

NPA 59

METRIC

VARDEX

vargus
NEUMO Ehrenberg Group

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V-TAPS

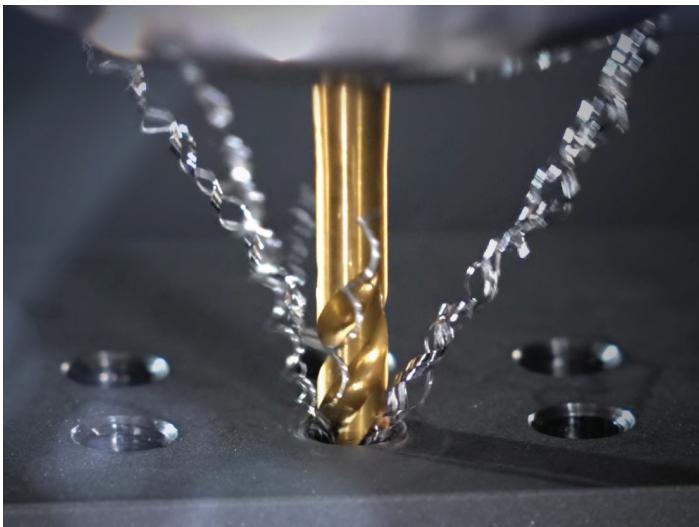
NEW

Advanced Tapping Solutions

Vargus Ltd. introduces **V-Taps**, the new line of advanced tapping solutions.


Features and Benefits:

- Covers the most popular ISO Metric and American UN threading application standards
- Four different geometries in an assortment of types:
 - Straight Flute with Spiral Point
 - Spiral Flute
 - Straight Flute
 - Cold Forming
- Suitable for blind holes and thru hole operations
- Tools are designed to work on a wide range of materials
- 3 different grades:
 - VHB - Black oxide coating
 - VHN - TiN coated
 - VHC - TiCN coated
- Available in JIS* (Japanese Industrial Standards)



* Available in Q2 2022

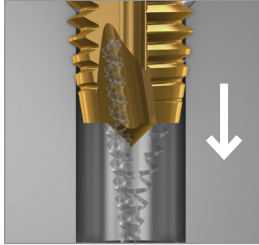
Please contact me directly with specific questions and requests.
For additional updates and news visit the VARGUS website: www.vargus.com


Ami Yacar
Vardex Product Manager

Scroll down for complete details 

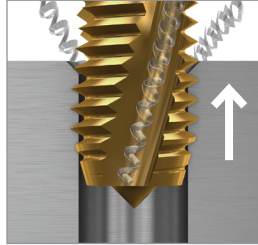
Tool Geometry

Straight Flutes with Spiral Point (SP)



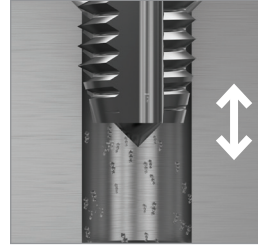
P M N S H

Spiral Flute (SF)



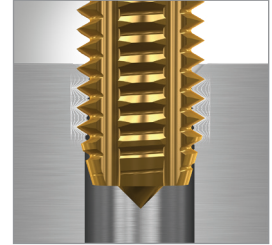
P M N S H

Straight Flute (ST)



K

Cold Forming (FM)



P N

Thread Form Type

M

Metric Coarse

UNC

Unified Coarse

MF

Metric Fine

UNF

Unified Fine

Threading Application



Thru Hole



Blind Hole

Basic Standard Group

DIN
376

DIN 376 –
M Thread Standard

DIN
371/376

DIN Thread Standard (based on size range)
DIN 371 if $\varnothing \leq 10\text{mm}$ / DIN 376 if $\varnothing \geq 12\text{mm}$

DIN
2174

DIN 2174 – Forming
Tap Standard

DIN
374

DIN 374 –
MF Thread Standard

DIN
371/374

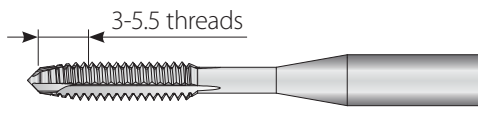
DIN Thread Standard (based on size range)
DIN 371 if $\varnothing \leq 10\text{mm}$ / DIN 374 if $\varnothing \geq 12\text{mm}$

JIS
B-4430

JIS – Japanese
Industrial Standards

Chamfer Lead Types

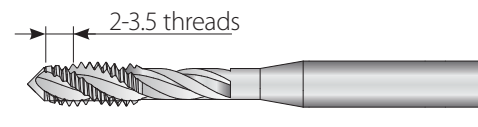
B
3.5-5.5



Form B

Medium, 3.5-5 threads, with spiral point, for all thru holes and deep tapping holes.

C
2-3.5



Form C

Long, 2-3.5 threads for blind holes and generally for aluminum, gray cast iron and brass.

Substrate

HSS-E

High speed cobalt steel tool material

HSS-E
PM

High speed cobalt powder metal tool material

Usable Length Thread Diameter Ratio

2.5xTDZ

2.5xTDZ Useable tool depth to
thread diameter ratio