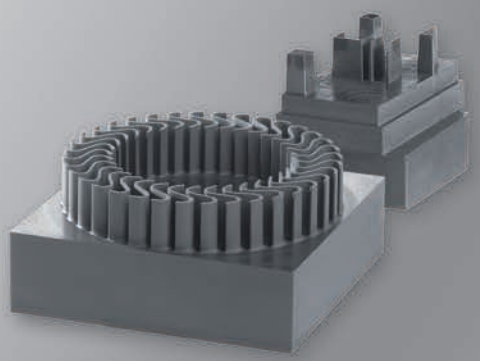
QUALITY LINE 565/575 - POWER LINE 865/875

Maximum precision end mills for graphite

Diamond coated tools for process-capable milling in mold and die production

QUALITY LINE 565/575

NEW Series: POWER LINE 865/875



Challenge:

The manufacture of graphite electrodes is an important process in die and mould making. As a modification of carbon, graphite is particularly corrosive and heat resistant as well as highly abrasive.
The high strength and hardness displayed by this material as well as varying material qualities makes graphite machining a real challenge - one in which the employment of high quality tools is essential. Anybody wishing to employ graphite electrodes successfully and economically must consider the entire process chain.
The combination of optimum tungsten carbide types, robust coating, precise finishing and special geometry of the cutters tailored to graphite processing offer a perfect balance. Specifically in the case of intricate µm-tolerance electrodes, all the factors affecting the process must be coordinated perfectly.

Solution:

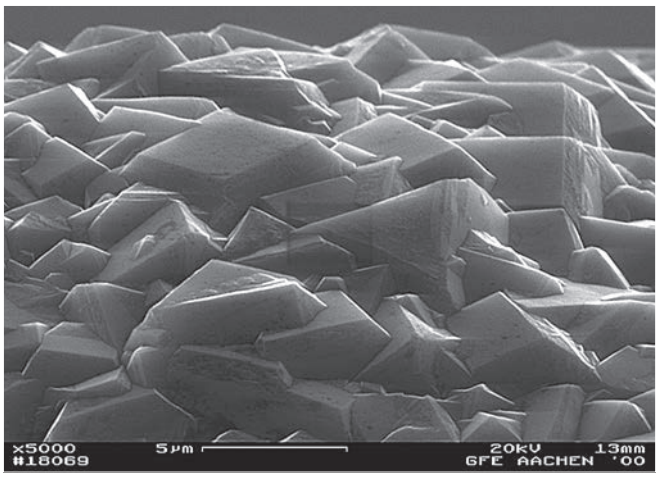
The graphite cutters developed by ZECHA assure tight tolerances in shape, concentricity and diameter. ZECHA has more than 20 years experience in diamond coated tools. In addition, the diamond coating offers effective wear protection and contributes significantly to process capability and stability.
The ZECHA graphite cutters stand for reliable solid carbide ball nose end mills and end mills with corner radius equipping the machine operator perfectly for the machining of graphite material.
Machining of graphite using ZECHA milling cutters generates very low vibrations, making it extremely easy to produce intricate shapes and contours without any burring. The right choice of milling cutters has thankfully made manual reworking or burn-off (material loss caused by oxidation) a thing of the past.

QUALITY LINE - Diamond coated end mills with genuine diamond coating „Made in Germany“

ZECHA always develops customized tool solutions in dialogue with the customer, which can be found, in the extensive catalog range of the tool expert. The QUALITY LINE includes a range of milling cutters for machining graphite with diamond-coated solid carbide ball nose cutters and solid carbide corner radius cutters in diameters from 0.2 to 6.0 millimeters.
Anyone looking for a quality product with an optimal price / performance ratio for standard applications is well advised with the “ZECHA QUALITY LINE”.

POWER LINE - Diamond coated end mills with genuine diamond coating „Made by ZECHA INDIA - coated by ZECHA GERMANY”

Manufacturing graphite electrodes economically is an essential requirement of companies in the tool and mold making industry. The new POWER LINE graphite cutters powered by ZECHA prove that such high-quality cutters can also be cost-effective.
The milling cutters are manufactured in India according to ZECHA’s manufacturing concept and have a real diamond coating in Germany.
Due to the large-scale production, these milling cutters are trimmed to optimal costs. The interplay of high-quality hard metal, innovative geometries and perfectly adapted diamond layer results in economical tool series for the price-conscious user who still does not want to do without excellent quality.



Your advantages:
- ☑ High performance and extremely good life cycles
- ☑ Optimum value for money
- ☑ Excellent quality and high precision
- ☑ Immediately deliverable from stock

Diamond coating:
The extreme hardness of diamond as a material makes it ideal as the optimal coating for highly stressed tools. Perfectly matched to our tools, the genuine diamond coating has a hardness of 10.000 HV. This guarantees efficiency as well as extremely long life cycles and maximum precision.

