

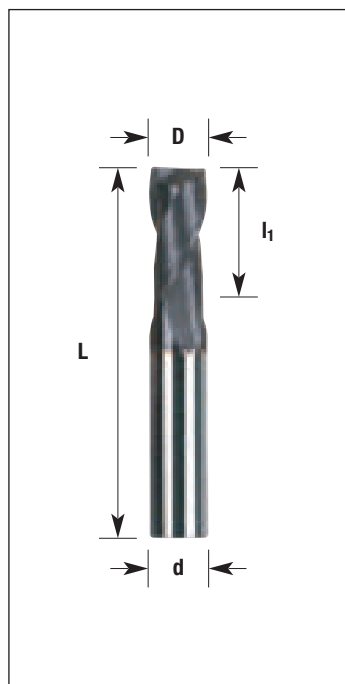
# RAPIDE end mills - HSC ≤ 62 HRc

RAPIDE Shaftfräser

RAPIDE fraise en bout

RAPIDE fresas frontales

frese RAPIDE HSC ≤ 62 HRc



162

Z=2

	<b>tol: D</b> 0.5 - 5mm +0.000/-0.0127mm > 5 - 10mm +0.000/-0.009mm >10 - 18mm +0.000/-0.011mm >18 - 25mm +0.000/-0.013mm	<b>tol: d</b>  <b>h6</b>								
<b>Micro Grain K10/K30</b>	<table border="1"> <tr> <td>1.1 - 1.3</td> <td>3.1 - 3.4</td> </tr> <tr> <td>1.4 - 1.6</td> <td>4.1 - 5.3</td> </tr> <tr> <td>1.7 - 1.9</td> <td>6.1 - 6.4</td> </tr> <tr> <td>2.1 - 2.3</td> <td>9.1</td> </tr> </table>	1.1 - 1.3	3.1 - 3.4	1.4 - 1.6	4.1 - 5.3	1.7 - 1.9	6.1 - 6.4	2.1 - 2.3	9.1	
1.1 - 1.3	3.1 - 3.4									
1.4 - 1.6	4.1 - 5.3									
1.7 - 1.9	6.1 - 6.4									
2.1 - 2.3	9.1									
<b>TiAlN PVD</b>										

D mm	d mm	L mm	h <sub>1</sub> mm	Part Nr
0.5	3	38	1	16201960
1	3	38	2	16203940
1.5	6	38	3	16205910
2	6	50	6	16207870
3	6	50	8	16211810
4	6	50	11	16215750
5	6	50	13	16219680
6	6	50	13	16223620
8	8	63	20	16231500
10	10	70	22	16239370
12	12	75	25	16247240
16	16	92	32	16262990
20	20	100	38	16278740

D ins	d ins	L ins	h <sub>1</sub> ins	Part Nr
1/16	1/8	1 1/2	1/8	16206250
3/32	1/8	1 1/2	1/4	16209370
1/8	1/8	1 1/2	5/16	16212500
5/32	1/4	2	7/16	16215620
3/16	1/4	2	1/2	16218750
1/4	1/4	2	1/2	16225000
5/16	5/16	2 1/2	3/4	16231250
3/8	3/8	3	7/8	16237500
1/2	1/2	3	1	16250000
5/8	5/8	3 1/2	1 1/4	16262500
3/4	3/4	4	1 1/2	16275000

