



4-Flute Carbide End Mills

TiN Coated!

Titanium Nitride, one of the very first cutting tool coatings, improves tool life by serving as a thermal and chemical barrier between the tool and the work piece. TiN performs well with lower horsepower machinery and is available on a variety of general purpose end mills.



Cut Diameter	Shank Diameter	Flute Length	OAL	Order No.	Regular Price	SALE
1/8"	1/8"	1/2"	1 1/2"	DD40-30714	\$ 10.80	\$ 9.20
3/16"	3/16"	5/8"	2"	DD40-30722	14.90	12.65
1/4"	1/4"	3/4"	2 1/2"	DD40-30730	18.20	15.45
3/8"	3/8"	7/8"	2 1/2"	DD40-30746	31.00	26.35
1/2"	1/2"	1"	3"	DD40-30762	49.30	41.90
5/8"	5/8"	1 1/4"	3 1/2"	DD40-30766	92.60	78.70
3/4"	3/4"	1 1/2"	4"	DD40-30770	135.60	115.25

CT-403*61



4-Flute Carbide End Mills

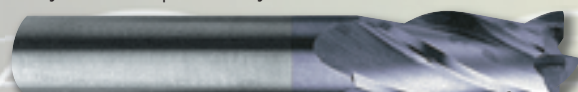
TiCN Coated!

Benefits:

- Runs twice as fast as TiN, four times faster than uncoated tools.
- Drive feeds and speeds at a record-breaking pace.
- High performance metal removal and increased tool life.
- Operates in most materials including abrasive and gummy materials

Results

- Dramatically increased productivity.



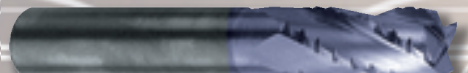
Cut Diameter	Shank Diameter	Flute Length	OAL	Order No.	Regular Price	SALE
1/8"	1/8"	1/2"	1 1/2"	DD40-34408	\$ 10.80	\$ 9.20
3/16"	3/16"	5/8"	2"	DD40-34412	14.80	12.65
1/4"	1/4"	3/4"	2 1/2"	DD40-34416	18.20	15.45
3/8"	3/8"	7/8"	2 1/2"	DD40-34424	31.00	26.35
1/2"	1/2"	1"	3"	DD40-34432	49.30	41.90
5/8"	5/8"	1 1/4"	3 1/2"	DD40-34440	92.60	78.70
3/4"	3/4"	1 1/2"	4"	DD40-34448	135.60	115.25

CT-491*61



Roughing End Mill 4-Flute

- Square End
- TiCN Coated



Cut Dia.	Shank Dia.	Flute Length	OAL	Order No.	Regular Price	SALE
1/8"	1/8"	1/2"	1 1/2"	DD40-33130	\$ 17.50	\$ 14.90
3/16"	3/16"	5/8"	2"	DD40-33132	26.05	22.15
1/4"	1/4"	3/4"	2 1/2"	DD40-33134	31.85	27.00
5/16"	5/16"	3/4"	2 1/2"	DD40-33136	39.10	33.25
3/8"	3/8"	7/8"	2 1/2"	DD40-33138	48.55	41.25
1/2"	1/2"	1"	3"	DD40-33140	74.20	63.15
5/8"	5/8"	1 1/4"	3 1/2"	DD40-33142	129.90	110.40
3/4"	3/4"	1 1/2"	4"	DD40-33144	190.05	161.50
1"	1"	1 1/2"	4"	DD40-33146	280.15	238.00

CT-400*61



When It Comes To Milling... Focus On Results



4-Flute Carbide End Mills

AITiN Coated!

