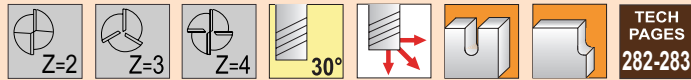


TOLERANCES

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

Series 720MC, 723MC, 730MC

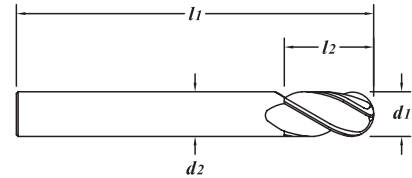


GENERAL PURPOSE
END MILLS

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 247
- TiALN Coating - page 250
- Standard length - page 231



(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"	18.01	17.23	16.44	15.66
43024	55524	44024	.1250	1/8"	3.175	1/8"	3"	3/4"	27.05	25.87	24.70	23.52
43034	55534	44034	.1250	1/8"	3.175	1/8"	3"	1"	27.05	25.87	24.70	23.52
43044	55544	44044	.1875	3/16"	4.763	3/16"	3"	1"	29.95	28.64	27.34	26.04
43054	55554	44054	.1875	3/16"	4.763	3/16"	3"	1-1/8"	29.95	28.64	27.34	26.04
43064	55564	44064	.1875	3/16"	4.763	3/16"	4"	1"	32.53	31.12	29.70	28.29
43074	55574	44074	.2500	1/4"	6.350	1/4"	3"	1"	35.65	34.10	32.55	31.00
43084	55584	44084	.2500	1/4"	6.350	1/4"	4"	1"	37.65	36.01	34.38	32.74
43094	55594	44094	.2500	1/4"	6.350	1/4"	4"	1-1/2"	37.65	36.01	34.38	32.74
43104	55604	44104	.2500	1/4"	6.350	1/4"	6"	1-1/2"	51.16	48.94	46.71	44.49
43114	55614	44114	.3125	5/16"	7.938	5/16"	3"	1"	44.55	42.61	40.68	38.74
43124	55624	44124	.3125	5/16"	7.938	5/16"	4"	1"	50.52	48.32	46.13	43.93
43134	-	44134	.3125	5/16"	7.938	5/16"	4"	1-5/8"	50.52	48.32	46.13	43.93
43144	55644	44144	.3125	5/16"	7.938	5/16"	6"	1-1/2"	73.85	70.64	67.43	64.22
43154	55654	44154	.3750	3/8"	9.525	3/8"	3"	1"	49.29	47.15	45.00	42.86
43164	55664	44164	.3750	3/8"	9.525	3/8"	4"	1"	55.04	52.65	50.25	47.86
43174	55674	44174	.3750	3/8"	9.525	3/8"	4"	2"	55.04	52.65	50.25	47.86
43184	55684	44184	.3750	3/8"	9.525	3/8"	6"	1-1/2"	76.07	72.77	69.46	66.15
-	55694	44194	.3750	3/8"	9.525	3/8"	6"	3"	76.07	72.77	69.46	66.15
-	-	44204	.4375	7/16"	11.113	7/16"	4"	1"	74.39	71.16	67.92	64.69
-	-	44214	.4375	7/16"	11.113	7/16"	4"	2"	74.39	71.16	67.92	64.69
43224	55724	44224	.4375	7/16"	11.113	7/16"	6"	1-1/2"	97.80	93.54	89.29	85.04
-	-	44234	.4375	7/16"	11.113	7/16"	6"	3"	97.80	93.54	89.29	85.04
43244	55744	44244	.5000	1/2"	12.700	1/2"	4"	1"	75.77	72.48	69.18	65.89
43254	55754	44254	.5000	1/2"	12.700	1/2"	4"	2"	75.77	72.48	69.18	65.89
43264	55764	44264	.5000	1/2"	12.700	1/2"	6"	1-1/2"	107.32	102.65	97.99	93.32
43274	55774	44274	.5000	1/2"	12.700	1/2"	6"	3"	107.32	102.65	97.99	93.32
-	-	44284	.5625	9/16"	14.288	9/16"	6"	2"	147.57	141.15	134.74	128.32
-	-	44294	.5625	9/16"	14.288	9/16"	6"	3"	147.57	141.15	134.74	128.32
43304	55804	44304	.6250	5/8"	15.875	5/8"	6"	2"	154.56	147.84	141.12	134.40
-	-	44314	.6250	5/8"	15.875	5/8"	6"	3"	154.56	147.84	141.12	134.40
43324	55824	44324	.7500	3/4"	19.050	3/4"	6"	2"	245.24	234.58	223.91	213.25
43334	55834	44334	.7500	3/4"	19.050	3/4"	6"	3"	245.24	234.58	223.91	213.25
-	55844	44344	1.000	1"	25.400	1"	6"	2"	411.55	393.66	375.76	357.87
43354	55854	44354	1.000	1"	25.400	1"	6"	3"	411.55	393.66	375.76	357.87

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MATERIAL HARDNESS (Rc)

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