# RAPIDE end mills - HSC ≤ 62 HRc

RAPIDE Shafffräser



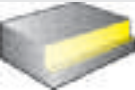

RAPIDE fraise en bout

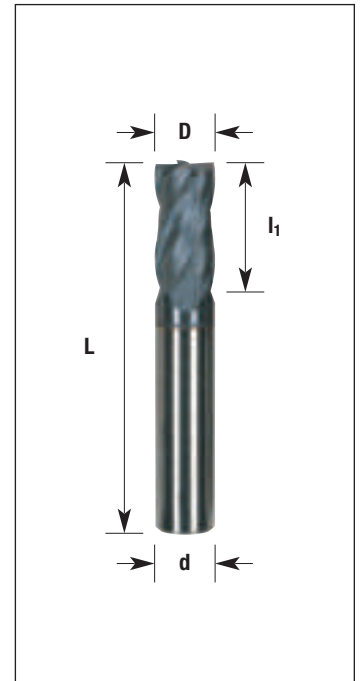
RAPIDE fresas frontales

fresa RAPIDE HSC ≤ 62 HRc

164

Z = 4

		<b>tol: D</b> 1 - 5mm +0.000/-0.0127mm > 5 - 10mm +0.000/-0.009mm >10 - 18mm +0.000/-0.011mm >18 - 25mm +0.000/-0.013mm	<b>tol: d</b>  h6								
<b>Micro Grain K10/K30</b>	<table border="0"> <tr> <td>1.1 - 1.3</td> <td>3.1 - 3.4</td> </tr> <tr> <td>1.4 - 1.6</td> <td>4.1 - 5.3</td> </tr> <tr> <td>1.7 - 1.9</td> <td>6.1 - 6.4</td> </tr> <tr> <td>2.1 - 2.3</td> <td>9.1</td> </tr> </table>	1.1 - 1.3	3.1 - 3.4	1.4 - 1.6	4.1 - 5.3	1.7 - 1.9	6.1 - 6.4	2.1 - 2.3	9.1		
1.1 - 1.3	3.1 - 3.4										
1.4 - 1.6	4.1 - 5.3										
1.7 - 1.9	6.1 - 6.4										
2.1 - 2.3	9.1										
<b>TiAlN PVD</b>											



D mm	d mm	L mm	l <sub>1</sub> mm	Part Nr
2	6	50	6	16407870
3	6	50	8	16411810
4	6	50	11	16415750
5	6	50	13	16419680
6	6	50	13	16423620
8	8	63	20	16431500
10	10	70	22	16439370
12	12	75	25	16447240
16	16	92	32	16462990
20	20	100	38	16478740

D ins	d ins	L ins	l <sub>1</sub> ins	Part Nr
1/16	1/8	1 1/2	1/8	16406250
3/32	1/8	1 1/2	1/4	16409370
1/8	1/8	1 1/2	5/16	16412500
5/32	1/4	2	7/16	16415620
3/16	1/4	2	1/2	16418750
1/4	1/4	2	1/2	16425000
5/16	5/16	2 1/2	3/4	16431250
3/8	3/8	3	7/8	16437500
1/2	1/2	3	1	16450000
5/8	5/8	3 1/2	1 1/4	16462500
3/4	3/4	4	1 1/2	16475000

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**RAPIDE** Shafffräser


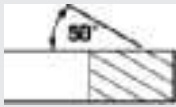
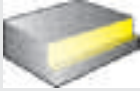
**RAPIDE** fraise en bout

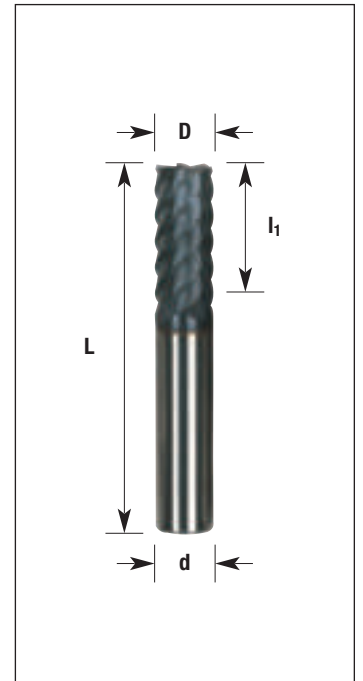
**RAPIDE** fresas frontales

fresa **RAPIDE** HSC ≤ 62 HRc

**169**

**Z = 6**

		<b>tol: D</b> 1 - 5mm +0.000/-0.0127mm > 5 - 10mm +0.000/-0.009mm >10 - 18mm +0.000/-0.011mm >18 - 25mm +0.000/-0.013mm	<b>tol: d</b>  <b>h6</b>
<b>Micro Grain K10/K30</b>	1.7 - 1.9 4.1 - 5.3		
<b>TiAlN PVD</b>			



D mm	d mm	L mm	l <sub>1</sub> mm	Part Nr
3	6	50	8	16911810
4	6	50	11	16915750
5	6	50	13	16919680
6	6	50	13	16923620
8	8	63	20	16931500
10	10	70	22	16939370
12	12	75	25	16947240
16	16	92	32	16962990
20	20	100	38	16978740

D ins	d ins	L ins	l <sub>1</sub> ins	Part Nr
1/4	1/4	2	1/2	16925000
5/16	5/16	2 1/2	3/4	16931250
3/8	3/8	3	7/8	16937500
1/2	1/2	3	1	16950000
5/8	5/8	3 1/2	1 1/4	16962500