

GENERAL PURPOSE E24 END MILLS

For general milling applications

4 Helical Flutes

For profiling, slotting, & contouring

E24

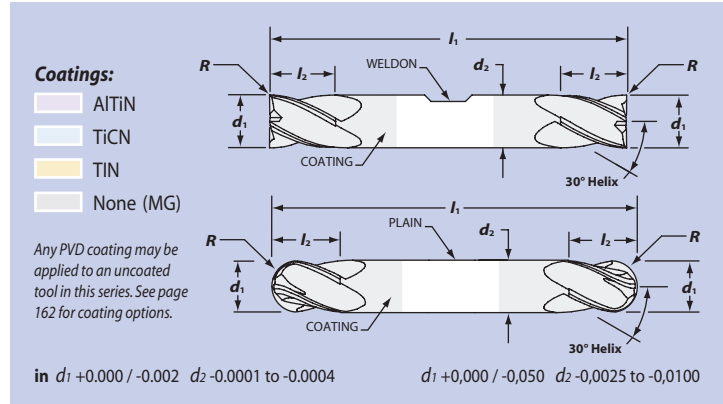


E24 • Square



E24B • Ball

- Center cutting
- Designed for minimal tool deflection
- Available in stub and standard length
- Double ended for extra value



	AITiN Spector	TiCN Accelerator	MG Uncoated	TiN auCARB
Carbon & tool steels ≤ 48 HRC	✓✓✓	✓✓	✓	✓
Carbon & tool steels > 48 HRC	✓✓✓	✓✓	✓	✓
Stainless steels	✓✓	✓		✓
Cast irons	✓✓✓	✓✓	✓	✓

✓ Suitable ✓✓ Good ✓✓✓ Recommended

Inch							Standard						Obsolete*	
d_1 Cutter Dia	d_2 Shank Dia	l_2 Length of Cut	l_1 Overall Length	R Corner Radius	Shank Style	Style Code	AITiN EDP Number	List Price	TiCN EDP Number	List Price	MG EDP Number	List Price	TiN EDP Number	List Price
1/32	1/8	1/16	1-1/2	Square	Plain	SR	30410	22.31	31962	22.78	31930	19.91		
		1/16	1-1/2	Ball	Plain	SR	32083	27.61			32125	24.02		
3/64	1/8	3/32	1-1/2	Square	Plain	SR	31900	22.31	31963	22.78	31931	19.91		
		3/32	1-1/2	Ball	Plain	SR	32182	27.61			32127	24.02		
1/16	1/8	1/8	1-1/2	Square	Plain	SR	31985	17.63	31964	18.10	31903	15.04		
		1/8	1-1/2	Ball	Plain	SR	32181	20.80			32103	18.62		
		3/16	2	Square	Plain	RL					33378	22.80		
		3/16	2	Ball	Plain	RL					33578	27.31		
5/64	1/8	1/8	1-1/2	Square	Plain	SR	31949	17.63	31965	18.10	31932	15.04		
		1/8	1-1/2	Ball	Plain	SR	32085	21.42			32129	18.96		
3/32	1/8	3/16	1-1/2	Square	Plain	SR	31927	17.63	31966	18.10	31905	15.04		
		3/16	1-1/2	Ball	Plain	SR	32086	20.80			32105	18.62		
		9/32	2	Square	Plain	RL					33379	22.80		
		9/32	2	Ball	Plain	RL					33579	27.31		
7/64	1/8	3/16	1-1/2	Square	Plain	SR	31957	17.63	31967	18.10	31933	15.04		
		3/16	1-1/2	Ball	Plain	SR	32087	21.42			32131	18.96		
1/8	1/8	1/4	1-1/2	Square	Plain	SR	99125	15.55	31968	15.76	31907	12.64	31908	15.76
		1/4	1-1/2	Ball	Plain	SR	32139	17.94	32168	18.10	32107	15.64		
		3/8	2	Square	Plain	RL					33380	17.09		
		3/8	2	Ball	Plain	RL					33580	20.49		
	3/8	3/8	3-1/16	Square	Weldon	RL	32898	39.26			32705	36.98		

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*Superseded by AITiN. Add TiN to any uncoated tool. See page 162.

