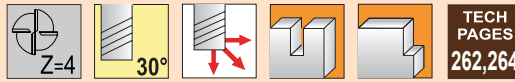


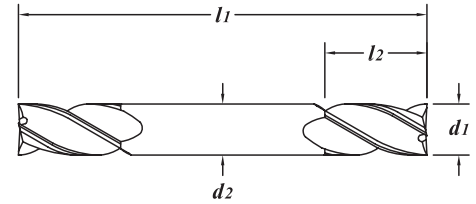
TOLERANCES

d_1	+0.000° -0.002° (+.000 -0.050mm)
d_2	h6



Standard Length - Double End
TiALN Coating

- Solid submicron grain carbide end mill - center cutting
- Dry or semi-dry machining
- Extremely versatile
- Uncoated - page 216
- Stub Length - page 191



(430MA/450MA) EDP#	d_1 † Diameter		d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	1-11	12-24	25-49	50-100	
	Decimal	Metric								
30017	.0312	1/32"	0.792	1/8"	2"	3/32"	25.58	24.46	23.35	22.24
30517	.0394		1.000	3.0	50	4	26.74	25.58	24.41	23.25
30027	.0469	3/64"	1.191	1/8"	2"	1/8"	25.58	24.46	23.35	22.24
30527	.0591		1.500	3.0	50	5	26.74	25.58	24.41	23.25
30037	.0625	1/16"	1.588	1/8"	2"	3/16"	25.58	24.46	23.35	22.24
30537	.0787		2.000	3.0	50	6	26.74	25.58	24.41	23.25
30047	.0938	3/32"	2.383	1/8"	2"	1/4"	25.58	24.46	23.35	22.24
30547	.0984		2.500	3.0	50	7	26.74	25.58	24.41	23.25
30557	.1181		3.000	3.0	50	8	20.33	19.45	18.56	17.68
30057	.1250	1/8"	3.175	1/8"	2"	3/8"	19.50	18.66	17.81	16.96
30567	.1378		3.500	4.0	65	9.5	29.53	28.25	26.96	25.68
30067	.1562	5/32"	3.967	3/16"	2-1/2"	7/16"	28.34	27.10	25.87	24.64
30577	.1575		4.000	4.0	65	10	25.65	24.53	23.42	22.30
30587	.1772		4.500	5.0	65	12	34.10	32.62	31.13	29.65
30077	.1875	3/16"	4.763	3/16"	2-1/2"	1/2"	24.67	23.60	22.52	21.45
30597	.1969		5.000	5.0	65	12	30.69	29.36	28.02	26.69
30087	.2188	7/32"	5.558	1/4"	2-1/2"	9/16"	32.78	31.35	29.93	28.50
30607	.2362		6.000	6.0	65	16	31.73	30.35	28.97	27.59
30097	.2500	1/4"	6.350	1/4"	2-1/2"	5/8"	30.56	29.23	27.90	26.57
30107	.3125	5/16"	7.938	5/16"	3-1/2"	3/4"	44.41	42.48	40.55	38.62
30627	.3150		8.000	8.0	88	19	45.99	43.99	41.99	39.99
30637	.3543		9.000	9.0	88	19	55.17	52.77	50.37	47.97
30117	.3750	3/8"	9.525	3/8"	3-1/2"	3/4"	53.15	50.84	48.53	46.22
30647	.3937		10.000	10.0	88	19	70.86	67.78	64.70	61.62
30657	.4331		11.000	11.0	100	22	74.59	71.35	68.10	64.86
30127	.4375	7/16"	11.113	7/16"	4"	7/8"	71.70	68.59	65.47	62.35
30667	.4724		12.000	12.0	100	25	81.75	78.20	74.64	71.09
30137	.5000	1/2"	12.700	1/2"	4"	1"	78.49	75.08	71.66	68.25

70

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MATERIAL HARDNESS (Rc)

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