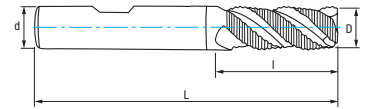


Ref. **4447**

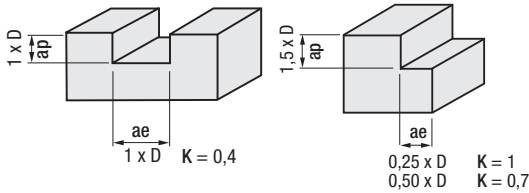
**FRESA FRONTAL DESBASTE GRUESO HSSE 8% CO 3Z**

3Z HSSE 8% Co Coarse Roughing End Mill

Fraise ébauche HSSE 8% Co 3Z



HSSE 8% Co	HSSE 8% Co + TIALSIN	DIN 844 WR	ISO 1641/1				DIN 1835 B	Tol. D (k12) d (h6)	
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Material		Vc (m/min)		Refs. 4447-4497 - Avances fz/rev. (mm/z) - Feed - Pas						
Grupo	Sub.	8% Co	TIALSIN	Ø 8	Ø 10	Ø 12	Ø 16	Ø 20	Ø 25	Ø 30
P	P.1	30-40	40-56	0,035	0,050	0,060	0,100	0,100	0,100	0,100
	N.1	60-100	80-140	0,035	0,050	0,060	0,100	0,100	0,100	0,100
N	N.2	60-100	80-140	0,035	0,050	0,060	0,100	0,100	0,100	0,100
	N.3	160-200	220-280	0,062	0,067	0,080	0,100	0,130	0,130	0,130
	N.4	160-200	220-280	0,062	0,067	0,080	0,100	0,130	0,130	0,130
	N.5	50-80	70-110	0,035	0,050	0,060	0,100	0,100	0,100	0,100

$r.p.m. = \frac{Vc \times 1.000}{\pi \times \phi}$       K = Coeficiente corrección  
 Correction coefficient  
 Coefficient correction

Vf (mm/min.) = r.p.m. x Z x fz x K

D mm	d mm	L mm	I mm	Z	Nº Art. 8% Co	€	Nº Art. TIALSIN	€
<b>6,00</b>	6	57	13	3	44741	<b>32,52</b>	24366	<b>38,20</b>
<b>8,00</b>	10	69	19	3	44744	<b>35,48</b>	17623	<b>41,17</b>
<b>9,00</b>	10	69	19	3	78849	<b>42,38</b>	17624	<b>49,49</b>
<b>10,00</b>	10	72	22	3	44747	<b>35,50</b>	17626	<b>43,69</b>
<b>11,00</b>	12	79	22	3	78850	<b>51,76</b>	17174	<b>59,52</b>
<b>12,00</b>	12	83	26	3	44750	<b>42,60</b>	17597	<b>50,36</b>
<b>13,00</b>	12	83	26	3	78851	<b>56,39</b>	17175	<b>65,12</b>
<b>14,00</b>	12	83	26	3	44753	<b>48,68</b>	17627	<b>57,38</b>

D mm	d mm	L mm	I mm	Z	Nº Art. 8% Co	€	Nº Art. TIALSIN	€
<b>15,00</b>	12	83	26	3	78852	<b>63,70</b>	17176	<b>73,91</b>
<b>16,00</b>	16	92	32	3	44756	<b>59,01</b>	17599	<b>71,17</b>
<b>18,00</b>	16	92	32	3	44759	<b>64,70</b>	17600	<b>78,84</b>
<b>20,00</b>	20	104	38	3	44762	<b>79,72</b>	17601	<b>92,33</b>
<b>22,00</b>	20	104	38	3	44765	<b>97,28</b>	24367	<b>114,54</b>
<b>25,00</b>	25	121	45	3	44768	<b>119,24</b>	17628	<b>136,59</b>
<b>30,00</b>	25	121	45	3	40334	<b>148,79</b>	17629	<b>175,13</b>

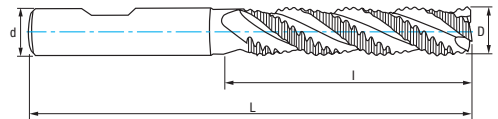
TIALSIN bajo demanda / upon request / sur demande

Ref. **4497**

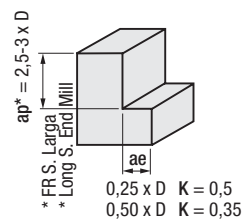
**FRESA FRONTAL DESBASTE GRUESO HSSE 8% CO 3Z LARGA**

Long 3Z HSSE 8% Co Coarse Roughing End Mill

Fraise ébauche HSSE 8% Co 3Z longue



HSSE 8% Co	HSSE 8% Co + TIALSIN	DIN 844 WR	ISO 1641/1				DIN 1835 B	Tol. D (k12) d (h6)	
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D mm	d mm	L mm	I mm	Z	Nº Art. 8% Co	€	Nº Art. TIALSIN	€
<b>8,00</b>	10	88	38	3	78862	<b>42,16</b>	17155	<b>48,98</b>
<b>10,00</b>	10	95	45	3	78863	<b>43,80</b>	20784	<b>52,67</b>
<b>12,00</b>	12	110	53	3	78864	<b>48,74</b>	43137	<b>58,78</b>
<b>14,00</b>	12	110	53	3	78865	<b>53,18</b>	19653	<b>64,51</b>
<b>16,00</b>	16	123	63	3	78866	<b>60,30</b>	17872	<b>77,53</b>

D mm	d mm	L mm	I mm	Z	Nº Art. 8% Co	€	Nº Art. TIALSIN	€
<b>18,00</b>	16	123	63	3	78867	<b>71,86</b>	21069	<b>86,74</b>
<b>20,00</b>	20	141	75	3	78868	<b>80,74</b>	21070	<b>96,99</b>
<b>25,00</b>	25	166	90	3	40338	<b>119,42</b>	21071	<b>141,55</b>
<b>30,00</b>	25	166	90	3	40342	<b>153,24</b>	21072	<b>185,11</b>

TIALSIN bajo demanda / upon request / sur demande