

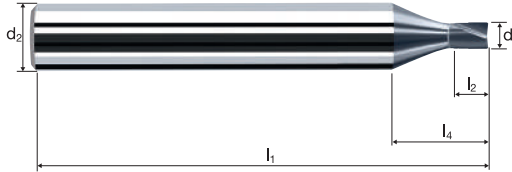
Cylindrical end mills Microcut

Shank \varnothing 4mm, 1xd



HM	λ	0°
XA	γ	0°

new!



Rm < 850	Rm 850-1100	Rm 1100-1300	Rm 1300-1500	HRC 48-56	HRC 56-60	Inox Stainless	Ti Titanium	Cobalt-Chrome Gold / Platinum Copper
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Example: Order-Nº. X 6800 020										X-AL
										X6800
\varnothing Code	d_1 0/-0.01	d_2 h4	l_1	l_2	l_4	45°	α	z		
020	0.20	4.00	50	0.16	11.39	-	9.7°	2		●
030	0.30	4.00	50	0.24	11.21	-	9.6°	2		●
040	0.40	4.00	50	0.32	11.03	-	9.5°	2		●
050	0.50	4.00	50	0.40	7.67	-	13.1°	2		●
060	0.60	4.00	50	0.48	7.58	-	12.8°	2		●
080	0.80	4.00	50	0.64	7.41	-	12.4°	2		●
100	1.00	4.00	50	1.20	7.66	0.04	11.3°	2		●
120	1.50	4.00	50	1.80	7.42	0.04	9.8°	2		●
140	2.00	4.00	50	2.40	7.19	0.07	8.1°	2		●

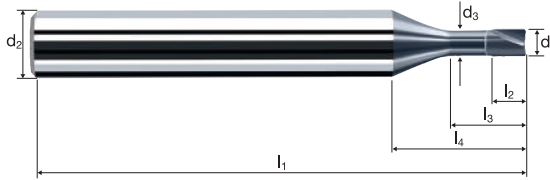
Cylindrical end mills Microcut

Shank \varnothing 4mm, cylindrical neck, 3xd



HM	λ	0°
XA	γ	0°

new!



Rm < 850	Rm 850-1100	Rm 1100-1300	Rm 1300-1500	HRC 48-56	HRC 56-60		Inox Stainless	Ti Titanium	Cobalt-Chrome Gold / Platinum Copper
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Example: Order-Nº. X 6802 020											X-AL
\varnothing Code	d_1 0/-0.01	d_2 h4	d_3	l_1	l_2	l_3	l_4	45°	α	z	
020	0.20	4.00	0.18	50	0.16	0.60	11.55	-	9.5°	2	●
030	0.30	4.00	0.25	50	0.24	0.90	11.47	-	9.4°	2	●
040	0.40	4.00	0.35	50	0.32	1.20	11.49	-	9.1°	2	●
050	0.50	4.00	0.45	50	0.40	1.50	8.28	-	12.1°	2	●
060	0.60	4.00	0.55	50	0.48	1.80	8.40	-	11.6°	2	●
080	0.80	4.00	0.75	50	0.64	2.40	8.62	-	10.7°	2	●
100	1.00	4.00	0.95	50	1.20	3.00	8.85	0.04	9.8°	2	●
108	1.20	4.00	1.10	50	1.44	3.60	8.96	0.04	9.1°	2	●
120	1.50	4.00	1.40	50	1.80	4.50	9.30	0.04	7.9°	2	●
140	2.00	4.00	1.90	50	2.40	6.00	9.87	0.07	6.0°	2	●
160	2.50	4.00	2.30	50	3.00	7.50	10.34	0.07	4.3°	2	●
180	3.00	4.00	2.80	50	3.60	9.00	10.91	0.07	2.8°	2	●

Cylindrical end mills Microcut

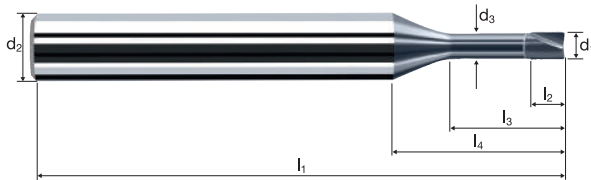
Shank \varnothing 4mm, cylindrical neck, 5xd



HM	λ	0°
XA	γ	0°



new!



