



Power. Precision. Performance.

TURBOCHARGED FOR THE **SPEED** YOU NEED.

**THE NEW IMCO
POW•R•FEED M936**

**FASTER, CLOG-FREE
CUTTING POWER**



The NEW POW•R•FEED M936

Every element is optimized to give you the fastest, most aggressive, clog-free cutting to get your production higher than you ever thought possible.

Whether you're using low-horsepower equipment, high-speed machining centers or a 5-axis machine, POW-R-FEED M936 cutters give you the power to get more production out of every machine, every shift, every day.

Options

- Chip Management System
- Square end and corner radius
- Varying flute lengths
- Weldon flat

Exceptional Tool Life

- Super-tough-grade carbide
- Reinforced cutting edges
- Low chatter – variable helix and variable index
- Advanced AlTiSN coating

POW • R • FEED M 9 3 6 F E A T U R E S

- 1 Proprietary end geometries for extremely aggressive ramping and helical entry parameters
- 2 Variable helix angle for excellent chip evacuation, long tool life
- 3 Variable index for reduced chatter provides superior balance, super-stable performance
- 4 Extra-fine cutting edges with edge prep for prolonged life
- 5 Wiper flat for superior floor finishes
- 6 Unique flute and core geometries for amazing metal removal rates and the free-est cutting action in the toughest materials
- 7 Ultra-modern AlTiSN coating for super-lubricity and great chip evacuation
- 8 Super-tough carbide grade for incredible tool life
- 9 Second generation Chip Management System eliminates chip pollution, even in tight pockets and confined spaces



For use in:



STEELS



TITANIUM



STAINLESS STEEL



CAST IRON



HARDENED STEELS

Virtually Impossible to Clog

Unique flute and core geometries make available extremely aggressive cutting parameters. The proprietary end face allows very aggressive ramping and helical entry tool paths.

Usually, these operations would result in faster tool wear and shorter tool life. But the M936's super-tough carbide core and slippery-smooth ALTiSN coating combine with cutting edges and geometries to keep the cutting zone clear for higher feeds and metal removal rates.

Regardless of your machine's horsepower, get maximized free cutting action, facilitate maximum speed, and get extended tool life in the metals you work with most. You can do it with the new POW-R-FEED M936 series end mills.

Aggressive roughing and pocketing in a wide variety of materials for much faster material removal. Aggressive flute and end face geometries make the tool virtually impossible to clog.



GET SPEEDS AND FEEDS FAST ONLINE!



IMCO'S EASY-TO-USE ONLINE TOOL FOR DYNAMIC SPEEDS AND FEEDS

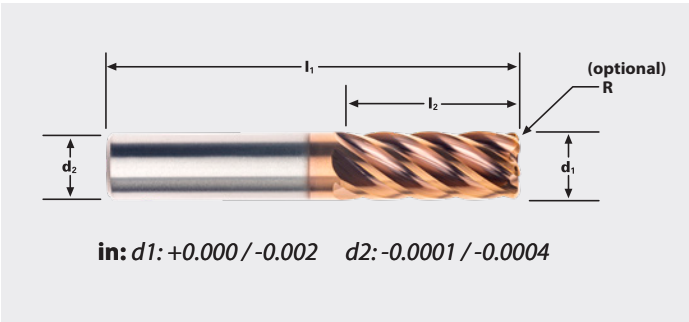
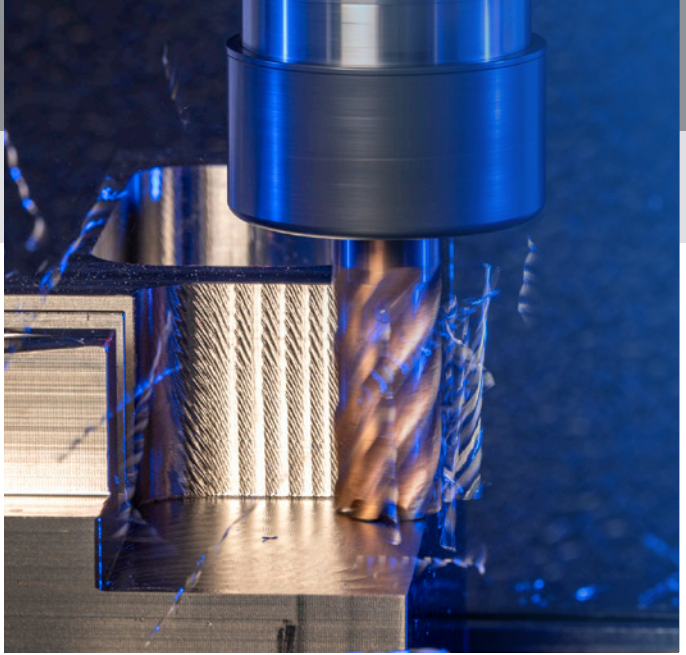
Be sure to check it before you wreck it!

