

VT10 Grade

**Increases Tool Life
by up to 30%!**

**New Innovative
Surface Treatment**

New Grade



Features and Benefits:

- **Multipurpose grade** for a wide range of materials
- High consistency
- Especially effective in unstable cutting conditions
- Available for **all standard laydown inserts** (EX & IN) in size IC 3/8" (16)*
Any standard laydown IC3/8" insert, which is available in the Vardex Main Catalog can be ordered.
- Most popular thread profiles are already in stock. **Additional details below.**

* MACH TT, FS-Line, and SCB inserts are not available in VT10 grade.

See it in action:



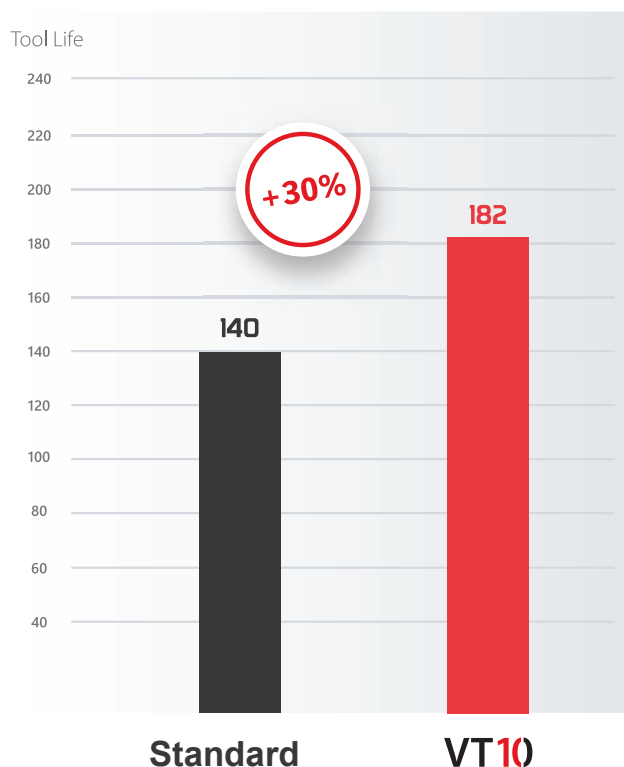
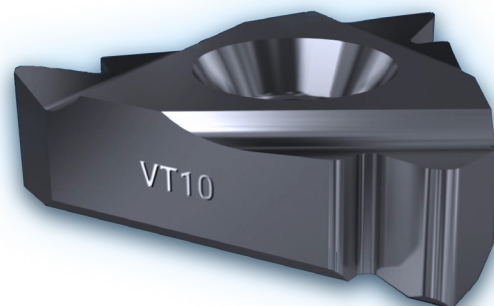
Please contact me directly with specific questions and requests.
For additional updates and news visit the VARGUS website: www.vargus.com


