



SOLID CARBIDE TOOLS
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IKAR

CARBIDE TOOLS

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Highest Quality Standard and Made to Order Solid Carbide Tools

When ordering please reference the product number on each item.





Quality performance cutting tools for Mechanical, Automotive and Aerospace and Defence industry.

The knowledge of our engineers as well as newest technologies available is what makes our tools the best available. Ikar manufactures cutting tools with high performance for precision machining industry and CNC milling operations. Specialised in made to order tools.

Our products:

- DRILLS (pg. 3-7)
- END MILLS (pg. 8- 21)
- MADE TO ORDER TOOLS

When ordering please reference the product number on each item.



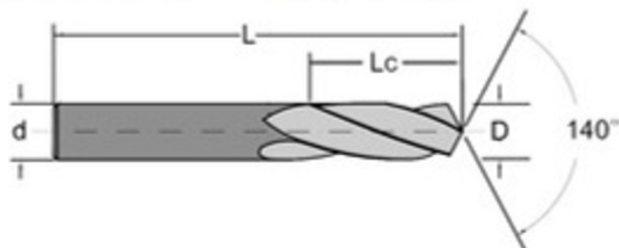


PC243

Premium Class Drills - Sub-Micrograin Carbide

PC243 With TiAlN COATING

2 Flute - 3 x D Drilling Capability - 25° - 30° Helix



	D cutting dia.	Fl flute length	d shank dia.	L overall length		D cutting dia.	Fl flute length	d shank dia.	L overall length
PC243-1181	3	20	6	62	PC243-1969	5.0	28	6	66
PC243-1220	3.1	20	6	62	PC243-2008	5.1	28	6	66
PC243-1260	3.2	20	6	62	PC243-2087	5.3	28	6	66
PC243-1299	3.3	20	6	62	PC243-2126	5.4	28	6	66
PC243-1339	3.4	20	6	62	PC243-2165	5.5	28	6	66
PC243-1378	3.5	20	6	62	PC243-2323	5.9	28	6	66
PC243-1417	3.6	20	6	62	PC243-2362	6.0	28	6	66
PC243-1457	3.7	24	6	62	PC243-2402	6.1	34	8	79
PC243-1496	3.8	24	6	66	PC243-2441	6.2	34	8	79
PC243-1535	3.9	24	6	66	PC243-2480	6.3	34	8	79
PC243-1575	4.0	24	6	66	PC243-2520	6.4	34	8	79
PC243-1614	4.1	24	6	66	PC243-2559	6.5	34	8	79
PC243-1654	4.2	24	6	66	PC243-2598	6.6	34	8	79
PC243-1693	4.3	24	6	66	PC243-2638	6.7	34	8	79
PC243-1732	4.4	24	6	66	PC243-2677	6.8	34	8	79
PC243-1772	4.5	24	6	66	PC243-2717	6.9	34	8	79
PC243-1811	4.6	24	6	66	PC243-2756	7.0	34	8	79
PC243-1850	4.7	24	6	66	PC243-2795	7.1	41	8	79
PC243-1980	4.8	28	6	66	PC243-2835	7.2	41	8	79
PC243-1929	4.9	28	6	66	PC243-2874	7.3	41	8	79

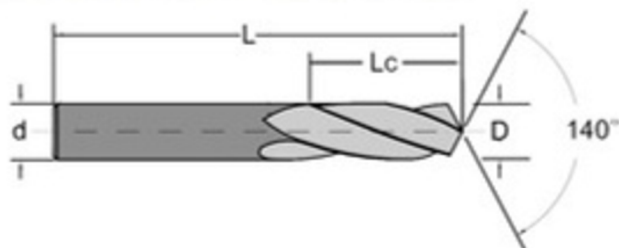


PC243

Premium Class Drills - Sub-Micrograin Carbide

PC243 With TiAlN COATING

2 Flute - 3 x D Drilling Capability - 25° - 30° Helix



	D cutting dia.	Fl flute length	d shank dia.	L overall length
PC243-2913	7.4	41	8	79
PC243-2953	7.5	41	8	79
PC243-2992	7.6	41	8	79
PC243-3071	7.8	41	8	79
PC243-3110	7.9	41	8	79
PC243-3150	8.0	41	8	79
PC243-3189	8.1	47	10	89
PC243-3228	8.2	47	10	89
PC243-3268	8.3	47	10	89
PC243-3307	8.4	47	10	89
PC243-3346	8.5	47	10	89
PC243-3386	8.6	47	10	89
PC243-3425	8.7	47	10	89
PC243-3465	8.8	47	10	89
PC243-3504	8.9	47	10	89
PC243-3543	9.0	47	10	89
PC243-3583	9.1	47	10	89
PC243-3622	9.2	47	10	89
PC243-3661	9.3	47	10	89
PC243-3701	9.4	47	10	89