Symbols

Tool attributes


Two flutes

Helix angle


Tools with diamond coating

Tools with easy-cutting geometry

Usage recommendations

HSC machining


Roughing


Pre-finishing


Finishing


Wet machining


Dry machining

3D machining

For the machining of ceramics

For the machining of graphite

For the machining of fibre-reinforced materials

For the machining of carbon

For the machining of tungsten copper

Industries


Mould Making

Overview of the features

Special cutting geometry for optimal stability and material removal

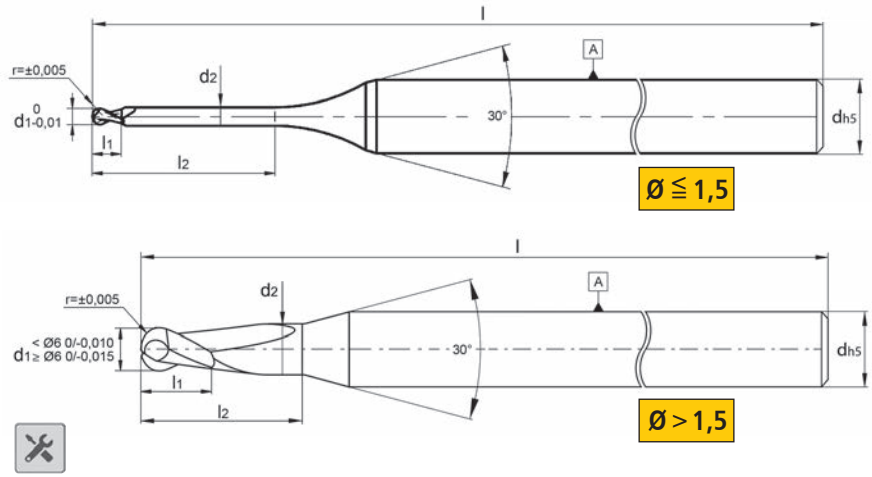
Especially small concentricity tolerances and high dimensional accuracy

Substrate
Carbide grades EZ 10 for high wear resistance and superb adherence

Labelling not on the shaft but on the rear for perfect concentricity

High performance diamond coating for application-specialized coating thickness

565 ★★★



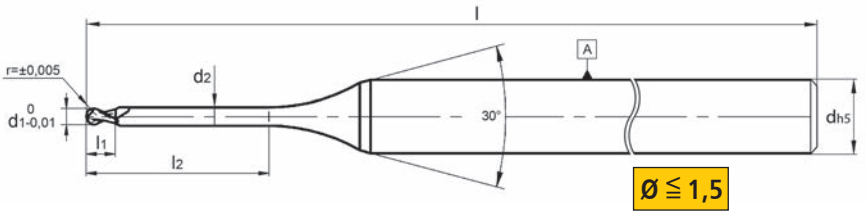
QUALITY LINE

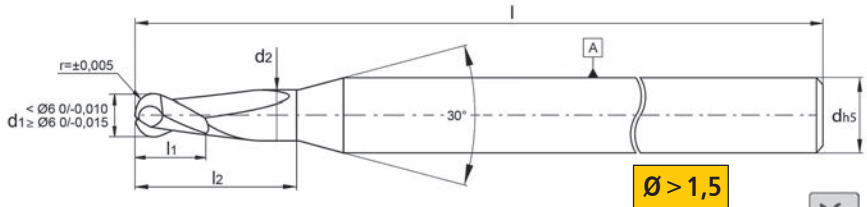
Solid carbide ball nose end mill

☑ Quality tool for standard applications
☑ Innovative geometry
☑ Approved diamond coating
☑ Top value for money
☑ Concentricity:
0.003 mm <Ø 6.0 mm <70 mm length
☑ Diameter tolerance: 0/-0.010 mm <Ø 6.0 mm

Order no	d1	d2	r	l1	l2	d	l	Inclination angle 30′	1°	1° 30′	2°	3°
565.020.10.004	0,2	0,18	0,10	0,30	0,4	4,0	40	0,82	0,97	1,12	1,27	1,59
565.020.10.006					0,6			1,18	1,36	1,53	1,71	2,06
565.020.10.010					1,0			1,64	1,86	2,07	2,27	2,65
565.020.10.015					1,5			2,20	2,47	2,70	2,93	3,35
565.030.15.005	0,3	0,27	0,15	0,50	0,5	4,0	40	1,14	1,29	1,45	1,61	1,93
565.030.15.010					1,0			1,71	1,91	2,11	2,30	2,67
565.030.15.015					1,5			2,27	2,51	2,74	2,96	3,37
565.030.15.030					3,0			3,93	4,27	4,57	4,84	5,33
565.030.15.045					4,5			5,56	5,98	6,32	6,64	7,20
565.030.15.060					6,0			7,18	7,65	8,05	8,40	9,01
565.040.20.020	0,4	0,36	0,20	0,60	2,0	4,0	40	2,88	3,15	3,39	3,62	4,05
565.040.20.040					4,0			5,07	5,44	5,77	6,06	6,60
565.040.20.060					6,0			7,22	7,68	8,07	8,41	9,02
565.040.20.080					8,0			9,36	9,89	10,32	10,71	11,38
565.050.25.025	0,5	0,45	0,25	0,70	2,5	4,0	40	3,48	3,76	4,02	4,27	4,72
565.050.25.035					3,5		40	4,57	4,91	5,21	5,48	5,99
565.050.25.050					5,0		60	6,19	6,59	6,95	7,26	7,83
565.050.25.075					7,5		60	8,86	9,36	9,78	10,15	10,80
565.050.25.100					10,0		60	11,52	12,09	12,57	12,98	13,70
565.060.30.030	0,6	0,55	0,30	1,00	3,0	4,0	60	4,02	4,33	4,61	4,87	5,35
565.060.30.060					6,0			7,26	7,70	8,08	8,42	9,02
565.060.30.090					9,0			10,45	11,00	11,45	11,85	12,54
565.060.30.110					11,0			12,57	13,17	13,66	14,10	14,84
565.080.40.040	0,8	0,75	0,40	1,20	4,0	4,0	60	5,10	5,45	5,77	6,05	6,57
565.080.40.080					8,0			9,38	9,90	10,32	10,70	11,36
565.080.40.120					12,0			13,62	14,24	14,75	15,20	15,96
565.080.40.160					16,0			17,82	18,54	19,12	19,62	20,46
565.100.50.050	1,0	0,95	0,50	1,60	5,0	4,0	60	6,17	6,56	6,91	7,22	7,77
565.100.50.100					10,0			11,50	12,07	12,54	12,95	13,66
565.100.50.150					15,0			16,77	17,46	18,02	18,51	19,33
565.100.50.200					20,0			22,00	22,80	23,43	23,97	24,88
565.100.50.250					25,0			27,21	28,09	28,79	29,38	-

