

- Punte in MD 3xD - 5xD - 8xD
- Frese in MD 2, 3, 4 taglienti
- Frese in MD passo variabile



 **WST**  
world • selection • tools


**FORATURA MD**  
**3XD - 5XD - 8XD**


Descrizione	Pagina Cat.	Applicazioni		Radice	Diametri (mm)		Prezzo Listino	Prezzo Scontato
		✓✓	✓		da	a		
Punta elicoidale MD TiAlN    	A29	P2 P3 P4	P1 P5 M1 K1	P1010	3.00	6.00	€ <del>31,72</del>	€ 14,27
					6.10	8.00	€ <del>53,20</del>	€ 23,94
					8.10	10.00	€ <del>68,36</del>	€ 30,76
					10.10	12.00	€ <del>85,96</del>	€ 38,68
					12.30	14.00	€ <del>128,20</del>	€ 57,69
					14.50	16.00	€ <del>157,28</del>	€ 70,78
					16.50	18.00	€ <del>192,48</del>	€ 86,62
					18.50	20.00	€ <del>236,36</del>	€ 106,36
Punta elicoidale MD TiAlN    	A29	P2 P3 P4	P1 P5 M1 K1	P1013	3.00	6.00	€ <del>55,76</del>	€ 25,09
					6.10	8.00	€ <del>75,80</del>	€ 34,11
					8.10	10.00	€ <del>84,96</del>	€ 38,23
					10.10	12.00	€ <del>121,60</del>	€ 54,72
					12.10	14.00	€ <del>169,84</del>	€ 76,43
					14.10	16.00	€ <del>207,32</del>	€ 93,29
					16.10	18.00	€ <del>333,12</del>	€ 149,90
					18.50	20.00	€ <del>356,08</del>	€ 160,24
Punta elicoidale MD TiAlN INOX    	A29	P1 P2 P3 M1 M2	N1 S1	P1016	3.00	6.00	€ <del>55,76</del>	€ 25,09
					6.10	8.00	€ <del>75,80</del>	€ 34,11
					8.10	10.00	€ <del>84,96</del>	€ 38,23
					10.10	12.00	€ <del>121,60</del>	€ 54,72
					12.50	14.00	€ <del>169,84</del>	€ 76,43
					14.50	16.00	€ <del>207,32</del>	€ 93,29
					16.50	18.00	€ <del>333,12</del>	€ 149,90
					18.50	20.00	€ <del>363,92</del>	€ 163,76
Punta elicoidale MD TiAlN    	A33	P2 P3 P4	P1 P5 M1 K1	P1019	1.00	2.90	€ <del>36,88</del>	€ 16,60
					3.00	6.00	€ <del>46,64</del>	€ 20,99
					6.10	8.00	€ <del>57,28</del>	€ 25,78
					8.10	10.00	€ <del>73,80</del>	€ 33,21
					10.10	12.00	€ <del>114,72</del>	€ 51,62
					12.30	14.00	€ <del>135,84</del>	€ 61,13
					14.50	16.00	€ <del>171,08</del>	€ 76,99
					16.50	18.00	€ <del>216,80</del>	€ 97,56
18.50	20.00	€ <del>271,88</del>	€ 122,35					

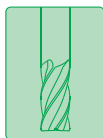
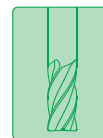














