

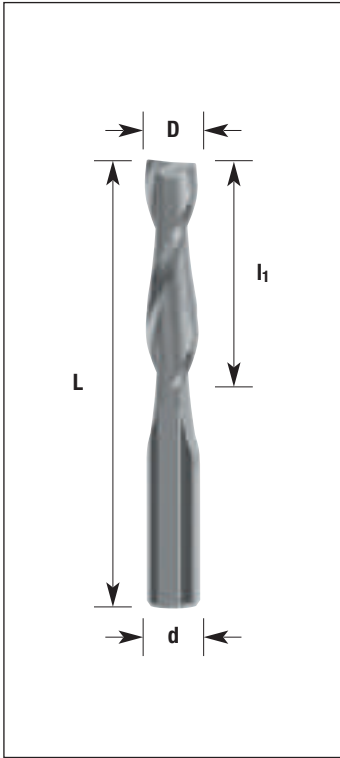
end mills - long / extra long

Schafffräser - lang / extra lang

fraise en bout - longue / extra longue

fresas frontales - serie larga / serie extra larga

frese lunghe / extra lunghe



146

Z=2

	tol: D 1 - 7mm +0.000/-0.051mm > 7 - 25mm +0.000/-0.076mm 1/16" - 1/4" +0.000"/-0.002" > 1/4" - 1" +0.000"/-0.003"	tol: d 1 - 25mm h6 1/32" - 1" +0.000"/-0.0005"								
Micro Grain K10/K30	<table border="0"> <tr> <td>1.1 - 1.3</td> <td>4.1 - 5.3</td> </tr> <tr> <td>1.4 - 1.6</td> <td>6.1 - 8.3</td> </tr> <tr> <td>2.1 - 2.3</td> <td>9.1</td> </tr> <tr> <td>3.1 - 3.4</td> <td></td> </tr> </table>	1.1 - 1.3	4.1 - 5.3	1.4 - 1.6	6.1 - 8.3	2.1 - 2.3	9.1	3.1 - 3.4		
1.1 - 1.3	4.1 - 5.3									
1.4 - 1.6	6.1 - 8.3									
2.1 - 2.3	9.1									
3.1 - 3.4										

D mm	d mm	L mm	l ₁ mm	Part Nr
3	3	65	25	14611810
4	4	65	25	14615750
5	5	75	25	14619680
6	6	75	25	14623620
6	6	100	38	14623620-XL
8	8	75	25	14631500
8	8	100	38	14631500-XL
10	10	100	38	14639370
12	12	100	50	14647240
12	12	150	75	14647240-XL
14	14	150	75	14655120
16	16	150	75	14662990
18	18	150	75	14670870
20	20	150	75	14678740

D ins	d ins	L ins	l ₁ ins	Part Nr
1/8	1/8	2 1/2	1	14612500
3/16	3/16	3	1 1/8	14618750
1/4	1/4	3	1 1/8	14625000
5/16	5/16	3	1 1/8	14631250
3/8	3/8	4	1 3/4	14637500
7/16	7/16	4 1/2	2	14643750
1/2	1/2	4 1/2	2	14650000
5/8	5/8	5	2 1/4	14662500
3/4	3/4	5	2 1/4	14675000

end mills - long / extra long

Schafffräser - lang / extra lang




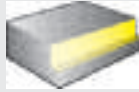
fraise en bout - longue / extra longue

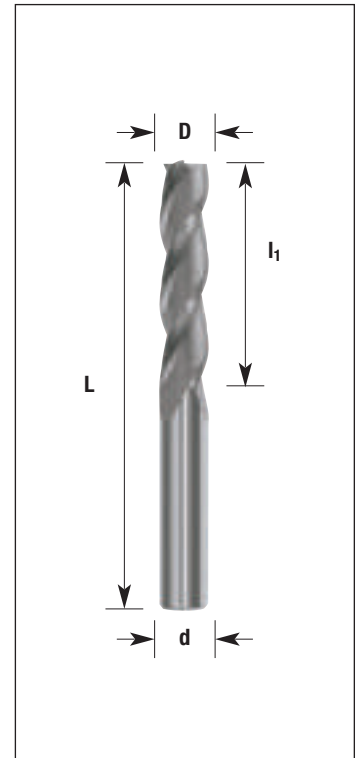
fresas frontales - serie larga / serie extra larga

frese lunghe / extra lunghe

147

Z=3

		tol: D 1 - 7mm +0.000/-0.051mm > 7 - 25mm +0.000/-0.076mm 1/16" - 1/4" +0.000"/-0.002" > 1/4" - 1" +0.000"/-0.003"	tol: d h6								
Micro Grain K10/K30	<table border="0"> <tr> <td>1.1 - 1.3</td> <td>4.1 - 5.3</td> </tr> <tr> <td>1.4 - 1.6</td> <td>6.1 - 8.3</td> </tr> <tr> <td>2.1 - 2.3</td> <td>9.1</td> </tr> <tr> <td>3.1 - 3.4</td> <td></td> </tr> </table>	1.1 - 1.3	4.1 - 5.3	1.4 - 1.6	6.1 - 8.3	2.1 - 2.3	9.1	3.1 - 3.4			
1.1 - 1.3	4.1 - 5.3										
1.4 - 1.6	6.1 - 8.3										
2.1 - 2.3	9.1										
3.1 - 3.4											



