



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

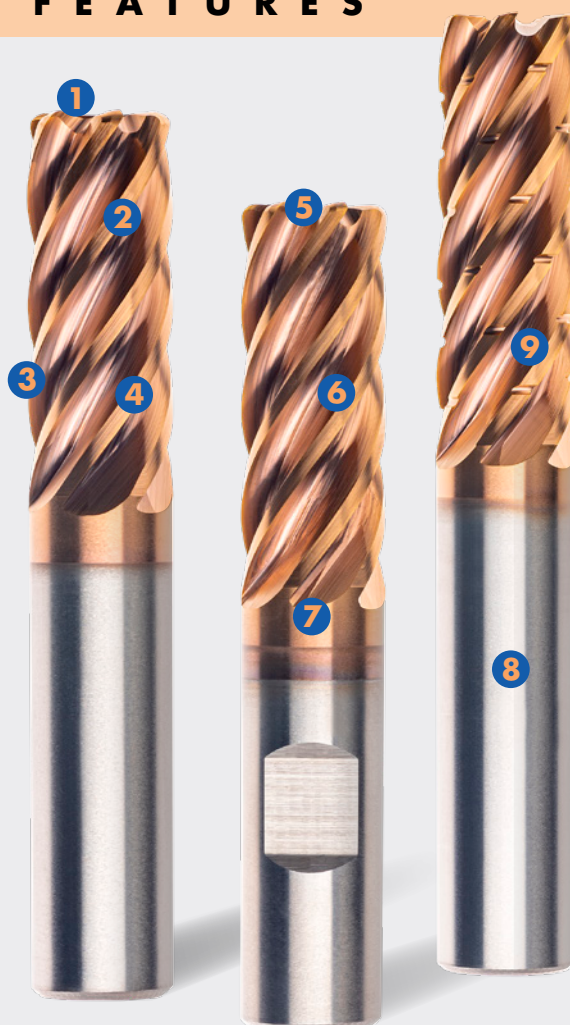
- Chip Management System
- Square end and corner radius
- Varying flute lengths
- Weldon flat

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! ▶

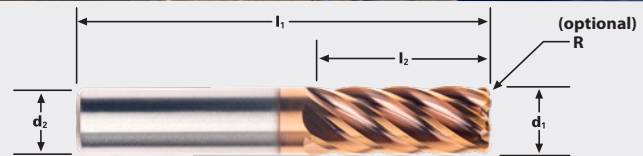
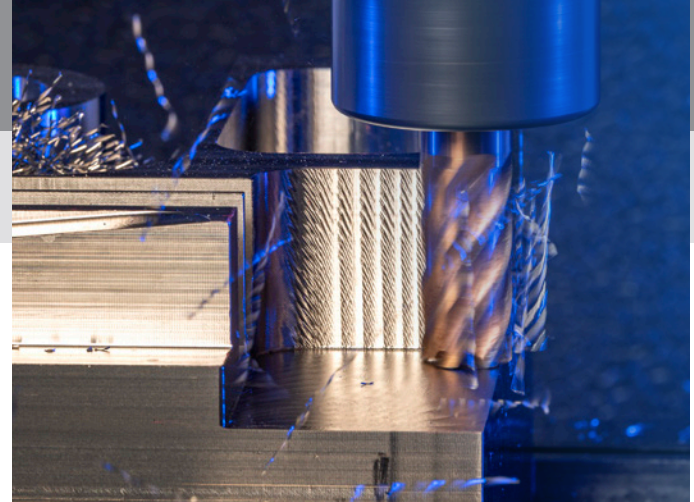


POW•R•FEED M936



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.



