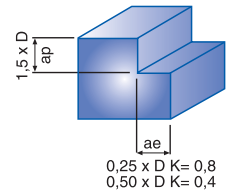
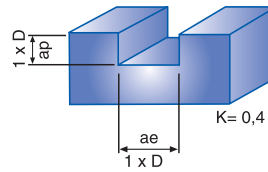
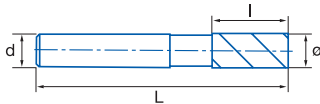


Ref. **4644**

**FRESA FRONTAL DESBASTE FINO HSSE 8% CO NZ**

NZ HSSE 8% Co Fine Pitch Roughing End Mill

Fraise Ebauche Pas Fin HSSE 8% Co NZ



HSSE 8% Co	HSSE 8% Co + TIALSIN	DIN 844 NR-F	ISO 1641		3-5 Z			30°		Tol. D (k12) d (h6)	
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Material	Vc		Refs. 4644-4696 Avances fz*/rev. (mm/min.) Feed / Pas										
	Grupo	Sub.	8% Co	TIALSIN	Ø 4	Ø 6	Ø 8	Ø 10	Ø 12	Ø 16	Ø 20	Ø 25	Ø 30
1	1.2		25-35	35-46	0,014	0,030	0,035	0,050	0,060	0,100	0,100	0,100	0,100
	3.1		20-30	25-45	0,020	0,030	0,035	0,050	0,060	0,100	0,100	0,100	0,100
3	3.2		15-20	20-25	0,014	0,030	0,035	0,050	0,060	0,100	0,100	0,100	0,100
	4		15-20	20-25	0,025	0,042	0,062	0,067	0,080	0,110	0,130	0,130	0,130
5	5.1		60-100	80-140	0,020	0,030	0,035	0,050	0,060	0,100	0,100	0,100	0,100
	5.2		60-100	80-140	0,020	0,030	0,035	0,050	0,060	0,100	0,100	0,100	0,100

\*vf (mm/min.) = r.p.m. x Z x fz x K

(K = Coeficiente Corrección / Correction Coefficient / Coefficient de Correction)

Vc= m/min.

r.p.m. =  $\frac{Vc \times 1000}{\pi \times \phi}$

D mm	d mm	L mm	l mm	Z	Nº Art. 8% Co	€	Nº Art. TIALSIN	€
4,00	6	55	11	3	41857	37,32	41860	43,24
5,00	6	57	13	3	41803	40,23	41856	46,12
6,00	6	57	13	4	46517	32,67	41780	39,43
7,00	10	66	16	4	46520	39,35	41781	47,13
8,00	10	69	19	4	46523	34,09	41782	41,88
9,00	10	69	19	4	46526	40,85	41783	49,36
10,00	10	72	22	4	46529	34,15	41784	40,96
11,00	12	79	22	4	68800	49,94	41785	58,50
12,00	12	83	26	4	46532	40,86	41786	50,51
13,00	12	83	26	4	69564	58,04	41787	67,56

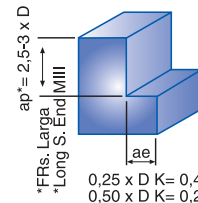
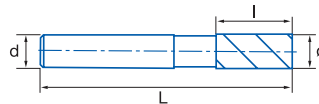
D mm	d mm	L mm	l mm	Z	Nº Art. 8% Co	€	Nº Art. TIALSIN	€
14,00	12	83	26	4	46535	47,79	41788	59,14
15,00	12	83	26	4	69540	62,84	41789	74,21
16,00	16	92	32	4	46538	56,42	41790	69,54
17,00	16	92	32	4	69541	77,44	41791	90,01
18,00	16	92	32	4	46541	61,80	41792	76,73
19,00	16	92	32	4	69552	90,86	41793	102,74
20,00	20	104	38	4	46544	77,47	41794	93,09
25,00	25	121	45	5	52347	114,49	41795	136,02
30,00	25	121	45	5	52362	147,07	41796	178,89

Ref. **4696**

**FRESA FRONTAL DESBASTE FINO HSSE 8% CO NZ LARGA**

Long NZ HSSE 8% Co Fine Pitch Roughing End Mill

Fraise Ebauche Pas Fin HSSE 8% Co NZ Longue



HSSE 8% Co	HSSE 8% Co + TIALSIN	DIN 844 NR-F		4-5 Z			30°		Tol. D (k12) d (h6)	
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D mm	d mm	L mm	l mm	Z	Nº Art. 8% Co	€	Nº Art. TIALSIN	€
6,00	6	68	24	4	43263	46,36	18764	52,05
7,00	10	80	30	4	43264	52,58	18765	59,17
8,00	10	88	38	4	43266	47,94	18766	54,66
9,00	10	88	38	4	43269	52,58	18767	59,90
10,00	10	95	45	4	43272	42,06	18768	50,58
11,00	12	102	45	4	43273	68,28	18769	77,29
12,00	12	110	53	4	43275	51,77	18770	61,23

D mm	d mm	L mm	l mm	Z	Nº Art. 8% Co	€	Nº Art. TIALSIN	€
14,00	12	110	53	4	43276	59,84	18795	69,36
16,00	16	123	63	4	43278	70,01	18796	83,83
18,00	16	123	63	4	43281	82,71	18782	98,19
20,00	20	141	75	4	43282	99,31	18778	115,93
25,00	25	166	90	5	43287	152,80	18779	178,02
30,00	25	166	90	5	43289	232,03	18780	263,13

TIALSIN bajo demanda / upon request / sur demande