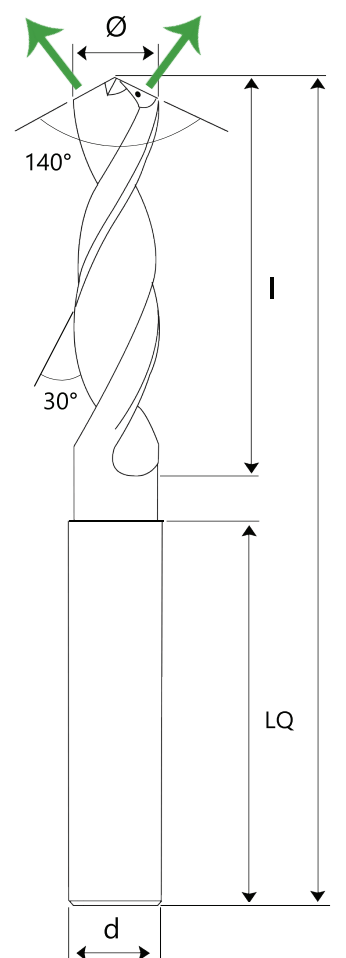
Drills 2 flutes

Length 3 x diameter
Tenths scale (1/10 mm)

Internal coolant

Without or with coating MACH 1
for steels

Reference	FOC130
DIN	6537
Tol. Ø	m7
Tol. d	h6



Ex. ref. Ø 3.1 = FOC130-003.100

MACH 1

Revêtement pour aciers et aciers inoxydables

FORETS 2 LEVRES DIN 6537

Longueur 5D - Progression 1/10 mm - **Lubrification interne**

Ø	d	L	I	LQ	Z	Prix H.T.	MACH 1
3	6	66	28	36	2	42.60 €	47.90 €
3.1 → 3.7	6	66	28	36	2	42.60 €	47.90 €
3.8 → 3.9	6	74	36	36	2	42.60 €	47.90 €
4	6	74	36	36	2	42.60 €	47.90 €
4.1 → 4.7	6	74	36	36	2	42.60 €	48.20 €
4.8 → 4.9	6	82	44	36	2	42.60 €	48.20 €
5	6	82	44	36	2	42.60 €	48.20 €
5.1 → 5.9	6	82	44	36	2	42.60 €	48.20 €
6	6	82	44	36	2	42.60 €	48.20 €
6.1 → 6.9	8	91	53	36	2	66.20 €	73.40 €
7	8	91	53	36	2	66.20 €	73.40 €
7.1 → 7.9	8	91	53	36	2	66.20 €	73.40 €
8	8	91	53	36	2	66.20 €	73.40 €
8.1 → 8.9	10	103	61	40	2	96.50 €	105.90 €
9	10	103	61	40	2	96.50 €	105.90 €
9.1 → 9.9	10	103	61	40	2	96.50 €	105.90 €
10	10	103	61	40	2	96.50 €	105.90 €
10.1 → 10.9	12	118	71	45	2	147.30 €	158.90 €
11	12	118	71	45	2	147.30 €	158.90 €
11.1 → 11.9	12	118	71	45	2	147.30 €	158.90 €
12	12	118	71	45	2	147.30 €	158.90 €
12.1 → 12.9	14	124	77	45	2	236.20 €	250.90 €
13	14	124	77	45	2	236.20 €	250.90 €
14	14	124	77	45	2	236.20 €	250.90 €
15	16	133	83	48	2	299.90 €	318.00 €
16	16	133	83	48	2	299.90 €	318.00 €
17	18	143	93	48	2	364.80 €	386.50 €
18	18	143	93	48	2	364.80 €	386.50 €
20	20	153	101	50	2	421.40 €	447.80 €