Simply input your part number or describe your tool, input select details about your application, confirm your machine details, and get ready to rock and roll with highly technical and in-depth speed and feed recommendations.

Scan the QR code to get started! ▶



POW•R•FEED M936



For maximum performance in a wide variety of materials. Helical enter, ramp, slot and peripheral mill at fantastic feed rates. Maximize the output of your machines.

Designed for very aggressive traditional tool paths, stepovers and depths beyond the reach of legacy tools. It's IMCO's free-est cutting end mill to date. And with that amazing performance you also get long, long tool life.

FRACTIONAL /in

Cutter Dia d1	Shank Dia d2	Length of Cut l2	Overall Length l1	Order Code SQ	Order Code by Corner Radius			
					.010 CR	.015 CR	.030 CR	.060 CR
1/4	1/4	3/8	2	9174611	9175817	9175136	9175137	9175138
		1/2	2-1/2	9175639	9175818	9175140	9175141	-
		3/4	2-1/2	9175640	9175819	9175143	9175144	9175145
		1	3	9175641	9175820	9175146	9175147	-
5/16	5/16	7/16	2	9175642	-	-	-	-
		13/16	2-1/2	9175643	-	9175160	-	-
		1-1/4	3	9175644	-	-	-	-
3/8	3/8	1/2	2	9175645	9175821	9175166	9175167	-
		1	2-1/2	9175646	9175822	9175171	9175172	9175173
		1-1/4	3	9175647	9175831	9175176	9175177	9175178
		1-1/2	3-1/2	9175648	-	-	-	-
1/2	1/2	5/8	2-1/2	9175649	9175833	9175186	9175187	9175188
		1	3	9175650	9175834	9175191	9175192	9175193
		1-1/4	3	9175651	9175835	9175196	9174264	9175197
		1-1/2	3-1/2	9175652	-	-	9175202	-
		1-3/4	4	9175653	-	-	9175208	-
		2	4	9175654	-	-	9175213	9175214
5/8	5/8	3/4	3	-	-	-	-	-
		1-1/4	3-1/2	-	-	-	-	-
		1-5/8	3-1/2	9175657	-	-	9175227	-
		2-3/16	4	-	-	-	-	-
3/4	3/4	1	3	-	-	-	-	-
		1-5/8	4	9175660	-	-	9175242	9175243
		2-1/4	5	9175661	-	9175248	-	-