SQUARE END							BALL END		
Cut Dia.	Shank Dia.	Flute Length	OAL	Order No.	Regular Price	SALE	Order No.	Regular Price	SALE
1/8"	1/8"	1/2"	1 1/2"	DD40-30521	\$ 10.80	\$ 9.15	DD40-30997	\$ 13.30	\$ 11.30
3/16"	3/16"	5/8"	2"	DD40-30520	14.90	12.60	DD40-30524	17.40	14.80
1/4"	1/4"	3/4"	2 1/2"	DD40-98955	18.20	15.40	DD40-30998	22.85	19.40
5/16"	5/16"	3/4"	2 1/2"	DD40-30898	25.95	22.00	DD40-30525	30.75	26.15
3/8"	3/8"	7/8"	2 1/2"	DD40-98244	31.25	26.50	DD40-98262	36.50	31.00
1/2"	1/2"	1"	3"	DD40-98245	49.95	42.40	DD40-97922	62.25	52.90
5/8"	5/8"	1 1/4"	3 1/2"	DD40-30555	93.75	79.50	DD40-30991	105.05	89.30
3/4"	3/4"	1 1/2"	4"	DD40-98956	137.20	116.50	DD40-95757	150.30	127.75

CT-402*61



For Maximum Performance in:

- Stainless Steels
- High Temperature Alloys
- Titanium
- Inconel
- Cast Iron
- Low Carbon Steels

• All **POW-R-FEED** end mills are coated with a unique, second generation multi-layer TiAlN coating for maximum heat resistance and longer tool life.

Our new **POW-R-FEED** end mill redefines milling under extreme conditions. The unique vibration dampening geometry of **POW-R-FEED** results in smooth, silent machining at high speeds while maintaining excellent surface finishes.

B



Straight Shank

Shank Dia.	Flute Dia.	Flute Length	OAL	Radius	Straight Shank Order No.	Reg. Price	SALE	Weldon Shank Order No.	Reg. Price	SALE
1/8"	1/8"	1/2"	1 1/2"	.015	DD40-63010	\$17.30	\$14.70	—	—	—
1/8"	1/8"	1/2"	1 1/2"	.015	DD40-63064	17.70	15.00	—	—	—
5/32"	3/16"	5/8"	2"	.015	DD40-63011	25.25	21.45	—	—	—
5/32"	3/16"	5/8"	2"	.015	DD40-63118	25.95	22.05	—	—	—
3/16"	3/16"	5/8"	2"	.015	DD40-63012	23.90	20.30	—	—	—
3/16"	3/16"	5/8"	2"	.015	DD40-63035	24.65	20.95	—	—	—
7/32"	1/4"	5/8"	2 1/2"	.020	DD40-63013	32.70	27.80	—	—	—
7/32"	1/4"	5/8"	2 1/2"	.020	DD40-63119	34.20	29.10	—	—	—
1/4"	1/4"	3/4"	2 1/2"	.020	DD40-63014	30.00	25.50	—	—	—
1/4"	1/4"	3/4"	2 1/2"	.020	DD40-63066	31.35	26.65	—	—	—
5/16"	5/16"	3/4"	2 1/2"	.020	DD40-63016	37.55	31.90	—	—	—
5/16"	5/16"	3/4"	2 1/2"	.020	DD40-63067	39.40	33.50	—	—	—
3/8"	3/8"	7/8"	2 1/2"	.020	DD40-63018	45.25	38.45	DD40-63043	\$47.00	\$39.95
3/8"	3/8"	7/8"	2 1/2"	.020	DD40-63068	47.35	40.25	DD40-63083	49.15	41.75
7/16"	7/16"	1"	2 3/4"	.020	DD40-63020	56.95	48.40	—	—	—
7/16"	7/16"	1"	2 3/4"	.020	DD40-63069	59.65	50.70	—	—	—
1/2"	1/2"	1"	3"	.030	DD40-63022	70.35	59.80	DD40-63045	72.30	61.45
1/2"	1/2"	1"	3"	.030	DD40-63070	73.70	62.65	DD40-63085	75.60	64.25
1/2"	1/2"	1 1/4"	3"	.030	DD40-63100	70.85	60.25	—	—	—
1/2"	1/2"	1 1/4"	3"	.030	DD40-63098	74.15	63.00	—	—	—

