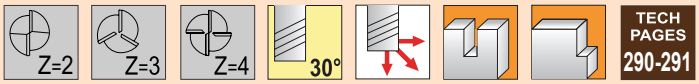
Series 620M, 623M, 630M, 640M, 643M, 650M

.1181" - .3150"
(3.000mm - 8.000mm)



TECH PAGES 290-291

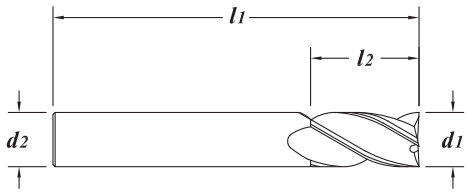
TOLERANCES

d_1	+.000" –.002" (+.000 –.050mm)
d_2	h6

Extra Length

Solid submicron grain carbide end mill - center cutting
Extended reach
Can be modified with a neck within 48 hours
Extremely versatile
TiCN Coating - page 250
TiALN Coating - page 251
Stub Length - page 219
Standard length - page 228





MATERIAL HARDNESS (Rc)
70
35
0

(620M/640M) 2 Flute EDP#	(623M/643M) 3 Flute EDP#	(630M/650M) 4 Flute EDP#	d_1 † Diameter Decimal	d_1 † Diameter	d_1 † Diameter Metric	d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length
92010	93010	94010	.1181		3.000	3.0	50	16
92020	93020	94020	.1181		3.000	3.0	75	20
92030	93030	94030	.1181		3.000	3.0	75	25
41010	54510	42010	.1250	1/8"	3.175	1/8"	2"	5/8"
41020	54520	42020	.1250	1/8"	3.175	1/8"	3"	3/4"
41030	54530	42030	.1250	1/8"	3.175	1/8"	3"	1"
92040	93040	94040	.1575		4.000	4.0	50	16
92050	93050	94050	.1575		4.000	4.0	75	20
92060	93060	94060	.1575		4.000	4.0	75	25
41040	54540	42040	.1875	3/16"	4.763	3/16"	3"	1"
41050	54550	42050	.1875	3/16"	4.763	3/16"	3"	1-1/8"
41060	54560	42060	.1875	3/16"	4.763	3/16"	4"	1"
92080	93080	94080	.1969		5.000	5.0	75	20
92090	93090	94090	.1969		5.000	5.0	75	25
92100	93100	94100	.2362		6.000	6.0	75	25
92110	93110	94110	.2362		6.000	6.0	100	25
92120	93120	94120	.2362		6.000	6.0	100	32
92130	93130	94130	.2362		6.000	6.0	150	38
41070	54570	42070	.2500	1/4"	6.350	1/4"	3"	1"
41080	54580	42080	.2500	1/4"	6.350	1/4"	4"	1"
41090	54590	42090	.2500	1/4"	6.350	1/4"	4"	1-1/2"
41100	54600	42100	.2500	1/4"	6.350	1/4"	6"	1-1/2"
41110	54610	42110	.3125	5/16"	7.938	5/16"	3"	1"
41120	54620	42120	.3125	5/16"	7.938	5/16"	4"	1"
41130	54630	42130	.3125	5/16"	7.938	5/16"	4"	1-5/8"
41140	54640	42140	.3125	5/16"	7.938	5/16"	6"	1-1/2"
92140	93140	94140	.3150		8.000	8.0	75	25
92150	93150	94150	.3150		8.000	8.0	100	25
92160	93160	94160	.3150		8.000	8.0	100	41
92170	93170	94170	.3150		8.000	8.0	150	50

† *Metric equivalents are for reference only*

(620M/640M) 2 Flute EDP#	(623M/643M) 3 Flute EDP#	(630M/650M) 4 Flute EDP#	d_1 † Diameter Decimal	d_1 † Diameter	d_1 † Diameter Metric	d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length
41150	54650	42150	.3750	3/8"	9.525	3/8"	3"	1"
41160	54660	42160	.3750	3/8"	9.525	3/8"	4"	1"
41170	54670	42170	.3750	3/8"	9.525	3/8"	4"	2"
41180	54680	42180	.3750	3/8"	9.525	3/8"	6"	1-1/2"
41190	54690	42190	.3750	3/8"	9.525	3/8"	6"	3"
92180	93180	94180	.3937		10.000	10.0	75	25
92190	93190	94190	.3937		10.000	10.0	100	25
92200	93200	94200	.3937		10.000	10.0	100	50
92210	93210	94210	.3937		10.000	10.0	150	38
92220	93220	94220	.3937		10.000	10.0	150	75
41200	54700	42200	.4375	7/16"	11.113	7/16"	4"	1"
41210	54710	42210	.4375	7/16"	11.113	7/16"	4"	2"
41220	54720	42220	.4375	7/16"	11.113	7/16"	6"	1-1/2"
41230	54730	42230	.4375	7/16"	11.113	7/16"	6"	3"
92230	93230	94230	.4724		12.000	12.0	100	25
92240	93240	94240	.4724		12.000	12.0	100	50
92250	93250	94250	.4724		12.000	12.0	150	50
92260	93260	94260	.4724		12.000	12.0	150	75
41240	54740	42240	.5000	1/2"	12.700	1/2"	4"	1"
41250	54750	42250	.5000	1/2"	12.700	1/2"	4"	2"
41260	54760	42260	.5000	1/2"	12.700	1/2"	6"	1-1/2"
41270	54770	42270	.5000	1/2"	12.700	1/2"	6"	3"
92270	93270	94270	.5512		14.000	14.0	100	25
92280	93280	94280	.5512		14.000	14.0	100	50
92290	93290	94290	.5512		14.000	14.0	150	50
92300	93300	94300	.5512		14.000	14.0	150	75
41280	54780	42280	.5625	9/16"	14.288	9/16"	6"	2"
41290	54790	42290	.5625	9/16"	14.288	9/16"	6"	3"
41300	54800	42300	.6250	5/8"	15.875	5/8"	6"	2"
41310	54810	42310	.6250	5/8"	15.875	5/8"	6"	3"
92310	93310	94310	.6299		16.000	16.0	150	50
92320	93320	94320	.6299		16.000	16.0	150	75
92330	93330	94330	.7087		18.000	18.0	150	50
92340	93340	94340	.7087		18.000	18.0	150	75
41320	54820	42320	.7500	3/4"	19.050	3/4"	6"	2"
41330	54830	42330	.7500	3/4"	19.050	3/4"	6"	3"
92350	93350	94350	.7874		20.000	20.0	150	50
92360	93360	94360	.7874		20.000	20.0	150	75
92370	93370	94370	.9843		25.000	25.0	150	50
-	93380	94380	.9843		25.000	25.0	150	75
41340	54840	42340	1.000	1"	25.400	1"	6"	2"
41350	54850	42350	1.000	1"	25.400	1"	6"	3"
-	-	42360	1.000	1"	25.400	1"	6"	4"
-	-	42390	1.250	1-1/4"	31.750	1-1/4"	6"	3"