	D cutting dia.	Fl flute length	d shank dia.	L overall length
PC243-3740	9.5	47	10	89
PC243-3780	9.6	47	10	89
PC243-3819	9.7	47	10	89
PC243-3858	9.8	47	10	89
PC243-3976	10.1	55	12	102
PC243-4016	10.2	55	12	102
PC243-4055	10.3	55	12	102
PC243-4252	10.8	55	12	102
PC243-4291	10.9	55	12	102
PC243-4331	11.0	55	12	102
PC243-4921	12.5	60	14	107
PC243-4961	12.6	60	14	107
PC243-5000	12.7	60	14	107
PC243-5039	12.8	60	14	107
PC243-5079	12.9	60	14	107
PC243-5118	13.0	60	14	107
PC243-5157	13.1	60	14	107
PC243-5197	13.2	60	14	107
PC243-5236	13.3	60	14	107
PC243-5276	13.4	60	14	107

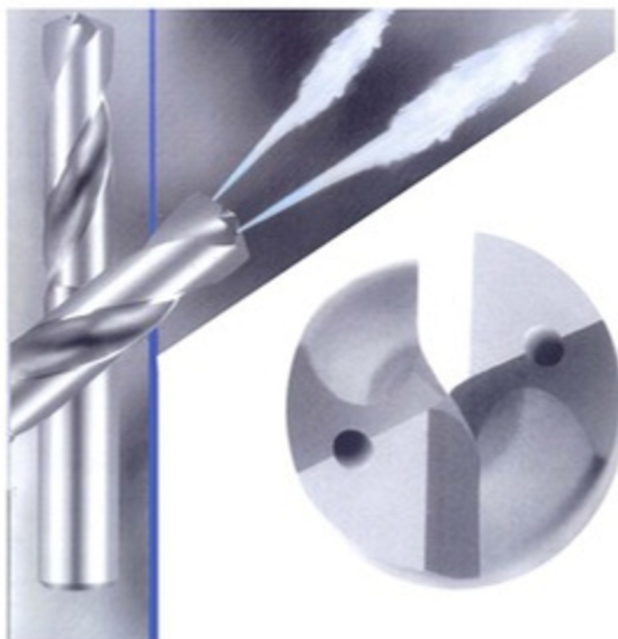
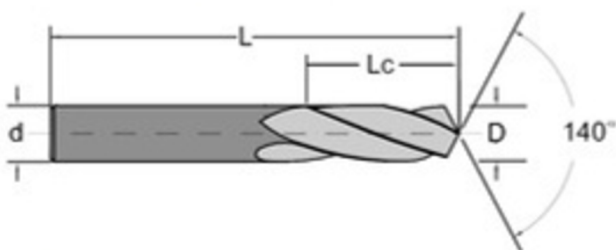


PC243

Premium Class Drills - Sub-Micrograin Carbide

PC243 With TiAlN COATING

2 Flute - 3 x D Drilling Capability - 25° - 30° Helix



	D cutting dia.	Fl flute length	d shank dia.	L overall length
PC243-5315	13.5	60	14	107
PC243-5906	15.0	65	16	115
PC243-6102	15.5	65	16	115
PC243-6299	16.0	65	16	115
PC243-6496	16.5	73	18	123
PC243-6693	17.0	73	18	123
PC243-6890	17.5	73	18	123
PC243-7087	18.0	73	18	123
PC243-7283	18.5	79	20	131
PC243-7480	19.0	79	20	131
PC243-7677	19.5	79	20	131
PC243-7874	20.0	79	20	131

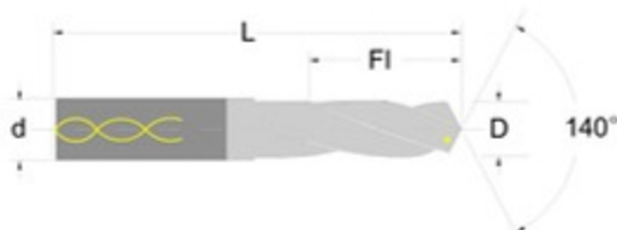


PC253

Premium Class Drills - Sub-Micrograin Carbide

PC253 With TiAlN COATING

2 Flute - 3 x D Drilling Capability - 25° - 30° Helix - Coolant Fed



	D cutting dia.	Fl flute length	d shank dia.	L overall length
PC253-1181	3.0	20	6	62
PC253-1220	3.1	20	6	62
PC253-1260	3.2	20	6	62
PC253-1299	3.3	20	6	62
PC253-1339	3.4	20	6	62
PC253-1378	3.5	20	6	62
PC253-1417	3.6	20	6	62
PC253-1457	3.7	24	6	62
PC253-1496	3.8	24	6	66
PC253-1535	3.9	24	6	66
PC253-1575	4.0	24	6	66
PC253-1614	4.1	24	6	66
PC253-1654	4.2	24	6	66
PC253-1693	4.3	24	6	66
PC253-1732	4.4	24	6	66
PC253-1772	4.5	24	6	66
PC253-1811	4.6	24	6	66
PC253-1850	4.7	24	6	66
PC253-1980	4.8	28	6	66
PC253-1929	4.9	28	6	66

