

we improve...
we evolve...
we ADD



ADDFORCE PROMOTION

Valid from January 1, 2022 to June 30, 2022



www.tungaloy.com/us





SUPERB STABILITY AND PRODUCTIVITY FOR DEEP GROOVING AND PARTING-OFF OPERATIONS

ADD highly rigid self-clamping system to improve productivity in deep grooving and parting-off operations



AND

GET 1 blade

FREE of charge!

BUY 10 inserts and 1 block

GET 1 blade



*not fulfillable on webshop, must call customer service



QGM...

QGS...

CW = .079" ~ .197" (2 - 5 mm)

Grade:

AH7025

Blade:

QSG...

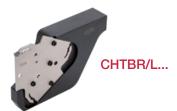
CW = .079" ~ .197" (2 - 5 mm)

Max cut-off diameters:

CUTDIA = Ø2.047", Ø3.228", Ø4.724" (Ø52, Ø82 and Ø120 mm)



H = 0.75", 1.00", 1.25" (20, 25 and 32 mm)





QGM
The first choice chipbreaker for grooving and parting-off



QSG...

QGS
Sharp cutting edge for lower cutting force







0.024" AND 0.031" (0.6 AND 0.8 MM)-WIDE PARTING INSERTS WITH PRESSED 3D CHIPBREAKER

ADD significant reduction of material waste for increased mass-production economy

BUY 20 inserts

GET 1 holder

of charge!

JSXXR/L...

BUY 20 inserts

GET 1CHP holder at

additional discount!

JSXXR/L**-S...

Inserts: JXPS06R/L06F CW = 0.024" (0.6 mm) JXPS12R/L08F CW = 0.031" (0.8 mm)

Grade: SH725

Toolholders: JSXXR/L... JSXXR/L**-S JSXXR/L**-CHP JSXXR**-S-CHP

H = 0.500", 0.625" (10, 12, 16 mm)





Innovative JXPS chipbreaker enables effective chip control







6-CORNER CBN INSERT FOR MORE RELIABLE, ECONOMICAL AND PRODUCTIVE I.D. TURNING OF HARD PARTS

ADD double-sided CBN inserts with WavyJoint brazing technology for light cutting action of positive inserts



GET 1 holder



Inserts:

6QS-WXGQ...

RE = 0.008" - 0.031" (0.2 - 0.8 mm)

6QS-WXGU**-HP

RE = 0.016", 0.031" (0.4, 0.8 mm)

Grades:

BXA20

BXA₁₀

Toolholders:

A-SWLXR/L...

DCONMS = Ø0.375" - Ø0.750" (Ø10 - Ø20 mm)

E-SWLXR/L...

DCONMS = Ø0.375" - Ø0.750" (Ø10 - Ø20 mm)



6QS-WXGQ...

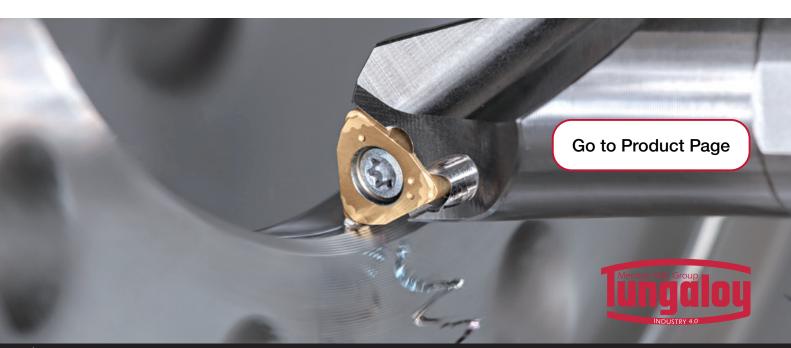
Double-sided insert with six positive cutting edges for excellent cost-per-edge economy for reduced tool cost.



6QS-WXGU**-HP

The HP chipbreaker provides excellent surface quality and good chip control.











NEW SOLID CARBIDE BORING BARS & SLEEVE WITH 4 PERIPHERAL COOLANT JETS FOR MAXIMUM PRODUCTIVITY AND ECONOMY

ADD wear and chipping resistant SH725 for long and predictable tool life



AND

GET 1 sleeve



JBBS**-4N

Solid bars: Sleeve: TBTR/L... JBBS**-4N

TBPR... DCONMS = Ø0.5" - Ø1.0" (Ø12 - Ø25.4 mm)

TBUR... DCONWS = Ø4, Ø7 mm

TBCR...

