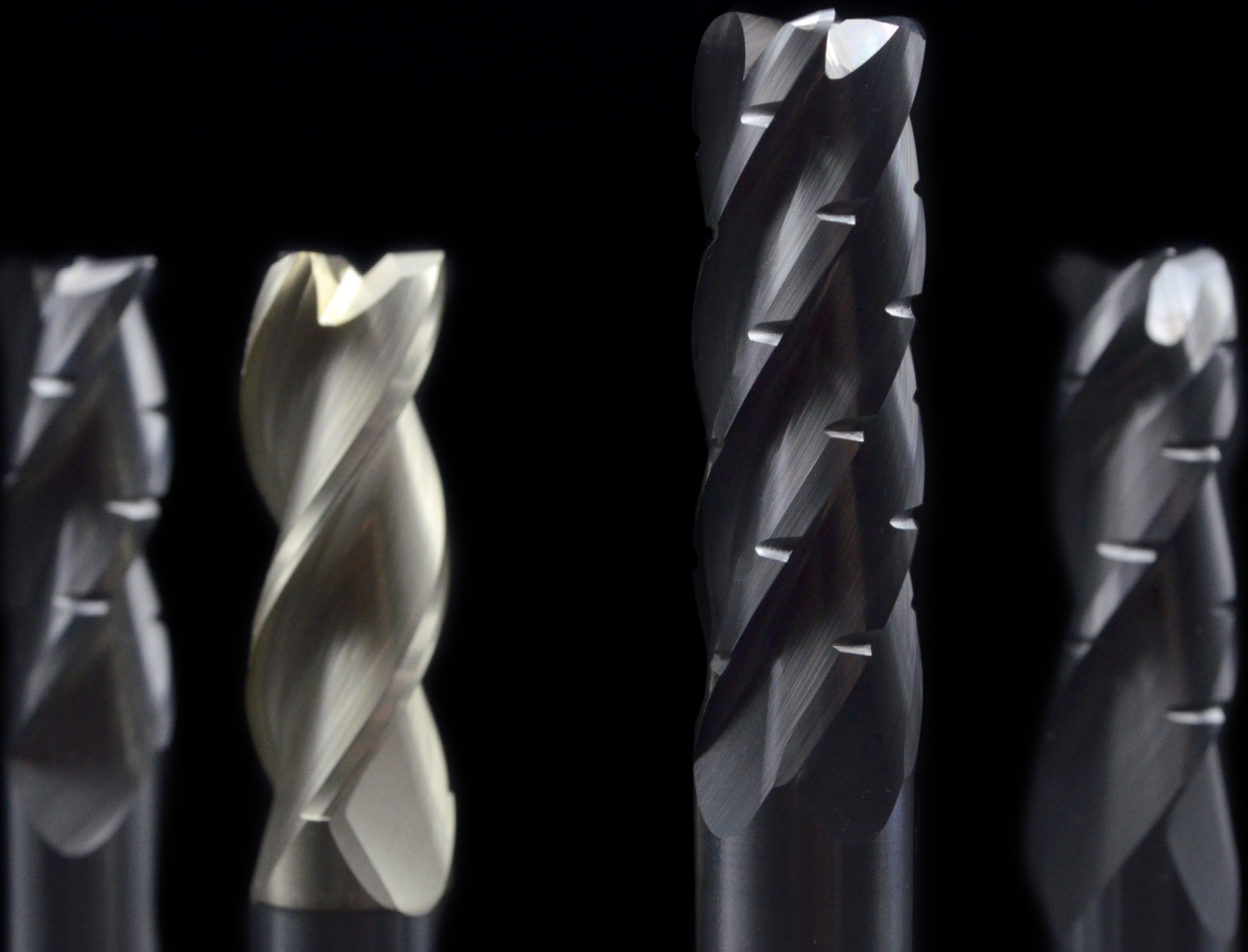




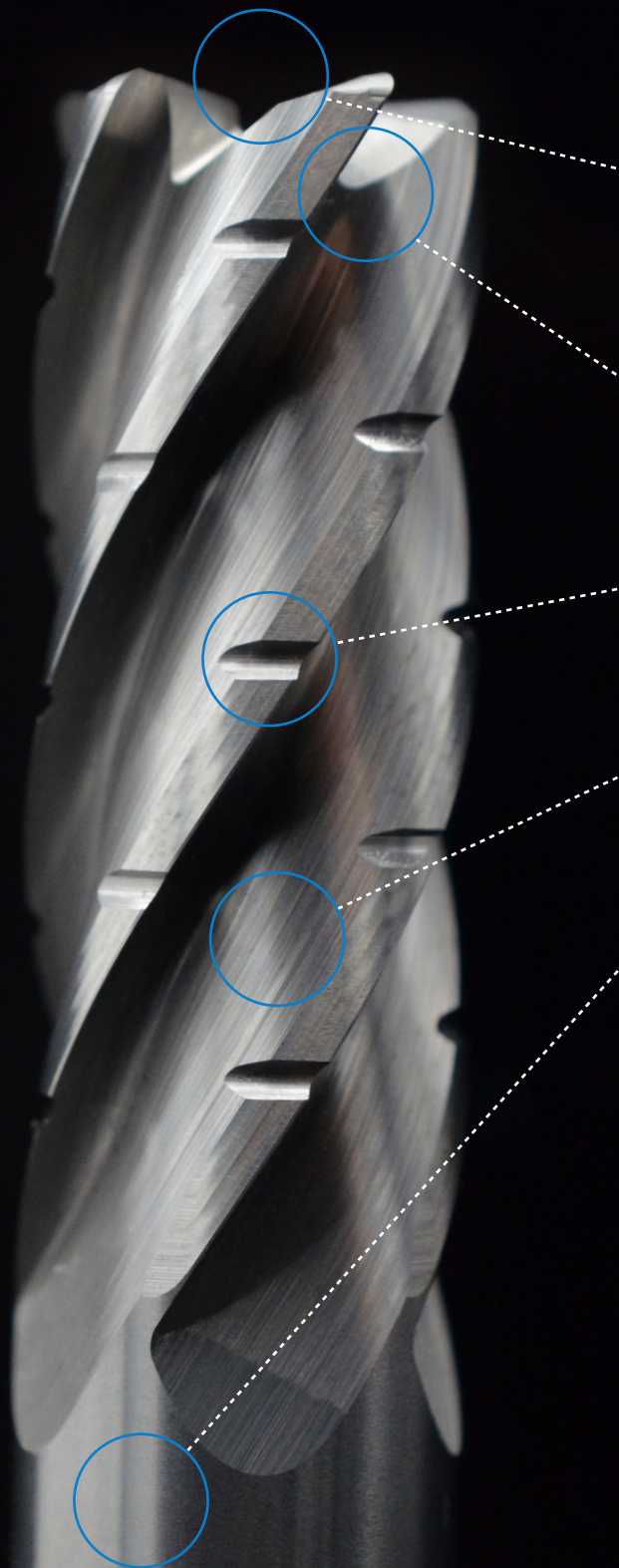
ALUMIGATOR

FEATURING THE NEW ASR5 - SUPER ROUGHER



ULTIMATE PERFORMANCE END MILLS FOR ALUMINUM

INTRODUCING THE ASR5



Coolant-through for heat reduction and fast chip flushing

Proprietary gashing enables up to 10° ramping for pocketing operations

Chip breakers for reduced cutting torque

Polished flutes for smooth chip evacuation

Safe-Lock® shank available upon request

- HIGH EFFICIENCY ROUGHING
- TROCHOIDAL MILLING
- HIGH EFFICIENCY FINISHING
- RAMPING

ALUMIGATOR™ - AST

Slotting and Roughing Mill

Circular land design reduces cutting friction maximizing shearing forces and chip control

Modified tapered core design ensures maximum chip volume capacity for full depth slotting operations

Chip thinning grooves create smaller chips that reduce cutting torque and permits more aggressive metal removal rates



ALUMIGATOR™ - ART

Ramping and Pocketing Mill

Proprietary end gashing enables aggressive ramping up to 45 degrees at 100+ IPM

Tapered core construction ensures maximum rigidity during ramping and high-speed dynamic machining operations

Chip thinning grooves create smaller chips that reduce cutting torque and permits more aggressive metal removal rates

ALUMIGATOR™ - AFT

Finishing Mill

Circular land design reduces cutting friction maximizing shearing forces and chip control