★★★ 565



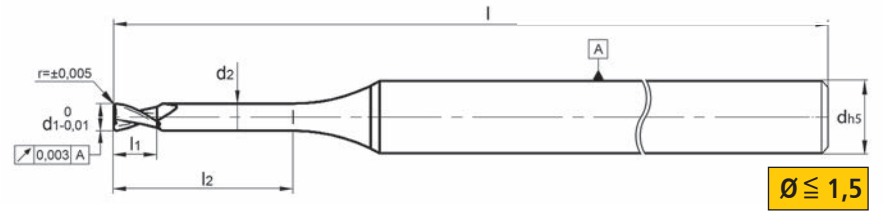


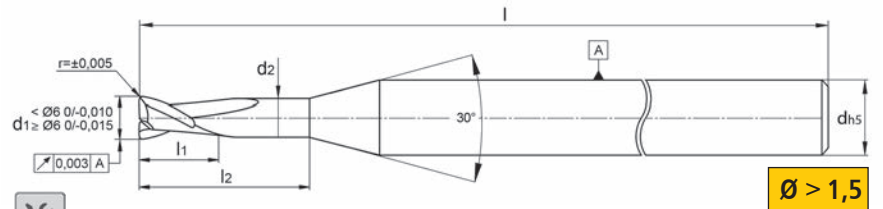
QUALITY LINE
Solid carbide ball nose end mill

☑ Quality tool for standard applications
☑ Innovative geometry
☑ Approved diamond coating
☑ Top value for money
☑ Concentricity:
0.003 mm <Ø 6.0 mm <70 mm length
☑ Diameter tolerance: 0/-0.010 mm <Ø 6.0 mm

Order no	d1	d2	r	l1	l2	d	l	Inclination angle 30′	1°	1° 30′	2°	3°
565.120.60.050					5,0			6,16	6,55	6,89	7,20	7,75
565.120.60.100	1,2	1,15	0,60	1,60	10,0	4,0	60	11,49	12,06	12,53	12,94	13,65
565.120.60.150					15,0			16,76	17,46	18,01	18,50	19,32
565.150.75.050					5,0			6,35	6,70	7,01	7,30	7,83
565.150.75.100	1,5	1,40	0,75	2,40	10,0	4,0	60	11,65	12,17	12,62	13,01	13,70
565.150.75.150					15,0			16,90	17,55	18,09	18,56	19,36
565.150.75.200					20,0			22,11	22,87	23,49	24,02	-
565.200.100.060					6,0			6,19	6,41	6,64	6,88	7,44
565.200.100.120					12,0			12,40	12,83	13,30	13,81	14,94
565.200.100.180	2,0	1,90	1,00	3,00	18,0	4,0	60	18,61	19,26	19,97	20,73	-
565.200.100.200					20,0			20,68	21,41	22,19	23,04	-
565.200.100.240					24,0			24,81	25,69	26,64	27,65	-
565.200.100.300					30,0			31,02	32,12	33,30	-	-
565.300.150.080					8,0		60	8,31	8,59	8,89	9,22	9,97
565.300.150.120					12,0		60	12,45	12,88	13,34	13,84	14,97
565.300.150.180	3,0	2,80	1,50	3,50	18,0	6,0	60	18,65	19,30	20,01	20,76	22,47
565.300.150.240					24,0		60	24,86	25,73	26,67	27,68	29,97
565.300.150.300					30,0		60	31,07	32,16	33,34	34,61	-
565.300.150.450					45,0		100	46,58	48,23	50,01	-	-
565.400.200.100					10,0		60	10,37	10,72	11,10	11,51	12,44
565.400.200.120					12,0		60	12,44	12,87	13,33	13,82	14,94
565.400.200.240	4,0	3,80	2,00	4,00	24,0	6,0	60	24,86	25,72	26,66	27,67	-
565.400.200.300					30,0		60	31,06	32,15	33,33	-	-
565.400.200.400					40,0		100	41,41	42,87	-	-	-
565.500.250.150					15,0		60	15,54	16,07	16,65	-	-
565.500.250.300	5,0	4,80	2,50	5,00	30,0	6,0	60	31,06	32,14	-	-	-
565.500.250.400					40,0		100	41,40	-	-	-	-
565.500.250.500					50,0		100	51,75	-	-	-	-
565.600.300.180					18,0		60	-	-	-	-	-
565.600.300.200					20,0		60	-	-	-	-	-
565.600.300.300	6,0	5,80	3,00	6,00	30,0	6,0	60	-	-	-	-	-
565.600.300.450					45,0		100	-	-	-	-	-
565.600.300.600					60,0		100	-	-	-	-	-

