

**NEW
SERIES**

Series X7C, G7C

SERIES HIGHLIGHT

HIGH PERFORMANCE
END MILLS



X7C

G7C

S M P K

High Performance End Mills

X7C BALIQ® ALCRONOS Coating (AlCrN)

G7C BALIQ® TISINOS PRO Coating (AlTiSiN)

X7C Target Materials:

Stainless Steel (Inox, Austenitic/Martensitic)

Carbon Tools Steels (Up to 50 HRC)

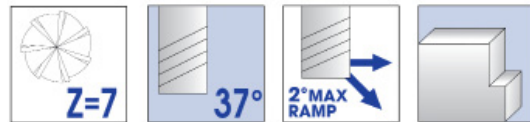
Cast Iron

G7C Target Materials:

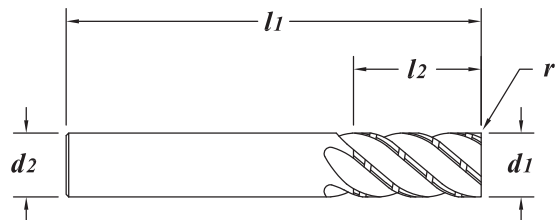
Heat Resistant Super Alloys

PH Stainless Steels (Inox, 13-8, 15-5, 17-4, Martensitic)

Conditioned Tool Steels (50-70 HRC)



CALCULATE IDEAL PARAMETERS
FOR THE X7C AND G7C IN YOUR
APPLICATION WITH THE GARR
TECHNICAL ADVISOR



← View the X7C

View the G7C →



TOLERANCES

<i>d1</i>	+0.000" -0.002" (+0.000mm -0.050mm)
<i>d2</i>	h6
<i>r</i>	+0.001" -0.001" (+0.025 -0.025mm)

THE NEXT GENERATION

Series X7C, G7C



TECH PAGES
304-305

.3750" - .4724"
(9.525mm - 12.000mm)

X7C Recommended for Low, Medium, and High Carbon Tool Steels (up to 50 HRC), cast iron, and stainless steel (Inox).

G7C Recommended for tough machining materials such as Heat Resistant Super Alloys, PH Stainless steels (Inox), and conditioned tool steels. (50-70 HRC)

7 Flute High Performance End Mills

X7C BALIQ® ALCRONOS Coating (AlCrN-based)

G7C BALIQ® TISINOS PRO Coating (AlTiSiN)

Solid submicron grain carbide - non-center cutting

Chip splitters

h6 shank tolerance

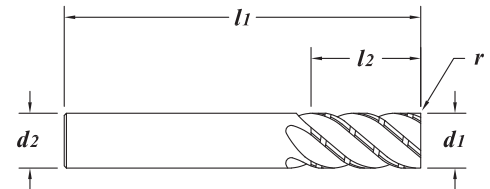
Engineered for High Efficiency Milling

Variable flute grind

Honed edge treatment

Polished fluting

Material and condition specific coatings



X7C EDP#	G7C EDP#	<i>d1</i> † Diameter		<i>d2</i> Shank Diameter	<i>l1</i> Overall Length	<i>l2</i> Flute Length	<i>r</i> Corner Radius	<i>l3</i> Reach Length	<i>d3</i> Neck Diameter	LIST PRICE
		Decimal	Metric							
64300	64700	.3750"	3/8"	9.525	3/8"	2-1/2"	1"	-	-	62.09
64302	64701	.3750"	3/8"	9.525	3/8"	2-1/2"	1"	.020"	-	67.37
64304	64702	.3750"	3/8"	9.525	3/8"	2-1/2"	1"	.030"	-	67.37
64900	64703	.3750"	3/8"	9.525	3/8"	3"	1-1/2"	-	-	73.29
64901	64704	.3750"	3/8"	9.525	3/8"	3"	1-1/2"	.020"	-	80.30
64902	64705	.3750"	3/8"	9.525	3/8"	3"	1-1/2"	.030"	-	80.30
64903	64706	.3750"	3/8"	9.525	3/8"	3"	1-1/2"	.060"	-	80.30
64904	64707	.3750"	3/8"	9.525	3/8"	4"	7/8"	.015"	1-7/8"	102.63
64905	64708	.3937"		10.000	10	70	25	-	-	72.13
64906	64709	.3937"		10.000	10	70	25	0.50	-	78.88
64907	64710	.3937"		10.000	10	70	25	1.00	-	78.88
64908	64711	.4724"		12.000	12	75	26	-	-	85.96
64909	64712	.4724"		12.000	12	75	26	0.50	-	102.96
64910	64713	.4724"		12.000	12	75	26	1.00	-	102.96
64911	64714	.4724"		12.000	12	75	32	-	-	85.96
64912	64715	.4724"		12.000	12	75	32	0.50	-	102.96
64913	64716	.4724"		12.000	12	75	32	1.00	-	102.96
64914	64717	.4724"		12.000	12	100	42	1.00	-	123.55
64915	64718	.4724"		12.000	12	100	50	-	-	112.77
64310	64719	.4724"		12.000	12	100	50	0.50	-	123.55
64916	64720	.4724"		12.000	12	100	50	1.00	-	123.55

HIGH PERFORMANCE
END MILLS
70
G7
X7
35
MATERIAL HARDNESS (Rc)
0

continued →