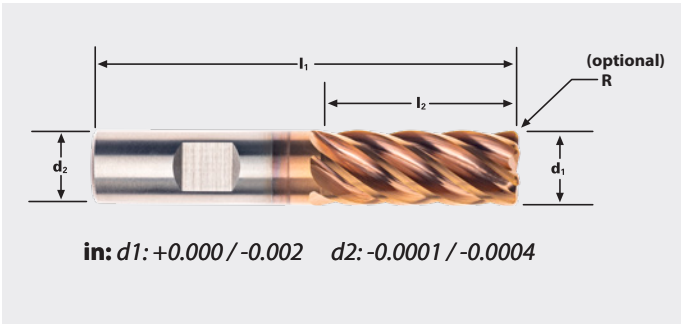
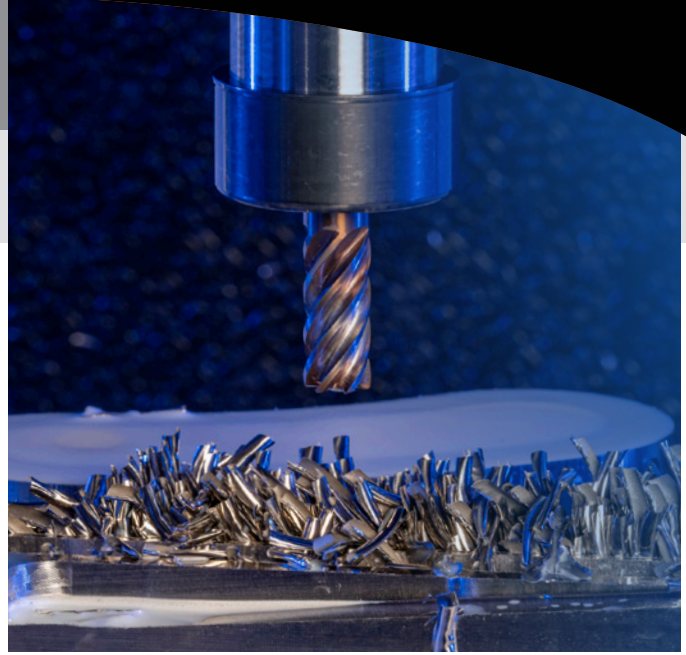


Use **Toolbot** to get dynamic speed and feed information by scanning the QR code



Access POW•R•FEED speed and feed charts by scanning the QR code

POW•R•FEED M936



FRACTIONAL /in



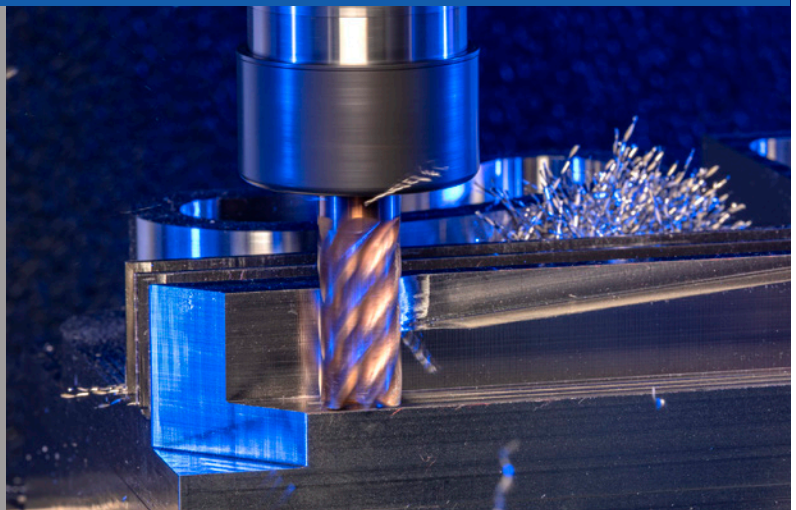
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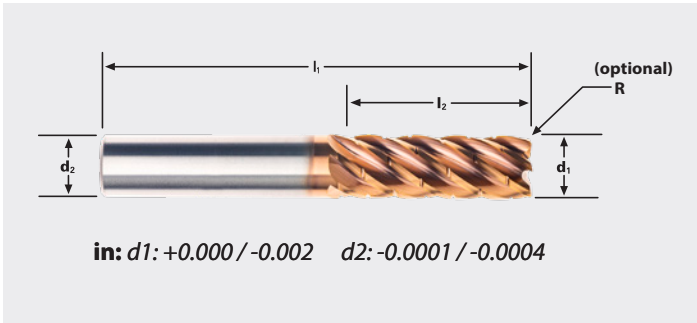
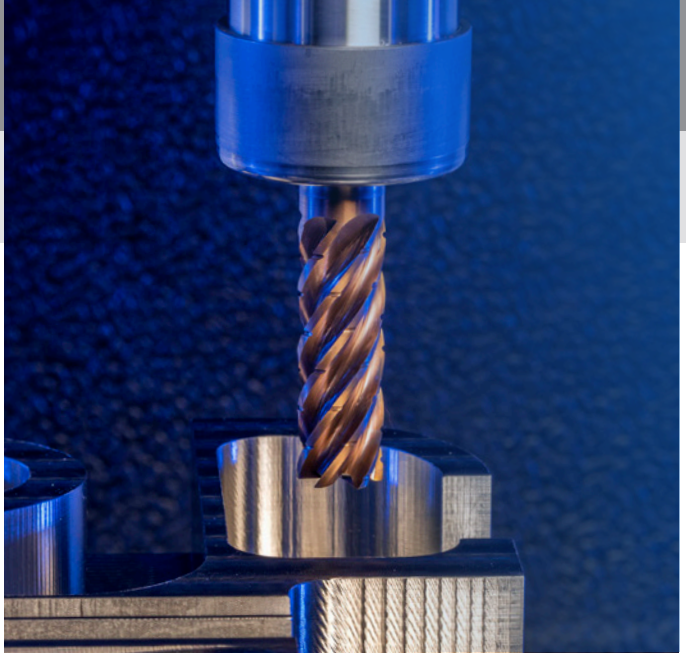
Cutter Dia d1	Shank Dia d2	Length of Cut l2	Overall Length l1	Order Code SQ	Order Code by Corner Radius			
					.010 CR	.015 CR	.030 CR	.060 CR
3/8	3/8	1/2	2	9175796	-	-	9175869	-
		1	2-1/2	9175797	9175840	9175850	9175870	-
		1-1/4	3	9175798	-	-	9175871	-
		1-1/2	3-1/2	-	-	-	-	-
1/2	1/2	5/8	2-1/2	9175800	-	-	-	-
		1	3	9175801	9175844	9175854	9175874	-
		1-1/4	3	9175802	9175845	9175855	9175875	9175895
		1-1/2	3-1/2	-	-	-	-	-
		1-3/4	4	-	-	-	-	-
		2	4	-	-	-	-	-
5/8	5/8	3/4	3	-	-	-	-	-
		1-1/4	3-1/2	-	-	-	-	-
		1-5/8	3-1/2	9175808	-	-	9175881	-
		2-3/16	4	-	-	-	-	-
3/4	3/4	1	3	-	-	-	-	-
		1-5/8	4	9175812	-	-	9175884	-
		2-1/4	5	-	-	-	-	-