## FORATURA MD

### 3xD - 5xD - 8xD



Descrizione	Pagina Cat.	Applicazioni		Radice	Diametri (mm)		Prezzo Listino	Prezzo Scontato
		✓✓	✓		da	a		
Punta elicoidale MD TiAlN    	A33	P2 P3 P4	P1 P5 M1 K1	P1022	1.00	2.90	€ <del>63,32</del>	€ 28,49
					3.00	6.00	€ <del>71,60</del>	€ 32,22
					6.10	8.00	€ <del>79,16</del>	€ 35,62
					8.10	10.00	€ <del>94,16</del>	€ 42,37
					10.10	12.00	€ <del>132,40</del>	€ 59,58
					12.10	14.00	€ <del>178,12</del>	€ 80,15
					14.10	16.00	€ <del>235,52</del>	€ 105,98
					16.10	18.00	€ <del>352,28</del>	€ 158,53
					18.10	20.00	€ <del>403,28</del>	€ 181,48
Punta elicoidale MD TiAlN INOX    	A33	P1 P2 P3 M1 M2	N1 S1	P1025	1.00	2.90	€ <del>63,32</del>	€ 28,49
					3.00	6.00	€ <del>71,60</del>	€ 32,22
					6.10	8.00	€ <del>84,96</del>	€ 38,23
					8.10	10.00	€ <del>94,16</del>	€ 42,37
					10.10	12.00	€ <del>132,40</del>	€ 59,58
					12.50	14.00	€ <del>174,32</del>	€ 78,44
					14.50	16.00	€ <del>230,56</del>	€ 103,75
					16.50	18.00	€ <del>344,68</del>	€ 155,11
					18.50	20.00	€ <del>394,64</del>	€ 177,59
Punta elicoidale MD TiAlN    	A41	P2 P3 P4	P1 P5 M1 K1	P1028	3.00	6.00	€ <del>140,12</del>	€ 63,05
					6.10	8.00	€ <del>152,60</del>	€ 68,67
					8.10	10.00	€ <del>206,56</del>	€ 92,95
					10.10	12.00	€ <del>272,28</del>	€ 122,53
					12.50	14.00	€ <del>312,08</del>	€ 140,44


**FRESATURA MD**


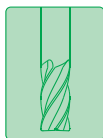
Descrizione	Pagina Cat.	Applicazioni		Radice	Diametro (mm)	Raggio (mm)	Lunghezza Totale (mm)	Prezzo Listino	Prezzo Scontato
		✓✓	✓						
Fresa 2 taglienti MD rivestimento WST        	C17	P1 P2 P3 P4 P5	M1 M2 K1 N1 S1	F1013	1.00	-	40	<del>€ 23,86</del>	€ 10,74
					1.50	-	40	<del>€ 22,88</del>	€ 10,30
					2.00	-	32	<del>€ 19,64</del>	€ 8,84
					2.50	-	32	<del>€ 19,64</del>	€ 8,84
					3.00	-	32	<del>€ 19,64</del>	€ 8,84
					3.50	-	32	<del>€ 22,06</del>	€ 9,93
					4.00	-	40	<del>€ 22,06</del>	€ 9,93
					4.50	-	50	<del>€ 23,12</del>	€ 10,40
					5.00	-	50	<del>€ 23,12</del>	€ 10,40
					5.50	-	50	<del>€ 25,58</del>	€ 11,51
					6.00	-	50	<del>€ 25,58</del>	€ 11,51
					7.00	-	60	<del>€ 34,36</del>	€ 15,46
					8.00	-	60	<del>€ 41,33</del>	€ 18,60
					Fresa 3 taglienti MD rivestimento WST        	C17	P1 P2 P3 P4 P5	M1 M2 K1 N1 S1	F1067
1.50	-	40	<del>€ 22,92</del>	€ 10,31					
2.00	-	32	<del>€ 19,64</del>	€ 8,84					
2.50	-	32	<del>€ 19,64</del>	€ 8,84					
3.00	-	32	<del>€ 19,64</del>	€ 8,84					
3.50	-	32	<del>€ 22,06</del>	€ 9,93					
4.00	-	40	<del>€ 22,06</del>	€ 9,93					
4.50	-	50	<del>€ 23,12</del>	€ 10,40					
5.00	-	50	<del>€ 23,12</del>	€ 10,40					
5.50	-	50	<del>€ 25,58</del>	€ 11,51					
6.00	-	50	<del>€ 25,58</del>	€ 11,51					
7.00	-	60	<del>€ 34,36</del>	€ 15,46					
8.00	-	60	<del>€ 41,33</del>	€ 18,60					
9.00	-	60	<del>€ 56,09</del>	€ 25,24					
10.00	-	70	<del>€ 62,36</del>	€ 28,06					
12.00	-	70	<del>€ 85,28</del>	€ 38,38					
14.00	-	75	<del>€ 113,78</del>	€ 51,20					
16.00	-	75	<del>€ 149,49</del>	€ 67,27					
20.00	-	100	<del>€ 253,22</del>	€ 113,95					