D mm	d mm	L mm	l ₁ mm	Part Nr
3	3	65	25	14711810
4	4	65	25	14715750
5	5	75	25	14719680
6	6	75	25	14723620
6	6	100	38	14723620-XL
8	8	75	25	14731500
8	8	100	38	14731500-XL
10	10	100	38	14739370
12	12	100	50	14747240
12	12	150	75	14747240-XL
14	14	150	75	14755120
16	16	150	75	14762990
18	18	150	75	14770870
20	20	150	75	14778740

D ins	d ins	L ins	l ₁ ins	Part Nr
1/8	1/8	2 1/2	1	14712500
3/16	3/16	3	1 1/8	14718750
1/4	1/4	3	1 1/8	14725000
5/16	5/16	3	1 1/8	14731250
3/8	3/8	4	1 3/4	14737500
7/16	7/16	4 1/2	2	14743750
1/2	1/2	4 1/2	2	14750000
5/8	5/8	5	2 1/4	14762500
3/4	3/4	5	2 1/4	14775000

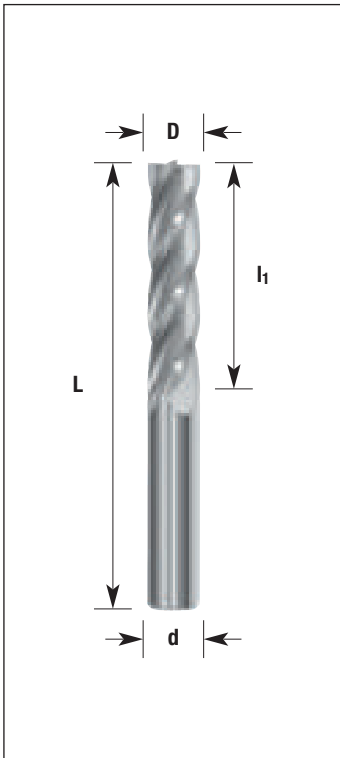
end mills - long / extra long

Schafffräser - lang / extra lang

fraise en bout - longue / extra longue

fresas frontales - serie larga / serie extra larga

frese lunghe / extra lunghe



148

Z = 4

		tol: D 1 - 7mm +0.000/-0.051mm > 7 - 25mm +0.000/-0.076mm 1/16" - 1/4" +0.000"/-0.002" > 1/4" - 1" +0.000"/-0.003"	tol: d 1 - 25mm h6 1/32" - 1" +0.000"/-0.0005"								
Micro Grain K10/K30	<table border="0"> <tr> <td>1.1 - 1.3</td> <td>4.1 - 5.3</td> </tr> <tr> <td>1.4 - 1.6</td> <td>6.1 - 6.4</td> </tr> <tr> <td>2.1 - 2.3</td> <td>9.1</td> </tr> <tr> <td>3.1 - 3.4</td> <td></td> </tr> </table>	1.1 - 1.3	4.1 - 5.3	1.4 - 1.6	6.1 - 6.4	2.1 - 2.3	9.1	3.1 - 3.4			
1.1 - 1.3	4.1 - 5.3										
1.4 - 1.6	6.1 - 6.4										
2.1 - 2.3	9.1										
3.1 - 3.4											

D mm	d mm	L mm	l ₁ mm	Part Nr
3	3	65	25	14811810
4	4	65	25	14815750
5	5	75	25	14819680
6	6	75	25	14823620
6	6	100	38	14823620-XL
8	8	75	25	14831500
8	8	100	38	14831500-XL
10	10	100	38	14839370
12	12	100	50	14847240
12	12	150	75	14847240-XL
14	14	150	75	14855120
16	16	150	75	14862990
18	18	150	75	14870870
20	20	150	75	14878740

D ins	d ins	L ins	l ₁ ins	Part Nr
1/8	1/8	2 1/2	1	14812500
3/16	3/16	3	1 1/8	14818750
1/4	1/4	3	1 1/8	14825000
5/16	5/16	3	1 1/8	14831250
3/8	3/8	4	1 3/4	14837500
7/16	7/16	4 1/2	2	14843750
1/2	1/2	4 1/2	2	14850000
5/8	5/8	5	2 1/4	14862500
3/4	3/4	5	2 1/4	14875000
1	1	5	2 1/4	14810000