

GENERAL PURPOSE

Solid Carbide End Mills For Ferrous And Non-Ferrous Materials



INTRO

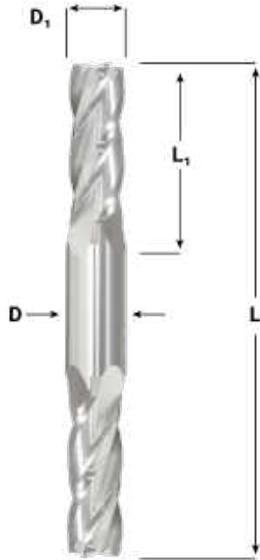
MILLING

SPECIALTY

HOLEMAKING

THREADING

INSERTS



FEATURES/DESCRIPTION				APPLICATION		FEATURES						
4-Flute Double-Ended Square End Mills <ul style="list-style-type: none"> Universal application Sub-micron grade carbide substrate for wear resistance Multiple coating options Weldon flat for regular length sizes Diameter Tol.: +0/-0.002" Shank Tol.: +0/-0.0005" 												
STEEL		STAINLESS		CAST IRON		NON-FERROUS		HSSA		HARDENED STEEL		
P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2
○	○	○			○	○	○	○			○	

● Best ○ Good

Series 203D 4FL | Multi Length | Square | Double End

Diameter(D ₁)	LOC(L ₁)	OAL(L)	Shank(D)	Weldon	Bright	TiN	TiCN	AlTiN
1/32	1/16	1-1/2	1/8	No	236-001001	236-001011	236-001003	236-001004
3/64	3/32	1-1/2	1/8	No	236-001010	236-001012	236-001013	236-001014
1/16	1/8	1-1/2	1/8	No	236-001020	236-001021	236-001028	236-031025
5/64	1/8	1-1/2	1/8	No	236-001025	236-001026	236-021025	236-001027
3/32	3/16	1-1/2	1/8	No	236-001030	236-001031	236-001037	236-001034
7/64	3/16	1-1/2	1/8	No	236-001035	236-001036	236-021036	236-031035
1/8	1/4	1-1/2	1/8	No	236-001040	236-001041	236-001045	236-001047
1/8	3/8	3	3/8	Yes	239-001001	239-001002	-	239-001003
9/64	5/16	2	3/16	No	236-001042	236-001044	236-021044	236-031042
5/32	5/16	2	3/16	No	236-001050	236-001051	236-001053	236-001054
5/32	7/16	3	3/8	Yes	239-001010	239-001011	-	239-001013
11/64	5/16	2	3/16	No	236-001055	236-001056	236-021055	236-001057
3/16	3/8	2	3/16	No	236-001060	236-001061	236-001062	236-001064
3/16	1/2	3	3/8	Yes	239-001020	239-001021	-	239-001023
13/64	1/2	2-1/2	1/4	No	236-001065	236-001066	236-021065	236-031065
7/32	1/2	2-1/2	1/4	No	236-001070	236-001071	236-001073	236-001074
7/32	9/16	3-1/2	3/8	Yes	239-001030	-	-	239-001033
15/64	1/2	2-1/2	1/4	No	236-001075	236-001076	236-021075	236-031075
1/4	1/2	2-1/2	1/4	No	236-001080	236-001081	236-001083	236-001085
1/4	5/8	3-1/2	3/8	Yes	239-001040	239-001041	-	239-001043
9/32	1/2	2-1/2	5/16	No	236-001082	236-001087	236-001088	236-001089
9/32	11/16	3-1/2	3/8	Yes	239-001050	-	-	239-001053
5/16	1/2	2-1/2	5/16	No	236-001090	236-001091	236-001093	236-001094
5/16	3/4	3-1/2	3/8	Yes	239-001060	239-001061	-	239-001063
11/32	9/16	2-1/2	3/8	No	236-001092	236-001095	236-001096	236-031092
11/32	3/4	3-1/2	3/8	Yes	239-001070	-	-	239-001073
3/8	9/16	2-1/2	3/8	No	236-001100	236-001101	236-001102	236-001103
3/8	3/4	3-1/2	3/8	Yes	239-001080	-	-	239-001083
7/16	9/16	2-3/4	7/16	No	236-001110	236-021111	236-001111	236-031110
7/16	7/8	4	1/2	Yes	239-001090	-	-	239-001093
1/2	5/8	3	1/2	No	236-001120	236-001121	236-001122	236-001124
1/2	1	4	1/2	Yes	239-001100	239-001101	239-001102	239-001103

*bold numbers are EDPs for ordering