Drills 2 flutes

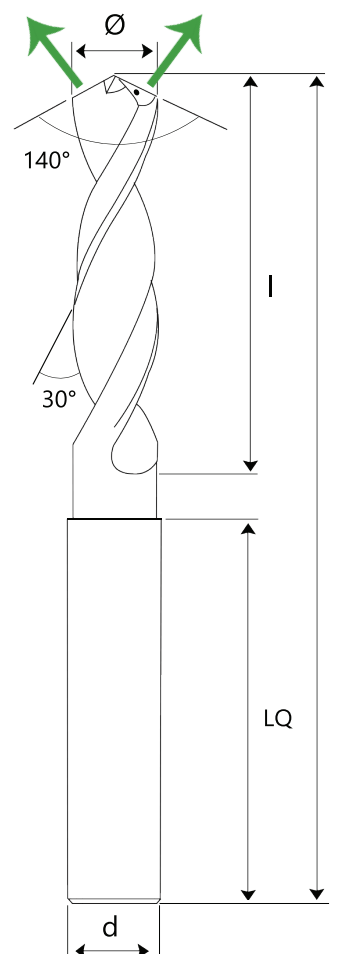
Length 5 x diameter

Tenths scale (1/10 mm)

Internal coolant

Without or with coating MACH 1 for steels

Reference	FOC150
DIN	6537
Tol. Ø	m7
Tol. d	h6



Ex. ref. Ø 3.1 = FOC150-003.100

MACH 1

Revêtement pour aciers et aciers inoxydables

FORETS 2 LEVRES DIN 6537

Longueur 8D - Progression 1/10 mm - **Lubrification interne**

Ø	d	L	I	LQ	Z	Prix H.T.	MACH 1
3	6	72	34	36	2	105.10 €	113.20 €
3.1 → 3.7	6	72	34	36	2	105.10 €	113.20 €
3.8 → 3.9	6	81	43	36	2	105.10 €	113.20 €
4	6	81	43	36	2	105.10 €	113.20 €
4.1 → 4.7	6	81	43	36	2	105.10 €	113.20 €
4.8 → 4.9	6	95	57	36	2	105.10 €	113.20 €
5	6	95	57	36	2	105.10 €	113.20 €
5.1 → 5.9	6	95	57	36	2	105.10 €	113.20 €
6	6	95	57	36	2	105.10 €	113.20 €
6.1 → 6.9	8	114	76	36	2	111.00 €	122.40 €
7	8	114	76	36	2	111.00 €	122.40 €
7.1 → 7.9	8	114	76	36	2	111.00 €	122.40 €
8	8	114	76	36	2	111.00 €	122.40 €
8.1 → 8.9	10	142	95	40	2	153.00 €	166.60 €
9	10	142	95	40	2	153.00 €	166.60 €
9.1 → 9.9	10	142	95	40	2	153.00 €	166.60 €
10	10	142	95	40	2	153.00 €	166.60 €
10.1 → 10.9	12	162	114	45	2	207.80 €	223.10 €
11	12	162	114	45	2	207.80 €	223.10 €
11.1 → 11.9	12	162	114	45	2	207.80 €	223.10 €
12	12	162	114	45	2	207.80 €	223.10 €
12.1 → 12.9	14	178	133	45	2	259.70 €	279.50 €
13	14	178	133	45	2	259.70 €	279.50 €
14	14	178	133	45	2	259.70 €	279.50 €
15	16	203	152	48	2	332.40 €	364.40 €
16	16	203	152	48	2	332.40 €	364.40 €
17	18	222	171	48	2	390.30 €	433.60 €
18	18	222	171	48	2	390.30 €	433.60 €
20	20	243	190	50	2	480.00 €	563.40 €