CT-492*61

MEGA-6 Solid Carbide End Mills

Hardened Tool Steels, Heat-treated Steels, Hastalloy-C, Waspalloy, Rene-41, Titanium, Inconel, Monel

6 Flute - With Corner Radius - TiAlN-X Coated



Cut Dia.	Shank Dia.	Flute Length	OAL	Corner Radius	Order No.	Regular Price	SALE
1/4"	1/4"	3/4"	2 1/2"	.020	DD40-30568	\$ 38.80	\$ 32.95
5/16"	5/16"	3/4"	2 1/2"	.025	DD40-30569	48.65	41.35
3/8"	3/8"	1"	2 1/2"	.030	DD40-30570	53.30	45.30
7/16"	7/16"	1"	2 3/4"	.030	DD40-30571	73.40	62.40
1/2"	1/2"	1 1/4"	3"	.030	DD40-30572	78.25	66.50
5/8"	5/8"	1 5/8"	3 1/2"	.030	DD40-30574	156.15	132.75
3/4"	3/4"	1 5/8"	4"	.045	DD40-30575	200.45	170.40
1"	1"	2"	4"	.060	DD40-30576	317.75	270.00

CT-401*61

Solid Carbide Miniature Single End Mills, 2 & 4 Flutes Center Cutting

IMCO's Solution for those small areas

- Primary relief on all diameters
- OD Tolerance +/- .0005



2-Flute



4-Flute

Shank Dia.	Flute Dia.	Flute Length	OAL	Order No.	2-Flute Reg. Price	SALE	Order No.	4-Flute Reg. Price	SALE
.010"	1/8"	.030"	1 1/2"	DD40-30101	\$22.75	\$19.30	—	—	—
.015"	1/8"	.045"	1 1/2"	DD40-90600	21.35	18.15	—	—	—
.020"	1/8"	.060"	1 1/2"	DD40-90601	20.70	17.60	—	—	—
.025"	1/8"	.075"	1 1/2"	DD40-90602	17.90	15.20	—	—	—
.030"	1/8"	.090"	1 1/2"	DD40-30102	14.80	12.55	DD40-30110	\$14.80	\$12.55
.040"	1/8"	.120"	1 1/2"	DD40-30104	14.35	12.20	DD40-30113	14.35	12.20
.050"	1/8"	.150"	1 1/2"	DD40-30107	14.35	12.20	DD40-30115	14.35	12.20
.060"	1/8"	.180"	1 1/2"	DD40-30109	13.85	11.75	DD40-30117	13.85	11.75

CT-089*61

STRAKERS Plunge, Slot, Pocket—One Tool Does it All in Aluminum

- Designed for maximum flute volume resulting in higher feed rates
- Proven effective under a wide range of operating speeds—3,000 RPM and more
- Manufactured from fine grain micrograin carbide with wear and impact resistance



2 Flute - Square End

Cut Dia.	Shank Dia.	Flute Length	OAL	Weldon Shank		Straight Shank	
				Order No.	SALE	Order No.	SALE
1/4"	1/4"	3/4"	2 1/2"	DD40-32430	\$26.80	DD40-32951	\$25.45
5/16"	5/16"	3/4"	2 1/2"	DD40-32431	31.70	DD40-32952	30.25
3/8"	3/8"	1"	2 1/2"	DD40-32432	34.70	DD40-32953	33.25
1/2"	1/2"	1"	3"	DD40-32434	51.85	—	—
1/2"	1/2"	1 1/4"	3"	—	—	DD40-90358	50.25
1/2"	1/2"	1 1/4"	3 1/4"	DD40-32606	51.85	—	—
5/8"	5/8"	1 5/8"	3 1/2"	DD40-32436	102.30	DD40-32954	100.35
3/4"	3/4"	1 5/8"	4"	DD40-32504	138.20	DD40-32955	135.70

CT-398*61