

General Purpose Endmills PROMO

EFFECTIVE AUG 01 - DEC 31, 2024

Brought To You By



2 FLUTES SQUARE

- For milling, slotting on variety of steels, cast iron, non-ferrous metals, plastics, abrasive type material.
- 2 Flute general carbide endmill with maximum chip clearance.





2 FLUTES BALL

 Ball nose carbide endmills offer excellent performance and tool life in a variety of applications including contour milling.



Cutting Dia.	Cut Length	Overall Length	Shank Dia.	Length Desc.	Uncoated	PRICE	ALTIN Coated	PRICE
1/64	1/32	1 1/2	1/8	Regular	EA302001	\$12.97	ZA302001	\$15.04
1/32	5/64	1 1/2	1/8	Regular	EA302002	\$8.03	ZA302002	\$9.64
3/64	7/64	1 1/2	1/8	Regular	EA302003	\$8.03	ZA302003	\$9.64
1/16	3/16	1 1/2	1/8	Regular	EA302004	\$6.03	ZA302004	\$8.51
5/64	1/4	1 1/2	1/8	Regular	EA302005	\$6.03	ZA302005	\$8.51
3/32	5/16	1 1/2	1/8	Regular	EA302006	\$6.03	ZA302006	\$8.51
7/64	3/8	1 1/2	1/8	Regular	EA302007	\$6.84	ZA302007	\$8.51
1/8	1/2	2	1/8	Regular	EA302008	\$6.37	ZA302008	\$7.58
9/64	1/2	2	3/16	Regular	EA302009	\$8.75	ZA302009	\$11.43
5/32	9/16	2	3/16	Regular	EA302010	\$8.75	ZA302010	\$11.43
11/64	9/16	2	3/16	Regular	EA302011	\$8.75	ZA302011	\$11.43
3/16	5/8	2	3/16	Regular	EA302012	\$8.83	ZA302012	\$10.91
13/64	5/8	2 1/2	1/4	Regular	EA302013	\$12.47	ZA302013	\$16.44
7/32	5/8	2 1/2	1/4	Regular	EA302014	\$13.29	ZA302014	\$16.44
15/64	3/4	2 1/2	1/4	Regular	EA302015	\$13.29	ZA302015	\$16.44
1/4	3/4	2 1/2	1/4	Regular	EA302016	\$11.11	ZA302016	\$14.06
9/32	3/4	2 1/2	5/16	Regular	EA302018	\$17.14	ZA302018	\$24.08
5/16	13/16	2 1/2	5/16	Regular	EA302020	\$15.46	ZA302020	\$22.30
11/32	7/8	2 1/2	3/8	Regular	EA302022	\$20.20	ZA302022	\$27.37
3/8	1	3	3/8	Regular	EA302024	\$18.86	ZA302024	\$25.93
13/32	1	3	7/16	Regular	EA302026	\$29.11	ZA302026	\$38.35
7/16	1	3	7/16	Regular	EA302028	\$26.33	ZA302028	\$35.36
15/32	1	3	1/2	Regular	EA302030	\$34.95	ZA302030	\$44.55
1/2	1	3	1/2	Regular	EA302032	\$29.64	ZA302032	\$35.59
9/16	1 1/8	3 1/2	9/16	Regular	EA302036	\$49.29	ZA302036	\$64.28
5/8	1 1/4	3 1/2	5/8	Regular	EA302040	\$59.84	ZA302040	\$75.56
11/16	1 3/8	4	3/4	Regular	EA302044	\$95.69	ZA302044	\$116.05
3/4	1 1/2	4	3/4	Regular	EA302048	\$91.29	ZA302048	\$111.79
7/8	1 1/2	4	7/8	Regular	EA302056	\$131.79	ZA302056	\$154.53
1	1 1/2	4	1	Regular	EA302064	\$148.63	ZA302064	\$178.68

