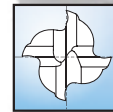


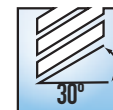
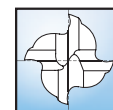
4 FLUTE LONG & X-LONG LENGTH CARBIDE ENDMILLS



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 LONG LENGTH-INCH					
Cutting Diameter	Shank Diameter	Cutting Length	Overall Length	Code No.	Price \$
(in.)	(in.)	(in.)	(in.)		
1/8	1/8	3/4	2-1/4	102-981	13.40
3/16	3/16	3/4	2-1/4	102-982	15.00
1/4	1/4	1-1/8	3	102-983	18.40
5/16	5/16	1-1/8	3	102-984	26.40
3/8	3/8	1-1/8	3	102-985	33.00
7/16	7/16	2	4	102-986	54.60
1/2	1/2	2	4	102-987	64.60
5/8	5/8	2-1/4	5	102-988	165.70
3/4	3/4	2-1/4	5	102-989	157.60
1	1	2-1/4	5	102-990	315.80

■ 4 FLUTE LONG LENGTH-METRIC					
Cutting Diameter	Shank Diameter	Flute Length	Overall Length	Code No.	Price \$
(mm)	(mm)	(mm)	(mm)		
3	3	19	57	101-600	25.60
4	4	19	57	101-601	28.50
5	5	25	64	101-602	29.30
6	6	28	76	101-603	37.60
8	8	29	76	101-604	46.20
10	10	32	76	101-605	58.70
12	12	51	102	101-606	107.10
14	14	57	127	101-607	163.50
16	16	57	127	101-608	192.50
18	18	57	127	101-609	229.30
20	20	57	127	101-610	259.60
25	25	57	127	101-611	520.30



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 EXTRA LONG LENGTH-INCH					
Cutting Diameter	Shank Diameter	Flute Length	Overall Length	Code No.	Price \$
(in.)	(in.)	(in.)	(in.)		
1/8	1/8	1	3	102-450	14.20
3/16	3/16	1-1/8	3	102-452	16.20
1/4	1/4	1-1/2	4	102-454	20.00
5/16	5/16	1-5/8	4	102-456	29.30
3/8	3/8	1-3/4	4	102-458	37.00
7/16	7/16	3	6	102-460	78.30
1/2	1/2	3	6	102-462	80.80
5/8	5/8	3	6	102-464	144.20
3/4	3/4	3	6	102-466	186.80
1	1	3	6	102-468	374.40

SPEEDS & FEEDS P. 29