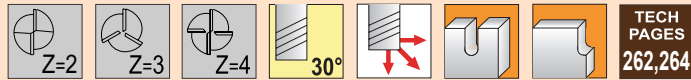


TOLERANCES

d_1	+0.000" - .002" (+.000 - .050mm)
d_2	h6
ball radius	+0.000" - .001" (+.000 - .025mm)

Series 720MC, 723MC, 730MC

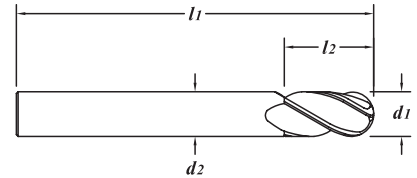


END MILLS

Extra Length - Ball End

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 231
- TiALN Coating - page 234
- Standard length - page 205



(720MC) 2 Flute EDP#	(723MC) 3 Flute EDP#	(730MC) 4 Flute 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								
43014	55514	44014	.1250	1/8"	3.175	1/8"	2"	5/8"	16.49	15.77	15.06	14.34
43024	55524	44024	.1250	1/8"	3.175	1/8"	3"	3/4"	24.77	23.69	22.62	21.54
43034	55534	44034	.1250	1/8"	3.175	1/8"	3"	1"	24.77	23.69	22.62	21.54
43044	55544	44044	.1875	3/16"	4.763	3/16"	3"	1"	27.43	26.24	25.04	23.85
43054	55554	44054	.1875	3/16"	4.763	3/16"	3"	1-1/8"	27.43	26.24	25.04	23.85
43064	55564	44064	.1875	3/16"	4.763	3/16"	4"	1"	29.79	28.49	27.20	25.90
43074	55574	44074	.2500	1/4"	6.350	1/4"	3"	1"	32.65	31.23	29.81	28.39
43084	55584	44084	.2500	1/4"	6.350	1/4"	4"	1"	34.48	32.98	31.48	29.98
43094	55594	44094	.2500	1/4"	6.350	1/4"	4"	1-1/2"	34.48	32.98	31.48	29.98
43104	55604	44104	.2500	1/4"	6.350	1/4"	6"	1-1/2"	46.85	44.81	42.78	40.74
43114	55614	44114	.3125	5/16"	7.938	5/16"	3"	1"	40.80	39.03	37.25	35.48
43124	55624	44124	.3125	5/16"	7.938	5/16"	4"	1"	46.26	44.25	42.24	40.23
43134	-	44134	.3125	5/16"	7.938	5/16"	4"	1-5/8"	46.26	44.25	42.24	40.23
43144	55644	44144	.3125	5/16"	7.938	5/16"	6"	1-1/2"	67.63	64.69	61.75	58.81
43154	55654	44154	.3750	3/8"	9.525	3/8"	3"	1"	45.14	43.18	41.21	39.25
43164	55664	44164	.3750	3/8"	9.525	3/8"	4"	1"	50.40	48.21	46.02	43.83
43174	55674	44174	.3750	3/8"	9.525	3/8"	4"	2"	50.40	48.21	46.02	43.83
43184	55684	44184	.3750	3/8"	9.525	3/8"	6"	1-1/2"	69.67	66.64	63.61	60.58
-	55694	44194	.3750	3/8"	9.525	3/8"	6"	3"	69.67	66.64	63.61	60.58
-	55704	44204	.4375	7/16"	11.113	7/16"	4"	1"	68.13	65.16	62.20	59.24
-	55714	44214	.4375	7/16"	11.113	7/16"	4"	2"	68.13	65.16	62.20	59.24
43224	55724	44224	.4375	7/16"	11.113	7/16"	6"	1-1/2"	89.56	85.67	81.77	77.88
-	-	44234	.4375	7/16"	11.113	7/16"	6"	3"	89.56	85.67	81.77	77.88
43244	55744	44244	.5000	1/2"	12.700	1/2"	4"	1"	69.39	66.37	63.36	60.34
43254	55754	44254	.5000	1/2"	12.700	1/2"	4"	2"	69.39	66.37	63.36	60.34
43264	55764	44264	.5000	1/2"	12.700	1/2"	6"	1-1/2"	98.28	94.01	89.73	85.46
43274	55774	44274	.5000	1/2"	12.700	1/2"	6"	3"	98.28	94.01	89.73	85.46
-	55784	44284	.5625	9/16"	14.288	9/16"	6"	2"	135.13	129.25	123.38	117.50
-	-	44294	.5625	9/16"	14.288	9/16"	6"	3"	135.13	129.25	123.38	117.50
43304	55804	44304	.6250	5/8"	15.875	5/8"	6"	2"	141.54	135.39	129.23	123.08
-	-	44314	.6250	5/8"	15.875	5/8"	6"	3"	141.54	135.39	129.23	123.08
43324	55824	44324	.7500	3/4"	19.050	3/4"	6"	2"	224.58	214.82	205.05	195.29
43334	55834	44334	.7500	3/4"	19.050	3/4"	6"	3"	224.58	214.82	205.05	195.29
-	55844	44344	1.000	1"	25.400	1"	6"	2"	376.88	360.49	344.11	327.72
43354	55854	44354	1.000	1"	25.400	1"	6"	3"	376.88	360.49	344.11	327.72

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MATERIAL HARDNESS (Rc)

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