	D cutting dia.	Fl flute length	d shank dia.	L overall length
PC253-1969	5.0	28	6	66
PC253-2008	5.1	28	6	66
PC253-2047	5.2	28	6	66
PC253-2087	5.3	28	6	66
PC253-2126	5.4	28	6	66
PC253-2165	5.5	28	6	66
PC253-2205	5.6	28	6	66
PC253-2244	5.7	28	6	66
PC253-2283	5.8	28	6	66
PC253-2323	5.9	28	6	66
PC253-2362	6.0	28	6	66
PC253-2402	6.1	34	8	79
PC253-2441	6.2	34	8	79
PC253-3031	7.7	41	8	79
PC253-3071	7.8	41	8	79
PC253-3110	7.9	41	8	79
PC253-3150	8.0	41	8	79
PC253-3189	8.1	47	10	89
PC253-3228	8.2	47	10	89
PC253-3268	8.3	47	10	89

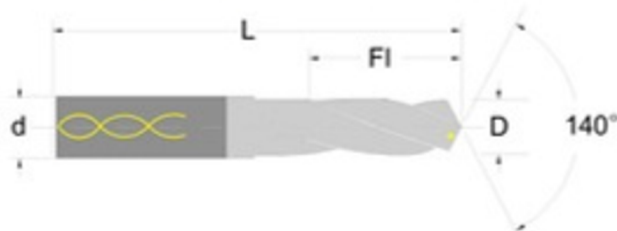


PC253

Premium Class Drills - Sub-Micrograin Carbide

PC253 With TiAlN COATING

2 Flute - 3 x D Drilling Capability - 25° - 30° Helix - Coolant Fed



	D cutting dia.	Fl flute length	d shank dia.	L overall length
PC253-3307	8.4	47	10	89
PC253-3346	8.5	47	10	89
PC253-3386	8.6	47	10	89
PC253-3425	8.7	47	10	89
PC253-3465	8.8	47	10	89
PC253-3504	8.9	47	10	89
PC253-3543	9.0	47	10	89
PC253-3583	9.1	47	10	89
PC253-3622	9.2	47	10	89
PC253-3661	9.3	47	10	89
PC253-3701	9.4	47	10	89
PC253-3740	9.5	47	10	89
PC253-3780	9.6	47	10	89
PC253-3819	9.7	47	10	89
PC253-3858	9.8	47	10	89
PC253-3898	9.9	47	10	89
PC253-3937	10.0	47	10	89
PC253-4646	11.8	55	12	102
PC253-4685	11.9	55	12	102
PC253-4724	12.0	55	12	102
PC253-4764	12.1	60	14	107

	D cutting dia.	Fl flute length	d shank dia.	L overall length
PC253-4803	12.2	60	14	107
PC253-4843	12.3	60	14	107
PC253-4882	12.4	60	14	107
PC253-4921	12.5	60	14	107
PC253-4961	12.6	60	14	107
PC253-5000	12.7	60	14	107
PC253-5039	12.8	60	14	107
PC253-5079	12.9	60	14	107
PC253-5118	13.0	60	14	107
PC253-5157	13.1	60	14	107
PC253-5197	13.2	60	14	107
PC253-5236	13.3	60	14	107
PC253-5276	13.4	60	14	107
PC253-5315	13.5	60	14	107
PC253-5512	14.0	60	14	107
PC253-5709	14.5	65	16	115
PC253-5906	15.0	65	16	115
PC253-6102	15.5	65	16	115
PC253-6299	16.0	65	16	115

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METRIC CATALOGUE



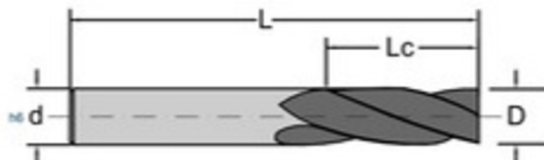


EM402

Premium Class End Mills - Sub-Micrograin Carbide

EM402 With TiAlN COATING

2 Flute - Single End - Standard Length



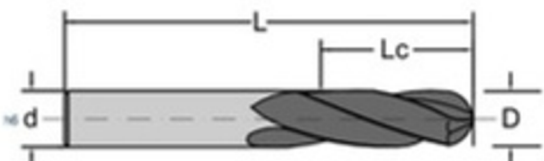
	D mill dia.	lc length of cut	d shank dia.	L overall length
EM402-1181	3.0	9.0	3	39
EM402-1575	4.0	14	4	51
EM402-1969	5.0	16	5	51
EM402-2362	6.0	19	6	64
EM402-3150	8.0	21	8	64
EM402-3937	10	22	10	70
EM402-4724	12	25	12	76
EM402-5512	14	30	14	89
EM402-6299	16	32	16	89

EM402BN

Premium Class End Mills - Sub-Micrograin Carbide

EM402BN With TiAlN COATING

2 Flute - Ball Nose



	D mill dia.	lc length of cut	d shank dia.	L overall length
EM402-1181-BN	3.0	9.0	3	39
EM402-1575-BN	4.0	14	4	51
EM402-1969-BN	5.0	16	5	51
EM402-2362-BN	6.0	19	6	64
EM402-3150-BN	8.0	21	8	64
EM402-3937-BN	10	22	10	70
EM402-4724-BN	12	25	12	76
EM402-5512-BN	14	30	14	89
EM402-6299-BN	16	32	16	89

