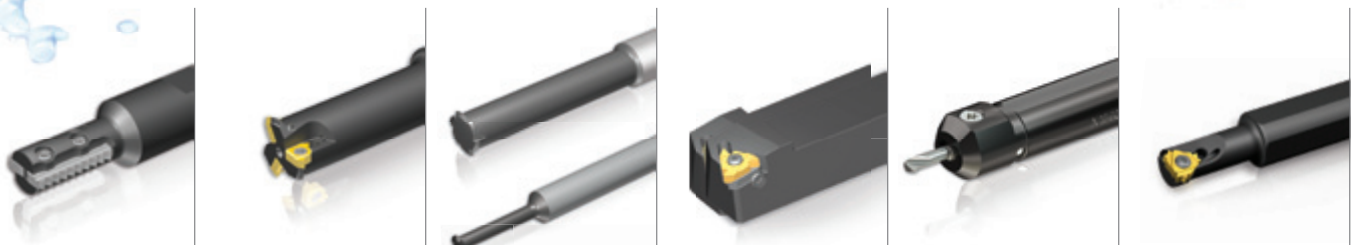


# Spotlight 2010

**VARDEX**

Advanced Threading Solutions



INCH



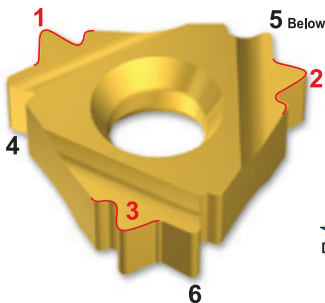
# Comprehensive Line of Thick Threading Inserts

The expanded Redline range now includes new profiles and insert sizes IC 1/4", 3/8", 1/2", offering a wide range of thick inserts



## 6 Cutting Corners

Double your tool life!  
Reduce tooling costs by using the economical V6 threading insert with 6 cutting corners.





# MiTM

## Super Fast Thread Milling System

A multi-flute indexable thread mill (MiTM) system designed for fast machining

**NEW!**

### MiTM 24 (M) For Small Bores

Standard



From: 5/8-14UNS (M14.5x0.5)

Conical



For: 3/8-18NPT, 3/8-19BSPT

### MiTM 25 (S)

#### For Standard Applications

Standard



From: 3/4-18UNS (M19x1)

Conical



From: 1/2-14NPT, 1/2-14BSPT

Shell Mill



From: 1 5/8-16UN (M42x1)

Shell Mill Conical



Form: 1 1/2-11.5NPT,  
1 1/2-11BSPT

### MiTM 40 (L) For Long Threads Insert length: 1.575" (40mm)

Standard



From: 15/16-20UNEF (M24x1)

Shell Mill



From: 2 1/16-16UN (M52x1)

Shell Mill Conical



Form: 2-11.5NPT, 2 1/2-11BSPT

**NEW!**

### MiTM 41 (B) For Large Pitches Max pitch: 4UN (6.0ISO)

Standard



From: 1 1/8-7UN (M28x3)

Shell Mill



From: 2 3/8-6UN (M58x4)



# TMSD

## Thread Mill for Deep Holes

A multi-flute, high-productivity, and economical solution for milling threads in deep holes

**NEW!**

### Mini L For Small Bores

### "A" Style For Blind Hole Applications

#### Weldon Shank



From: 9/16-24UNEF (M14x0.5)  
Max Depth: 1.65"

#### Carbide Cylindrical Shank



From: 9/16-24UNEF (M14x0.5)  
Max Depth: 2.55"

#### Steel Cylindrical Shank



From: 1 1/8-14UNS (M28x1.5)  
Max Depth: 5.12"

### "U" Style For Large Pitches

Max pitch: 3tpi (8mm)

#### Weldon Shank



From: 5/8-27UNS (M16x0.5)  
Max Depth: 4.72"

#### Carbide Cylindrical Shank

**NEW!**



From: 5/8-27UNS (M16x0.5)  
Max Depth: 3.15"

#### Steel Cylindrical Shank



From: 1-14UNS (M26x1.5)  
Max Depth: 5.12"

#### Shell Mill



From: 1 13/16-16UN (M45x1.5)  
Max Depth: 7.87"

# TM Solid

## Solid Carbide Thread Milling Tools

A comprehensive line of solid carbide thread mill tools for small bore applications

### Helicool Helical Flutes with Thru-Hole Coolant

#### Helicool



Heavy Duty for Blind Holes  
From: No.10-32UNF (M3x0.5)

#### Helicool-R (HCR)



Radial Coolant for thru-holes  
From: No.10-32UNF

#### Helicool-C (HCC)



Helicool and Chamfer  
From: No.10-32UNF

#### HTC



Drill, Thread and Chamfer  
From: M6x1.0

### MilliPro Miniature Thread Mills

#### MilliPro



Miniature Thread Mills  
From: No.1-72 UNF (M1.6x0.35)

#### MilliPro EL



Miniature Thread Mills  
Extra Long Tools  
Tool length: 3.94"

#### MilliPro HD



Miniature Thread Mills  
for Hard Materials  
Up to: 62 HRC

#### MilliPro Dental



Miniature Thread Mills  
for Dental Implants  
From: No.0-80UNF (M1.0x0.25)

### Deep Threading Long Tools for Deep Holes

#### Deep Threading



Partial Profile  
Max depth: 3 X Thread Diameter

#### Deep Threading



Full Profile  
Max depth: 3 X Thread Diameter

### Straight Straight Flutes

#### Straight



Normal Use  
From: No.8-36UNF (M4.5x0.75)

### He-Lex Helical Flutes

#### He-Lex



Economical Tool  
From: No.10-32UNF (M3x0.5)

# Specials

# Advanced Tailor Made Solutions

## Inserts



## Solid Carbide



## Toolholders



## Mega Line

Special Solution for Extra Large Pitches  
(up to 1tpi)

Designed to be extra tough, use the Mega Line range of heavy-duty inserts for large pitch applications (2tpi-1tpi).



## Threading Software

## Making Threading Easy

### TM Gen

Thread Milling Tool Selection  
and CNC Program Generator



### TT Gen

Thread Turning Tool Selection  
and Cutting Data



Download the latest version at  
[www.vargususa.com](http://www.vargususa.com)