Tapered core construction ensures maximum rigidity during ramping and high-speed dynamic machining operations

High-polished flutes and cutting margin for optimal surface finish



MEET THE ALUMIGATOR™ LINEUP



NEW - Alumigator™ - ASR5 | 1500, 1502 Series Super Rougher

Coolant-through available
Metal removal rates up to 100 cubic inches per minute
Unequal indexing reduces chatter for optimized high efficiency milling

Alumigator™ - ART | 1010 Series Pocketing & Ramping

Designed for ultra-high speed pocketing of Aluminum
Aggressive ramping into pockets up to 45 degrees
Aerospace radii available from stock

Alumigator™ - AST | 1015 Series Roughing & Slotting

Designed for ultra-high speed roughing in Aluminum
High speed roughing and slotting at speeds in excess of 200 IPM
Aerospace radii available from stock

Alumigator™ - AFT | 1020 Series Finishing

Designed for ultra-high speed finishing of Aluminum
Polished flutes and full eccentric circular land produce mirror-like finishes on walls and floors
Ideal for thin walled parts and bottom finishing



ALSO AVAILABLE PERFORMANCE-AL SERIES

The Performance-AL end mill series is GWS' largest consolidated offering of 2, 3 and 5-flute end mills designed for conventional and high speed milling of Aluminum Alloys. Over 1000 options available that include various lengths of cut, aerospace radii, ball mills, necks and our NF1 coating. If it's Aluminum you need to machine, your solution is here.