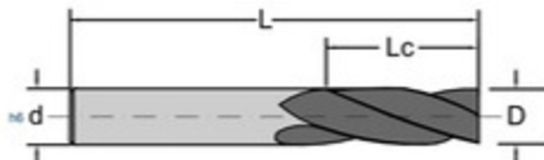


EM403

Premium Class End Mills - Sub-Micrograin Carbide

EM403 With TiAlN COATING

3 Flute - Single End - Standard Length



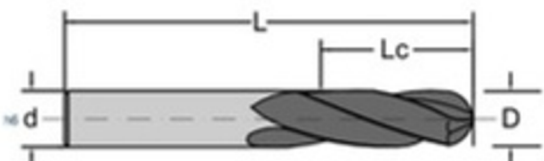
	D mill dia.	lc length of cut	d shank dia.	L overall length
EM403-1181	3.0	9.0	3	39
EM403-1575	4.0	14	4	51
EM403-1969	5.0	16	5	51
EM403-2362	6.0	19	6	64
EM403-3150	8.0	21	8	64
EM403-3937	10	22	10	70
EM403-4724	12	25	12	76
EM403-5512	14	30	14	89
EM403-6299	16	32	16	89

EM403BN

Premium Class End Mills - Sub-Micrograin Carbide

EM403BN With TiAlN COATING

3 Flute - Single End - Standard Length



	D mill dia.	lc length of cut	d shank dia.	L overall length
EM403-1181-BN	3.0	9.0	3	39
EM403-1575-BN	4.0	14	4	51
EM403-1969-BN	5.0	16	5	51
EM403-2362-BN	6.0	19	6	64
EM403-3150-BN	8.0	21	8	64
EM403-3937-BN	10	22	10	70
EM403-4724-BN	12	25	12	76
EM403-5512-BN	14	30	14	89
EM403-6299-BN	16	32	16	89

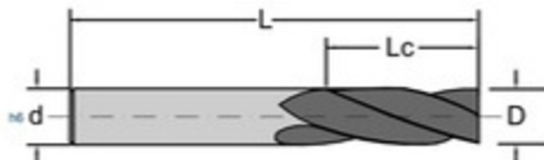


EM404

Premium Class End Mills - Sub-Micrograin Carbide

EM404 With TiAlN COATING

4 Flute - Single End - Standard Length



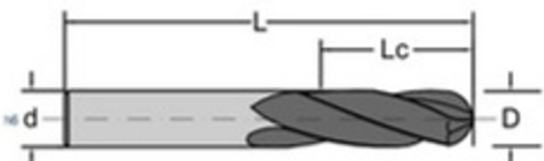
	D mill dia.	lc length of cut	d shank dia.	L overall length
EM404-1181	3.0	9.0	3	39
EM404-1575	4.0	14	4	51
EM404-1969	5.0	16	5	51
EM404-2362	6.0	19	6	64
EM404-3150	8.0	21	8	64
EM404-3937	10	22	10	70
EM404-4724	12	25	12	76
EM404-5512	14	30	14	89
EM404-6299	16	32	16	89

EM404BN

Premium Class End Mills - Sub-Micrograin Carbide

EM404BN With TiAlN COATING

4 Flute - Ball Nose



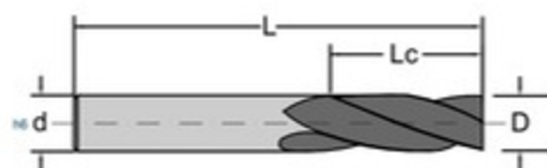
	D mill dia.	lc length of cut	d shank dia.	L overall length
EM404-1181-BN	3.0	9.0	3	39
EM404-1575-BN	4.0	14	4	51
EM404-1969-BN	5.0	16	5	51
EM404-2362-BN	6.0	19	6	64
EM404-3150-BN	8.0	21	8	64
EM404-3937-BN	10	22	10	70
EM404-4724-BN	12	25	12	76
EM404-5512-BN	14	30	14	89
EM404-6299-BN	16	32	16	89


EM464

General Purpose End Mills - Sub-Micrograin Carbide

EM464 EXTRA LONG LENGTH

4 Flute - Single End - Square End



	D mill dia.	lc length of cut	d shank dia.	L overall length
EM464-1181	3.0	19	3	57
EM464-1575	4.0	19	4	57
EM464-1969	5.0	25	5	64
EM464-2362	6.0	28	6	76
EM464-3150	8.0	29	8	76
EM464-3937	10	32	10	76
EM464-4724	12	51	12	102
EM464-5512	14	57	14	127
EM464-6299	16	57	16	127

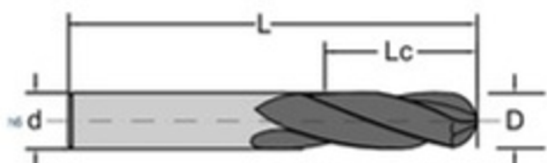
Coatings and shank flats available upon request.

EM464 BN

General Purpose End Mills - Sub-Micrograin Carbide

EM464BN EXTRA LONG LENGTH

4 Flute - Single End - Square End



	D mill dia.	lc length of cut	d shank dia.	L overall length
EM464-1181-BN	3.0	19	3	57
EM464-1575-BN	4.0	19	4	57
EM464-1969-BN	5.0	25	5	64
EM464-2362-BN	6.0	28	6	76
EM464-3150-BN	8.0	29	8	76
EM464-3937-BN	10	32	10	76
EM464-4724-BN	12	51	12	102
EM464-5512-BN	14	57	14	127
EM464-6299-BN	16	57	16	127

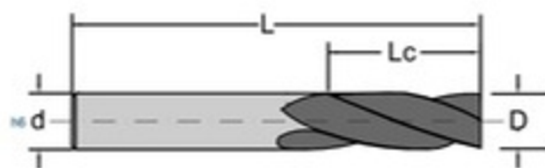
Coatings and shank flats available upon request.


