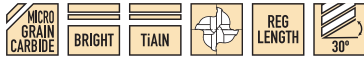


4-Flute Double End Regular Length

Four-flute configuration with centre cutting permits plunging and milling on many ferrous and non-ferrous materials. It also offers lower chip-load for size control and finish.



Bright: Speeds & Feeds > P. A32
TiAlN: Speeds & Feeds > P. A35

Cutting Dia.	Shank Dia.	Flute Length	Overall Length	Bright Code No.	Price \$	TiAlN Code No.	Price \$
Inch							
1/8	3/8	3/8	3-1/16	101340	41.98	102589	69.07
5/32	3/8	7/16	3-1/8	101341	52.48	-	-
3/16	3/8	1/2	3-1/4	101342	41.98	102593	55.26
7/32	3/8	9/16	3-3/8	101343	52.48	102595	69.07
1/4	3/8	5/8	3-3/8	101344	41.98	102597	55.26
9/32	3/8	11/16	3-3/8	101345	60.31	102599	81.36
5/16	3/8	3/4	3-1/2	101346	48.25	102671	65.09
11/32	3/8	3/4	3-1/2	101347	58.55	-	-
3/8	3/8	3/4	3-1/2	101348	60.31	102675	81.36
7/16	1/2	7/8	4	101349	80.53	-	-
1/2	1/2	1	4	101350	77.86	102679	94.13

4-Flute Corner Radius Regular Length

Four-flute carbide end mills with corner radius allows more strength and minimizes chipping on corners. Four-flute construction provides more strength than two or three-flute and will also result in excellent surface finishes.

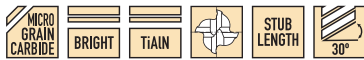


Bright: Speeds & Feeds > P. A32
TiAlN: Speeds & Feeds > P. A35

Cutting Dia.	Corner Radius (in.)	Shank Dia.	Flute Length	Overall Length	Bright Code No.	Price \$	TiAlN Code No.	Price \$
Inch								
1/8	0.015	1/8	1/2	1-1/2	101175	15.13	101833	18.63
3/16	0.020	3/16	5/8	2	101176	19.94	101834	23.44
3/16	0.030	3/16	5/8	2	101177	19.94	101835	23.44
1/4	0.020	1/4	3/4	2-1/2	101178	24.77	101836	31.97
1/4	0.030	1/4	3/4	2-1/2	101179	24.77	101837	31.97
1/4	0.045	1/4	3/4	2-1/2	101180	24.77	101838	31.97
5/16	0.020	5/16	13/16	2-1/2	101181	32.47	101839	43.33
5/16	0.030	5/16	13/16	2-1/2	101182	32.47	101862	43.33
5/16	0.045	5/16	13/16	2-1/2	101183	32.47	101863	43.33
3/8	0.020	3/8	1	2-1/2	101184	39.74	101864	50.60
3/8	0.030	3/8	1	2-1/2	101185	39.74	101865	50.60
3/8	0.045	3/8	1	2-1/2	101186	39.74	101866	50.60
1/2	0.020	1/2	1	3	101187	73.96	101867	86.31
1/2	0.030	1/2	1	3	101188	73.96	101868	86.31
1/2	0.045	1/2	1	3	101189	73.96	101869	86.31
1/2	0.060	1/2	1	3	101190	73.96	101892	86.31
5/8	0.020	5/8	1-1/4	3-1/2	101191	119.63	101893	137.41
5/8	0.030	5/8	1-1/4	3-1/2	101192	119.63	101894	137.41
5/8	0.045	5/8	1-1/4	3-1/2	101193	119.63	101895	137.41
5/8	0.060	5/8	1-1/4	3-1/2	101194	119.63	101896	137.41
5/8	0.090	5/8	1-1/4	3-1/2	101195	119.63	101897	137.41
3/4	0.020	3/4	1-1/2	4	101197	176.06	101898	197.06
3/4	0.030	3/4	1-1/2	4	101198	176.06	101899	197.06
3/4	0.045	3/4	1-1/2	4	101199	176.06	101900	197.06
3/4	0.060	3/4	1-1/2	4	101200	176.06	101991	197.06
3/4	0.090	3/4	1-1/2	4	101201	176.06	101992	197.06
3/4	0.125	3/4	1-1/2	4	101196	176.06	101993	197.06
1	0.020	1	1-1/2	4	101203	305.38	101994	336.43
1	0.030	1	1-1/2	4	101204	305.38	101995	336.43
1	0.045	1	1-1/2	4	101205	305.38	101996	336.43
1	0.060	1	1-1/2	4	101206	305.38	101997	336.43
1	0.090	1	1-1/2	4	101207	305.38	101998	336.43
1	0.125	1	1-1/2	4	101202	305.38	101999	336.43

4-Flute Double End Stub Length

These end mills have a shorter flute length which provides greater rigidity with less deflection for shallow milling or slotting. This series is ideal for use on high tensile alloys and heat treated steels.



Bright: Speeds & Feeds > P. A32
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Cutting Dia.	Shank Dia.	Flute Length	Overall Length	Bright Code No.	Price \$	TiAlN Code No.	Price \$
Inch							
1/16	1/8	1/8	1-1/2	102230	20.94	102330	25.15
3/32	1/8	3/16	1-1/2	102232	20.94	102332	25.15
1/8	1/8	1/4	1-1/2	102234	12.98	102334	17.18
5/32	3/16	5/16	2	102236	23.05	102336	27.26
3/16	3/16	3/8	2	102238	23.51	102338	23.02
7/32	1/4	1/2	2-1/2	102240	33.60	102340	35.57
1/4	1/4	1/2	2-1/2	102242	24.49	102342	33.15
5/16	5/16	1/2	2-1/2	102244	30.47	102344	43.45
3/8	3/8	1/2	2-1/2	102246	32.40	102346	45.40
7/16	7/16	9/16	2-3/4	102248	68.83	102348	87.28
1/2	1/2	5/8	3	102250	55.06	102350	69.82



GS Tooling End Mill Holders

Unmatched precision and quality, at a price point you'll love!



See Pages G4-10