- + Designed for conventional or high speed machining of Aluminum
- + Several variations including 2, 3 and 5-flute designs and types available in this family of products
- + Custom options include additional lengths, corner radii and DLC coating

WHAT OUR CUSTOMERS HAVE TO SAY



"Best Aluminum Rougher I have ever used. The best part about this end mill, is that I can ACTUALLY run at the speeds that they recommend, while taking enormous cuts that would be impossible with the other tools I have used in the past."

Cameron Smith | Carbon Copy Designs

"The Alumigator™ is the best roughing tool for aluminum that I have seen in my 40 years of machining!"

Randy Miller | DK International

"The ramping is insane, I've never seen anything so aggressive...the chips eject with no problem even when ramping at extremely steep angles."

Jason Breiner | Breiner Machine

"This Alumigator™ - ASR5 cuts amazing, I mean it is really impressive!"

Tony | Autosports Engineering



◀ Scan the QR Code to read Tony's case study on using the new Alumigator™ ASR5's

WHY USE THE ALUMIGATOR™

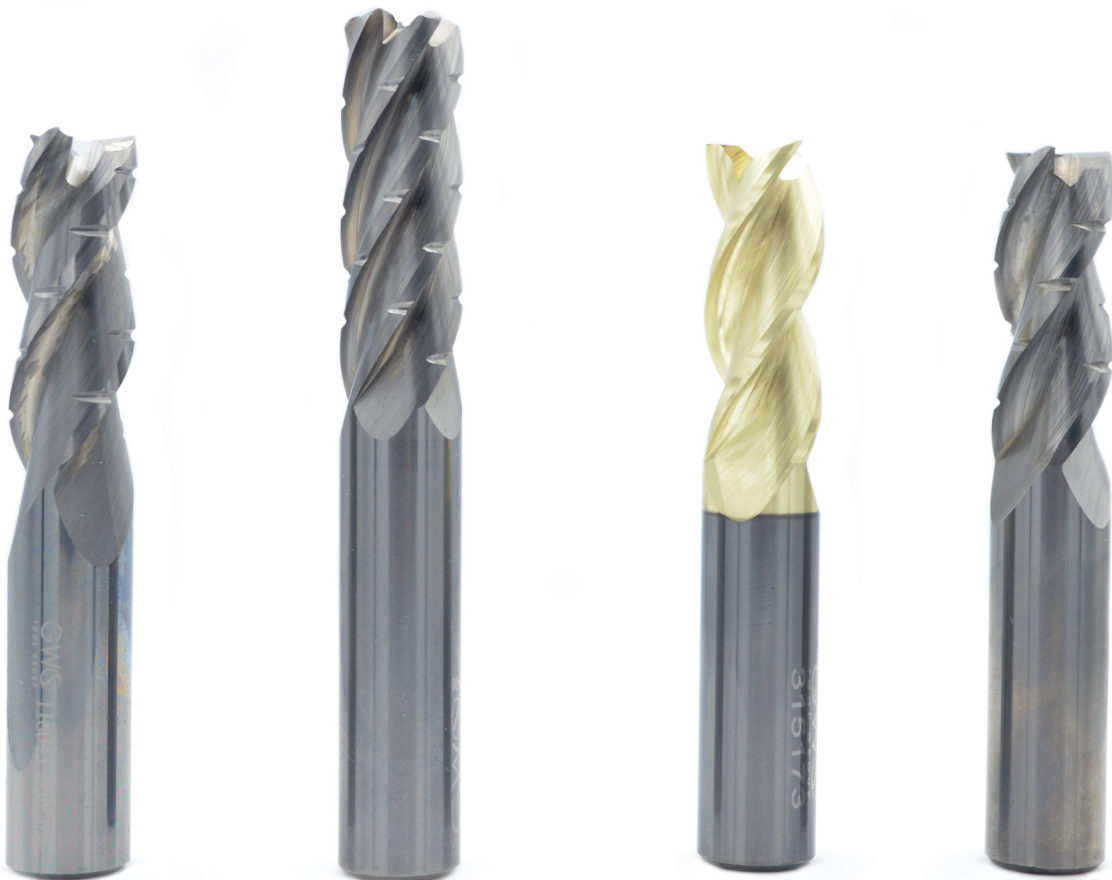
The Alumigator™ is a series of next generation, high performance end mills for Aluminum Alloys.

With 3, 4 and now 5 flute tools, they are stronger than traditional end mills. Whether ramping, roughing, slotting or finishing, the Alumigator™ outlasts, outruns and outcuts the competition in every way.

The strong core, highly engineered cutting edges and advanced geometries come together to create a family of tools capable of meeting any machining need or challenge in non-ferrous alloys like 6061 or 7075 Aluminum.

YOU CAN'T OUTFRAN THE ALUMIGATOR™

- 3 to 4 times faster than traditional aluminum cutting end mills
- Roughing | Finishing | Pocketing | Slotting | Ramping | High Speed Dynamic Milling



ULTIMATE PERFORMANCE

Premium High Performance Carbide Mills for Non-Ferrous Alloys



Custom Comes Standard:

Alumigator Super Rougher - for high speed dynamic milling.

