

2nd half **2024** **PROMOTIONS**

AHB

TOOLING & MACHINERY

COMPLETE METALWORKING SOLUTIONS

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Leading in Innovation

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Valid from July 1st to December 15th, 2024

www.tungaloy.com/us

EFFICIENCY AND PROFITABILITY TO YOUR SMALL BORING OPERATIONS AS SMALL AS Ø0.6 MM

New SH725 PVD grade provides a good combination of wear and fracture resistance, ensuring long tool life and wear prediction.

BUY 4 solid carbide bars

AND

GET 1 corresponding sleeve

25 %
additional
discount!

Promo Code: TG212

Solid Carbide bars (Grade SH725):

J/TBTR/L...
J/TBPR...
J/TBUR...
J/TBCR...
J/TBBR...
J/TBIR...
J/TBSR...
J/TBRR...
J/TBFR/L...
J/TBGR/L...

Sleeve:

JBBS...
JBBS-4N



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INTERNAL GROOVING AND THREAD TURNING TOOL SERIES FOR BORES AS SMALL AS Ø5 MM (Ø0.197")

It offers unmatched precision and edge repeatability, thanks to its unique clamping system for rigid stability. Featuring the latest PVD insert grade, SH7025, for superior surface quality and process security.

BUY 10 inserts

AND

GET 1 corresponding toolholder

FREE
of charge!

Promo Code: TG213

Inserts (Grade SH7025):

MGR...
MTR...

Toolholder:

A/E-SMR...



MGR
Grooving



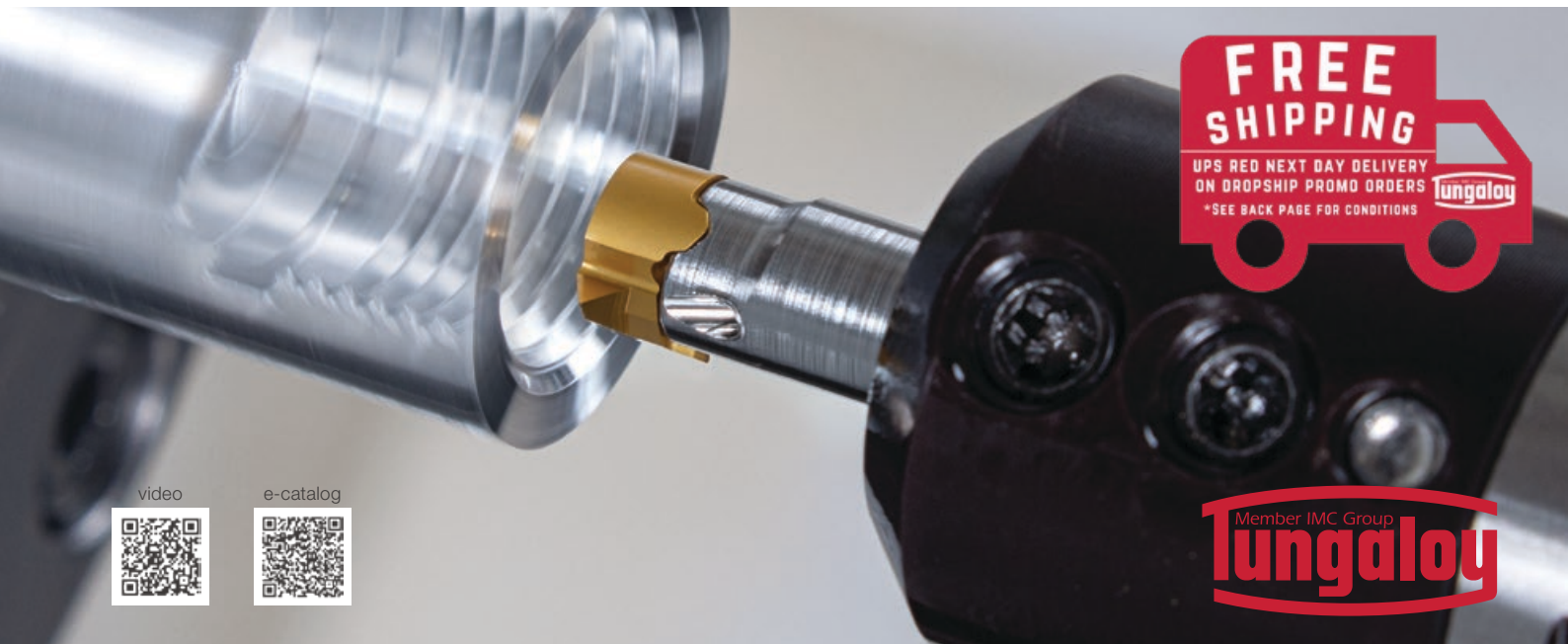
MGR
Profiling (Full R)



MTR
Threading



A/E-SMR...