Cutting Dia.	Cut Length	Overall Length	Shank Dia.	Length Desc.	Uncoated	PRICE	ALTIN Coated	PRICE
1/64	1/32	1 1/2	1/8	Regular	BA302001	\$17.75	ZB302001	\$19.47
1/32	5/64	1 1/2	1/8	Regular	BA302002	\$10.30	ZB302002	\$12.23
3/64	7/64	1 1/2	1/8	Regular	BA302003	\$9.92	ZB302003	\$11.85
1/16	3/16	1 1/2	1/8	Regular	BA302004	\$8.41	ZB302004	\$10.38
5/64	1/4	1 1/2	1/8	Regular	BA302005	\$8.41	ZB302005	\$10.38
3/32	5/16	1 1/2	1/8	Regular	BA302006	\$8.41	ZB302006	\$10.38
7/64	3/8	1 1/2	1/8	Regular	BA302007	\$8.41	ZB302007	\$10.38
1/8	1/2	2	1/8	Regular	BA302008	\$8.09	ZB302008	\$10.07
9/64	1/2	2	3/16	Regular	BA302009	\$11.85	ZB302009	\$13.74
5/32	9/16	2	3/16	Regular	BA302010	\$11.85	ZB302010	\$13.74
11/64	9/16	2	3/16	Regular	BA302011	\$11.85	ZB302011	\$13.74
3/16	5/8	2	3/16	Regular	BA302012	\$10.98	ZB302012	\$12.91
13/64	5/8	2 1/2	1/4	Regular	BA302013	\$16.56	ZB302013	\$19.43
7/32	5/8	2 1/2	1/4	Regular	BA302014	\$16.56	ZB302014	\$19.43
15/64	3/4	2 1/2	1/4	Regular	BA302015	\$16.56	ZB302015	\$19.43
1/4	3/4	2 1/2	1/4	Regular	BA302016	\$15.55	ZB302016	\$18.47
9/32	3/4	2 1/2	5/16	Regular	BA302018	\$23.08	ZB302018	\$22.51
5/16	13/16	2 1/2	5/16	Regular	BA302020	\$21.19	ZB302020	\$26.72
11/32	7/8	2 1/2	3/8	Regular	BA302022	\$28.01	ZB302022	\$33.36
3/8	1	3	3/8	Regular	BA302024	\$28.50	ZB302024	\$33.85
13/32	1	3	7/16	Regular	BA302026	\$37.48	ZB302026	\$44.15
7/16	1	3	7/16	Regular	BA302028	\$35.57	ZB302028	\$42.28
15/32	1	3	1/2	Regular	BA302030	\$45.02	ZB302030	\$51.50
1/2	1	3	1/2	Regular	BA302032	\$42.20	ZB302032	\$51.62
9/16	1 1/8	3 1/2	9/16	Regular	BA302036	\$64.01	ZB302036	\$67.45
5/8	1 1/4	3 1/2	5/8	Regular	BA302040	\$76.05	ZB302040	\$93.74
11/16	1 3/8	4	3/4	Regular	BA302044	\$124.25	ZB302044	\$147.27
3/4	1 1/2	4	3/4	Regular	BA302048	\$115.01	ZB302048	\$137.48
7/8	1 1/2	4	7/8	Regular	BA302056	\$171.65	ZB302056	\$200.96
1	1 1/2	4	1	Regular	BA302064	\$183.44	ZB302064	\$216.90



^{**} Full range available upon request!



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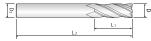
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4 FLUTES SQUARE

- The industry standard for a variety of applications including profiling, slotting and production milling in a variety of materials.
- ALTiN coated for increased speed and feed capabilities.



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Cutting Dia.	Cut Length	Overall Length	Shank Dia.	Length Desc.	Uncoated	PRICE	ALTIN Coated	PRICE
1/64	1/32	1 1/2	1/8	Regular	EA304001	\$12.97	ZA304001	\$15.04
1/32	5/64	1 1/2	1/8	Regular	EA304002	\$8.03	ZA304002	\$9.64
3/64	7/64	1 1/2	1/8	Regular	EA304003	\$8.03	ZA304003	\$9.64
1/16	3/16	1 1/2	1/8	Regular	EA304004	\$6.03	ZA304004	\$8.51
5/64	1/4	1 1/2	1/8	Regular	EA304005	\$6.03	ZA304005	\$8.51
3/32	5/16	1 1/2	1/8	Regular	EA304006	\$6.03	ZA304006	\$8.51
7/64	3/8	1 1/2	1/8	Regular	EA304007	\$6.84	ZA304007	\$8.51
1/8	1/2	2	1/8	Regular	EA304008	\$6.37	ZA304008	\$7.58
9/64	1/2	2	3/16	Regular	EA304009	\$8.75	ZA304009	\$11.43
5/32	9/16	2	3/16	Regular	EA304010	\$8.75	ZA304010	\$11.43
11/64	9/16	2	3/16	Regular	EA304011	\$8.75	ZA304011	\$11.43
3/16	5/8	2	3/16	Regular	EA304012	\$8.83	ZA304012	\$10.91
13/64	5/8	2 1/2	1/4	Regular	EA304013	\$12.47	ZA304013	\$16.44
7/32	5/8	2 1/2	1/4	Regular	EA304014	\$13.29	ZA304014	\$16.44
15/64	3/4	2 1/2	1/4	Regular	EA304015	\$13.29	ZA304015	\$16.44
1/4	3/4	2 1/2	1/4	Regular	EA304016	\$11.11	ZA304016	\$14.06
9/32	3/4	2 1/2	5/16	Regular	EA304018	\$17.14	ZA304018	\$24.08
5/16	13/16	2 1/2	5/16	Regular	EA304020	\$15.46	ZA304020	\$22.30
11/32	7/8	2 1/2	3/8	Regular	EA304022	\$20.20	ZA304022	\$27.37
3/8	1	3	3/8	Regular	EA304024	\$18.86	ZA304024	\$25.93
13/32	1	3	7/16	Regular	EA304026	\$29.11	ZA304026	\$38.35
7/16	1	3	7/16	Regular	EA304028	\$26.33	ZA304028	\$35.36
15/32	1	3	1/2	Regular	EA304030	\$34.95	ZA304030	\$44.55
1/2	1	3	1/2	Regular	EA304032	\$29.64	ZA304032	\$35.59
9/16	1 1/8	3 1/2	9/16	Regular	EA304036	\$49.29	ZA304036	\$64.28
5/8	1 1/4	3 1/2	5/8	Regular	EA304040	\$59.84	ZA304040	\$75.56
11/16	1 3/8	4	3/4	Regular	EA304044	\$95.69	ZA304044	\$116.05
3/4	1 1/2	4	3/4	Regular	EA304048	\$91.29	ZA304048	\$111.79
7/8	1 1/2	4	7/8	Regular	EA304056	\$131.79	ZA304056	\$154.53
1	1 1/2	4	1	Regular	EA304064	\$148.63	ZA304064	\$178.68

