

TOLERANCES

$d1$	+.000" -.002" (+.000 -.050mm)	
$d2$	3mm - 6mm	+0.000" -.0003" (+.0000 -.0075mm)
	1/4" - 1"	-.0001" -.0004" (-.0025 -.0100mm)

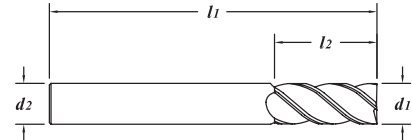
Square End - *Balinit*® X.CEED Coated

Solid submicron grain carbide end mill - center cutting
High performance tool for use in high Rockwell materials

Recommended for hardened die mold, inconel and tool steels above 45 Rc

Corner Radius - page 143

Ball End - page 144



EDP#	$d1$ † Diameter		$d2$ Shank Diameter	$l1$ Overall Length	$l2$ Flute Length	Number of Flutes	1-11	12-24	25-49	50-100
	Decimal	Metric								
21200	.1181	3.000	3.0	38	12	4	14.32	13.70	13.07	12.45
21230	.1250	1/8"	3.175	1/8"	1-1/2"	4	13.60	13.01	12.42	11.83
21260	.1575	4.000	6.0	50	12	4	23.13	22.12	21.12	20.11
21290	.1875	3/16"	4.763	3/16"	2"	4	17.10	16.36	15.61	14.87
21320	.1969	5.000	6.0	65	15	4	25.33	24.23	23.13	22.03
21350	.2362	6.000	6.0	65	19	4	24.56	23.50	22.43	21.36
21380	.2500	1/4"	6.350	1/4"	2-1/2"	4	23.68	22.65	21.62	20.59
21410	.2756	7.000	8.0	65	22	5	37.10	35.49	33.87	32.26
21440	.3125	5/16"	7.938	5/16"	2-1/2"	5	32.14	30.75	29.35	27.95
21470	.3150	8.000	8.0	65	22	5	33.79	32.32	30.85	29.38
21500	.3543	9.000	10.0	65	22	5	49.63	47.48	45.32	43.16
21530	.3750	3/8"	9.525	3/8"	2-1/2"	5	37.26	35.64	34.02	32.40
21560	.3937	10.000	10.0	70	22	5	44.97	43.01	41.06	39.10
21620	.4724	12.000	12.0	75	32	5	65.93	63.06	60.20	57.33
21660	.5000	1/2"	12.700	1/2"	3"	5	62.69	59.96	57.24	54.51
21710	.6250	5/8"	15.875	5/8"	3-1/2"	5	99.53	95.21	90.88	86.55
21740	.6299	16.000	16.0	88	32	5	104.68	100.13	95.58	91.03
21770	.7087	18.000	18.0	100	38	5	148.98	142.51	136.03	129.55
21800	.7500	3/4"	19.050	3/4"	4"	5	142.57	136.37	130.17	123.97
21830	.7874	20.000	20.0	100	38	5	201.55	192.79	184.02	175.26
21890	.9843	25.000	25.0	100	38	5	251.99	241.03	230.08	219.12
21920	1.000	1"	25.400	1"	4"	5	243.64	233.05	222.45	211.86