Rm < 850	Rm 850-1100	Rm 1100-1300	Rm 1300-1500	HRC 48-56	HRC 56-60	Inox Stainless	Ti Titanium	Cobalt-Chrome Gold / Platinum Copper
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Example: Order-N°.											X-AL
Coating: X Article-N°: 6804 \varnothing -Code: 020											X6804
\varnothing Code	d_1 0/-0.01	d_2 h_4	d_3	l_1	l_2	l_3	l_4	45°	α	z	
020	0.20	4.00	0.18	50	0.16	1.00	11.95	-	9.2°	2	●
030	0.30	4.00	0.25	50	0.24	1.50	12.07	-	8.9°	2	●
040	0.40	4.00	0.35	50	0.32	2.00	12.29	-	8.5°	2	●
050	0.50	4.00	0.45	50	0.40	2.50	9.28	-	10.9°	2	●
060	0.60	4.00	0.55	50	0.48	3.00	9.60	-	10.2°	2	●
080	0.80	4.00	0.75	50	0.64	4.00	10.22	-	9.1°	2	●
100	1.00	4.00	0.95	50	1.20	5.00	10.85	0.04	8.1°	2	●
108	1.20	4.00	1.10	50	1.44	6.00	11.36	0.04	7.2°	2	●
120	1.50	4.00	1.40	50	1.80	7.50	12.30	0.04	6.0°	2	●
140	2.00	4.00	1.90	50	2.40	10.00	13.87	0.07	4.3°	2	●
160	2.50	4.00	2.30	50	3.00	12.50	15.34	0.07	3.0°	2	●
180	3.00	4.00	2.80	50	3.60	15.00	16.91	0.07	1.9°	2	●

Cylindrical end mills Microcut

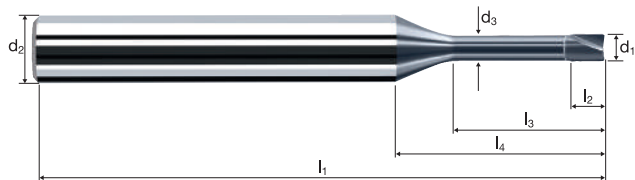
Shank \varnothing 4mm, cylindrical neck, 8xd



HM	λ	0°
XA	γ	0°



new!



Rm < 850	Rm 850-1100	Rm 1100-1300	Rm 1300-1500	HRC 48-56	HRC 56-60	Inox Stainless	Ti Titanium	Cobalt-Chrome Gold / Platinum Copper
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Example: Order-N°.		Coating X	Article-N°. 6807	\varnothing -Code 050								X-AL
\varnothing Code	d_1 0/-0.01	d_2 h_4	d_3	l_1	l_2	l_3	l_4	45°	α	z		X6807
050	0.50	4.00	0.45	50	0.40	4.00	10.78	-	9.4°	2		●
060	0.60	4.00	0.55	50	0.48	4.80	11.40	-	8.7°	2		●
080	0.80	4.00	0.75	50	0.64	6.40	12.62	-	7.4°	2		●
100	1.00	4.00	0.95	50	1.20	8.00	13.85	0.04	6.4°	2		●
108	1.20	4.00	1.10	50	1.44	9.60	14.96	0.04	5.5°	2		●
120	1.50	4.00	1.40	50	1.80	12.00	16.80	0.04	4.5°	2		●
140	2.00	4.00	1.90	50	2.40	16.00	19.87	0.07	3.1°	2		●
160	2.50	4.00	2.30	57	3.00	20.00	22.84	0.07	2.1°	2		●
180	3.00	4.00	2.80	57	3.60	24.00	25.91	0.07	1.3°	2		●

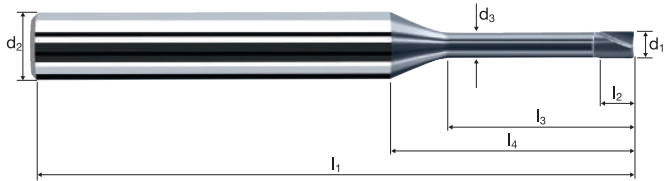
Cylindrical end mills Microcut

Shank \varnothing 4mm, cylindrical neck, 10xd



new!

HM λ **0°**
XA γ **0°**



Rm < 850 **Rm** 850-1100 **Rm** 1100-1300 **Rm** 1300-1500 **HRC** 48-56 **HRC** 56-60 **Inox** Stainless **Ti** Titanium **Cobalt-Chrome Gold / Platinum Copper**

Example: Order-N°.											X-AL
Coating: X Article-N°: 6809 \varnothing -Code: 050											X6809
\varnothing Code	d ₁ 0/-0.01	d ₂ h4	d ₃	l ₁	l ₂	l ₃	l ₄	45°	α	z	
050	0.50	4.00	0.45	50	0.40	5.00	11.78	-	8.6°	2	●
060	0.60	4.00	0.55	50	0.48	6.00	12.60	-	7.9°	2	●
080	0.80	4.00	0.75	50	0.64	8.00	14.22	-	6.6°	2	●
100	1.00	4.00	0.95	50	1.20	10.00	15.85	0.04	5.6°	2	●
120	1.50	4.00	1.40	50	1.80	15.00	19.80	0.04	3.8°	2	●
140	2.00	4.00	1.90	57	2.40	20.00	23.87	0.07	2.6°	2	●
160	2.50	4.00	2.30	57	3.00	25.00	27.84	0.07	1.7°	2	●
180	3.00	4.00	2.80	61	3.60	30.00	31.91	0.07	1.1°	2	●