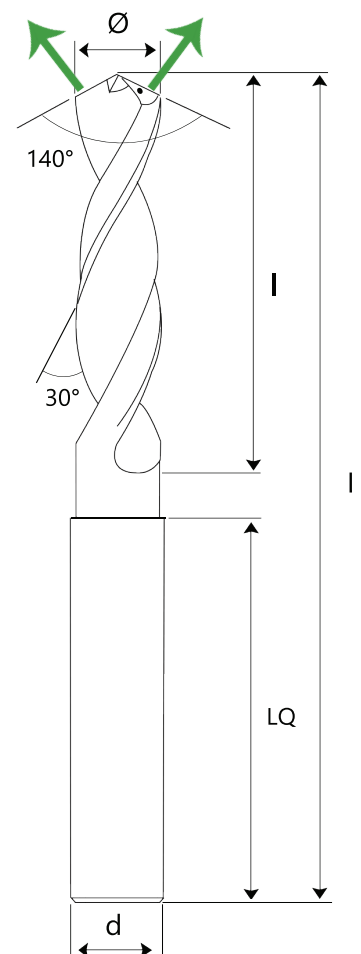
Drills 2 flutes

Length 8 x diameter
Tenths scale (1/10 mm)

Internal coolant

Without or with coating MACH 1
for steels

Reference	FOC180
DIN	6537
Tol. Ø	m7
Tol. d	h6



Ex. ref. Ø 3.1 = FOC180-003.100

MACH 1

Revêtement pour aciers et aciers inoxydables

FORETS 2 LEVRES DIN 6537

Longueur 15D - Progression 1/10 mm - **Lubrification interne**

Ø	d	L	I	LQ	Z	Prix H.T.	MACH 1
3	6	95	55	36	2	182.00 €	191.60 €
3.1 → 3.7	6	104	64	36	2	182.00 €	191.60 €
3.8 → 3.9	6	104	64	36	2	182.00 €	191.60 €
4	6	104	64	36	2	182.00 €	191.60 €
4.1 → 4.7	6	131	91	36	2	182.00 €	191.60 €
4.8 → 4.9	6	131	91	36	2	182.00 €	191.60 €
5	6	131	91	36	2	182.00 €	191.60 €
5.1 → 5.9	6	149	109	36	2	182.00 €	191.60 €
6	6	149	109	36	2	182.00 €	191.60 €
6.1 → 6.9	8	167	127	36	2	203.00 €	216.40 €
7	8	167	127	36	2	203.00 €	216.40 €
7.1 → 7.9	8	185	145	36	2	203.00 €	216.40 €
8	8	185	145	36	2	203.00 €	216.40 €
8.1 → 8.9	10	207	163	40	2	262.00 €	278.30 €
9	10	207	163	40	2	262.00 €	278.30 €
9.1 → 9.9	10	226	182	40	2	262.00 €	278.30 €
10	10	226	182	40	2	262.00 €	278.30 €
10.1 → 10.9	12	249	200	45	2	348.70 €	366.80 €
11	12	249	200	45	2	348.70 €	366.80 €
11.1 → 11.9	12	267	218	45	2	348.70 €	366.80 €
12	12	267	218	45	2	348.70 €	366.80 €
12.1 → 12.9	14	285	236	45	2	527.00 €	561.00 €
13	14	285	236	45	2	527.00 €	561.00 €
14	14	303	254	45	2	527.00 €	561.00 €

Ex. ref. Ø 3.1 = FOC115-003.100

MACH 1

Revêtement pour aciers et aciers inoxydables



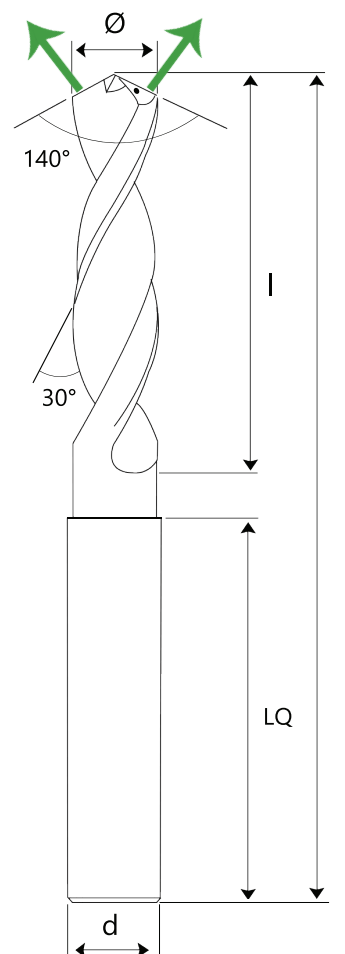
Drills 2 flutes

Length 15 x diameter
Tenths scale (1/10 mm)