575 ★★★



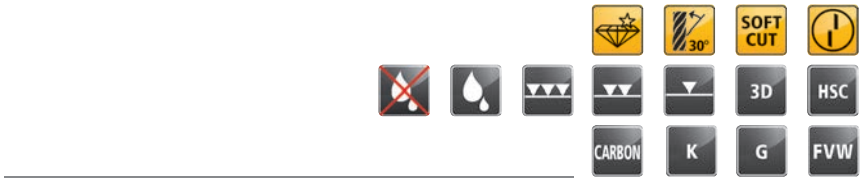


QUALITY LINE

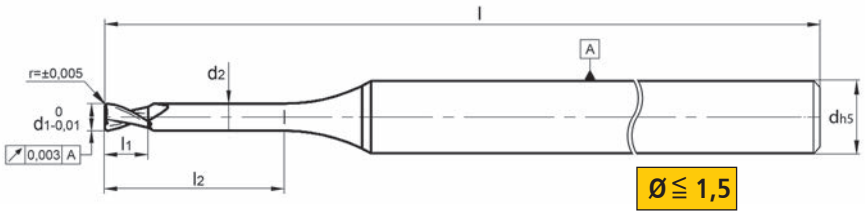
Solid carbide end mill with corner radius

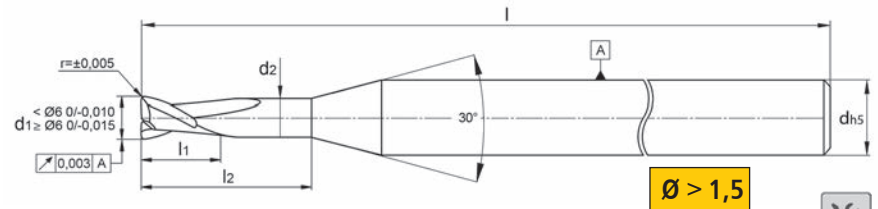
☑ Quality tool for standard applications
☑ Cost-optimised due to large-scale manufacture
☑ Innovative geometry
☑ Approved diamond coating
☑ Top value for money
☑ Concentricity: 0.003 mm <Ø 6.0 mm <70 mm length
☑ Diameter tolerance: 0/-0.010 mm <Ø 6.0 mm

Order no	d1	d2	r	l1	l2	d	l	Inclination angle 30′	1°	1° 30′	2°	3°
575.020.02.004	0,2	0,18	0,02	0,3	0,4	4,0	40	0,96	1,12	1,29	1,46	1,80
575.020.02.006					0,6		40	1,19	1,38	1,56	1,74	2,10
575.020.02.010					1,0			1,65	1,88	2,09	2,29	2,69
575.020.02.015					1,5			2,21	2,48	2,73	2,95	3,38
575.030.02.005	0,3	0,27	0,02	0,5	0,5	4,0	40	1,16	1,32	1,49	1,66	2,00
575.030.02.010					1,0			1,72	1,94	2,14	2,34	2,73
575.030.02.015					1,5		40	2,28	2,54	2,77	3,00	3,41
575.030.02.030					3,0			3,94	4,29	4,59	4,87	5,37
575.030.02.045					4,5			5,57	5,99	6,35	6,66	7,23
575.030.02.060					6,0			7,19	7,67	8,07	8,42	9,04
575.040.04.020	0,4	0,36	0,04	0,6	2,0	4,0	40	2,90	3,17	3,43	3,66	4,11
575.040.04.040					4,0		40	5,08	5,46	5,79	6,09	6,64
575.040.04.060					6,0		60	7,23	7,70	8,09	8,44	9,05
575.040.04.080					8,0		60	9,37	9,90	10,34	10,73	11,41
575.050.05.025	0,5	0,45	0,05	0,7	2,5	4,0	40	3,50	3,79	4,06	4,31	4,78
575.050.05.035					3,5		40	4,58	4,93	5,24	5,52	6,04
575.050.05.050					5,0		60	6,20	6,62	6,97	7,30	7,87
575.050.05.075					7,5		60	8,87	9,38	9,80	10,18	10,84
575.050.05.100					10,0		60	11,53	12,11	12,59	13,01	13,74
575.060.06.030	0,6	0,55	0,06	1,0	3,0	4,0	60	4,04	4,36	4,65	4,92	5,41
575.060.06.060					6,0			7,27	7,73	8,11	8,46	9,07
575.060.06.090					9,0			10,47	11,02	11,48	11,88	12,58
575.060.06.110					11,0			12,58	13,19	13,69	14,12	14,88
575.080.08.040	0,8	0,75	0,08	1,2	4,0	4,0	60	5,12	5,49	5,82	6,11	6,65
575.080.08.080					8,0			9,40	9,93	10,36	10,75	11,42
575.080.08.120					12,0			13,64	14,27	14,79	15,24	16,01
575.080.08.160					16,0			17,84	18,57	19,15	19,65	20,50
575.100.10.050	1,0	0,95	0,10	1,6	5,0	4,0	60	6,20	6,61	6,97	7,29	7,86
575.100.10.100					10,0			11,52	12,10	12,58	13,00	13,73
575.100.10.150					15,0			16,79	17,49	18,06	18,55	19,39
575.100.10.200					20,0			22,02	22,82	23,46	24,01	24,93