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DEEP FACE GROOVING OF UP TO 10 MM (0.393") DAXN AND UP TO 9 MM (0.354") GROOVE DEPTH IS POSSIBLE

Extremely rigid insert clamping ensures tool stability during deep face grooving operations. Sharp cutting edge, combined with SH7025, the latest PVD grade, provides long tool life and superior surface quality.

BUY 10 inserts

AND

GET 1 corresponding toolholder

FREE
of charge!

Promo Code: TG214

Inserts (Grade SH7025):
MFGR...

Toolholder:
A-MFR10...



MFGR10



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DOUBLE-ENDED SMALL-SIZE INTERNAL GROOVING INSERTS WITH EXCEPTIONAL FEATURES

Enhanced chatter resistance is achieved through optimized screw placement, which strengthens the insert clamping capability. Larger pockets facilitate more effective and smooth chip evacuation.

BUY 20 inserts

AND

GET 1 corresponding head or toolholder

FREE
of charge!

Promo Code: TG215

Inserts:
DGS*S
DTR*S

Head:
S-CTIRS-H...

Toolholder:
CTIR**S



DGS*S

Lower cutting force and superior sharpness
CW = 0.079", 0.118"



DTR*S

Full radius type
CW = 0.079", 0.118"



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HIGH PRECISION GROOVING AND THREADING TOOL SERIES FOR CNC AUTOMATIC LATHES

Perfect for grooving and threading bar stocks of 0.472" (12 mm) or smaller diameters

BUY 10 inserts

AND

GET 1 toolholder

FREE
of charge!
Promo Code: TG216

BUY 10 inserts

AND

GET 1 CHP toolholder
or **1** CHP head

50 %
additional
discount!
Promo Code: TG216

Insert:

VGP08/10 (for Grooving)

CW = 0.013" - 0.039"

VGP08/10



VGT10F



Insert:

VGT10F (for Threading)

Pitch = 0.4 - 2 mm

TPI = 12 - 64

Cutting edge angle = 55°, 60°

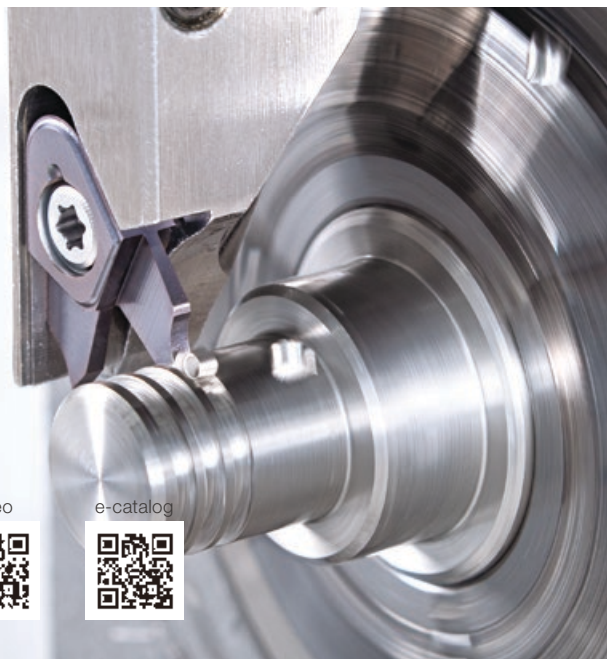
Toolholder:

SVER/L...

SVER/L-CHP...

Head:

QC-SVER/L-CHP...



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INNOVATIVE TURNING TOOL SERIES FOR CNC AUTOMATIC LATHES AND CAM-DRIVEN LATHES

Ideal for machining small parts of 0.472" (12 mm) or smaller diameters

BUY 10 inserts

AND

GET 1 toolholder

FREE
of charge!
Promo Code: TG217

Inserts:

JVPN**R/L (for Grooving and Parting-off)

CW = 0.020", 0.024", 0.031", 0.039" (0.5mm, 0.6mm, 0.8mm, 1mm)

JVFN45R/L (for Front Turning)

JVBN45/70 (Back Turning)*

JVTN (Threading)*

JVGN (Grooving)*

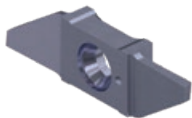
JVNR/L (Blank insert)

Toolholder:

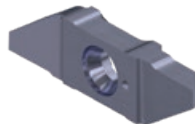
0606, 0707, 0808, and 1010 type

*available from Sept. 2024

JVPN**R/L



JVFN45R/L



JVNR/L



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HIGH FEED MILLING CUTTERS ENABLING LONG OVERHANG APPLICATIONS AND EXTENDED TOOL LIFE

Optimal depth of cut can be selected in machining various work materials

BUY 10 inserts per pocket up to max 50 inserts
AND
GET 1 Cutter

50 % additional discount!
Promo Code: TG218

Limited up to diameter 5" (125 mm)

