

MITGI NEWS

SHOP NEWS

Here at MITGI we are busy with designing, manufacturing, and regrinding various tools. We are staying busy despite the economic slowdown. We are still able to show growth in the medical industry as well as the mold tools we produce. The automobile industry has been on the downside and as a result so has some of the tooling we do for that. We have been busy trying various coatings from different companies to see which is the best fit for the many different tools we have coated. We recently traveled out west to work with one of our customers to see if there was a way we could help save some money on some of the tools we weren't currently making for them. Turns out we found 5-6 other tools we can produce for them, and save some money for them as well. If you have any tooling questions or would like us to give you a quote, just give us a call or drop Jeff an e-mail at the address we have listed below.

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Monthly Specials

Go to our website to find out what we have on special for the current month. Each month we run a special on either a stock tool or a service we provide. Previous specials have included End Mills, Deburring Knives, Thread Mills, Spot Drills and our Laser Marking service. If you go to our website at www.mitgi.us and click on the specials page, you can see what special we are currently running. At the beginning of every month, we change to a new special.

BRETT'S TWO CENTS

As some of you are familiar with, I have been traveling around the country side, and metro side, meeting with customers since I started my new position with the company in July of this year. Prior to July, I ground tools for MITGI for nearly two years, mainly focusing on custom form tools. I have really enjoyed getting to know everyone that I have been in contact with so far. Visiting our customers allows us to see firsthand, how our tools are being used and applied. This allows us to continuously look for ways to improve on your cycle time or tool life based off your feedback and what I observe during our visit. If you would like me to stop by for a visit, just give me a call at 320-583-9063 or drop me an e-mail at www.brett.kuttner@mitgi.us. See you on the Road!

AND THEN THE FIGHT STARTED!!!!

My wife sat down on the couch next to me as I was flipping the channels. She asked, 'What's on TV?' I said 'Dust.' And then the fight started.....

My wife and I were sitting at a table at my high school reunion, and I kept staring at a drunken lady swigging her drink as she sat alone at a nearby table. My wife asked, 'Do you know her?' 'Yes I sighed, 'She's my old girlfriend.. I understand she took to drinking right after we split up those many years ago, and I hear she hasn't been sober since.' My God!' says my wife, 'who would think a person could go on celebrating that long. And then the fight started....

A little History of MITGI and what we do

Midwest Industrial Tool Grinding, Inc. (MITGI) is headquartered in Stewart MN. MITGI was founded in 1993 by Jim Schaufler as a custom manufacturing and re-grinding company for cutting tools. Over the years, MITGI has grown significantly and now has a 24 hour operation and 14 employees. Our focus and growth has been toward micro-tooling and developing product lines while maintaining a significant focus on customer specialty tools of the highest quality. We build and stock customer specific product lines that allow for same day shipping of specials. Many of our customers are from the medical field, mold making, aerospace, and computer related fields. Our customers are located in Minnesota, throughout the United States, as well as England, Japan, Costa Rica and Mexico. If your ever out our way, stop in and we would be happy to give you a tour of our facility and show you our capabilities.

COATING APPLICATIONS

Using the correct coating on a cutting tool can give you longer tool life while increasing feeds and speeds. We offer 6 different applications of coating. They are AlTiN, TiAlN, TiN, TiCN, ZrN and Diamond Coating, with customized coating available for specialized jobs. The type of material you are cutting and the application you are using it in will determine which type of coating will work best for you. We have listed a chart here to give some general direction in what coating to use.

MATERIAL	HARDNESS	COATING
Alloy Steel	160-240 HBn	TiN
Alloy Steel	23-38	TiN
Alloy Steel	>38	AlTiN
Low Carbon Steel	130-240 HBn	TiCN
Low Carbon Steel	23-38	TiN
Low Carbon Steel	>38	AlTiN
Carbon Steel	160-240 HBn	TiN
Carbon Steel	23-38	TiN
Carbon Steel	>38	AlTiN
Austenetic Stainless Steel	180-220 HBn	TiCN
Martinsitic Stainless Steel	<35	AlTiN
Martinsitic Stainless Steel	>=35	AlTiN
Gray Cast Iron	180-220 HBn	AlTiN
Nodular Cast Iron	220-320 HBn	AlTiN
PH Stainless Steel	<35	AlTiN
PH Stainless Steel	>=35	AlTiN
Titanium		AlTiN
Ni, Co, Fe Base Super Alloys		AlTiN
Aluminum		TiCN or ZrN



HUMOR

A mother was preparing pancakes for her sons, Kevin 5 and Ryan 3. The boys began to argue over who would get the first pancake. Their mother saw the opportunity for a moral lesson. If Jesus were sitting here, He would say, 'let my brother have the first pancake, I can wait. 'Kevin turned to his younger brother and said, "Ryan you be Jesus!"

MITGI CONTACT INFORMATION

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