Ami Yacar
Vardex Product Manager

Scroll down for complete details 

Case Study Results

1 VT10 Performance Report with Steel



Material: SAE 4140 **P** Steel
Application: M30x1.5x40

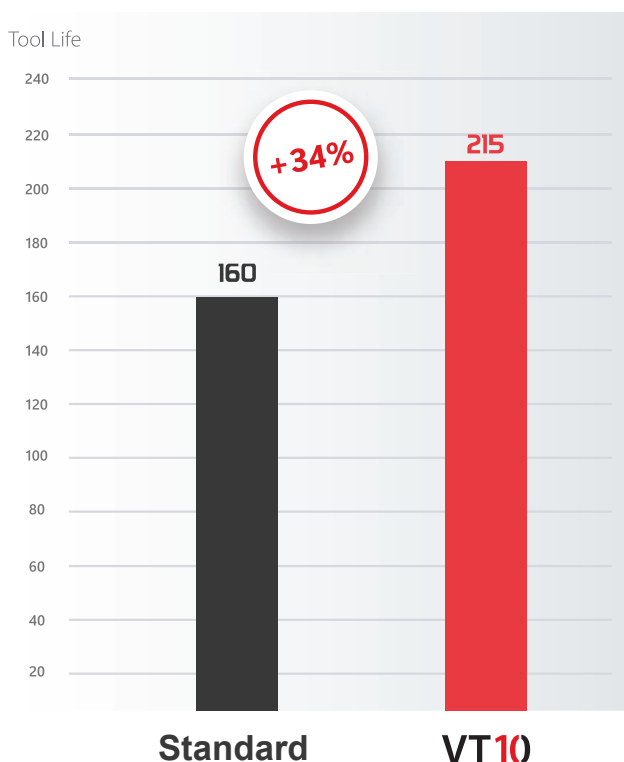
Cutting Data

Vc [m/min]: 130
No. of Passes: 8
Infeed Method: Modified Flank
Type of Pass: Constant Depth

Tool Life (threads per corner):

VT10: 182
Standard: 140

2 VT10 Performance Report with Stainless Steel



Material: 316L **M** Stainless Steel
Application: M30x1.5x40

Cutting Data

Vc [m/min]: 120
No. of Passes: 7
Infeed Method: Modified Flank
Type of Pass: Constant Volume

Tool Life (threads per corner):

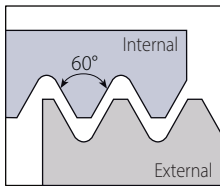
VT10: 215
Standard: 160

VT10 Grade

Improved Performance & Tool Life

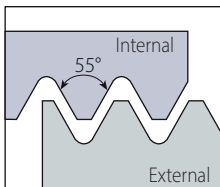
Initial Offering

Partial Profile 60°



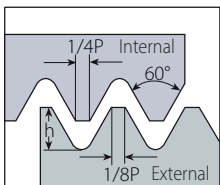
Item Number	Ordering Code	Market Description
021-08031	3ERA60VT10	16ERA60VT10
021-08015	3ERG60VT10	16ERG60VT10
021-08006	3ERAG60VT10	16ERAG60VT10
021-08016	3IRG60VT10	16IRG60VT10
021-08007	3IRAG60VT10	16IRAG60VT10

Partial Profile 55°



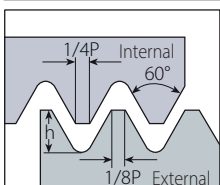
Item Number	Ordering Code	Market Description
021-08039	3ERAG55VT10	16ERAG55VT10
021-08046	3IRAG55VT10	16IRAG55VT10

ISO Metric | Defined by: R262 (DIN 13) | Tolerance class: 6g/6H



Item Number	Ordering Code	Market Description
021-08030	3ER0.5ISOVT10	16ER0.5ISOVT10
021-08035	3ER0.75ISOVT10	16ER0.75ISOVT10
021-08004	3ER1.0ISOVT10	16ER1.0ISOVT10
021-08011	3ER1.25ISOVT10	16ER1.25ISOVT10
021-08001	3ER1.5ISOVT10	16ER1.5ISOVT10
021-08044	3EL1.5ISOVT10	16EL1.5ISOVT10
021-08027	3ER1.75ISOVT10	16ER1.75ISOVT10
021-08002	3ER2.0ISOVT10	16ER2.0ISOVT10
021-08020	3ER2.5ISOVT10	16ER2.5ISOVT10
021-08010	3ER3.0ISOVT10	16ER3.0ISOVT10
021-08019	3IR1.0ISOVT10	16IR1.0ISOVT10
021-08003	3IR1.5ISOVT10	16IR1.5ISOVT10
021-08005	3IR2.0ISOVT10	16IR2.0ISOVT10
021-08028	3IR2.5ISOVT10	16IR2.5ISOVT10
021-08008	3IR3.0ISOVT10	16IR3.0ISOVT10