EM484

General Purpose End Mills - Sub-Micrograin Carbide

EM484 EXTRA LONG LENGTH

4 Flute - Single End - Square End



	D mill dia.	lc length of cut	d shank dia.	L overall length
EM484-1181	3.0	25	3	76
EM484-1575	4.0	28	4	76
EM484-1969	5.0	32	5	76
EM484-2362	6.0	38	6	102
EM484-3150	8.0	42	8	102
EM484-3937	10	45	10	102
EM484-4724	12	76	12	153
EM484-5512	14	76	14	153
EM484-6299	16	76	16	153

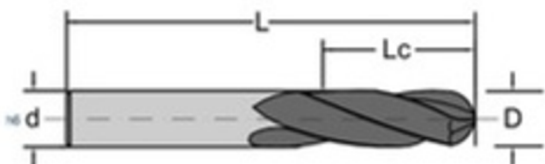
Coatings and shank flats available upon request.

EM484 BN

General Purpose End Mills - Sub-Micrograin Carbide

EM484BN EXTRA LONG LENGTH

4 Flute - Single End - Square End



	D mill dia.	lc length of cut	d shank dia.	L overall length
EM484-1181-BN	3.0	25	3	76
EM484-1575-BN	4.0	28	4	76
EM484-1969-BN	5.0	32	5	76
EM484-2362-BN	6.0	38	6	102
EM484-3150-BN	8.0	42	8	102
EM484-3937-BN	10	45	10	102
EM484-4724-BN	12	76	12	153
EM484-5512-BN	14	76	14	153
EM484-6299-BN	16	76	16	153

Coatings and shank flats available upon request.



EM421

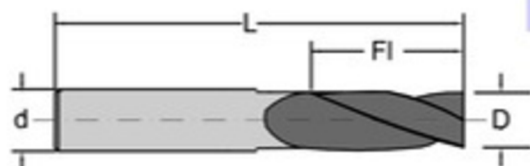
Premium Class End Mills - Sub-Micrograin Carbide

EM421 With TiAlN COATING

2 Flute - Single End - Standard Length



	D mill dia.	lc length of cut	d shank dia.	L overall length
EM421-1181	3	10	3	39
EM421-1575	4	14	4	51
EM421-1969	5	16	5	51
EM421-2362	6	19	6	64
EM421-3150	8	21	8	64
EM421-3937	10	25	10	70
EM421-4724	12	25	12	76
EM421-5512	14	30	14	89
EM421-6299	16	32	16	89



Coatings and shank flats available upon request.

EM421BN

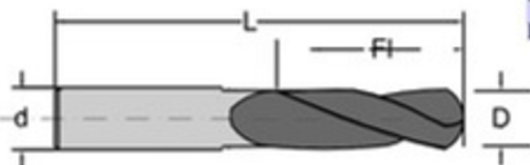
Premium Class End Mills - Sub-Micrograin Carbide

EM421BN With TiAlN COATING

2 Flute - Ball Nose



	D mill dia.	lc length of cut	d shank dia.	L overall length
EM421-1181-BN	3	10	3	39
EM421-1575-BN	4	14	4	51
EM421-1969-BN	5	16	5	51
EM421-2362-BN	6	19	6	64
EM421-3150-BN	8	21	8	64
EM421-3937-BN	10	25	10	70
EM421-4724-BN	12	25	12	76
EM421-5512-BN	14	30	14	89
EM421-6299-BN	16	32	16	89



Coatings and shank flats available upon request.

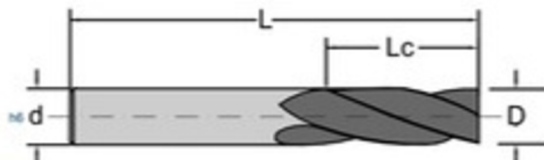


EM441

Premium Class End Mills - Sub-Micrograin Carbide

EM441 With TiAlN COATING

4 Flute - Single End - Standard Length



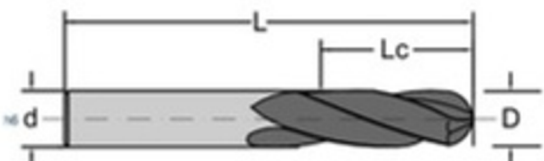
	D mill dia.	lc length of cut	d shank dia.	L overall length
PC441-1181	3	10	3	39
PC441-1575	4	14	4	51
PC441-1969	5	16	5	51
PC441-2362	6	19	6	64
PC441-3150	8	21	8	64
PC441-3937	10	25	10	70
PC441-4724	12	25	12	76
PC441-5512	14	30	14	89
PC441-6299	16	32	16	89