Internal coolant

Without or with coating MACH 1
for steels

Reference	FOC115
DIN	sim. 6537
Tol. Ø	m7
Tol. d	h6



FORETS 3 LEVRES

Série courte - Progression 1/10 mm - **Lubrification interne**

Ø	d	L	I	LQ	Z	Prix H.T.	MACH 1
3	6	62	20	36	3	48.30 €	53.60 €
3.1 → 3.7	6	62	20	36	3	48.30 €	53.60 €
3.8 → 3.9	6	66	24	36	3	48.30 €	53.60 €
4	6	66	24	36	3	48.30 €	53.60 €
4.1 → 4.7	6	66	24	36	3	48.30 €	53.90 €
4.8 → 4.9	6	66	28	36	3	48.30 €	53.90 €
5	6	66	28	36	3	48.30 €	53.90 €
5.1 → 5.9	6	66	28	36	3	48.30 €	53.90 €
6	6	66	28	36	3	48.30 €	53.90 €
6.1 → 6.9	8	79	34	36	3	56.90 €	66.30 €
7	8	79	34	36	3	56.90 €	66.30 €
7.1 → 7.9	8	79	41	36	3	56.90 €	66.30 €
8	8	79	41	36	3	56.90 €	66.30 €
8.1 → 8.9	10	89	47	40	3	71.50 €	82.50 €
9	10	89	47	40	3	71.50 €	82.50 €
9.1 → 9.9	10	89	47	40	3	71.50 €	82.50 €
10	10	89	47	40	3	71.50 €	82.50 €
10.1 → 10.9	12	102	55	45	3	86.80 €	99.10 €
11	12	102	55	45	3	86.80 €	99.10 €
11.1 → 11.9	12	102	55	45	3	86.80 €	99.10 €
12	12	102	55	45	3	86.80 €	99.10 €
12.1 → 12.9	14	107	60	45	3	102.30 €	118.60 €
13	14	107	60	45	3	102.30 €	118.60 €
14	14	107	60	45	3	102.30 €	118.60 €
15	16	115	65	48	3	136.90 €	163.50 €
16	16	115	65	48	3	136.90 €	163.50 €
17	18	123	73	48	3	192.80 €	228.30 €
18	18	123	73	48	3	192.80 €	228.30 €
20	20	131	79	50	3	326.00 €	373.00 €

Ex. ref. Ø 3.1 = FOC113-003.100

MACH 1

Revêtement pour aciers et aciers inoxydables



Drills 3 flutes

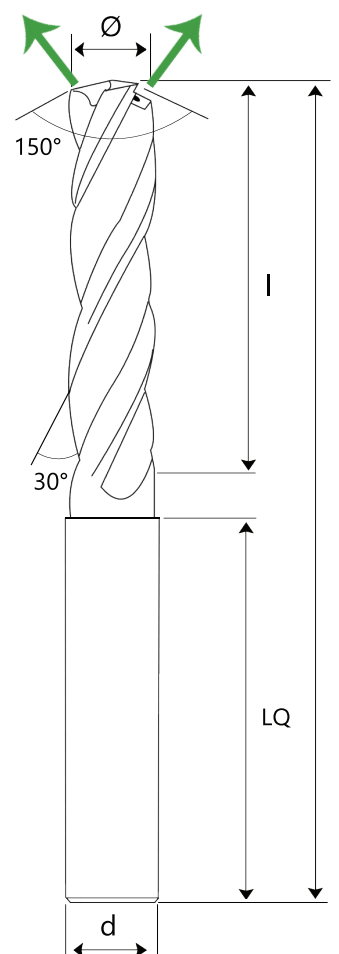
Short length

Tenths scale (1/10 mm)