Coolant-through for increased MRR.

SAFE-LOCK®
Shank available upon request

Series 1500		ASR5 5 Flute Coolant-Through Super Rougher			
Diameter	Shank Dia	LOC	OAL	Radius	EDP
3/8	3/8	1-1/8	3	-	150001
3/8	3/8	1-1/8	3	0.015	150002
3/8	3/8	1-1/8	3	0.030	150003
3/8	3/8	1-1/8	3	0.060	150004
1/2	1/2	1-1/2	3-1/2	-	150005
1/2	1/2	1-1/2	3-1/2	0.015	150006
1/2	1/2	1-1/2	3-1/2	0.030	150007
1/2	1/2	1-1/2	3-1/2	0.060	150008
5/8	5/8	1-7/8	4	-	150009
5/8	5/8	1-7/8	4	0.030	150010
5/8	5/8	1-7/8	4	0.060	150011
5/8	5/8	1-7/8	4	0.090	150012
3/4	3/4	2-1/4	5	-	150013
3/4	3/4	2-1/4	5	0.030	150014
3/4	3/4	2-1/4	5	0.060	150015
3/4	3/4	2-1/4	5	0.090	150016
1	1	3	5-1/2	-	150017
1	1	3	5-1/2	0.030	150018
1	1	3	5-1/2	0.060	150019
1	1	3	5-1/2	0.090	150020



ULTIMATE PERFORMANCE

Premium High Performance Carbide Mills for Non-Ferrous Alloys



Series 1502

ASR5 | 5 Flute | Solid | Super Rougher

Diameter	Shank Dia	LOC	OAL	Radius	EDP
3/8	3/8	1-1/8	3	-	150201
3/8	3/8	1-1/8	3	0.015	150202
3/8	3/8	1-1/8	3	0.030	150203
3/8	3/8	1-1/8	3	0.060	150204
1/2	1/2	1-1/2	3-1/2	-	150205
1/2	1/2	1-1/2	3-1/2	0.015	150206
1/2	1/2	1-1/2	3-1/2	0.030	150207
1/2	1/2	1-1/2	3-1/2	0.060	150208
5/8	5/8	1-7/8	4	-	150209
5/8	5/8	1-7/8	4	0.030	150210
5/8	5/8	1-7/8	4	0.060	150211
5/8	5/8	1-7/8	4	0.090	150212
3/4	3/4	2-1/4	5	-	150213
3/4	3/4	2-1/4	5	0.030	150214
3/4	3/4	2-1/4	5	0.060	150215
3/4	3/4	2-1/4	5	0.090	150216
1	1	3	5-1/2	-	150217
1	1	3	5-1/2	0.030	150218
1	1	3	5-1/2	0.060	150219
1	1	3	5-1/2	0.090	150220



Custom Comes Standard:

Alumigator Super Rougher - for high speed dynamic milling.

SAFE-LOCK®

Shank available upon request



SPEED & FEED GUIDE

Optimum Performance



Series 1500

ASR5 5-FLUTE COOLANT-THROUGH FOR ALUMINUM

Material	Axial ↓	Radial →	SFM		3/8	1/2	5/8	3/4	1	
					IPT	IPT	IPT	IPT	IPT	
N Aluminum Alloy 6061, 7075	.25 X D	1 X D	700	3930	0.0030	0.0050	0.0060	0.0080	0.0090	
	0.5 X D	0.5 X D			0.0030	0.0050	0.0060	0.0080	0.0090	
	2 X D	0.3 X D			0.0033	0.0055	0.0065	0.0087	0.0098	
	Loc Max	0.1 X D			0.0051	0.0085	0.0102	0.0136	0.0153	
	Loc Max	0.05 X D			0.0069	0.0115	0.0138	0.0184	0.0207	
	Loc Max	0.02 X D			0.0105	0.0175	0.021	0.028	0.0315	
	High Silicon Aluminum > 12%	.25 X D	1 X D	525	2948	0.0026	0.0045	0.0054	0.0072	0.0081
		0.5 X D	0.5 X D			0.0026	0.0045	0.0054	0.0072	0.0081
		2 X D	0.3 X D			0.0028	0.0049	0.0059	0.0078	0.0088
		Loc Max	0.1 X D			0.0043	0.0077	0.0092	0.0122	0.0138
		Loc Max	0.05 X D			0.0059	0.0104	0.0124	0.0166	0.0186
		Loc Max	0.02 X D			0.0089	0.0158	0.0189	0.0252	0.0284