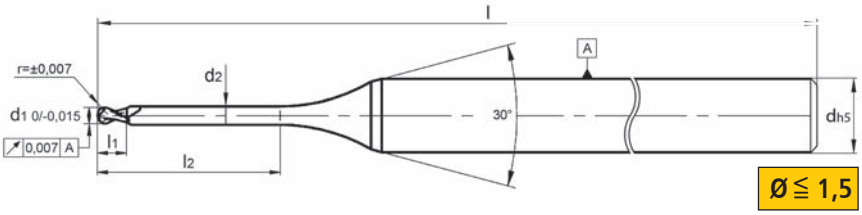
★★★ 575

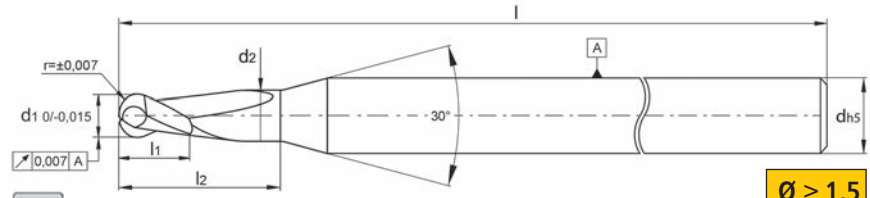




Order no	d1	d2	r	l1	l2	d	l	Inclination angle 30′	1°	1° 30′	2°	3°
575.120.12.050					5,0			6,20	6,61	6,96	7,28	7,86
575.120.12.100	1,2	1,15	0,12	1,6	10,0	4,0	60	11,52	12,10	12,58	13,00	13,72
575.120.12.150					15,0			16,79	17,49	18,06	18,55	19,38
575.150.15.050					5,0			6,39	6,76	7,10	7,40	7,95
575.150.15.100	1,5	1,40	0,15	2,4	10,0	4,0	60	11,68	12,22	12,68	13,08	13,79
575.150.15.150					15,0			16,92	17,59	18,14	18,62	19,44
575.150.15.200					20,0			22,14	22,91	23,54	24,07	-
575.200.20.060			0,20		6,0			6,20	6,42	6,66	6,91	7,48
575.200.20.120			0,20		12,0			12,41	12,85	13,32	13,83	14,98
575.200.20.180			0,20		18,0			18,61	19,28	19,99	20,76	-
575.200.20.200			0,20		20,0			20,68	21,42	22,21	23,06	-
575.200.20.240			0,20		24,0			24,82	25,71	26,66	27,68	-
575.200.20.300	2,0	1,90	0,20	3,0	30,0	4,0	60	31,03	32,13	33,32	-	-
575.200.50.060			0,50		6,0			6,20	6,41	6,65	6,90	7,47
575.200.50.120			0,50		12,0			12,40	12,84	13,32	13,82	14,97
575.200.50.180			0,50		18,0			18,61	19,27	19,98	20,75	-
575.200.50.200			0,50		20,0			20,68	21,41	22,20	23,05	-
575.200.50.240			0,50		24,0			24,82	25,70	26,65	27,67	-
575.200.50.300			0,50		30,0			31,03	32,13	33,32	-	-
575.300.30.080			0,30		8,0		60	8,32	8,61	8,93	9,27	10,03
575.300.30.120			0,30		12,0		60	12,46	12,90	13,37	13,88	15,03
575.300.30.180			0,30		18,0		60	18,66	19,33	20,04	20,80	22,53
575.300.30.240			0,30		24,0		60	24,87	25,75	26,70	27,73	30,03
575.300.30.300			0,30		30,0		60	31,08	32,18	33,37	34,65	-
575.300.30.450	3,0	2,80	0,30	3,5	45,0	6,0	100	46,59	48,25	50,04	-	-
575.300.50.080			0,50		8,0		60	8,32	8,61	8,92	9,26	10,02
575.300.50.120			0,50		12,0		60	12,45	12,89	13,37	13,87	15,02
575.300.50.180			0,50		18,0		60	18,66	19,32	20,03	20,80	22,52
575.300.50.240			0,50		24,0		60	24,87	25,75	26,70	27,72	30,02
575.300.50.300			0,50		30,0		60	31,08	32,18	33,37	34,64	-
575.300.50.450			0,50		45,0		100	46,59	48,25	50,03	-	-
575.400.50.100					10,0		60	10,39	10,75	11,14	11,57	12,52
575.400.50.120					12,0		60	12,45	12,89	13,37	13,87	15,02
575.400.50.240	4,0	3,80	0,50	4,0	24,0	6,0	60	24,87	25,75	26,70	27,72	-
575.400.50.300					30,0		60	31,08	32,18	33,37	-	-
575.400.50.400					40,0		100	41,42	42,89	-	-	-
575.500.50.150					15,0		60	15,56	16,11	16,70	-	-
575.500.50.300	5,0	4,80	0,50	5,0	30,0	6,0	60	31,08	32,18	-	-	-
575.500.50.400					40,0		100	41,42	-	-	-	-
575.500.50.500					50,0		100	51,76	-	-	-	-
575.600.50.180					18,0		60	-	-	-	-	-
575.600.50.200					20,0		60	-	-	-	-	-
575.600.50.300	6,0	5,80	0,50	6,0	30,0	6,0	60	-	-	-	-	-
575.600.50.450					45,0		100	-	-	-	-	-
575.600.50.600					60,0		100	-	-	-	-	-