Internal coolant

Without or with coating MACH 1
for steels

Reference	FOC113
DIN	sim. 6539
Tol. Ø	m7
Tol. d	h6



FORETS A CENTRER 60°

Série courte - 1 pointe

Ø	d	L	l min	l max	Prix H.T.
4	1	50	1.3	1.7	28.50 €
4	1.6	50	2	2.6	28.50 €
5	1.5	50	2	2.6	38.10 €
5	2	50	2.5	3.1	38.10 €
6	2	50	2.5	3.1	41.60 €
6.3	2.5	50	3.1	3.8	42.40 €
8	2.5	60	3.1	3.8	53.20 €
8	3	60	3.9	4.6	53.20 €
8	3.15	60	3.9	4.6	53.20 €
10	3	66	3.9	4.6	66.80 €
10	4	66	5	5.9	66.80 €
12	4	73	5	5.9	91.30 €
12	5	73	6.3	7.2	91.30 €

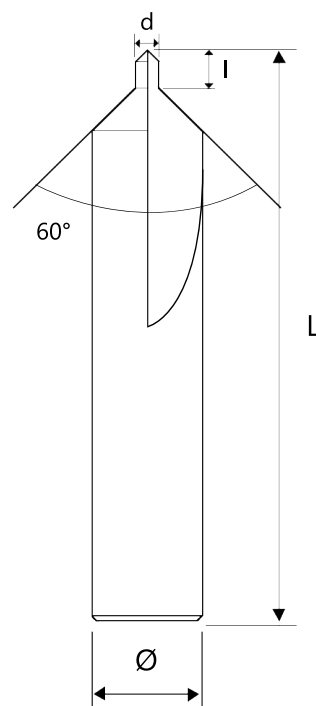


Center drills 60°

Short length
One side

Reference	FOC520
DIN	333-A
Tol. d	k12
Tol. Ø	h6

Ex. ref. Ø 4 x 1 = FOC520-04.00*01.00



FORETS A POINTER NC 90°

Série courte et longue

Ø	d	L	I	Z	Prix H.T.
2	2	40	8	2	25.80 €
3	3	45	10	2	22.30 €
4	4	50	12	2	23.60 €
5	5	50	15	2	25.30 €
6	6	60	18	2	29.70 €
7	7	60	23	2	48.10 €
8	8	60	23	2	43.20 €
10	10	70	24	2	62.70 €
12	12	70	24	2	85.70 €
14	14	75	24	2	111.80 €
16	16	80	26	2	147.50 €
20	20	100	35	2	273.90 €



NC spotting drills 90°

Short and long length

Reference	FOC509
Reference	FOC590
Angle	90°
Tol. Ø	h6
Tol. d	h6

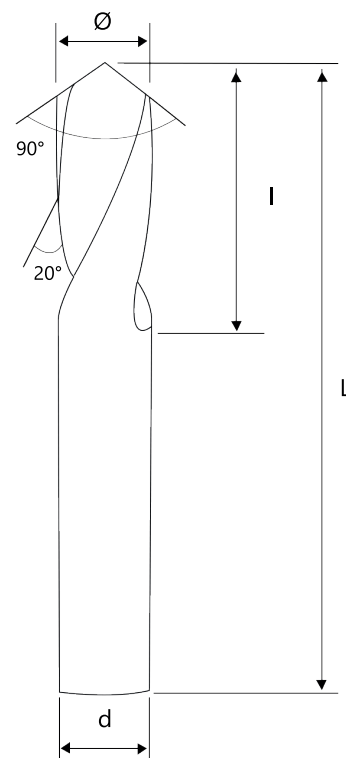
Ref. 509 - Série courte - Short length

Ex. ref. Ø 2 = FOC509-002.000

Ø	d	L	I	Z	Prix H.T.
2	2	80	8	2	30.90 €
3	3	100	10	2	26.40 €
4	4	100	12	2	29.20 €
5	5	100	15	2	32.60 €
6	6	100	18	2	37.30 €
7	7	120	23	2	76.30 €
8	8	120	23	2	71.40 €
10	10	150	24	2	99.70 €
12	12	150	24	2	131.80 €
14	14	160	24	2	171.30 €
16	16	160	26	2	224.20 €
20	20	170	35	2	351.50 €