Inserts (Grades: AH3135, AH3225, AH120, AH130 AH8015):

SWMT09/15**ZER
SWMT09/15**UER

Cutter bodies:

Bore type:
TXSW09/15
DCX = $\varnothing 1.5'' - \varnothing 5''$

Shank type:
EXSW09
DCX = $\varnothing 1'' - \varnothing 1.25''$

Modular type:
HXSW09
DCX = $\varnothing 25 - \varnothing 32$ mm



SWMT09/15ZER**
Max. depth of cut
- SWMT09**ZER: 0.059"
- SWMT15**ZER: 0.098"



SWMT09/15UER**
Max. depth of cut
- SWMT09**UER: 0.039"
- SWMT15**UER: 0.078"



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ULTIMATE HIGH FEED MILLING CUTTER SERIES FOR MAXIMUM PRODUCTIVITY

Small diameter high-feed milling cutter for expanded application coverage, featuring cutter bodies as small as $\varnothing 0.375''$

BUY 10 inserts per
AND pocket up to max 50 inserts
GET 1 Cutter

FREE
of charge!

Promo Code: TG219

Insert (Grades: AH3225, AH130, AH8015):

LNMU02

Cutter bodies:

Shank type:

EXN02R... (Short type)

EXN02R**L (Long type)

DCX = $\varnothing 0.375'' - \varnothing 1.000''$

$\varnothing 8 - \varnothing 25$ mm

Modular type:

HXN02-M/S

DCX = $\varnothing 0.375'' - \varnothing 0.750''$ **NEW** Inch Offering

$\varnothing 8 - \varnothing 25$ mm



LNMU02-MM

Double-sided,
4-edged insert
APMX = 0.020"



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COMPLETE SOLUTION FOR SHOULDER MILLING WITH OUTSTANDING PERFORMANCE AND COST-EFFECTIVE INSERTS

Economical shoulder milling cutter with 3 cutting edged insert with wide range of sizes, grades and diameters

BUY 10 inserts per pocket
 AND
GET 1 Cutter
 up to max 50 inserts

50 % additional discount!
 Promo Code: TG220

Limited up to diameter 5" (125 mm)

Insert (Grade: T1215, KS05F, T3225, AH8015, AH3135, AH3225, AH120):
 TO*T04/06/10/15 - MJ/MM/AJ/NMJ

Cutter bodies:

Bore type:

TPA06/10/15

DC = $\phi 1.5'' - \phi 5''$, $\phi 32 \text{ mm} - \phi 125 \text{ mm}$

Shank type:

EPA04/06/10/15

DC = $\phi 0.5'' - \phi 2''$, $\phi 8 \text{ mm} - \phi 50 \text{ mm}$

Modular type:

HPA06/10-M

DCX = $\phi 16 - \phi 32 \text{ mm}$



TO*T04
APMX 3.5 mm

TO*T06
APMX 0.236"

TO*T10
APMX 0.394"

TO*T15
APMX 0.590"



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EXCHANGEABLE HEAD DRILL SYSTEM FOR SUPERIOR DRILLING PERFORMANCE AND LONG TOOL LIFE

Quick drill tip change for reduced machine downtime.

Tool inventory and management costs are significantly reduced as there is no need for regrinding.

BUY 6 drill heads

AND

GET 1 drill body
up to 8xD

50 %
additional discount!
Promo Codes Below



DMP

Drill dia.:
ø0.236" - ø1.020"
ø6 mm - ø25.9 mm
General purpose drilling head ideal for various drilling applications



DMC

Drill dia.:
ø0.236" - ø1.020"
ø6 mm - ø25.9 mm
High precision drilling head with double-margined drill periphery and self-centering chisel edge

Drill heads (Grades: AH9130, KS15F):

DMP, DMC, DMF, DMH, DMN

Drill bodies:

TID-F (1.5xD, 3xD, 5xD, 8xD)

TID-R (3.5xD, 6xD, 8xD)

TID-R-E (2xD)

TIDC (3xD, 5xD)

TID-M (2xD, 3xD)

TID-S (2xD)

TID-L-A-M



DMF

Drill dia.:
ø0.236" - ø1.020"
ø6 mm - ø25.9 mm
180° flat edges for counterboring and flat bottoms



DMH

Drill dia.:
ø0.236" - ø1.020"
ø6 mm - ø25.9 mm
General purpose head with enhanced cutting edge



DMN

Drill dia.:
ø0.268" - ø0.768"
ø6.8 mm - ø19.5 mm
Drill head with sharp edges for non-ferrous materials