EM441BN

Premium Class End Mills - Sub-Micrograin Carbide

EM441BN With TiAlN COATING

4 Flute - Ball Nose



	D mill dia.	lc length of cut	d shank dia.	L overall length
PC441-1181-BN	3	10	3	39
PC441-1575-BN	4	14	4	51
PC441-1969-BN	5	16	5	51
PC441-2362-BN	6	19	6	64
PC441-3150-BN	8	21	8	64
PC441-3937-BN	10	25	10	70
PC441-4724-BN	12	25	12	76
PC441-5512-BN	14	30	14	89
PC441-6299-BN	16	32	16	89


EM418BN

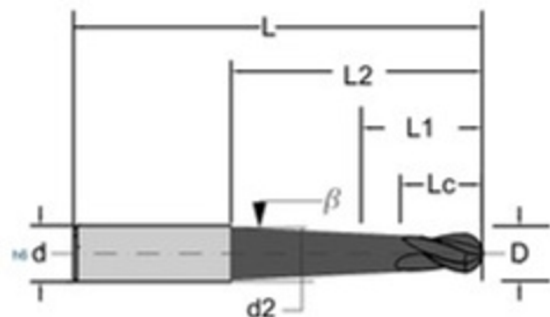
Premium Class End Mills - Sub-Micrograin Carbide

EM418BN With TiAlN COATING

2 Flute - Ball Nose - Taperd Pencil Neck



	D mill dia.	lc lengt h of cut	L2 non- taper neck length	L1 neck length	d2 max neck dia.	β Neck incline	d shann k dia.	L overal l length
PC418-1180	3.0	8.0	10.5	30	5.0	3°	6	70
PC418-1181	3.0	8.0	10.5	50	5.0	1.5°	6	90
PC418-1574	4.0	8.0	10.5	28	6.0	3°	6	70
PC418-1575	4.0	8.0	10.5	48	6.0	1.5°	9	90
PC418-1968	5.0	10.0	12.5	40	8.0	3°	8	90
PC418-1969	5.0	10.0	12.5	60	7.5	1.5°	8	110
PC418-2361	6.0	12.0	14.5	33.5	8.0	3°	8	90
PC418-2362	6.0	12.0	14.5	52	8.0	1.5°	8	110
PC418-3150	8.0	14.0	16.5	35.5	10.0	3°	10	100
PC418-3151	8.0	14.0	16.5	54.5	10.0	1.5°	10	120
PC418-3930	10.0	18.0	20.5	39.5	12.0	3°	12	110
PC418-3931	10.0	18.0	20.5	58.5	12.0	1.5°	12	130
PC418-4720	12.0	22.0	25	60	16.0	3°	16	140
PC418-4721	12.0	22.0	25	80	15.0	1.5°	16	160





EM419BN

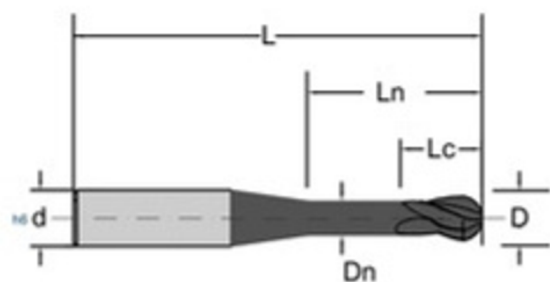
Premium Class End Mills - Sub-Micrograin Carbide

EM419 With TiAlN COATING

2 Flute - Ball Nose - Neck Design - Standard Reach



	D mill dia.	lc length of cut	ln	Dn neck dia.	d shank dia.	L overall length
PC419-1179	3.0	3.0	10	2.85	6	70
PC419-1180	3.0	3.0	12	2.85	6	70
PC419-1181	3.0	3.0	15.0	2.85	6	70
PC419-1572	4.0	4.0	8.0	3.85	6	70
PC419-1573	4.0	4.0	12.0	3.85	6	70
PC419-1574	4.0	4.0	16.0	3.85	6	70
PC419-1575	4.0	4.0	20.0	3.85	6	70
PC419-1969	5.0	5.0	25.0	4.85	6	80
PC419-1962	6.0	6.0	30.0	5.85	6	90





EM432

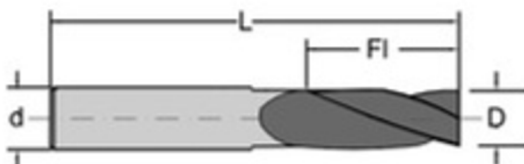
Premium Class End Mills - Sub-Micrograin Carbide

EM432 With TiAlN COATING

4 Flute - Corner Radius - Necked Design



	D mill dia.	R corner radius	lc length of cut	d shank dia.	L overall length
PC432-1182	3	0.5	8	6	60
PC432-1576	4	0.5	11	6	70
PC432-1577	4	1.0	11	6	70
PC432-1968	5	0.5	13	6	80
PC432-1969	5	1.0	13	6	80
PC432-2361	6	0.5	13	6	80
PC432-2362	6	1.0	13	6	80
PC432-2363	6	1.5	13	6	80
PC432-2364	6	2.0	13	6	80
PC432-3150	8	0.5	19	8	100
PC432-3151	8	1.0	19	8	100
PC432-3152	8	1.5	19	8	100
PC432-3153	8	2.0	19	8	100
PC432-3930	10	0.5	22	10	100
PC432-3931	10	1.0	22	10	100
PC432-3932	10	1.5	22	10	100
PC432-3933	10	2.0	22	10	100
PC432-3934	10	3.0	22	10	100
PC432-4720	12	0.5	26	12	110
PC432-4721	12	1.0	26	12	110
PC432-4722	12	1.5	26	12	110
PC432-4723	12	2.0	26	12	110
PC432-4724	12	3.0	26	12	110