TBBR...
TBIR...

TBRR...

TBFR...

TBSR...

TBGR...

DMIN = Ø1 - 15 mm

Grade: SH725





MOĐUMŤURN

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INNOVATIVE MODULAR HEAD SYSTEM FOR SWISS MACHINES

ADD flexibility and productivity to your swiss turning operations



GET 1head



QC12**Y-CHP



GET 1CHP head at

50 % additional discount!





WXGU...

DXMU...





DXGU...

VXGU...





TCP...

J10ER...

Heads: QC12...

QC12**-CHP

QC12**-Y

QC12**-Y-CHP

Inserts:

DXGU..., DXMU..., VXGU..., WXGU... TCL18R..., TCS18R..., TCP18R/L... TCT18F/R/L..., TCG18R/L..., J10ER...

Grades:

AH725, AH7025, AH8015, NS9530 KS05F, GT9530, J9530, J740, SH725,

*Promotion applicable grades depend on insert shape.



TCL...



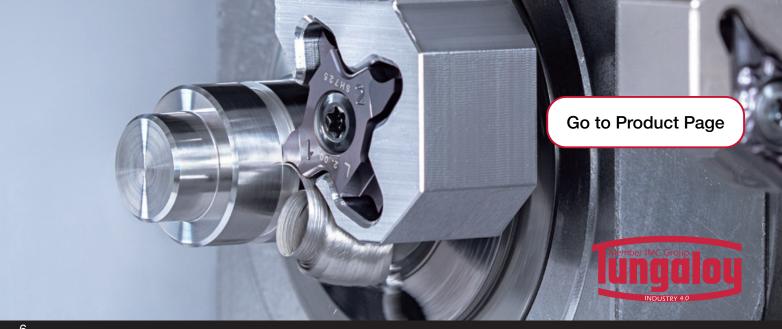
TCS...



TCG...



TCT...







ZF AND ZM CHIPBREAKERS FOR EXCELLENT CHIP CONTROL IN PROFILING AND TURNING WITH VARYING DEPTHS

ADD small-sized turning inserts for better insert economy and incomparable performances



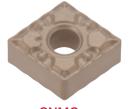
20 %
additional
discount!
Promo code: TG140

Inserts:

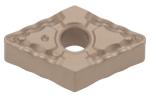
CNMG 33*E-ZF/ZM DNMG 33*E-ZF/ZM VNMG 2.33*E-ZF/ZM WNMG 33*E-ZF/ZM

Grades: T9215

T9225







DNMG...



VNMG...



WNMG...



DOFEED

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VERSATILE HIGH-FEED MILLING CUTTER SERIES NOW OFFERS SIZE-03 **UER** INSERTS FOR EXOTIC MATERIALS

ADD low approach angles for longer tool life in difficult-to-cut materials



GET 1 cutter





LNMU03UER...

Double-sided insert with 4 cutting edges

Insert:

LNMU03UER-ML/MJ

APMX = 0.035" (0.9 mm)

Grade:

AH130

AH3225

AH8015



TXN03...

DCX = Ø1.50" - Ø2.00"



TXN03...

Modular type:

HXN03... (with center through coolant hole)

DCX = Ø16 - Ø32 mm

HXN03**-C (with coolant directly to the tool tips)

DCX = Ø16 - Ø40 mm

Shank type:

EXN03... (Short type, with center through coolant hole)

DCX = Ø0.625" - Ø1.250"

EXN03-L** (Long type, with center through coolant hole)

DCX = Ø0.625" - Ø1.250"

EXN03**-C (Short type, with coolant directly to the tool tips)

DCX = Ø0.750" - Ø1.250" (Ø16 - Ø40 mm)

EXN03**-L-C (Long type, with coolant directly to the tool tips)

DCX = Ø16 - Ø40 mm

EXN03**-N (Short type, without coolant hole)

DCX = Ø16 - Ø32 mm











HIGH PERFORMANCE AND PROFITABILITY IN HIGH-FEED MILLING OPERATIONS

ADD more cutting edges per insert to your machining operations



GET 1 cutter

Insert:

WXMU03-MM

APMX = 0.039"

Grades:

AH3225

AH8015

Bore type: TXWX03...

DCX = Ø1.50", Ø2.00"





Shank type:

EXWX03... (Short type)

DCX = Ø0.625" - Ø1.250"

EXWX03**L (Long type)

DCX = Ø0.625" - Ø1.250"

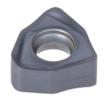
Modular type:

HXWX03...

