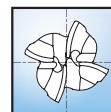


Long Length End mills combine added flute and overall length for greater reach when deep slotting or milling. These end mills have the capability to mill much thicker material in a single pass, thereby eliminating the interrupted cut that may be present with regular length end mills.

■ 4 FLUTE BALL NOSE LONG LENGTH-INCH					
Cutting Diameter (in.)	Shank Diameter (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
1/8	1/8	3/4	2-1/4	102-991	16.30
3/16	3/16	3/4	2-1/2	102-992	23.10
1/4	1/4	1-1/8	3	102-993	29.50
5/16	5/16	1-1/8	3	102-994	33.30
3/8	3/8	1-1/8	3	102-995	42.90
7/16	7/16	2	4	102-996	61.70
1/2	1/2	2	4	102-997	71.70
5/8	5/8	2-1/4	5	102-998	165.70
3/4	3/4	2-1/4	5	102-999	244.60
1	1	2-1/4	5	103-000	433.10

■ 4 FLUTE BALL NOSE LONG LENGTH-METRIC					
Cutting Diameter (mm)	Shank Diameter (mm)	Flute Length (mm)	Overall Length (mm)	Code No.	Price \$
3	3	19	57	101-620	29.40
4	4	19	57	101-621	32.70
5	5	25	64	101-622	33.80
6	6	28	76	101-623	43.30
8	8	29	76	101-624	53.10
10	10	32	76	101-625	67.50
12	12	51	102	101-626	123.10
14	14	57	127	101-627	188.00
16	16	57	127	101-628	229.30
18	18	57	127	101-629	263.70
20	20	57	127	101-630	298.50
25	25	57	127	101-631	598.30



Extra Long Length End mills combine added flute and overall lengths for greater reach when deep slotting or milling. These end mills have the capability to mill much thicker material in a single pass, thereby eliminating the interrupted cut that may be present with regular length end mills.

■ 4 FLUTE BALL NOSE X-LONG LENGTH-INCH					
Cutting Diameter (in.)	Shank Diameter (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
1/8	1/8	1	3	102-480	19.40
3/16	3/16	1-1/8	3	102-482	27.30
1/4	1/4	1-1/2	4	102-484	35.00
5/16	5/16	1-5/8	4	102-486	39.30
3/8	3/8	1-3/4	4	102-488	49.80
7/16	7/16	3	6	102-490	97.60
1/2	1/2	3	6	102-492	95.50
5/8	5/8	3	6	102-494	196.40
3/4	3/4	3	6	102-496	290.00
1	1	3	6	102-498	513.60