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For general milling applications

Inch • Continued							Standard						Obsolete*	
d_1 Cutter Dia	d_2 Shank Dia	l_2 Length of Cut	l_1 Overall Length	R Corner Radius	Shank Style	Style Code	AITiN EDP Number	List Price	TiCN EDP Number	List Price	MG EDP Number	List Price	TiN EDP Number	List Price
9/64	3/16	5/16	2	Square	Plain	SR	31926	23.40	31969	23.87	31934	19.96		
		5/16	2	Ball	Plain	SR	32089	27.61			32133	25.42		
5/32	3/16	5/16	2	Square	Plain	SR	31995	23.40	31970	23.87	31909	19.96		
		5/16	2	Ball	Plain	SR	32090	27.61			32109	23.71		
		7/16	2-1/2	Square	Plain	RL					33381	24.67		
	3/8	7/16	3-1/8	Square	Weldon	RL					32707	39.16		
11/64	3/16	5/16	2	Square	Plain	SR	31958	23.40			31935	19.96		
3/16	3/16	3/8	2	Square	Plain	SR	99331	22.41	31972	22.52	31911	18.51	31912	22.52
		3/8	2	Ball	Plain	SR	32138	26.05	32172	26.16	32111	22.27		
		1/2	2-1/2	Square	Plain	RL					33382	20.64		
		1/2	2-1/2	Ball	Plain	RL					33582	24.22		
	3/8	1/2	3-1/4	Square	Weldon	RL	98965	43.99			32709	40.64		
7/32	1/4	1/2	2-1/2	Square	Plain	SR	31959	30.68	31974	30.99	31913	24.47		
		1/2	2-1/2	Ball	Plain	SR	32091	35.67			32113	29.24		
	3/8	9/16	3-3/8	Square	Weldon	RL					32711	40.91		
1/4	1/4	1/2	2-1/2	Square	Plain	SR	31990	29.74	31976	30.47	31915	23.51	31916	30.47
		1/2	2-1/2	Ball	Plain	SR	32137	34.32	32176	35.26	32115	28.13		
		5/8	3	Square	Plain	RL					33384	26.44		
		5/8	3	Ball	Plain	RL					33584	30.40		
	3/8	5/8	3-3/8	Square	Weldon	RL	33201	46.90			32713	40.91		
5/16	5/16	1/2	2-1/2	Square	Plain	SR	31991	39.36	31980	40.25	31917	30.33	31918	40.25
		1/2	2-1/2	Ball	Plain	SR	32140	44.93	32180	45.92	32117	36.49		
		3/4	3	Square	Plain	RL					33385	32.67		
	3/8	3/4	3-1/2	Square	Weldon	RL	33225	55.85			32717	47.00		
3/8	3/8	9/16	2-1/2	Square	Plain	SR	31929	40.77	31984	41.96	31919	31.27	31920	41.96
		9/16	2-1/2	Ball	Plain	SR	32200	46.64	32184	48.00	32119	37.62		
		3/4	3-1/2	Square	Plain	RL					33386	42.20		
		3/4	3-1/2	Square	Weldon	RL	33227	53.46			32721	47.00		
		3/4	3-1/2	Ball	Plain	RL					33586	50.36		
1/2	1/2	5/8	3	Square	Plain	SR	31998	66.30	31992	67.86	31923	53.53	31924	67.86
		5/8	3	Ball	Plain	SR	32201	76.28			32123	64.18		
		1	4	Square	Plain	RL					33388	67.38		
		1	4	Square	Weldon	RL	33229	81.02			32725	69.84		
		1	4	Ball	Plain	RL					33588	77.53		
5/8	5/8	1-1/2	6	Square	Weldon	RX					32729	167.53		
3/4	3/4	1-1/2	6	Square	Weldon	RX					32731	230.87		

Metric							Standard						Obsolete*	
d_1 Cutter Dia	d_2 Shank Dia	l_2 Length of Cut	l_1 Overall Length	R Corner Radius	Shank Style	Style Code	AITiN EDP Number	List Price	TiCN EDP Number	List Price	MG EDP Number	List Price	TiN EDP Number	List Price
2	3	3	38	Square	Plain	SR	62374	19.34			30580	17.18		
3	3	6	38	Square	Plain	SR	62376	18.16			30582	16.00		
4	4	8	50	Square	Plain	SR	62378	26.04			30584	22.80		
5	5	10	50	Square	Plain	SR	62380	28.39			30586	24.07		
6	6	12	63	Square	Plain	SR	62381	34.43			30587	29.51		
8	8	12	63	Square	Plain	SR	62382	47.07			30588	41.11		
10	10	14	72	Square	Plain	SR	62383	68.63			30589	57.87		
12	12	16	76	Square	Plain	SR	62384	78.28			30590	67.96		

Style Code Reference
 RL—Regular LOC, Long OAL
 RR—Regular LOC, Regular OAL
 SR—Short LOC, Regular OAL

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