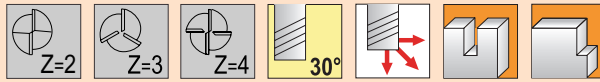


Series 620MC, 623MC, 630MC

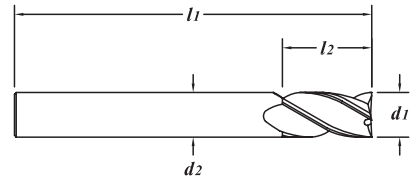


TECH
PAGES
282-283

TOLERANCES	
$d1$	+0.000" -0.002" (+0.000 -0.050mm)
$d2$	h6

Extra Length TiCN Coating

- Solid submicron grain carbide end mill - center cutting
- Extended reach
- Improved abrasion resistance and lubricity
- Can be modified with a neck within 48 hours
- Extremely versatile
- Uncoated - page 236
- TiALN Coating - page 239
- Standard length - page 219



MATERIAL HARDNESS (Rc)

70

35

0

(620MC) 2 Flute EDP#	(623MC) 3 Flute EDP#	(630MC) 4 Flute EDP#	$d1$ † Diameter		$d2$ Shank Diameter	$l1$ Overall Length	$l2$ Flute Length	1-11	12-24	25-49	50-100	
			Decimal	Metric								
41014	54514	42014	.1250	1/8"	3.175	1/8"	2"	5/8"	15.66	14.98	14.30	13.62
41024	54524	42024	.1250	1/8"	3.175	1/8"	3"	3/4"	23.40	22.39	21.37	20.35
41034	54534	42034	.1250	1/8"	3.175	1/8"	3"	1"	23.40	22.39	21.37	20.35
41044	54544	42044	.1875	3/16"	4.763	3/16"	3"	1"	25.98	24.85	23.72	22.59
41054	54554	42054	.1875	3/16"	4.763	3/16"	3"	1-1/8"	25.98	24.85	23.72	22.59
41064	54564	42064	.1875	3/16"	4.763	3/16"	4"	1"	28.87	27.61	26.36	25.10
41074	54574	42074	.2500	1/4"	6.350	1/4"	3"	1"	31.06	29.71	28.36	27.01
41084	54584	42084	.2500	1/4"	6.350	1/4"	4"	1"	32.90	31.47	30.04	28.61
41094	54594	42094	.2500	1/4"	6.350	1/4"	4"	1-1/2"	32.90	31.47	30.04	28.61
41104	54604	42104	.2500	1/4"	6.350	1/4"	6"	1-1/2"	46.47	44.45	42.43	40.41
41114	54614	42114	.3125	5/16"	7.938	5/16"	3"	1"	38.81	37.13	35.44	33.75
41124	54624	42124	.3125	5/16"	7.938	5/16"	4"	1"	44.11	42.20	40.28	38.36
41134	54634	42134	.3125	5/16"	7.938	5/16"	4"	1-5/8"	44.11	42.20	40.28	38.36
41144	54644	42144	.3125	5/16"	7.938	5/16"	6"	1-1/2"	64.37	61.57	58.77	55.97
41154	54654	42154	.3750	3/8"	9.525	3/8"	3"	1"	42.85	40.99	39.12	37.26
41164	54664	42164	.3750	3/8"	9.525	3/8"	4"	1"	48.01	45.93	43.84	41.75
41174	54674	42174	.3750	3/8"	9.525	3/8"	4"	2"	48.01	45.93	43.84	41.75
41184	54684	42184	.3750	3/8"	9.525	3/8"	6"	1-1/2"	69.07	66.07	63.06	60.06
41194	54694	42194	.3750	3/8"	9.523	3/8"	6"	3"	69.07	66.07	63.06	60.06
41204	54704	42204	.4375	7/16"	11.113	7/16"	4"	1"	64.68	61.86	59.05	56.24
41214	54714	42214	.4375	7/16"	11.113	7/16"	4"	2"	64.68	61.86	59.05	56.24
41224	54724	42224	.4375	7/16"	11.113	7/16"	6"	1-1/2"	86.83	83.05	79.28	75.50
-	54734	42234	.4375	7/16"	11.113	7/16"	6"	3"	86.83	83.05	79.28	75.50
41244	54744	42244	.5000	1/2"	12.700	1/2"	4"	1"	68.17	65.21	62.24	59.28
41254	54754	42254	.5000	1/2"	12.700	1/2"	4"	2"	68.17	65.21	62.24	59.28
41264	54764	42264	.5000	1/2"	12.700	1/2"	6"	1-1/2"	98.30	94.03	89.75	85.48
41274	54774	42274	.5000	1/2"	12.700	1/2"	6"	3"	98.30	94.03	89.75	85.48
41284	54784	42284	.5625	9/16"	14.288	9/16"	6"	2"	127.97	122.41	116.84	111.28
41294	-	42294	.5625	9/16"	14.288	9/16"	6"	3"	127.97	122.41	116.84	111.28
41304	54804	42304	.6250	5/8"	15.875	5/8"	6"	2"	137.49	131.52	125.54	119.56
41314	54814	42314	.6250	5/8"	15.875	5/8"	6"	3"	137.49	131.52	125.54	119.56
41324	54824	42324	.7500	3/4"	19.050	3/4"	6"	2"	211.43	202.24	193.04	183.85
41334	54834	42334	.7500	3/4"	19.050	3/4"	6"	3"	211.43	202.24	193.04	183.85
41344	54844	42344	1.000	1"	25.400	1"	6"	2"	353.97	338.58	323.19	307.80
41354	54854	42354	1.000	1"	25.400	1"	6"	3"	353.97	338.58	323.19	307.80
-	-	42364	1.000	1"	25.400	1"	6"	4"	371.14	355.00	338.87	322.73
-	-	42394	1.250	1-1/4"	31.750	1-1/4"	6"	3"	730.89	699.12	667.34	635.56