**FRESATURA MD**

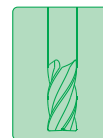
Descrizione	Pagina Cat.	Applicazioni		Radice	Diametro (mm)	Raggio (mm)	Lunghezza Totale (mm)	Prezzo Listino	Prezzo Scontato
		✓✓	✓						
Fresa 4 taglienti MD rivestimento WST    	<b>C17</b>	P1 P2 P3 P4 P5	M1 M2 K1 N1 S1	<b>F1106</b>	2.00	-	32	<del>€ 19,64</del>	<b>€ 8,84</b>
					2.50	-	32	<del>€ 19,64</del>	<b>€ 8,84</b>
					3.00	-	32	<del>€ 19,64</del>	<b>€ 8,84</b>
					3.50	-	32	<del>€ 22,06</del>	<b>€ 9,93</b>
					4.00	-	40	<del>€ 22,06</del>	<b>€ 9,93</b>
					4.50	-	50	<del>€ 23,12</del>	<b>€ 10,40</b>
					5.00	-	50	<del>€ 23,12</del>	<b>€ 10,40</b>
					5.50	-	50	<del>€ 25,58</del>	<b>€ 11,51</b>
					6.00	-	50	<del>€ 25,58</del>	<b>€ 11,51</b>
					7.00	-	60	<del>€ 34,36</del>	<b>€ 15,46</b>
					8.00	-	60	<del>€ 41,33</del>	<b>€ 18,60</b>
					9.00	-	60	<del>€ 56,09</del>	<b>€ 25,24</b>
					10.00	-	70	<del>€ 62,36</del>	<b>€ 28,06</b>
					12.00	-	70	<del>€ 85,28</del>	<b>€ 38,38</b>
					14.00	-	75	<del>€ 113,78</del>	<b>€ 51,20</b>
					16.00	-	75	<del>€ 149,49</del>	<b>€ 67,27</b>
Fresa 2 taglienti MD semisferica rivestimento WST    	<b>C66</b>	P1 P2 P3 P4 P5	M1 K1 N1 S1 H1	<b>F1208</b>	2.00	1.00	48	<del>€ 26,40</del>	<b>€ 11,88</b>
					2.50	1.25	48	<del>€ 26,40</del>	<b>€ 11,88</b>
					3.00	1.50	48	<del>€ 26,40</del>	<b>€ 11,88</b>
					4.00	2.00	40	<del>€ 26,53</del>	<b>€ 11,94</b>
					4.00	2.00	50	<del>€ 27,55</del>	<b>€ 12,40</b>
					5.00	2.50	50	<del>€ 28,09</del>	<b>€ 12,64</b>
					5.00	2.50	51	<del>€ 28,66</del>	<b>€ 12,90</b>
					6.00	3.00	51	<del>€ 31,12</del>	<b>€ 14,00</b>
					8.00	4.00	59	<del>€ 48,30</del>	<b>€ 21,74</b>
					10.00	5.00	60	<del>€ 77,08</del>	<b>€ 34,69</b>
					12.00	6.00	71	<del>€ 99,06</del>	<b>€ 44,58</b>
					14.00	7.00	71	<del>€ 116,44</del>	<b>€ 52,40</b>
					16.00	8.00	76	<del>€ 156,05</del>	<b>€ 70,22</b>
					18.00	9.00	76	<del>€ 169,54</del>	<b>€ 76,29</b>
20.00	10.00	82	<del>€ 240,38</del>	<b>€ 108,17</b>					
Fresa multitagliente MD per sgrossatura bombato grosso rivestimento WST    	<b>C49</b>	P1 P2 P3 P4 P5	M1 M2 K1 N1 S1	<b>F1148</b>	6.00	-	57	<del>€ 47,23</del>	<b>€ 21,25</b>
					8.00	-	63	<del>€ 52,36</del>	<b>€ 23,56</b>
					10.00	-	72	<del>€ 84,21</del>	<b>€ 37,89</b>
					12.00	-	83	<del>€ 114,55</del>	<b>€ 51,55</b>
					14.00	-	83	<del>€ 139,97</del>	<b>€ 62,99</b>
					16.00	-	92	<del>€ 178,43</del>	<b>€ 80,29</b>
					18.00	-	92	<del>€ 237,92</del>	<b>€ 107,06</b>
					20.00	-	104	<del>€ 270,89</del>	<b>€ 121,90</b>