TECH TALK | FASTER CYCLE TIMES

Use various tool path moves without slowing down, even when cutting odd shapes or narrow configurations. Whether you're running in advanced 5-axis machines, doing an HEM cut or using a more conventional tool path, the M936 will help you save time and money with clog-free cutting.



POW•R•FEED M936C



IMCO's second generation Chip Management System, combined with optimized cutting and flute geometries, reduces the risk of clogging, even with extremely aggressive cutting parameters. Precision notches in the cutting edges eliminate long chips that create chip pollution, preventing evacuation issues and the recutting of chips. The ultra-modern AlTiSiN slippery-smooth coating also helps eliminate chip buildup.

You get maximum free cutting action, maximum speed, maximum metal removal and maximum tool life in the toughest metals you work with most.

FRACTIONAL / in

Cutter Dia d1	Shank Dia d2	Length of Cut l2	Overall Length l1	Order Code by Corner Radius		
				.015 CR	.030 CR	.060 CR
1/4	1/4	3/8	2	9175955	-	-
		1/2	2-1/2	9175956	-	-
		3/4	2-1/2	9175957	-	-
		1	3	9175958	-	-
3/8	3/8	1/2	2	9175959	9175969	-
		1	2-1/2	9175960	9175970	-
		1-1/4	3	9175961	9175971	-
		1-1/2	3-1/2	-	-	-
1/2	1/2	5/8	2-1/2	9175963	9175973	-
		1	3	9175964	9175974	-
		1-1/4	3	9175965	9175975	9175990
		1-1/2	3-1/2	-	9175976	-
		1-3/4	4	-	9175977	-
		2	4	-	9175978	-
5/8	5/8	3/4	3	-	-	-
		1-1/4	3-1/2	-	-	-
		1-5/8	3-1/2	-	9175981	9175996
3/4	3/4	2-3/16	4	-	-	-
		1	3	-	-	-
		1-5/8	4	-	9175984	9175999
		2-1/4	5	-	-	-