in: $d1: +0.000 / -0.002$ $d2: -0.0001 / -0.0004$

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	.090 CR	.125 CR	.190 CR	.250 CR
1/4	1/4	3/8	2	9174611	9175817	9175136	9175137	9175138	-	-	-	-
		1/2	2 - 1/2	9175639	9175818	9175140	9175141	9175142	-	-	-	-
		3/4	2 - 1/2	9175640	9175819	9175143	9175144	9175145	-	-	-	-
		1	3	9175641	9175820	9175146	9175147	9175148	-	-	-	-
5/16	5/16	7/16	2	9175642	-	9175149	9175150	9175159	-	-	-	-
		13/16	2 - 1/2	9175643	-	9175160	9175161	9175162	-	-	-	-
		1 - 1/4	3	9175644	-	9175163	9175164	9175165	-	-	-	-
3/8	3/8	1/2	2	9175645	9175821	9175166	9175167	9175168	9175169	9175170	-	-
		1	2 - 1/2	9175646	9175822	9175171	9175172	9175173	9175174	9175175	-	-
		1 - 1/4	3	9175647	9175831	9175176	9175177	9175178	9175179	9175180	-	-
		1 - 1/2	3 - 1/2	9175648	9175832	9175181	9175182	9175183	9175184	9175185	-	-
1/2	1/2	5/8	2 - 1/2	9175649	9175833	9175186	9175187	9175188	9175189	9175190	-	-
		1	3	9175650	9175834	9175191	9175192	9175193	9175194	9175195	-	-
		1 - 1/4	3	9175651	9175835	9175196	9174264	9175197	9175198	9175199	9175200	-
		1 - 1/2	3 - 1/2	9175652	9175836	9175201	9175202	9175203	9175204	9175205	9175206	-
		1 - 3/4	4	9175653	9175837	9175207	9175208	9175209	9175210	9175211	-	-
		2	4	9175654	9175838	9175212	9175213	9175214	9175215	9175216	9175217	-
5/8	5/8	3/4	3	9175655	-	9175218	9175219	9175220	-	-	-	-
		1 - 1/4	3 - 1/2	9175656	-	9175221	9175222	9175223	9175224	9175225	-	-
		1 - 5/8	3 - 1/2	9175657	-	9175226	9175227	9173877	9175228	9175229	9175230	-
		2 - 3/16	4	9175658	-	9175231	9175232	9175233	-	-	-	-
3/4	3/4	1	3	9175659	-	9175234	9175235	9175236	9175237	9175238	9175239	9175240
		1 - 5/8	4	9175660	-	9175241	9175242	9175243	9175244	9175245	9175246	9175247
		2 - 1/4	5	9175661	-	9175248	9175249	9175250	9175251	9175252	9175255	9175256
1	1	1 - 5/8	4	9175662	-	9175257	9175258	9175259	-	9175260	-	9175261
		2	4 - 1/2	9175663	-	9175262	9175263	9175264	-	9175265	-	9175266
		2 - 5/8	5	9175664	-	9175267	9175268	9175269	-	9175270	-	9175271



SCAN to use **Toolbot**
to get dynamic speed and
feed information



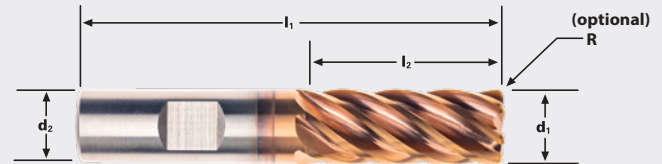
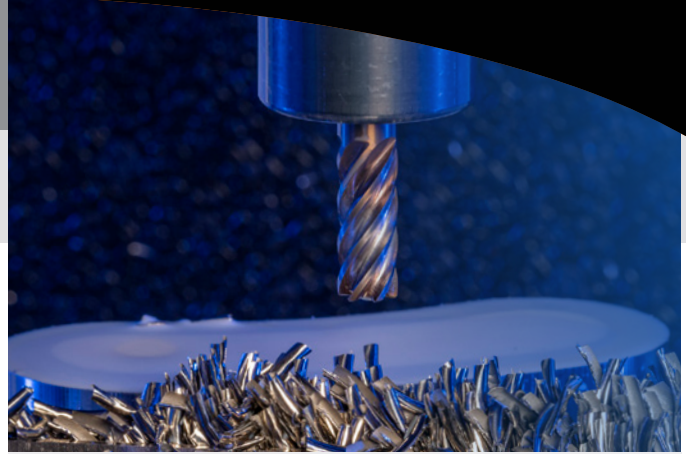
SCAN to access POW•R•FEED
speed and feed charts