Ref. 590 - Série longue - Long length

Ex. ref. Ø 2 = FOC590-002.000



FORETS A POINTER NC 100°

Série courte et longue

Ø	d	L	I	Z	Prix H.T.
2	2	40	8	2	25.80 €
3	3	45	10	2	22.30 €
4	4	50	12	2	23.60 €
5	5	50	15	2	25.30 €
6	6	60	18	2	29.70 €
7	7	60	23	2	48.10 €
8	8	60	23	2	43.20 €
10	10	70	24	2	62.70 €
12	12	70	24	2	85.70 €
14	14	75	24	2	111.80 €
16	16	80	26	2	147.50 €
20	20	100	35	2	273.90 €



NC spotting drills 100°

Short and long length

Reference	FOC510
Reference	FOC591
Angle	100°
Tol. Ø	h6
Tol. d	h6

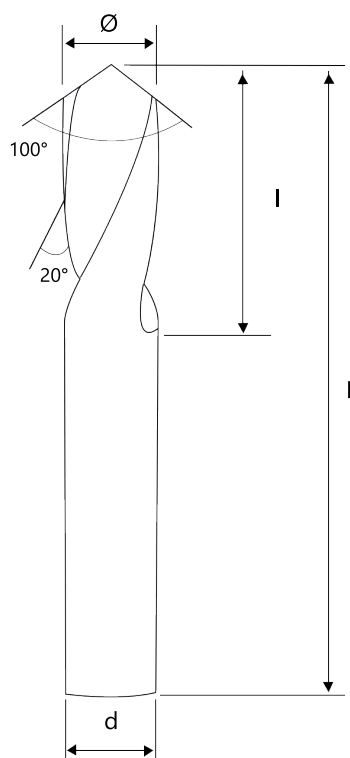
Ref. 510 - Série courte - Short length

Ex. ref. Ø 2 = FOC510-002.000

Ø	d	L	I	Z	Prix H.T.
2	2	80	8	2	30.90 €
3	3	100	10	2	26.40 €
4	4	100	12	2	29.20 €
5	5	100	15	2	32.60 €
6	6	100	18	2	37.30 €
7	7	120	23	2	76.30 €
8	8	120	23	2	71.40 €
10	10	150	24	2	99.70 €
12	12	150	24	2	131.80 €
14	14	160	24	2	171.30 €
16	16	160	26	2	224.20 €
20	20	170	35	2	351.50 €

Ref. 591 - Série longue - Long length

Ex. ref. Ø 2 = FOC591-002.000



FORETS A POINTER NC 120°

Série courte et longue

Ø	d	L	I	Z	Prix H.T.
2	2	40	8	2	25.80 €
3	3	45	10	2	22.30 €
4	4	50	12	2	23.60 €
5	5	50	15	2	25.30 €
6	6	60	18	2	29.70 €
7	7	60	23	2	48.10 €
8	8	60	23	2	43.20 €
10	10	70	24	2	62.70 €
12	12	70	24	2	85.70 €
14	14	75	24	2	111.80 €
16	16	80	26	2	147.50 €
20	20	100	35	2	273.90 €