4 FLUTES BALL

 4 Flutes ALTiN coating general endmill are best for ductile materials including stainless, high carbon, high alloy, titanium and nickel alloys.



								
PRICE	ALTIN Coated	PRICE	Uncoated	Length Desc.	Shank Dia.	Overall Length	Cut Length	Cutting Dia.
\$19.4	ZB304001	\$17.75	BA304001	Regular	1/8	1 1/2	1/32	1/64
\$12.2	ZB304002	\$10.30	BA304002	Regular	1/8	1 1/2	5/64	1/32
\$11.8	ZB304003	\$9.92	BA304003	Regular	1/8	1 1/2	7/64	3/64
\$10.3	ZB304004	\$8.41	BA304004	Regular	1/8	1 1/2	3/16	1/16
\$10.3	ZB304005	\$8.41	BA304005	Regular	1/8	1 1/2	1/4	5/64
\$10.3	ZB304006	\$8.41	BA304006	Regular	1/8	1 1/2	5/16	3/32
\$10.3	ZB304007	\$8.41	BA304007	Regular	1/8	1 1/2	3/8	7/64
\$10.0	ZB304008	\$8.09	BA304008	Regular	1/8	2	1/2	1/8
\$13.7	ZB304009	\$11.85	BA304009	Regular	3/16	2	1/2	9/64
\$13.7	ZB304010	\$11.85	BA304010	Regular	3/16	2	9/16	5/32
\$13.7	ZB304011	\$11.85	BA304011	Regular	3/16	2	9/16	11/64
\$12.9	ZB304012	\$10.98	BA304012	Regular	3/16	2	5/8	3/16
\$19.4	ZB304013	\$16.56	BA304013	Regular	1/4	2 1/2	5/8	13/64
\$19.4	ZB304014	\$16.56	BA304014	Regular	1/4	2 1/2	5/8	7/32
\$19.4	ZB304015	\$16.56	BA304015	Regular	1/4	2 1/2	3/4	15/64
\$18.4	ZB304016	\$15.55	BA304016	Regular	1/4	2 1/2	3/4	1/4
\$22.5	ZB304018	\$23.08	BA304018	Regular	5/16	2 1/2	3/4	9/32
\$26.7	ZB304020	\$21.19	BA304020	Regular	5/16	2 1/2	13/16	5/16
\$33.3	ZB304022	\$28.01	BA304022	Regular	3/8	2 1/2	7/8	11/32
\$33.8	ZB304024	\$28.50	BA304024	Regular	3/8	3	1	3/8
\$44.1	ZB304026	\$37.48	BA304026	Regular	7/16	3	1	13/32
\$42.2	ZB304028	\$35.57	BA304028	Regular	7/16	3	1	7/16
\$51.50	ZB304030	\$45.02	BA304030	Regular	1/2	3	1	15/32
\$51.6	ZB304032	\$42.20	BA304032	Regular	1/2	3	1	1/2
\$67.4	ZB304036	\$64.01	BA304036	Regular	9/16	3 1/2	1 1/8	9/16
\$93.7	ZB304040	\$76.05	BA304040	Regular	5/8	3 1/2	1 1/4	5/8
\$147.2	ZB304044	\$124.25	BA304044	Regular	3/4	4	1 3/8	11/16
\$137.4	ZB304048	\$115.01	BA304048	Regular	3/4	4	1 1/2	3/4
\$200.9	ZB304056	\$171.65	BA304056	Regular	7/8	4	1 1/2	7/8
\$216.9	ZB304064	\$183.44	BA304064	Regular	1	4	1 1/2	1



^{**} Full range available upon request!