EM433

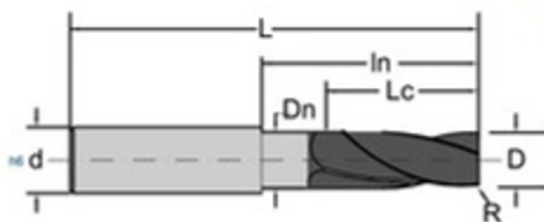
Premium Class End Mills - Sub-Micrograin Carbide

EM433 With TiAlN COATING

2 Flute - Corner Radius



	D mill dia.	R corner radius	lc length of cut	ln reach length	Dn neck dia.	d shank dia.	L overall length
PC433-1182	3.0	0.5	4.5	14	2.8	6	60
PC433-1576	4.0	0.5	6.0	25	3.7	6	70
PC433-1577	4.0	1.0	6.0	25	3.7	6	70
PC433-1968	5.0	0.5	7.5	30	4.6	6	80
PC433-1969	5.0	1.0	7.5	30	4.6	6	80
PC433-2361	6.0	0.5	9.0	35	5.5	6	80
PC433-2362	6.0	1.0	9.0	35	5.5	6	80
PC433-2363	6.0	1.5	9.0	35	5.5	6	80
PC433-2364	6.0	2.0	9.0	35	5.5	6	80
PC433-3150	8.0	0.5	12	40	7.4	8	100
PC433-3151	8.0	1.0	12	40	7.4	8	100
PC433-3152	8.0	1.5	12	40	7.4	8	100
PC433-3153	8.0	2.0	12	40	7.4	8	100
PC433-3930	10	0.5	15	45	9.2	10	100
PC433-3931	10	1.0	15	45	9.2	10	100
PC433-3932	10	1.5	15	45	9.2	10	100
PC433-3933	10	2.0	15	45	9.2	10	100
PC433-3934	10	3.0	15	45	9.2	10	100
PC433-4720	12	0.5	18	50	11	12	110
PC433-4721	12	1.0	18	50	11	12	110
PC433-4722	12	1.5	18	50	11	12	110
PC433-4723	12	2.0	18	50	11	12	110
PC433-4724	12	3.0	18	50	11	12	110





EM434

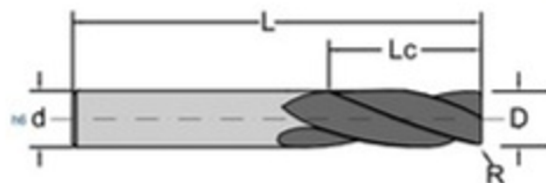
Premium Class End Mills - Sub-Micrograin Carbide

EM434 With TiAlN COATING

4 Flute - Corner Radius



	D mill dia.	R corner radius	lc length of cut	d shank dia.	L overall length
PC434-1182	3	0.5	8	6	60
PC434-1576	4	0.5	11	6	70
PC434-1577	4	1.0	11	6	70
PC434-1968	5	0.5	13	6	80
PC434-1969	5	1.0	13	6	80
PC434-2361	6	0.5	13	6	80
PC434-2362	6	1.0	13	6	80
PC434-2363	6	1.5	13	6	80
PC434-2364	6	2.0	13	6	80
PC434-3150	8	0.5	19	8	100
PC434-3151	8	1.0	19	8	100
PC434-3152	8	1.5	19	8	100
PC434-3153	8	2.0	19	8	100
PC434-3930	10	0.5	22	10	100
PC434-3931	10	1.0	22	10	100
PC434-3932	10	1.5	22	10	100
PC434-3933	10	2.0	22	10	100
PC434-3934	10	3.0	22	10	100
PC434-4720	12	0.5	26	12	110
PC434-4721	12	1.0	26	12	110
PC434-4722	12	1.5	26	12	110
PC434-4723	12	2.0	26	12	110
PC434-4724	12	3.0	26	12	110





EM435

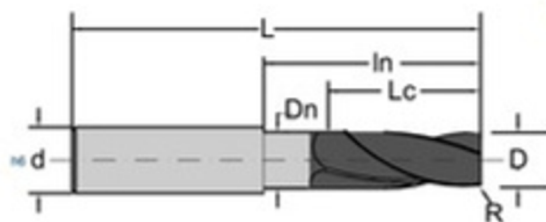
Premium Class End Mills - Sub-Micrograin Carbide