POW•R•FEED M936



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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	.090 CR	.125 CR	.190 CR	.250 CR
3/8	3/8	1/2	2	9175796	9175839	9175849	9175869	9175889	9175909	9175924	-	-
		1	2 - 1/2	9175797	9175840	9175850	9175870	9175890	9175910	9175925	-	-
		1 - 1/4	3	9175798	9175841	9175851	9175871	9175891	9175911	9175926	-	-
		1 - 1/2	3 - 1/2	9175799	9175842	9175852	9175872	9175892	9175912	9175927	-	-
1/2	1/2	5/8	2 - 1/2	9175800	9175843	9175853	9175873	9175893	9175913	9175928	-	-
		1	3	9175801	9175844	9175854	9175874	9175894	9175914	9175929	-	-
		1 - 1/4	3	9175802	9175845	9175855	9175875	9175895	9175915	9175930	9175942	-
		1 - 1/2	3 - 1/2	9175803	9175846	9175856	9175876	9175896	9175916	9175931	9175943	-
		1 - 3/4	4	9175804	9175847	9175857	9175877	9175897	9175917	9175932	-	-
		2	4	9175805	9175848	9175858	9175878	9175898	9175918	9175933	9175944	-
5/8	5/8	3/4	3	9175806	-	9175859	9175879	9175899	-	-	-	-
		1 - 1/4	3 - 1/2	9175807	-	9175860	9175880	9175900	9175919	9175934	-	-
		1 - 5/8	3 - 1/2	9175808	-	9175861	9175881	9175901	9175920	9175935	9175945	-
		2 - 3/16	4	9175810	-	9175862	9175882	9175902	-	-	-	-
3/4	3/4	1	3	9175811	-	9175863	9175883	9175903	9175921	9175936	9175946	9175949
		1 - 5/8	4	9175812	-	9175864	9175884	9175904	9175922	9175937	9175947	9175950
		2 - 1/4	5	9175813	-	9175865	9175885	9175905	9175923	9175938	9175948	9175951
1	1	1 - 5/8	4	9175814	-	9175866	9175886	9175906	-	9175939	-	9175952
		2	4 - 1/2	9175815	-	9175867	9175887	9175907	-	9175940	-	9175953
		2 - 5/8	5	9175816	-	9175868	9175888	9175908	-	9175941	-	9175954

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.