## FRESATURA MD EVOLVENTE VARIABILE

Descrizione	Pagina Cat.	Applicazioni		Radice	Diametro (mm)	Raggio (mm)	Lunghezza Totale (mm)	Prezzo Listino	Prezzo Scontato
		✓✓	✓						
Fresa 4 taglienti MD rivestimento TiAlN Torica evolvente variabile per Inox    	C62	P1 P2 M1 M2 S1	P3 P4	F1187	3.00	0.30	54	<del>€ 37,43</del>	€ 16,84
					4.00	0.30	54	<del>€ 37,43</del>	€ 16,84
					5.00	0.30	54	<del>€ 37,43</del>	€ 16,84
					6.00	0.50	54	<del>€ 37,43</del>	€ 16,84
					8.00	0.50	58	<del>€ 52,19</del>	€ 23,49
					10.00	0.50	66	<del>€ 72,69</del>	€ 32,71
					12.00	0.70	73	<del>€ 108,20</del>	€ 48,69
					14.00	0.70	75	<del>€ 134,36</del>	€ 60,46
					16.00	1.00	82	<del>€ 173,10</del>	€ 77,90
					18.00	1.00	84	<del>€ 259,08</del>	€ 116,59
					20.00	1.00	92	<del>€ 262,11</del>	€ 117,95
Fresa 4 taglienti MD rivestimento TiAlN evolvente variabile    	C45	P2 M1 S1	P2 P3 P4 M2	F1124	3.00	-	54	<del>€ 31,08</del>	€ 13,99
					4.00	-	54	<del>€ 31,08</del>	€ 13,99
					5.00	-	54	<del>€ 31,08</del>	€ 13,99
					6.00	-	54	<del>€ 31,08</del>	€ 13,99
					8.00	-	58	<del>€ 44,08</del>	€ 19,84
					10.00	-	66	<del>€ 62,16</del>	€ 27,97
					12.00	-	73	<del>€ 92,70</del>	€ 41,72
					14.00	-	75	<del>€ 115,09</del>	€ 51,79
					16.00	-	82	<del>€ 152,23</del>	€ 68,50
					20.00	-	92	<del>€ 231,94</del>	€ 104,37
					Fresa 4 taglienti MD rivestimento TiAlN Torica evolvente variabile scaricata    	C92	M1 K1	P1 P2 P3 P4 P5	F1271
3.00	0.30	57	<del>€ 43,38</del>	€ 19,52					
4.00	0.30	57	<del>€ 43,38</del>	€ 19,52					
4.00	0.30	63	<del>€ 43,38</del>	€ 19,52					
5.00	0.30	57	<del>€ 43,38</del>	€ 19,52					
5.00	0.30	67	<del>€ 43,38</del>	€ 19,52					
6.00	0.50	57	<del>€ 43,38</del>	€ 19,52					
6.00	0.50	62	<del>€ 43,38</del>	€ 19,52					
6.00	0.50	74	<del>€ 43,38</del>	€ 19,52					
8.00	0.50	63	<del>€ 59,86</del>	€ 26,94					
8.00	0.50	73	<del>€ 66,13</del>	€ 29,76					
8.00	0.50	90	<del>€ 71,22</del>	€ 32,05					
10.00	0.50	72	<del>€ 82,21</del>	€ 36,99					
10.00	0.50	82	<del>€ 93,69</del>	€ 42,16					
10.00	0.50	102	<del>€ 98,61</del>	€ 44,37					
12.00	0.70	83	<del>€ 112,46</del>	€ 50,61					
12.00	0.70	93	<del>€ 117,96</del>	€ 53,08					
12.00	0.70	117	<del>€ 150,76</del>	€ 67,84					
16.00	1.00	92	<del>€ 180,24</del>	€ 81,11					
20.00	1.00	104	<del>€ 272,45</del>	€ 122,60					