865 ★★★

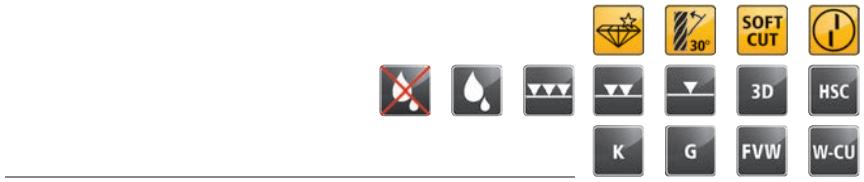




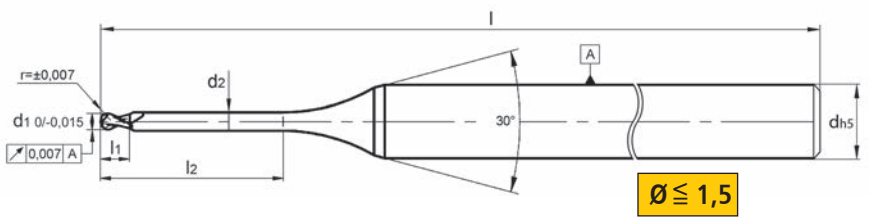
POWER LINE
Solid carbide ball nose end mill

☑ Quality tool for standard applications
☑ Innovative geometry
☑ Tried-and-tested diamond coating
☑ Cost-optimized due to large scale manufacture
☑ Concentricity:
0.007 mm <Ø6.0 mm <70 mm length
☑ Diameter tolerance: 0/-0.015 mm <Ø6.0 mm

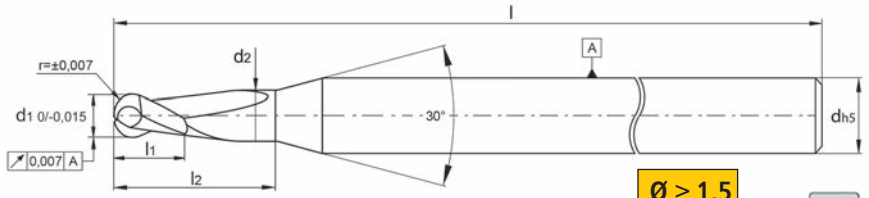
Order no	d1	d2	r	l1	l2	d	l	Inclination angle 30′	1°	1° 30′	2°	3°
865.050.25.025					2,5		40	3,48	3,76	4,02	4,27	4,72
865.050.25.035					3,5		40	4,57	4,91	5,21	5,48	5,99
865.050.25.050	0,5	0,45	0,25	0,70	5,0	4,0	60	6,19	6,59	6,95	7,26	7,83
865.050.25.075					7,5		60	8,86	9,36	9,78	10,15	10,80
865.050.25.100					10,0		60	11,52	12,09	12,57	12,98	13,70
865.100.50.050					5,0			6,17	6,56	6,91	7,22	7,77
865.100.50.100					10,0			11,50	12,07	12,54	12,95	13,66
865.100.50.150	1,0	0,95	0,50	1,60	15,0	4,0	60	16,77	17,46	18,02	18,51	19,33
865.100.50.200					20,0			22,00	22,80	23,43	23,97	24,88
865.100.50.250					25,0			27,21	28,09	28,79	29,38	-
865.150.75.050					5,0			6,35	6,70	7,01	7,30	7,83
865.150.75.100	1,5	1,40	0,75	2,40	10,0	4,0	60	11,65	12,17	12,62	13,01	13,70
865.150.75.150					15,0			16,90	17,55	18,09	18,56	19,36
865.150.75.200					20,0			22,11	22,87	23,49	24,02	-
865.200.100.060					6,0			6,19	6,41	6,64	6,88	7,44
865.200.100.120					12,0			12,40	12,83	13,30	13,81	14,94
865.200.100.180	2,0	1,90	1,00	3,00	18,0	4,0	60	18,61	19,26	19,97	20,73	-
865.200.100.200					20,0			20,68	21,41	22,19	23,04	-
865.200.100.240					24,0			24,81	25,69	26,64	27,65	-
865.200.100.300					30,0			31,02	32,12	33,30	-	-
865.300.150.080					8,0		60	8,31	8,59	8,89	9,22	9,97
865.300.150.120					12,0		60	12,45	12,88	13,34	13,84	14,97
865.300.150.180	3,0	2,80	1,50	3,50	18,0	6,0	60	18,65	19,30	20,01	20,76	22,47
865.300.150.240					24,0		60	24,86	25,73	26,67	27,68	29,97
865.300.150.300					30,0		60	31,07	32,16	33,34	34,61	-
865.300.150.450					45,0		100	46,58	48,23	50,01	-	-