Series 1502

ASR5 5-FLUTE SOLID FOR ALUMINUM

Material	Axial ↓	Radial →	SFM		3/8	1/2	5/8	3/4	1	
					IPT	IPT	IPT	IPT	IPT	
N Aluminum Alloy 6061, 7075	.25 X D	1 X D	490	2751	0.0030	0.0050	0.0060	0.0080	0.0090	
	0.5 X D	0.5 X D			0.0030	0.0050	0.0060	0.0080	0.0090	
	2 X D	0.3 X D			0.0033	0.0055	0.0065	0.0087	0.0098	
	Loc Max	0.1 X D			0.0051	0.0085	0.0102	0.0136	0.0153	
	Loc Max	0.05 X D			0.0069	0.0115	0.0138	0.0184	0.0207	
	Loc Max	0.02 X D			0.0105	0.0175	0.021	0.028	0.0315	
	High Silicon Aluminum > 12%	.25 X D	1 X D	368	2063	0.0026	0.0045	0.0054	0.0072	0.0081
		0.5 X D	0.5 X D			0.0026	0.0045	0.0054	0.0072	0.0081
		2 X D	0.3 X D			0.0028	0.0049	0.0059	0.0078	0.0088
		Loc Max	0.1 X D			0.0043	0.0077	0.0092	0.0122	0.0138
		Loc Max	0.05 X D			0.0059	0.0104	0.0124	0.0166	0.0186
		Loc Max	0.02 X D			0.0089	0.0158	0.0189	0.0252	0.0284

YOU HAVE TO SEE THE
ALUMIGATOR™ ASR5
IN ACTION TO BELIEVE IT



Scan to see
the ASR5 in
action!

ULTIMATE PERFORMANCE

Premium High Performance Carbide Mills for Non-Ferrous Alloys



Custom Comes Standard:

Alumigator Ramping Tool. Ideal for pocketing, profiling and ramping up to 45 degrees

When the absolute highest in Metal Removal Rates is the goal

SAFE-LOCK®

Shank available upon request



Series 1010 ART | 3 Flute | Chip Breaker | Radius | Ramping Mill

Diameter	Shank Dia	LOC	OAL	Radius	EDP
3/16	3/16	5/8	2	0.015	125966
3/16	3/16	5/8	2	0.030	118300
1/4	1/4	3/4	2-1/2	0.015	125967
1/4	1/4	3/4	2-1/2	0.030	122493
1/4	1/4	1-1/8	3	0.015	125968
1/4	1/4	1-1/8	3	0.030	125969
5/16	5/16	3/4	2-1/2	0.015	125970
5/16	5/16	3/4	2-1/2	0.030	122494
5/16	5/16	1-1/8	3	0.015	125972
5/16	5/16	1-1/8	3	0.030	125973
3/8	3/8	1	2-1/2	0.015	118083
3/8	3/8	1	2-1/2	0.030	120499
3/8	3/8	1	2-1/2	0.060	118084
3/8	3/8	1-1/2	4	0.015	125667
3/8	3/8	1-1/2	4	0.030	125974
3/8	3/8	1-1/2	4	0.060	125668
1/2	1/2	1-1/4	3	0.015	118043
1/2	1/2	1-1/4	3	0.030	118988
1/2	1/2	1-1/4	3	0.045	125965
1/2	1/2	1-1/4	3	0.060	117601
1/2	1/2	1-1/4	3	0.090	125975
1/2	1/2	2-1/4	4	0.015	125669
1/2	1/2	2-1/4	4	0.030	125670
1/2	1/2	2-1/4	4	0.045	125976
1/2	1/2	2-1/4	4	0.060	125671
1/2	1/2	2-1/4	4	0.090	125977

ULTIMATE PERFORMANCE

Premium High Performance Carbide Mills for Non-Ferrous Alloys



Series 1010 ART | 3 Flute | Chip Breaker | Radius | Ramping Mill

Diameter	Shank Dia	LOC	OAL	Radius	EDP
5/8	5/8	1-5/8	3-1/2	0.015	125978
5/8	5/8	1-5/8	3-1/2	0.030	125020
5/8	5/8	1-5/8	3-1/2	0.045	125957
5/8	5/8	1-5/8	3-1/2	0.060	118301
5/8	5/8	1-5/8	3-1/2	0.090	122562
5/8	5/8	2-1/2	5	0.030	125980
5/8	5/8	2-1/2	5	0.060	125674
5/8	5/8	2-1/2	5	0.090	125981
3/4	3/4	1-5/8	4	0.030	118488
3/4	3/4	1-5/8	4	0.060	118489
3/4	3/4	1-5/8	4	0.090	125956
3/4	3/4	1-5/8	4	0.120	119621
3/4	3/4	2-1/2	5	0.030	125676
3/4	3/4	2-1/2	5	0.060	125982
3/4	3/4	2-1/2	5	0.090	125983
3/4	3/4	2-1/2	5	0.120	125677



Custom Comes Standard:

Alumigator Ramping Tool. Ideal for pocketing, profiling and ramping up to 45 degrees