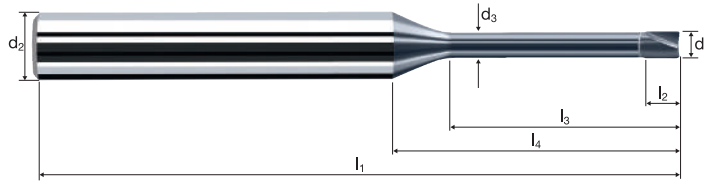
Cylindrical end mills Microcut

Shank \varnothing 4mm, cylindrical neck, 12xd

HM	λ	0°
XA	γ	0°



new!



Rm < 850	Rm 850-1100	Rm 1100-1300	Rm 1300-1500	HRC 48-56	HRC 56-60	Inox Stainless	Ti Titanium	Cobalt-Chrome Gold / Platinum Copper
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Example: Order-N°.											X-AL
											X6810
\varnothing Code	d_1 0/-0.01	d_2 h4	d_3	l_1	l_2	l_3	l_4	45°	α	z	
100	1.00	4.00	0.95	50	1.20	12.00	17.85	0.04	5.0°	2	●
120	1.50	4.00	1.40	57	1.80	18.00	22.80	0.04	3.3°	2	●
140	2.00	4.00	1.90	57	2.40	24.00	27.87	0.07	2.3°	2	●
180	3.00	4.00	2.80	75	3.60	36.00	37.91	0.07	1.0°	2	●

Cylindrical end mills Microcut

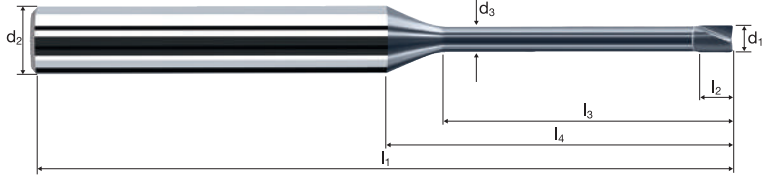
Shank \varnothing 4mm, cylindrical neck, 15xd



HM	λ	0°
XA	γ	0°



new!



Rm < 850	Rm 850-1100	Rm 1100-1300	Rm 1300-1500	HRC 48-56	HRC 56-60	Inox Stainless	Ti Titanium	Cobalt-Chrome Gold / Platinum Copper
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Example: Order-N°.											X-AL
											X6811
	Coating		Article-N°.	Ø-Code							
	X		6811	100							
Ø Code	d ₁ 0/-0.01	d ₂ h4	d ₃	l ₁	l ₂	l ₃	l ₄	45°	α	z	
100	1.00	4.00	0.95	50	1.20	15.00	20.85	0.04	4.3°	2	●
120	1.50	4.00	1.40	57	1.80	22.50	27.30	0.04	2.8°	2	●
140	2.00	4.00	1.90	61	2.40	30.00	33.87	0.07	1.9°	2	●
180	3.00	4.00	2.80	75	3.60	45.00	46.91	0.07	0.8°	2	●

Cylindrical end mills Microcut

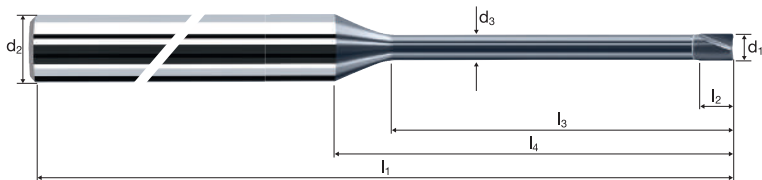
Shank \varnothing 4mm, cylindrical neck, 20xd



HM	λ	0°
XA	γ	0°



new!



Rm < 850	Rm 850-1100	Rm 1100-1300	Rm 1300-1500	HRC 48-56	HRC 56-60	Inox Stainless	Ti Titanium	Cobalt-Chrome Gold / Platinum Copper
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Example: Order-N°.											X-AL
											X6812
\varnothing Code	d ₁ 0/-0.01	d ₂ h4	d ₃	l ₁	l ₂	l ₃	l ₄	45°	α	z	
100	1.00	4.00	0.95	57	1.20	20.00	25.85	0.04	3.5°	2	●
120	1.50	4.00	1.40	66	1.80	30.00	34.80	0.04	2.3°	2	●
140	2.00	4.00	1.90	75	2.40	40.00	43.87	0.07	1.5°	2	●
180	3.00	4.00	2.80	100	3.60	60.00	61.91	0.07	0.7°	2	●