1.5xD - 2xD: Promo Code: TG222

3xD - 8xD: Promo Code: TG223

Modular Type Promo Code: TG224



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DRILL BODIES LINEUP



TIDC
Drill dia.:
ø0.335" - ø0.783"
ø8.5 - ø19.9 mm
3xD and 5xD

TID-F
Drill dia.:
ø0.394" - ø1.020"
ø6 mm - ø25.9 mm
1.5xD, 3xD, 5xD, 8xD

TID-R / TID-R-E
Drill dia.:
ø0.236" - ø0.787"
ø6 mm - ø19.9 mm
2xD, 3.5xD, 6xD, 8xD

MODULAR DRILL BODIES LINEUP



TID-M
Drill dia.:
ø0.236" - ø0.744"
ø6 - ø18.9 mm
2xD and 3xD
TungFlex connection

TID-S
Drill dia.:
ø0.256" - ø0.429"
ø6.5 - ø10.9 mm
2xD
TungMeister connection

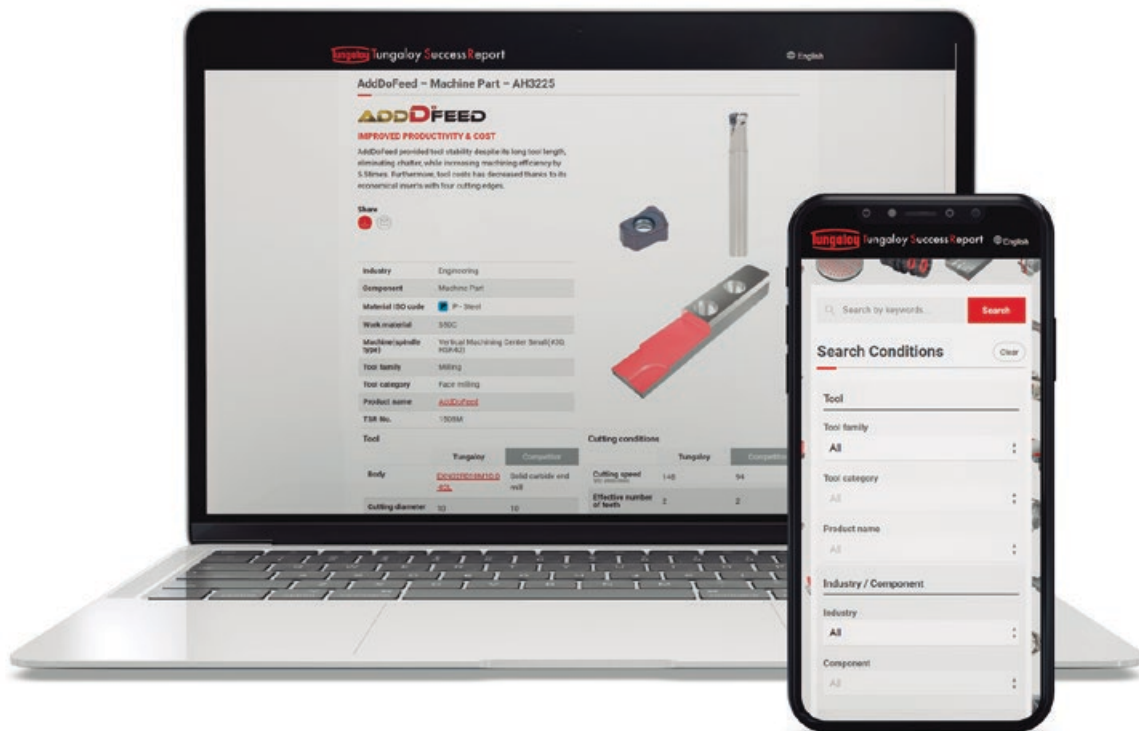


TID-L-A-M
Drill dia.:
ø0.256" - ø0.665"
ø6.5 - ø16.9 mm
TungFlex connection
Drilling+Chamfering /
pre-thread Drilling

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We invite you to visit the updated TSR platform and discover how Tungaloy's products have successfully met diverse challenges and delivered outstanding results. These reports can provide insights and inspiration for your own applications and projects, offering detailed solutions to succeed in various industrial fields.

Find applications that fit your current needs, elevate your productivity, and solve your production bottlenecks.



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FREE UPS RED Next Day Shipping Conditions:

Eligibility: Free UPS Red shipping is available for promotional orders shipped directly from the Tungaloy-NTK America warehouse to the end user within the continental U.S.

Deadline: Only orders placed before **September 30th** are valid for free shipping.

Stock Requirements: Promotional items must be in stock in the Tungaloy-NTK America warehouse, and the order must ship complete to qualify for the free shipping offer.

Order Contents: Orders must include promotional items only to qualify for free shipping.

Promo Code: Please use the specified Promo Code when placing orders.

Free shipping is available exclusively for orders processed through our customer service team before **September 30th**. To take advantage of this offer, please contact our customer service representatives at 800-991-4225.



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