NC spotting drills 120°

Short and long length

Reference	FOC512
Reference	FOC592
Angle	120°
Tol. Ø	h6
Tol. d	h6

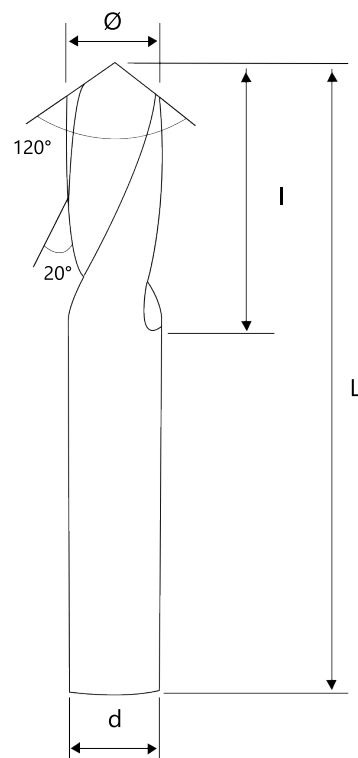
Ref. 512 - Série courte - Short length

Ex. ref. Ø 2 = FOC512-002.000

Ø	d	L	I	Z	Prix H.T.
2	2	80	8	2	30.90 €
3	3	100	10	2	26.40 €
4	4	100	12	2	29.20 €
5	5	100	15	2	32.60 €
6	6	100	18	2	37.30 €
7	7	120	23	2	76.30 €
8	8	120	23	2	71.40 €
10	10	150	24	2	99.70 €
12	12	150	24	2	131.80 €
14	14	160	24	2	171.30 €
16	16	160	26	2	224.20 €
20	20	170	35	2	351.50 €

Ref. 592 - Série longue - Long length

Ex. ref. Ø 2 = FOC592-002.000



FORETS A POINTER NC 140°

Série courte et longue

Ø	d	L	I	Z	Prix H.T.
2	2	40	8	2	25.80 €
3	3	45	10	2	22.30 €
4	4	50	12	2	23.60 €
5	5	50	15	2	25.30 €
6	6	60	18	2	29.70 €
7	7	60	23	2	48.10 €
8	8	60	23	2	43.20 €
10	10	70	24	2	62.70 €
12	12	70	24	2	85.70 €
14	14	75	24	2	111.80 €
16	16	80	26	2	147.50 €
20	20	100	35	2	273.90 €



NC spotting drills 140°

Short and long length

Reference	FOC514
Reference	FOC594
Angle	140°
Tol. Ø	h6
Tol. d	h6

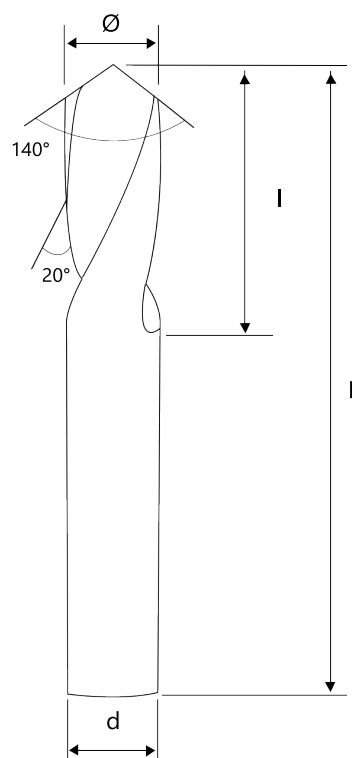
Ref. 514 - Série courte - Short length

Ex. ref. Ø 2 = FOC514-002.000

Ø	d	L	I	Z	Prix H.T.
2	2	80	8	2	30.90 €
3	3	100	10	2	26.40 €
4	4	100	12	2	29.20 €
5	5	100	15	2	32.60 €
6	6	100	18	2	37.30 €
7	7	120	23	2	76.30 €
8	8	120	23	2	71.40 €
10	10	150	24	2	99.70 €
12	12	150	24	2	131.80 €
14	14	160	24	2	171.30 €
16	16	160	26	2	224.20 €
20	20	170	35	2	351.50 €

Ref. 594 - Série longue - Long length

Ex. ref. Ø 2 = FOC594-002.000





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