When the absolute highest in Metal Removal Rates is the goal

SAFE-LOCK®

Shank available upon request



ULTIMATE PERFORMANCE

Premium High Performance Carbide Mills for Non-Ferrous Alloys



Series 1015 AST | 3 Flute | Chip Breaker | Square & Radius | Slotting & Roughing

Diameter	Shank Dia	LOC	OAL	Radius	EDP
3/16	3/16	5/8	2	-	120650
3/16	3/16	5/8	2	0.015	125984
3/16	3/16	5/8	2	0.030	120652
1/4	1/4	3/4	2-1/2	-	120653
1/4	1/4	3/4	2-1/2	0.015	125985
1/4	1/4	3/4	2-1/2	0.030	124047
1/4	1/4	1-1/8	3	-	125625
1/4	1/4	1-1/8	3	0.015	125986
1/4	1/4	1-1/8	3	0.030	125987
5/16	5/16	3/4	2-1/2	-	120656
5/16	5/16	3/4	2-1/2	0.015	125988
5/16	5/16	3/4	2-1/2	0.030	125960
5/16	5/16	1-1/8	3	-	125626
5/16	5/16	1-1/8	3	0.015	125989
5/16	5/16	1-1/8	3	0.030	125990
3/8	3/8	1	2-1/2	-	120659
3/8	3/8	1	2-1/2	0.015	120660
3/8	3/8	1	2-1/2	0.030	121652
3/8	3/8	1	2-1/2	0.060	120661
3/8	3/8	1-1/2	4	-	125627
3/8	3/8	1-1/2	4	0.015	125635
3/8	3/8	1-1/2	4	0.030	125991
3/8	3/8	1-1/2	4	0.060	125636
1/2	1/2	1-1/4	3	0.015	120663
1/2	1/2	1-1/4	3	0.030	124010
1/2	1/2	1-1/4	3	0.045	125958



Custom Comes Standard:

Alumigator Slotting and Roughing Tool.

High speed slotting up to two times diameter

Staggered chip breakers for easy chip management and high quality surface finishes

SAFE-LOCK®

Shank available upon request



ULTIMATE PERFORMANCE

Premium High Performance Carbide Mills for Non-Ferrous Alloys



Series 1015 AST | 3 Flute | Chip Breaker | Square & Radius | Slotting & Roughing

Diameter	Shank Dia	LOC	OAL	Radius	EDP
1/2	1/2	1-1/4	3	-	120662
1/2	1/2	1-1/4	3	0.060	124078
1/2	1/2	1-1/4	3	0.090	125959
1/2	1/2	2-1/4	4	-	125628
1/2	1/2	2-1/4	4	0.015	125637
1/2	1/2	2-1/4	4	0.030	125992
1/2	1/2	2-1/4	4	0.060	125993
1/2	1/2	2-1/4	4	0.090	125994
5/8	5/8	1-5/8	3-1/2	-	120665
5/8	5/8	1-5/8	3-1/2	0.015	125995
5/8	5/8	1-5/8	3-1/2	0.030	125961
5/8	5/8	1-5/8	3-1/2	0.045	125962
5/8	5/8	1-5/8	3-1/2	0.060	125963
5/8	5/8	1-5/8	3-1/2	0.090	125964
5/8	5/8	2-1/2	5	-	125629
5/8	5/8	2-1/2	5	0.015	125996
5/8	5/8	2-1/2	5	0.030	125997
5/8	5/8	2-1/2	5	0.060	125998
5/8	5/8	2-1/2	5	0.090	125999
3/4	3/4	1-5/8	4	-	120668
3/4	3/4	1-5/8	4	0.030	120669
3/4	3/4	1-5/8	4	0.060	123610
3/4	3/4	1-5/8	4	0.090	123397
3/4	3/4	1-5/8	4	0.120	120670
3/4	3/4	2-1/2	5	-	125630
3/4	3/4	2-1/2	5	0.030	125641
3/4	3/4	2-1/2	5	0.060	125642
3/4	3/4	2-1/2	5	0.090	125643
3/4	3/4	2-1/2	5	0.120	125644



Custom Comes Standard:

Alumigator Slotting and Roughing Tool.
High speed slotting up to two times diameter

Staggered chip breakers for easy chip management and high quality surface finishes

SAFE-LOCK®

Shank available upon request



ULTIMATE PERFORMANCE

Premium High Performance Carbide Mills for Non-Ferrous Alloys



Custom Comes Standard:

Alumigator Finishing Tool. Wiper flat for high quality floor finish

Designed to finish parts at roughing speeds and feeds

SAFE-LOCK®

Shank available upon request



Series 1020 AFT | 3 Flute | Square & Radius | Finishing

Diameter	Shank Dia	LOC	OAL	Radius	EDP
3/16	3/16	5/8	2	-	120671
3/16	3/16	5/8	2	0.010	120672
3/16	3/16	5/8	2	0.030	120673
1/4	1/4	3/4	2-1/2	-	120674
1/4	1/4	3/4	2-1/2	0.010	120675
1/4	1/4	3/4	2-1/2	0.030	123922
1/4	1/4	3/4	2-1/2	0.040	120676
1/4	1/4	1-1/8	3	-	125645
1/4	1/4	1-1/8	3	0.010	125651
1/4	1/4	1-1/8	3	0.040	125652
5/16	5/16	3/4	2-1/2	-	120677
5/16	5/16	3/4	2-1/2	0.010	120678
5/16	5/16	3/4	2-1/2	0.030	125952
5/16	5/16	3/4	2-1/2	0.050	120679
5/16	5/16	1-1/8	3	-	125646
5/16	5/16	1-1/8	3	0.010	125653
5/16	5/16	1-1/8	3	0.050	125654
3/8	3/8	1	2-1/2	-	120680
3/8	3/8	1	2-1/2	0.015	120681
3/8	3/8	1	2-1/2	0.030	123921
3/8	3/8	1	2-1/2	0.060	120682
3/8	3/8	1-1/2	4	-	125647
3/8	3/8	1-1/2	4	0.015	125655
3/8	3/8	1-1/2	4	0.060	125656
1/2	1/2	1-1/4	3	0.015	120684
1/2	1/2	1-1/4	3	0.030	123624

ULTIMATE PERFORMANCE

Premium High Performance Carbide Mills for Non-Ferrous Alloys



Series 1020 AFT | 3 Flute | Square & Radius | Finishing

Diameter	Shank Dia	LOC	OAL	Radius	EDP
1/2	1/2	1-1/4	3	-	120683
1/2	1/2	1-1/4	3	0.045	125950
1/2	1/2	1-1/4	3	0.060	124804
1/2	1/2	1-1/4	3	0.080	120685
1/2	1/2	1-1/4	3	0.090	125951
1/2	1/2	2-1/4	4	-	125648
1/2	1/2	2-1/4	4	0.015	125657
1/2	1/2	2-1/4	4	0.080	125658
5/8	5/8	1-5/8	3-1/2	-	120686
5/8	5/8	1-5/8	3-1/2	0.020	120687
5/8	5/8	1-5/8	3-1/2	0.030	125953
5/8	5/8	1-5/8	3-1/2	0.060	125954
5/8	5/8	1-5/8	3-1/2	0.090	125955
5/8	5/8	1-5/8	3-1/2	0.100	120688
5/8	5/8	2-1/2	5	-	125649
5/8	5/8	2-1/2	5	0.020	125659
5/8	5/8	2-1/2	5	0.100	125660
3/4	3/4	1-5/8	4	-	120689
3/4	3/4	1-5/8	4	0.030	120690
3/4	3/4	1-5/8	4	0.060	123896
3/4	3/4	1-5/8	4	0.090	124422
3/4	3/4	1-5/8	4	0.120	120691
3/4	3/4	2-1/2	5	-	125650
3/4	3/4	2-1/2	5	0.030	125661
3/4	3/4	2-1/2	5	0.120	125662



Custom Comes Standard:

Alumigator Finishing Tool. Wiper flat for high quality floor finish

Designed to finish parts at roughing speeds and feeds

SAFE-LOCK®

Shank available upon request



SPEED & FEED GUIDE

Optimum Performance



Series 1010

ART 3 FLUTE SERIES NON-FERROUS

Material	Axial ↓	Radial →	3/16		1/4		5/16		3/8		1/2		5/8		3/4	
			RPM	IPM	RPM	IPM	RPM	IPM	RPM	IPM	RPM	IPM	RPM	IPM	RPM	IPM
N Aluminum, Brass, Copper 6061, 7050, 7075	0.5 X D	0.7 X D	12000	169	12000	227	12000	283	12000	341	12000	454	12000	568	12000	680
	1 X D	.6 X D	12000	155	12000	208	12000	260	12000	312	12000	416	12000	520	12000	624
	2 X D	.4 X D	12000	141	12000	189	12000	236	12000	284	12000	378	12000	473	12000	567
	0.5 X D	0.7 X D	12000	140	12000	188	12000	235	12000	282	12000	376	12000	470	12000	564
	1 X D	.6 X D	12000	133	12000	179	12000	223	12000	268	12000	357	12000	447	12000	536
	2 X D	.4 X D	12000	127	12000	170	12000	212	12000	256	12000	340	12000	426	12000	510