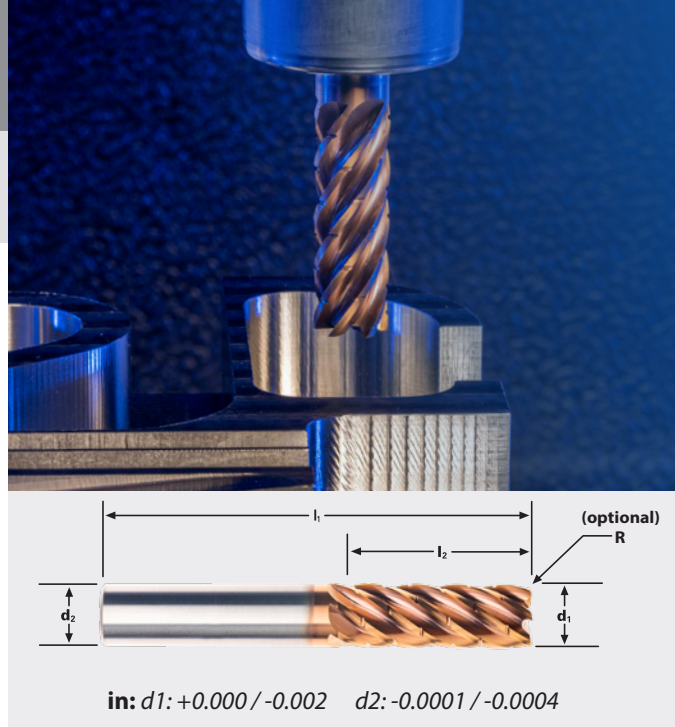


POW•R•FEED M936C



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 ALTiSN 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	9175962	9175972	-
1/2	1/2	5/8	2-1/2	9175963	9175973	9175988
		1	3	9175964	9175974	9175989
		1-1/4	3	9175965	9175975	9175990
		1-1/2	3-1/2	9175966	9175976	9175991
		1-3/4	4	9175967	9175977	9175992
		2	4	9175968	9175978	9175993
5/8	5/8	3/4	3	-	9175979	9175994
		1-1/4	3-1/2	-	9175980	9175995
		1-5/8	3-1/2	-	9175981	9175996
		2-3/16	4	-	9175982	9175997
3/4	3/4	1	3	-	9175983	9175998
		1-5/8	4	-	9175984	9175999
		2-1/4	5	-	9175418	9176000
1	1	1-5/8	4	-	9175985	9176001
		2	4-1/2	-	9175986	9176002
		2-5/8	5	-	9175987	9176003



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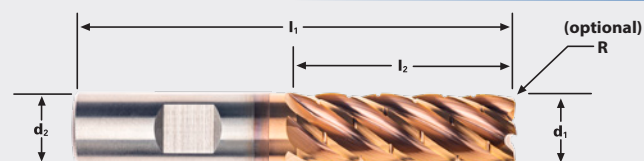
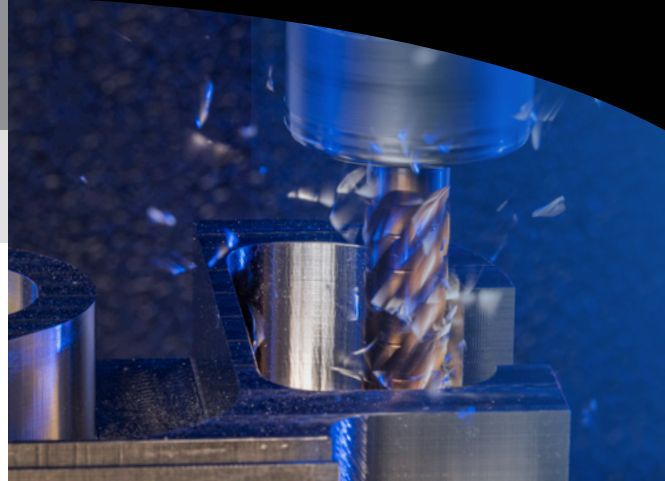
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speed and feed charts

POW•R•FEED M936C



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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	9176004	9176014	-
		1	2 - 1/2	9176005	9176015	-
		1 - 1/4	3	9176006	9176016	-
		1 - 1/2	3 - 1/2	9176007	9176017	-
1/2	1/2	5/8	2 - 1/2	9176008	9176018	9176034
		1	3	9176009	9176019	9176035
		1 - 1/4	3	9176010	9176020	9176036
		1 - 1/2	3 - 1/2	9176011	9176021	9176037
		1 - 3/4	4	9176012	9176022	9176038
		2	4	9176013	9176023	9176039
5/8	5/8	3/4	3	-	9176024	9176040
		1 - 1/4	3 - 1/2	-	9176025	9176041
		1 - 5/8	3 - 1/2	-	9176026	9176042
		2 - 3/16	4	-	9176027	9176043
3/4	3/4	1	3	-	9176028	9176044
		1 - 5/8	4	-	9176029	9176045
		2 - 1/4	5	-	9176030	9176046
		1 - 5/8	4	-	9176031	9176047
1	1	2	4 - 1/2	-	9176032	9176048
		2 - 5/8	5	-	9176033	9176049

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**
by scanning this QR code.



Power. Precision. Performance.

IMCO Carbide Tool Inc.

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