## FRESATURA MD EVOLVENTE VARIABILE



Descrizione	Pagina Cat.	Applicazioni		Radice	Diametro (mm)	Raggio (mm)	Lunghezza Totale (mm)	Prezzo Listino	Prezzo Scontato
		✓✓	✓						
Fresa 4 taglienti MD rivestimento TiAlN evolvente variabile per Inox scaricata       	C89	P1 P2 M1 M2 S1	P3 P4	F1256	3.00	-	54	<del>€ 37,56</del>	€ 16,90
					3.00	-	57	<del>€ 37,56</del>	€ 16,90
					4.00	-	57	<del>€ 37,56</del>	€ 16,90
					4.00	-	63	<del>€ 37,56</del>	€ 16,90
					5.00	-	57	<del>€ 37,56</del>	€ 16,90
					5.00	-	67	<del>€ 37,56</del>	€ 16,90
					6.00	-	57	<del>€ 37,56</del>	€ 16,90
					6.00	-	62	<del>€ 37,56</del>	€ 16,90
					6.00	-	74	<del>€ 37,56</del>	€ 16,90
					8.00	-	63	<del>€ 47,68</del>	€ 21,46
					8.00	-	73	<del>€ 52,85</del>	€ 23,78
					8.00	-	90	<del>€ 57,36</del>	€ 25,81
					10.00	-	72	<del>€ 72,94</del>	€ 32,82
					10.00	-	82	<del>€ 83,64</del>	€ 37,64
					10.00	-	102	<del>€ 87,78</del>	€ 39,50
					12.00	-	83	<del>€ 101,35</del>	€ 45,61
					12.00	-	93	<del>€ 105,94</del>	€ 47,67
					12.00	-	117	<del>€ 136,86</del>	€ 61,59
					16.00	-	92	<del>€ 165,15</del>	€ 74,32
					16.00	-	109	<del>€ 212,30</del>	€ 95,54
16.00	-	141	<del>€ 227,92</del>	€ 102,56					
20.00	-	104	<del>€ 250,51</del>	€ 112,73					
20.00	-	124	<del>€ 323,33</del>	€ 145,50					



w o r l d • s e l e c t i o n • t o o l s

P1	P2	P3	P4	P5	M1	M2	K1	N1	N2	N3	S1	H1
<b>Acciai</b>					<b>Inox</b>		<b>Ghisa</b>	<b>Alluminio &amp; Materiali non ferrosi</b>			<b>Leghe di Titanio</b>	<b>Acciai Temprati</b>
< 500 N/mm <sup>2</sup>	< 750 N/mm <sup>2</sup>	< 900 N/mm <sup>2</sup>	< 1100 N/mm <sup>2</sup>	< 1500 N/mm <sup>2</sup>	< 800 N/mm <sup>2</sup>	> 800 N/mm <sup>2</sup>		<b>Alu</b> Si <10%	<b>Alu</b> Si >10%	<b>Mat. non Ferrosi</b>		



Distribuito da:

