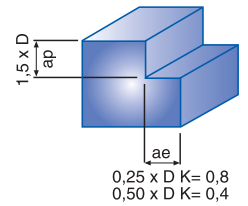
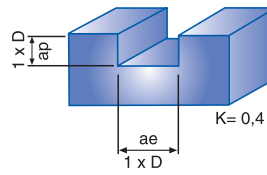
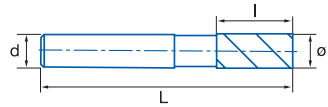


Ref. **6644**

**FRESA FRONTAL DESBASTE FINO PMX NZ**  
 NZ PMX Fine Pitch Roughing End Mill  
 Fraise Ebauche Pas Fin PMX NZ



**IZARMAX**

PMX PMX + TIALCN DIN 844 NR-F 4-6 Z 45° 30° Tol. D (k12) d (h6)

Material		Vc		Refs. 6644-6696 Avances fz*/rev. (mm/min.) Feed / Pas							
Grupo	Sub.	PMX	TIALCN	Ø 6	Ø 8	Ø 10	Ø 12	Ø 16	Ø 20	Ø 25	Ø 32
1	1.2	30-42	45-75	0,030	0,035	0,058	0,069	0,115	0,115	0,115	0,115
1	1.3	12-18	20-35	0,025	0,030	0,052	0,052	0,075	0,075	0,075	0,075
2	2.2	18-24	30-45	0,025	0,030	0,052	0,052	0,075	0,075	0,075	0,075
4		18-24	30-45	0,042	0,062	0,077	0,092	0,127	0,150	0,150	0,150

\*vf (mm/min.) = r.p.m. x Z x fz x K  
 (K = Coeficiente Corrección / Correction Coefficient / Coefficient de Correction)

Vc = m/min.

$$r.p.m. = \frac{Vc \times 1.000}{\pi \times \phi}$$

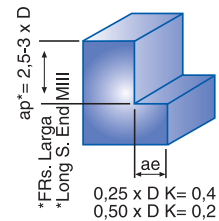


D mm	d mm	L mm	l mm	Z	Nº Art. PMX	€	Nº Art. TIALCN	€
6,00	6	57	13	4	45201	35,24	45529	40,96
7,00	10	66	16	4	23132	44,35	23140	50,50
8,00	10	69	19	4	45204	38,43	45532	44,77
9,00	10	69	19	4	23133	46,02	23141	52,87
10,00	10	72	22	5	45207	36,37	45535	43,53
12,00	12	83	26	5	45209	48,07	45537	55,92
14,00	12	83	26	5	45210	57,98	45538	66,62
16,00	16	92	32	5	45211	71,76	45540	81,78

D mm	d mm	L mm	l mm	Z	Nº Art. PMX	€	Nº Art. TIALCN	€
18,00	16	92	32	5	45213	78,10	45543	89,42
20,00	20	104	38	5	45216	98,70	45546	110,78
22,00	20	104	38	5	14815	120,44	14880	137,40
25,00	25	121	45	5	45219	146,18	45549	162,26
28,00	25	121	45	5	13223	160,39	12822	181,23
30,00	25	121	45	5	14817	194,58	14883	219,18
32,00	32	133	53	6	45717	213,40	45248	235,87

Ref. **6696**

**FRESA FRONTAL DESBASTE FINO PMX NZ LARGA**  
 Long NZ PMX Fine Pitch Roughing End Mill  
 Fraise Ebauche Pas Fin PMX NZ Longue



**IZARMAX**

PMX PMX + TIALCN DIN 844 NR-F 4-6 Z 45° 30° Tol. D (k12) d (h6)



D mm	d mm	L mm	l mm	Z	Nº Art. PMX	€	Nº Art. TIALCN	€
6,00	6	68	24	4	45239	56,77	45558	61,98
8,00	10	88	38	4	45240	58,75	45561	64,68
10,00	10	95	45	4	45241	51,52	45564	58,71
12,00	12	110	53	4	45242	65,97	45567	73,76
14,00	12	110	53	4	45243	76,26	45568	84,23
16,00	16	123	63	4	45244	92,66	45570	103,91

D mm	d mm	L mm	l mm	Z	Nº Art. PMX	€	Nº Art. TIALCN	€
18,00	16	123	63	4	45245	104,46	45571	117,07
20,00	20	141	75	4	45246	136,29	45573	150,10
25,00	25	166	90	5	45247	209,65	45574	230,66
32,00	32	186	106	6	45249	301,68	45261	328,45

Ref. **6647**

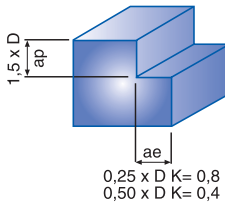
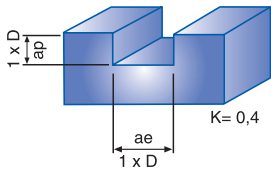
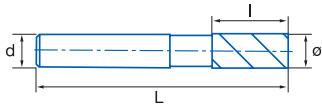
**FRESA FRONTAL DESBASTE FINO PMX NZ INOX**

Stainless NZ PMX Fine Pitch Roughing End Mill

Fraise Ebauche Pas Fin PMX NZ Inox



**IZARMAX**



Material		Vc	Avances fz*/rev. (mm/min.) Feed / Pas						
Grupo	Sub.	TIALCN	Ø 6	Ø 8	Ø 10	Ø 12	Ø 16	Ø 20	Ø 25
2	2.1	20-35	0,025	0,030	0,052	0,052	0,075	0,075	0,075

\*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. =  $\frac{Vc \times 1.000}{\pi \times \phi}$



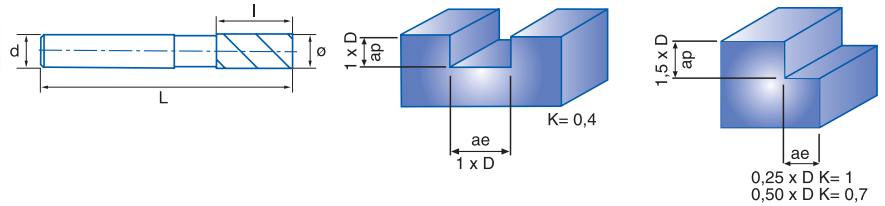
D mm	d mm	L mm	I mm	Z	Nº Art. TIALCN	€
6,00	6	57	13	4	29139	<b>44,47</b>
7,00	10	66	16	4	29140	<b>54,94</b>
8,00	10	69	19	4	29141	<b>48,61</b>
9,00	10	69	19	4	29142	<b>57,47</b>
10,00	10	72	22	4	29143	<b>47,16</b>
12,00	12	83	26	4	29144	<b>60,72</b>
14,00	12	83	26	4	29145	<b>72,42</b>
16,00	16	92	32	5	29146	<b>88,95</b>
18,00	16	92	32	5	29147	<b>97,23</b>
20,00	20	104	38	5	29148	<b>120,65</b>
22,00	20	104	38	5	29150	<b>149,46</b>
25,00	25	121	45	5	29152	<b>176,88</b>



Ref. **6640**

**FRESA FRONTAL DESBASTE GRUESO PMX NZ**

NZ PMX Coarse Roughing End Mill  
Fraise Ebauche PMX NZ



**IZARMAX**



Material		Vc		Refs. 6640-6690 Avances fz*/rev. (mm/min.) Feed / Pas							
Grupo	Sub.	PMX	TIALCN	Ø 6	Ø 8	Ø 10	Ø 12	Ø 16	Ø 20	Ø 25	Ø 32
1	1.1	35-45	55-80	0,030	0,035	0,058	0,069	0,115	0,115	0,115	0,115
5	5.1	70-120	110-210	0,042	0,062	0,077	0,092	0,127	0,150	0,150	0,150
	5.2	70-120	110-210	0,030	0,035	0,058	0,069	0,115	0,115	0,115	0,115
6	6.1	190-240	290-420	0,042	0,062	0,077	0,092	0,127	0,150	0,150	0,150
	6.2	190-240	290-420	0,042	0,062	0,077	0,092	0,127	0,150	0,150	0,150
	6.3	60-96	90-170	0,030	0,035	0,058	0,069	0,115	0,115	0,115	0,115

\* vf (mm/min.) = r.p.m. x Z x fz x K  
(K = Coeficiente Corrección / Correction Coefficient / Coefficient de Correction)

Vc = m/min.

$$r.p.m. = \frac{Vc \times 1.000}{\pi \times \phi}$$

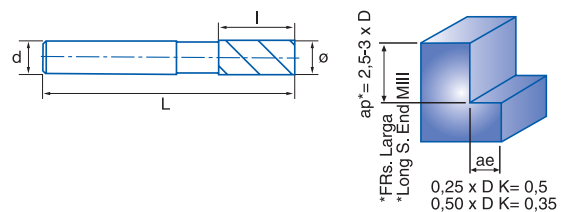


D mm	d mm	L mm	I mm	Z	Nº Art. PMX	€	Nº Art. TIALCN	€	D mm	d mm	L mm	I mm	Z	Nº Art. PMX	€	Nº Art. TIALCN	€
6,00	6	57	13	4	20903	32,02	21029	37,22	18,00	16	92	32	5	20912	71,00	21035	81,50
7,00	10	66	16	4	23138	40,32	23142	46,27	20,00	20	104	38	5	20915	89,73	21036	101,25
8,00	10	69	19	4	20904	34,93	21030	40,87	22,00	20	104	38	5	21078	109,50	21095	125,34
9,00	10	69	19	4	23139	41,84	23143	48,33	25,00	25	121	45	5	20917	132,90	21037	148,75
10,00	10	72	22	5	20905	33,06	21031	39,64	28,00	25	121	45	5	22117	145,97	22400	190,75
12,00	12	83	26	5	20907	43,69	21032	50,79	30,00	25	121	45	5	21083	176,88	21096	199,37
14,00	12	83	26	5	20908	52,71	21033	60,67	32,00	32	133	53	6	20922	193,98	21038	216,47
16,00	16	92	32	5	20909	65,24	21034	74,59									

Ref. **6690**

**FRESA FRONTAL DESBASTE GRUESO PMX NZ LARGA**

Long NZ PMX Coarse Roughing End Mill  
Fraise Ebauche PMX NZ Longue



**IZARMAX**

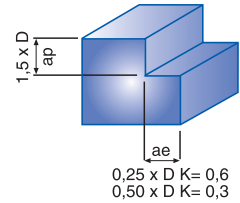
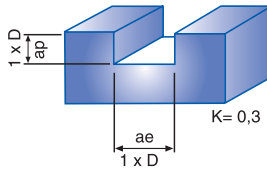
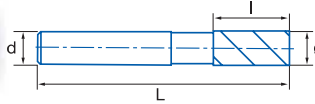


D mm	d mm	L mm	I mm	Z	Nº Art. PMX	€	Nº Art. TIALCN	€	D mm	d mm	L mm	I mm	Z	Nº Art. PMX	€	Nº Art. TIALCN	€
6,00	6	68	24	4	20568	51,10	20578	56,31	18,00	16	123	63	4	20574	94,01	20584	106,63
8,00	10	88	38	4	20569	52,87	20579	58,82	20,00	20	141	75	4	20575	122,66	20585	136,47
10,00	10	95	45	4	20570	46,37	20580	53,56	25,00	25	166	90	5	20576	188,70	20586	209,70
12,00	12	110	53	4	20571	59,35	20581	67,13	32,00	32	186	106	6	20577	271,51	20587	298,28
14,00	12	110	53	4	20572	68,62	20582	76,60									
16,00	16	123	63	4	20573	83,40	20583	94,63									

Ref. **6642**

**FRESA FRONTAL DESBASTE MEDIO PMX NZ**

NZ PMX Roughing & Finishing End Mill  
Fraise Semi-Finition PMX NZ



**IZARMAX**

PMX PMX + TIALCN DIN 844 NF 4-5 Z 45° 30° Tol. D (k12) d (h6)

Material		Vc		Refs. 6642-6692 Avances fz*/rev. (mm/min.) Feed / Pas					
Grupo	Sub.	PMX	TIALCN	Ø 6	Ø 8	Ø 10	Ø 12	Ø 16	Ø 20
1	1.1	35-45	55-80	0,030	0,035	0,058	0,069	0,115	0,115
4		18-24	30-45	0,042	0,062	0,077	0,092	0,127	0,150
5	5.1	70-120	110-210	0,042	0,062	0,077	0,092	0,127	0,150
	5.2	60-100	90-190	0,030	0,035	0,058	0,069	0,115	0,115

\*vf (mm/min.) = r.p.m. x Z x fz x K  
(K = Coeficiente Corrección / Correction Coefficient / Coefficient de Correction)

Vc= m/min.

$$r.p.m. = \frac{Vc \times 1.000}{\pi \times \phi}$$

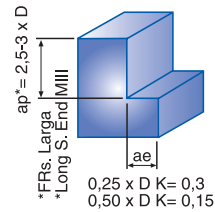
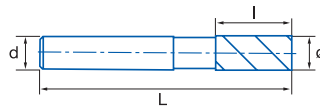


D mm	d mm	L mm	l mm	Z	Nº Art. PMX	€	Nº Art. TIALCN	€
6,00	6	57	13	4	13231	30,92	13224	36,58
8,00	10	69	19	4	13233	38,80	13225	45,50
10,00	10	72	22	5	13235	30,21	13226	38,18
12,00	12	83	26	5	13236	40,20	13227	49,40
14,00	12	83	26	5	13237	45,83	13228	56,13
16,00	16	92	32	5	13242	53,89	13229	66,62
20,00	20	104	38	5	13245	79,16	13230	94,88

Ref. **6692**

**FRESA FRONTAL DESBASTE MEDIO PMX NZ LARGA**

Long NZ PMX Roughing & Finishing End Mill  
Fraise Semi-Finition PMX NZ Longue



**IZARMAX**

PMX PMX + TIALCN DIN 844 NF 4 Z 45° 30° Tol. D (k12) d (h6)



D mm	d mm	L mm	l mm	Z	Nº Art. PMX	€	Nº Art. TIALCN	€
6,00	6	68	24	4	13263	45,44	13248	50,65
8,00	10	88	38	4	13266	52,32	13251	58,28
10,00	10	95	45	4	13269	48,95	13254	56,90
12,00	12	110	53	4	13272	66,72	13257	75,58
16,00	16	123	63	4	13275	91,75	13260	105,52
20,00	20	141	75	4	13278	126,84	13262	143,99

Ref. **6444**

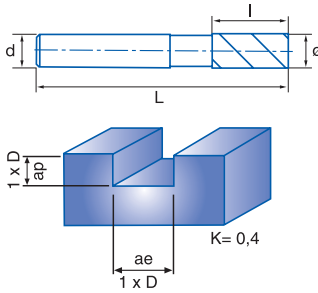
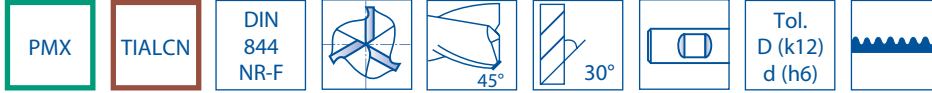
## FRESA FRONTAL DESBASTE FINO PMX 3Z

3Z PMX Fine Pitch Roughing End Mill

Fraise Ebauche Pas Fin PMX 3Z



**IZARMAX**



Material		Vc		Avances fz*/rev. (mm/min.) Feed / Pas							
Grupo	Sub.	PMX	TIALCN	Ø 6	Ø 8	Ø 10	Ø 12	Ø 16	Ø 20	Ø 25	Ø 30
1	1.2	30-42	45-75	0,030	0,035	0,058	0,069	0,115	0,115	0,115	0,115
1	1.3	12-18	20-35	0,025	0,030	0,052	0,052	0,075	0,075	0,075	0,075
2	2.2	18-24	30-45	0,025	0,030	0,052	0,052	0,075	0,075	0,075	0,075

$$*vf \text{ (mm/min.)} = \text{r.p.m.} \times Z \times fz \times K$$

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

Vc= m/min.

$$\text{r.p.m.} = \frac{Vc \times 1.000}{\pi \times \phi}$$



D mm	d mm	L mm	l mm	Z	N° Art. PMX	€	N° Art. TIALCN	€
4,00	6	55	11	3	20875	<b>38,96</b>	21017	<b>45,29</b>
5,00	6	57	13	3	20881	<b>38,96</b>	21018	<b>45,29</b>
6,00	6	57	13	3	20884	<b>38,96</b>	21019	<b>45,29</b>
8,00	10	69	19	3	20888	<b>42,49</b>	21020	<b>49,51</b>
10,00	10	72	22	3	20889	<b>42,25</b>	21021	<b>48,14</b>
12,00	12	83	26	3	20890	<b>52,37</b>	21022	<b>59,87</b>
14,00	12	83	26	3	20893	<b>63,48</b>	21023	<b>71,91</b>
16,00	16	92	32	3	20895	<b>75,01</b>	21024	<b>84,90</b>
18,00	16	92	32	3	20897	<b>86,37</b>	21025	<b>98,88</b>
20,00	20	104	38	3	20898	<b>106,79</b>	21026	<b>118,97</b>
25,00	25	121	45	3	20899	<b>157,95</b>	21027	<b>174,71</b>
28,00	25	121	45	3	11129	<b>158,94</b>	13195	<b>190,76</b>
30,00	25	121	45	3	20900	<b>211,82</b>	21028	<b>235,59</b>