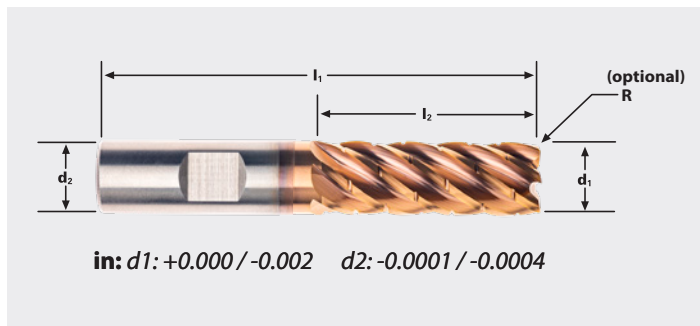
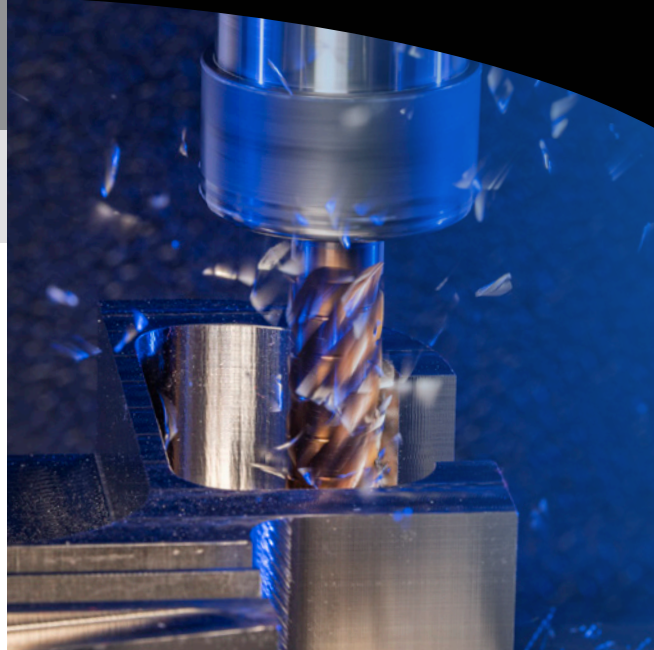


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POW•R•FEED M936C



FRACTIONAL /in

Cutter Dia d1	Shank Dia d2	Length of Cut l2	Overall Length l1	Order Code by Corner Radius		
				.015 CR	.030 CR	.060 CR
3/8	3/8	1/2	2	-	-	-
		1	2-1/2	9176005	9176015	-
		1-1/4	3	9176006	9176016	-
		1-1/2	3-1/2	-	-	-
1/2	1/2	5/8	2-1/2	-	-	-
		1	3	9176009	9176019	9176035
		1-1/4	3	9176010	9176020	9176036
		1-1/2	3-1/2	-	-	-
		1-3/4	4	-	-	-
		2	4	-	-	-
5/8	5/8	3/4	3	-	-	-
		1-1/4	3-1/2	-	-	-
		1-5/8	3-1/2	-	9176026	9176042
		2-3/16	4	-	-	-
3/4	3/4	1	3	-	-	-
		1-5/8	4	-	9176029	9176045
		2-1/4	5	-	-	-



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You get maximum free cutting action, maximum speed, maximum metal removal and maximum tool life in the toughest metals you work with most.

TECH TALK | AMAZING SPEEDS

Create forms, pockets, slots and other irregular shapes. Perform ramping, helical entry or peripheral milling. It's all executed at astounding speeds with smooth walls and floors.

Price-to-performance ratio = **exceptional.**



NEW POW•R•FEED M936



Take production higher.

Get the aggressive, clog-free cutting speed you need and put your production over the top with POW-R-FEED M936 end mills. Only from IMCO. See for yourself at imcousa.com.

Contact your local distributor today for pricing and availability.

In USA call **1-800-765-4626**

International **419-661-6313**

Fax **419-661-6314**

Email **CustomerService@imcousa.com**



Visit **www.imcousa.com**
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Power. Precision. Performance.

IMCO Carbide Tool Inc.

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