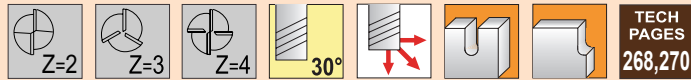


TOLERANCES

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

Series 720MC, 723MC, 730MC

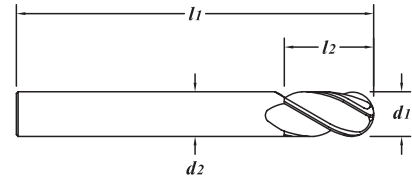


END MILLS

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 241
- TiALN Coating - page 244
- Standard length - page 218



(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"	17.32	16.57	15.81	15.06
43024	55524	44024	.1250	1/8"	3.175	1/8"	3"	3/4"	26.01	24.88	23.75	22.62
43034	55534	44034	.1250	1/8"	3.175	1/8"	3"	1"	26.01	24.88	23.75	22.62
43044	55544	44044	.1875	3/16"	4.763	3/16"	3"	1"	28.80	27.54	26.29	25.04
43054	55554	44054	.1875	3/16"	4.763	3/16"	3"	1-1/8"	28.80	27.54	26.29	25.04
43064	55564	44064	.1875	3/16"	4.763	3/16"	4"	1"	31.28	29.92	28.56	27.20
43074	55574	44074	.2500	1/4"	6.350	1/4"	3"	1"	34.28	32.79	31.30	29.81
43084	55584	44084	.2500	1/4"	6.350	1/4"	4"	1"	36.20	34.63	33.05	31.48
43094	55594	44094	.2500	1/4"	6.350	1/4"	4"	1-1/2"	36.20	34.63	33.05	31.48
43104	55604	44104	.2500	1/4"	6.350	1/4"	6"	1-1/2"	49.20	47.06	44.92	42.78
43114	55614	44114	.3125	5/16"	7.938	5/16"	3"	1"	42.84	40.98	39.11	37.25
43124	55624	44124	.3125	5/16"	7.938	5/16"	4"	1"	48.58	46.46	44.35	42.24
43134	-	44134	.3125	5/16"	7.938	5/16"	4"	1-5/8"	48.58	46.46	44.35	42.24
43144	55644	44144	.3125	5/16"	7.938	5/16"	6"	1-1/2"	71.01	67.93	64.84	61.75
43154	55654	44154	.3750	3/8"	9.525	3/8"	3"	1"	47.39	45.33	43.27	41.21
43164	55664	44164	.3750	3/8"	9.525	3/8"	4"	1"	52.92	50.62	48.32	46.02
43174	55674	44174	.3750	3/8"	9.525	3/8"	4"	2"	52.92	50.62	48.32	46.02
43184	55684	44184	.3750	3/8"	9.525	3/8"	6"	1-1/2"	73.15	69.97	66.79	63.61
-	55694	44194	.3750	3/8"	9.525	3/8"	6"	3"	73.15	69.97	66.79	63.61
-	-	44204	.4375	7/16"	11.113	7/16"	4"	1"	71.53	68.42	65.31	62.20
-	-	44214	.4375	7/16"	11.113	7/16"	4"	2"	71.53	68.42	65.31	62.20
43224	55724	44224	.4375	7/16"	11.113	7/16"	6"	1-1/2"	94.04	89.95	85.86	81.77
-	-	44234	.4375	7/16"	11.113	7/16"	6"	3"	94.04	89.95	85.86	81.77
43244	55744	44244	.5000	1/2"	12.700	1/2"	4"	1"	72.86	69.70	66.53	63.36
43254	55754	44254	.5000	1/2"	12.700	1/2"	4"	2"	72.86	69.70	66.53	63.36
43264	55764	44264	.5000	1/2"	12.700	1/2"	6"	1-1/2"	103.19	98.70	94.22	89.73
43274	55774	44274	.5000	1/2"	12.700	1/2"	6"	3"	103.19	98.70	94.22	89.73
-	-	44284	.5625	9/16"	14.288	9/16"	6"	2"	141.89	135.72	129.55	123.38
-	-	44294	.5625	9/16"	14.288	9/16"	6"	3"	141.89	135.72	129.55	123.38
43304	55804	44304	.6250	5/8"	15.875	5/8"	6"	2"	148.61	142.15	135.69	129.23
-	-	44314	.6250	5/8"	15.875	5/8"	6"	3"	148.61	142.15	135.69	129.23
43324	55824	44324	.7500	3/4"	19.050	3/4"	6"	2"	235.81	225.56	215.30	205.05
43334	55834	44334	.7500	3/4"	19.050	3/4"	6"	3"	235.81	225.56	215.30	205.05
-	55844	44344	1.000	1"	25.400	1"	6"	2"	395.73	378.52	361.32	344.11
43354	55854	44354	1.000	1"	25.400	1"	6"	3"	395.73	378.52	361.32	344.11

70

35

MATERIAL HARDNESS (Rc)

0