★★★ 865



Ø ≦ 1,5



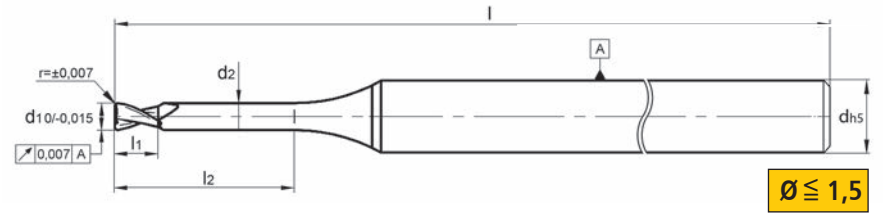
Ø > 1,5

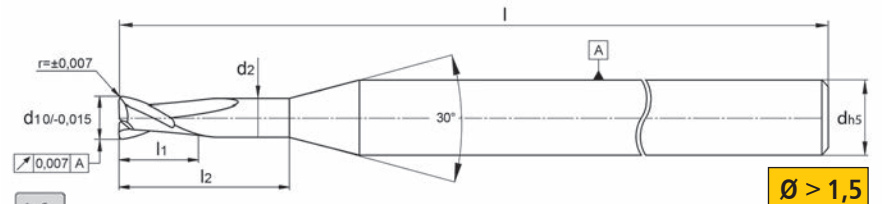
POWER LINE
Solid carbide ball nose end mill

☑ Quality tool for standard applications
☑ Innovative geometry
☑ Tried-and-tested diamond coating
☑ Cost-optimized due to large scale manufacture
☑ Concentricity:
0.007 mm <Ø6.0 mm <70 mm length
☑ Diameter tolerance: 0/-0.015 mm <Ø6.0 mm

Order no								Inclination angle				
	d1	d2	r	l1	l2	d	l	30′	1°	1° 30′	2°	3°
865.400.200.100					10,0		60	10,37	10,72	11,10	11,51	12,44
865.400.200.120					12,0		60	12,44	12,87	13,33	13,82	14,94
865.400.200.240	4,0	3,80	2,00	4,00	24,0	6,0	60	24,86	25,72	26,66	27,67	-
865.400.200.300					30,0		60	31,06	32,15	33,33	-	-
865.400.200.400					40,0		100	41,41	42,87	-	-	-
865.600.300.180					18,0		60	-	-	-	-	-
865.600.300.200					20,0		60	-	-	-	-	-
865.600.300.300	6,0	5,80	3,00	6,00	30,0	6,0	60	-	-	-	-	-
865.600.300.450					45,0		100	-	-	-	-	-
865.600.300.600					60,0		100	-	-	-	-	-

875 ★★★

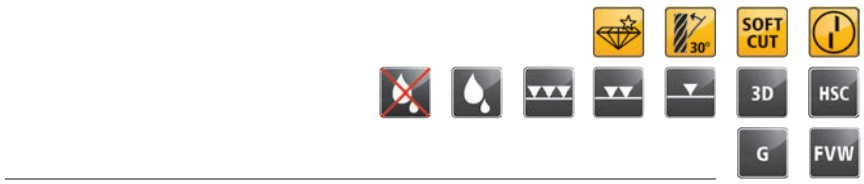




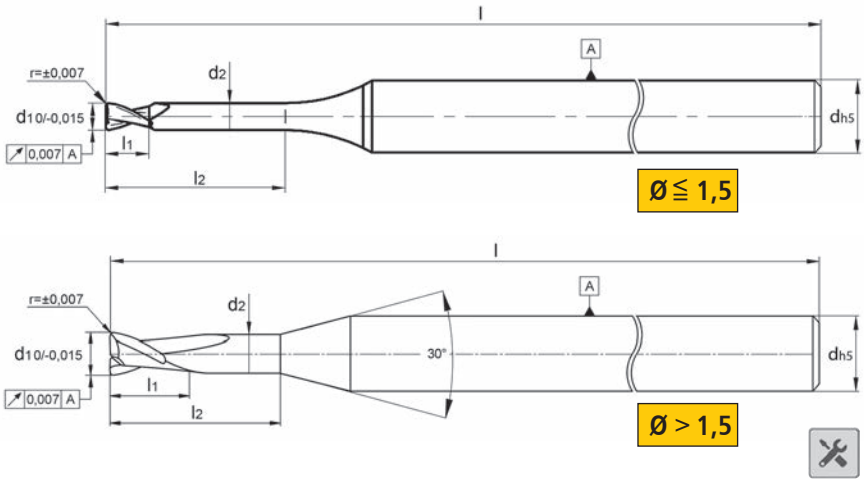
POWER LINE
Solid carbide end mill with corner radius

☑ Quality tool for standard applications
☑ Cost-optimised due to large-scale manufacture
☑ Innovative geometry
☑ Tried-and-tested diamond coating
☑ Concentricity:
0.007 mm <Ø6.0 mm <70 mm length
☑ Diameter tolerance: 0/-0.015 mm <Ø6.0 mm