American UN | Defined by: ANSI B1.1:74 | Tolerance class: 2A/2B



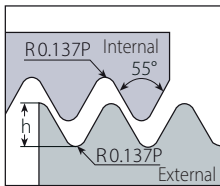
Item Number	Ordering Code	Market Description
021-08038	3ER24UNVT10	16ER24UNVT10
021-08022	3ER20UNVT10	16ER20UNVT10
021-08029	3ER18UNVT10	16ER18UNVT10
021-08017	3ER16UNVT10	16ER16UNVT10
021-08034	3ER14UNVT10	16ER14UNVT10
021-08018	3ER12UNVT10	16ER12UNVT10
021-08041	3IR16UNVT10	16IR16UNVT10
021-08023	3IR12UNVT10	16IR12UNVT10
021-08037	3IR8UNVT10	16IR8UNVT10

VT10 Grade

Improved Performance & Tool Life

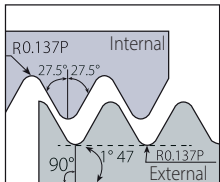
Initial Offering (con't)

Whitworth for BSW, BSP | Defined by: B.S.84:1956, DIN 259, ISO228/1:1982 | Tolerance class: Medium class A



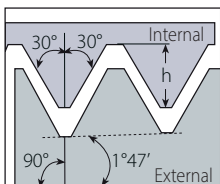
Item Number	Ordering Code	Market Description
021-08024	3ER19WVT10	16ER19WVT10
021-08009	3ER14WVT10	16ER14WVT10
021-08014	3ER11WVT10	16ER11WVT10
021-08012	3IR14WVT10	16IR14WVT10
021-08013	3IR11WVT10	16IR11WVT10

BSPT | Defined by: B.S.21:1985 | Tolerance class: Standard BSPT



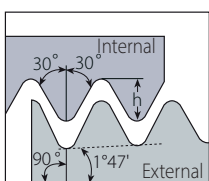
Item Number	Ordering Code	Market Description
021-08042	3ER14BSPTVT10	16ER14BSPTVT10
021-08036	3ER11BSPTVT10	16ER11BSPTVT10
021-08043	3IR14BSPTVT10	16IR14BSPTVT10
021-08033	3IR11BSPTVT10	16IR11BSPTVT10

NPT | Defined by: USAS B2.1:1968 | Tolerance class: Standard NPT

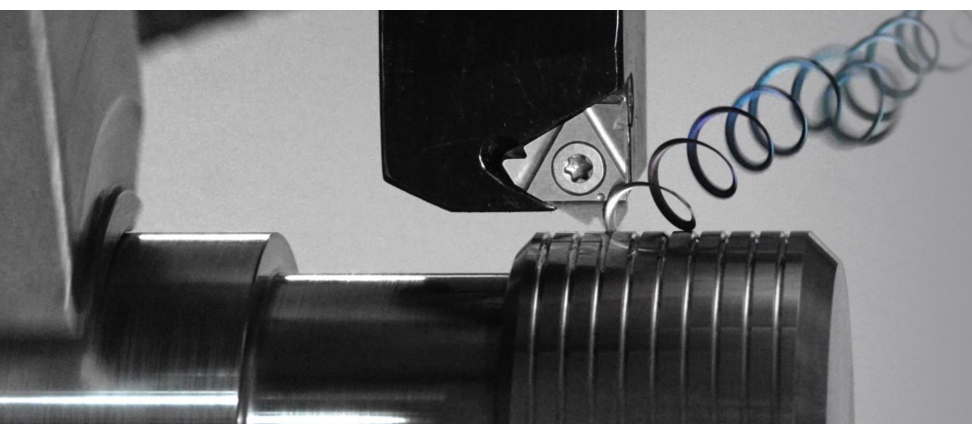


Item Number	Ordering Code	Market Description
021-08045	3ER18NPTVT10	16ER18NPTVT10
021-08025	3ER14NPTVT10	16ER14NPTVT10
021-08032	3ER11.5NPTVT10	16ER11.5NPTVT10
021-08026	3IR14NPTVT10	16IR11.5NPTVT10
021-08021	3IR11.5NPTVT10	16IR14NPTVT10

API Round Casing & Tubing | Defined by: API STD. 5B:1979 | Tolerance class: Standard API RD



Item Number	Ordering Code	Market Description
021-08040	3IR10APIRDVT10	16IR10APIRDVT10



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