EM435 With TiAlN COATING

4 Flute - Corner Radius - Necked Design



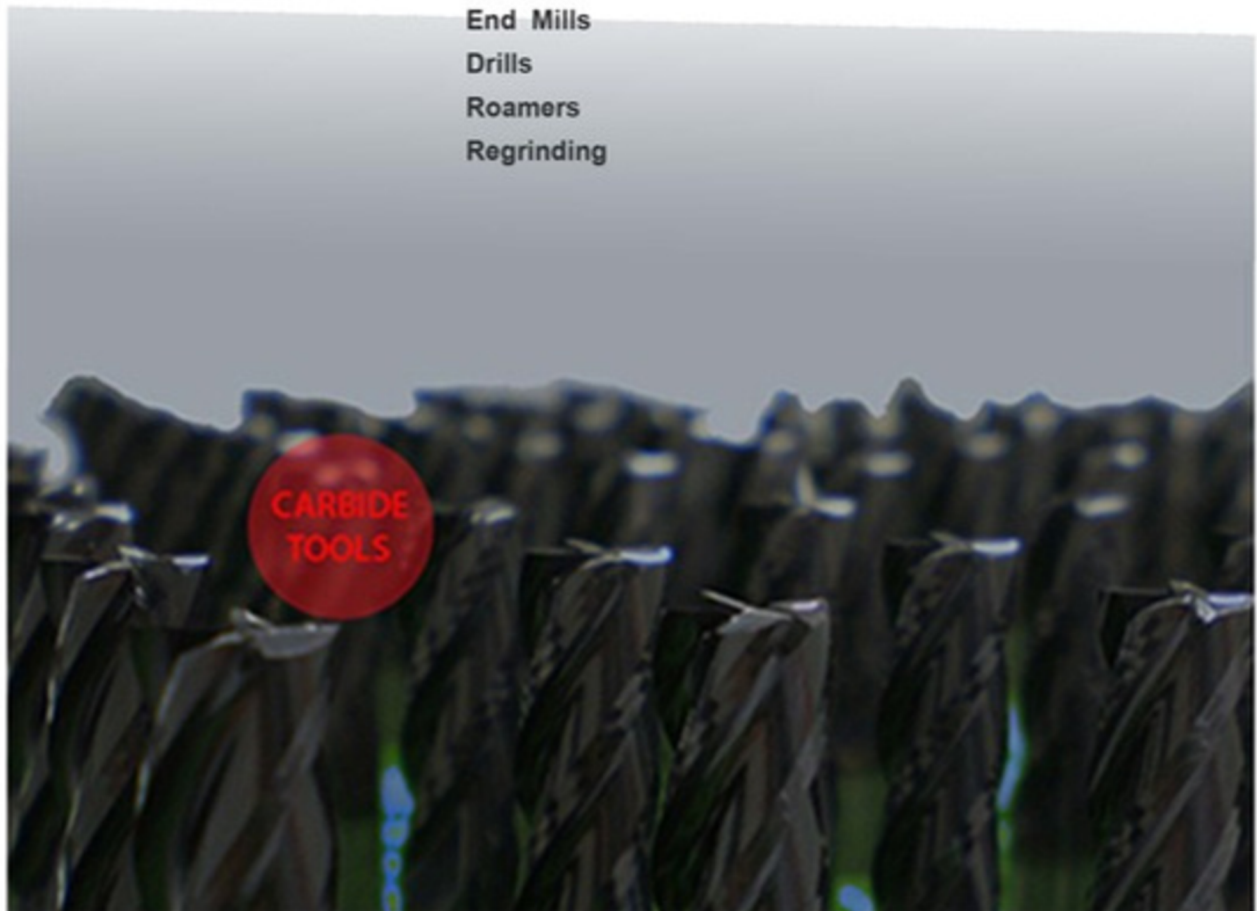
	D mill dia.	R corner radius	lc length of cut	ln reach length	Dn neck dia.	d shank dia.	L overall length
PC435-1182	3.0	0.5	4.5	14	2.8	6	60
PC435-1576	4.0	0.5	6.0	25	3.7	6	70
PC435-1577	4.0	1.0	6.0	25	3.7	6	70
PC435-1968	5.0	0.5	7.5	30	4.6	6	80
PC435-1969	5.0	1.0	7.5	30	4.6	6	80
PC435-2361	6.0	0.5	9.0	35	5.5	6	80
PC435-2362	6.0	1.0	9.0	35	5.5	6	80
PC435-2363	6.0	1.5	9.0	35	5.5	6	80
PC435-2364	6.0	2.0	9.0	35	5.5	6	80
PC435-3150	8.0	0.5	12	40	7.4	8	100
PC435-3151	8.0	1.0	12	40	7.4	8	100
PC435-3152	8.0	1.5	12	40	7.4	8	100
PC435-3153	8.0	2.0	12	40	7.4	8	100
PC435-3930	10	0.5	15	45	9.2	10	100
PC435-3931	10	1.0	15	45	9.2	10	100
PC435-3932	10	1.5	15	45	9.2	10	100
PC435-3933	10	2.0	15	45	9.2	10	100
PC435-3934	10	3.0	15	45	9.2	10	100
PC435-4720	12	0.5	18	50	11	12	110
PC435-4721	12	1.0	18	50	11	12	110
PC435-4722	12	1.5	18	50	11	12	110
PC435-4723	12	2.0	18	50	11	12	110
PC435-4724	12	3.0	18	50	11	12	110



Notes:

Carbide Tools:

End Mills
Drills
Roamers
Regrinding





IKAR

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