Series 1015

AST 3 FLUTE SERIES NON-FERROUS

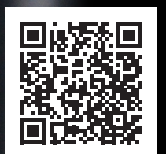
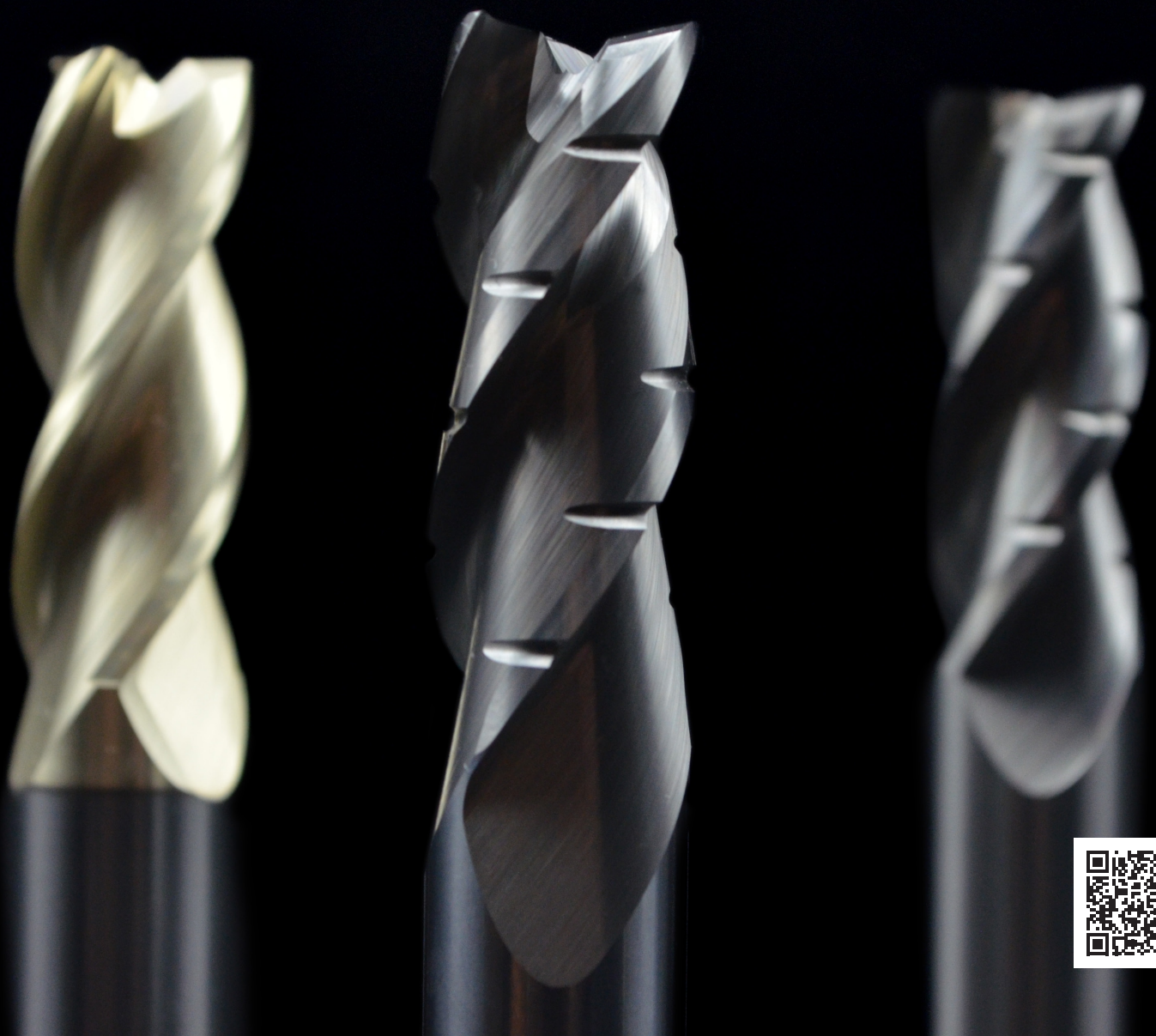
Material	Axial ↓	Radial →	3/16		1/4		5/16		3/8		1/2		5/8		3/4	
			RPM	IPM	RPM	IPM	RPM	IPM	RPM	IPM	RPM	IPM	RPM	IPM	RPM	IPM
N Aluminum, Brass, Copper 6061, 7050, 7075	1 X D	1.0 X D	12000	98	12000	132	12000	165	12000	198	12000	263	12000	330	12000	395
	2 X D	1.0 X D	12000	74	12000	99	12000	124	12000	149	12000	198	12000	248	12000	297
	2 X D	.4 X D	12000	141	12000	189	12000	236	12000	284	12000	378	12000	473	12000	567
	1 X D	1.0 X D	12000	89	12000	119	12000	148	12000	178	12000	237	12000	297	12000	356
	2 X D	1.0 X D	12000	67	12000	89	12000	112	12000	134	12000	178	12000	223	12000	267
	2 X D	.4 X D	12000	127	12000	170	12000	212	12000	256	12000	340	12000	426	12000	510

Series 1020

AFT 3 FLUTE SERIES NON-FERROUS

Material	Axial ↓	Radial →	3/16		1/4		5/16		3/8		1/2		5/8		3/4	
			RPM	IPM	RPM	IPM	RPM	IPM	RPM	IPM	RPM	IPM	RPM	IPM	RPM	IPM
N Aluminum, Brass, Copper 6061, 7050, 7075	2 X D	.05 X D	12000	101	12000	135	12000	168	12000	203	12000	270	12000	338	12000	405
	.05 X D	0.65 X D	12000	111	12000	149	12000	185	12000	223	12000	297	12000	372	12000	446
	2 X D	.05 X D	12000	91	12000	122	12000	151	12000	183	12000	243	12000	304	12000	365
	.05 X D	0.65 X D	12000	100	12000	134	12000	166	12000	201	12000	267	12000	335	12000	401

SEE THE REST OF THE
ALUMIGATOR™ SERIES





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