Order no	d1	d2	r	l1	l2	d	l	Inclination angle 30′	1°	1° 30′	2°	3°
875.050.05.025					2,5		40	3,50	3,79	4,06	4,31	4,78
875.050.05.035					3,5		40	4,58	4,93	5,24	5,52	6,04
875.050.05.050	0,5	0,45	0,05	0,7	5,0	4,0	60	6,20	6,62	6,97	7,30	7,87
875.050.05.075					7,5		60	8,87	9,38	9,80	10,18	10,84
875.050.05.100					10,0		60	11,53	12,11	12,59	13,01	13,74
875.100.10.050					5,0			6,20	6,61	6,97	7,29	7,86
875.100.10.100	1,0	0,95	0,10	1,6	10,0	4,0	60	11,52	12,10	12,58	13,00	13,73
875.100.10.150					15,0			16,79	17,49	18,06	18,55	19,39
875.100.10.200					20,0			22,02	22,82	23,46	24,01	24,93
875.150.15.050					5,0			6,39	6,76	7,10	7,40	7,95
875.150.15.100	1,5	1,40	0,15	2,4	10,0	4,0	60	11,68	12,22	12,68	13,08	13,79
875.150.15.150					15,0			16,92	17,59	18,14	18,62	19,44
875.150.15.200					20,0			22,14	22,91	23,54	24,07	-
875.200.20.060			0,20		6,0			6,20	6,42	6,66	6,91	7,48
875.200.20.120			0,20		12,0			12,41	12,85	13,32	13,83	14,98
875.200.20.180			0,20		18,0			18,61	19,28	19,99	20,76	-
875.200.20.200			0,20		20,0			20,68	21,42	22,21	23,06	-
875.200.20.240			0,20		24,0			24,82	25,71	26,66	27,68	-
875.200.20.300	2,0	1,90	0,20	3,0	30,0	4,0	60	31,03	32,13	33,32	-	-
875.200.50.060			0,50		6,0			6,20	6,41	6,65	6,90	7,47
875.200.50.120			0,50		12,0			12,40	12,84	13,32	13,82	14,97
875.200.50.180			0,50		18,0			18,61	19,27	19,98	20,75	-
875.200.50.200			0,50		20,0			20,68	21,41	22,20	23,05	-
875.200.50.240			0,50		24,0			24,82	25,70	26,65	27,67	-
875.200.50.300			0,50		30,0			31,03	32,13	33,32	-	-



★★★ 875



POWER LINE
Solid carbide end mill with corner radius

☑ Quality tool for standard applications
☑ Cost-optimised due to large-scale manufacture
☑ Innovative geometry
☑ Tried-and-tested diamond coating
☑ Concentricity:
0.007 mm <Ø6.0 mm <70 mm length
☑ Diameter tolerance: 0/-0.015 mm <Ø6.0 mm

Order no	d1	d2	r	l1	l2	d	l	Inclination angle 30′	1°	1° 30′	2°	3°
875.300.30.080			0,30		8,0		60	8,32	8,61	8,93	9,27	10,03
875.300.30.120			0,30		12,0		60	12,46	12,90	13,37	13,88	15,03
875.300.30.180			0,30		18,0		60	18,66	19,33	20,04	20,80	22,53
875.300.30.240			0,30		24,0		60	24,87	25,75	26,70	27,73	30,03
875.300.30.300			0,30		30,0		60	31,08	32,18	33,37	34,65	-
875.300.30.450	3,0	2,80	0,30	3,5	45,0	6,0	100	46,59	48,25	50,04	-	-
875.300.50.080			0,50		8,0		60	8,32	8,61	8,92	9,26	10,02
875.300.50.120			0,50		12,0		60	12,45	12,89	13,37	13,87	15,02
875.300.50.180			0,50		18,0		60	18,66	19,32	20,03	20,80	22,52
875.300.50.240			0,50		24,0		60	24,87	25,75	26,70	27,72	30,02
875.300.50.300			0,50		30,0		60	31,08	32,18	33,37	34,64	-
875.300.50.450			0,50		45,0		100	46,59	48,25	50,03	-	-
875.400.50.100					10,0		60	10,39	10,75	11,14	11,57	12,52
875.400.50.120					12,0		60	12,45	12,89	13,37	13,87	15,02
875.400.50.240	4,0	3,80	0,50	4,0	24,0	6,0	60	24,87	25,75	26,70	27,72	-
875.400.50.300					30,0		60	31,08	32,18	33,37	-	-
875.400.50.400					40,0		100	41,42	42,89	-	-	-
875.500.50.150					15,0		60	15,56	16,11	16,70	-	-
875.500.50.300	5,0	4,80	0,50	5,0	30,0	6,0	60	31,08	32,18	-	-	-
875.500.50.400					40,0		100	41,42	-	-	-	-
875.500.50.500					50,0		100	51,76	-	-	-	-
875.600.50.180					18,0		60	-	-	-	-	-
875.600.50.200					20,0		60	-	-	-	-	-
875.600.50.300	6,0	5,80	0,50	6,0	30,0	6,0	60	-	-	-	-	-
875.600.50.450					45,0		100	-	-	-	-	-
875.600.50.600					60,0		100	-	-	-	-	-

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