DCX = Ø16 - Ø32 mm



TXWX03...



WXMU03-MM
Economical doublesided inserts with six
cutting edges









NEW SIZE -04 INSERTS FOR ENHANCED SHOULDER MILLING CAPABILITY

ADD a broadened range of unique V-bottom shape inserts for higher productivity





Insert:

AVMT04-MM

APMX = 0.157" (4 mm)

Grades: AH120 AH3225

Shank type:

EPAV04... (Short type)

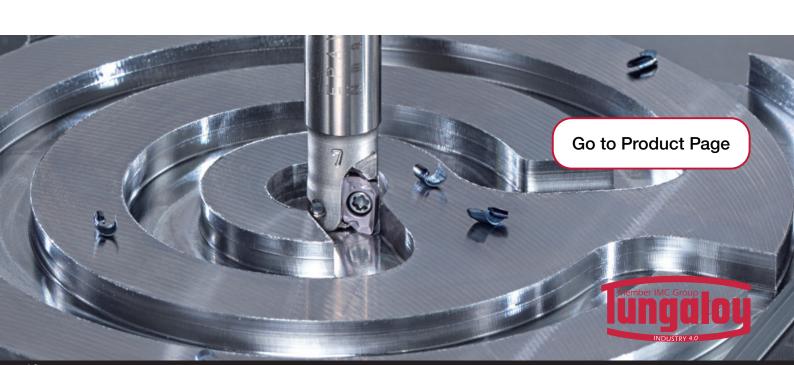
DC = Ø6 - Ø16 mm

EPAV04**L (Long type)

 $DC = \emptyset 8 - \emptyset 16 \text{ mm}$











ALL-ROUND CUTTER WITH CENTER CUTTING CAPABILITY FOR ULTIMATE MACHINING VERSATILITY

— FROM SHOULDER MILLING TO HOLE MAKING

ADD high cost-per-edge economy with four-edged inserts

BUY 10 inserts per pocket

AND

GET 1 cutter

FREE of charge!



LXMU**-MM

Four total cutting edges for highest insert economy

Insert:

LXMU08/10/12-MM

APMX =0.276" - 0.433" (7 - 11 mm)

Grades: AH3225 AH8015 AH120

Shank type:

EVLX08/10/12... (Short type)

DC = Ø0.625" - Ø1.00" (Ø16 - Ø25 mm)

EVLX08/10/12L** (Long type)

DC = Ø0.625" - Ø1.00" (Ø16 - Ø26 mm)

Modular type: HVLX08/10/12...DC = Ø16 - Ø25 mm



HVLX...







AH3225 GRADE FOR IMPROVED MACHINING EFFICIENCY AND ECONOMY

ADD long and predictable tool life with face milling cutters with economical 10 edged inserts









PN**U09...

Double sided pentagonal insert

Inserts:

PNMU09-MJ

APMX = 6.4 mm

PNCU09**-MJ/ML

APMX = 6.4 mm

Grade:

AH3225

Bore type:

TEN09R/L...

DC = Ø2.00" - Ø5.00" (Ø50 - Ø125 mm)

Shank type: EEN09...

 $DC = \emptyset 1.25$ " - $\emptyset 1.50$ " ($\emptyset 32 - \emptyset 80$ mm)



TEN09R/L...









LATEST AH3225 GRADE MAXIMIZES YOUR PRODUCTIVITY AND PROFITS IN SHOULDER **MILLING**

ADD exceptional reliability and long tool life in steel machining



GET 1 cutter







TNMU07...

1st choice versatile geometry with good surface finish

Inserts:

TNMU07**-MJ

APMX = 0.256" (6.5 mm)

TNMU12**-MJ/NMJ

APMX = 0.433" (11 mm)

TNMU12**R**-MJ

APMX = 0.433" (11 mm)

TNGU12**R**-MJ

APMX = 0.433" (11 mm)

Grade:

AH3225

Bore type:

TPTN07...

DC = Ø2.00" (Ø40, Ø50) mm

TPTN12...

DC = Ø2.00" - Ø5.00" (Ø50 - Ø125 mm)

Shank type:

EPTN07... (Short type)

 $DC = \emptyset 0.75$ " - $\emptyset 1.25$ " ($\emptyset 18 - \emptyset 32$ mm)

EPTN07**L (Long type)

DC = Ø0.787", Ø1.00" (Ø20, Ø25 mm)

EPTN12...

DC = Ø1.25" - Ø1.50" (Ø32, Ø40 mm)

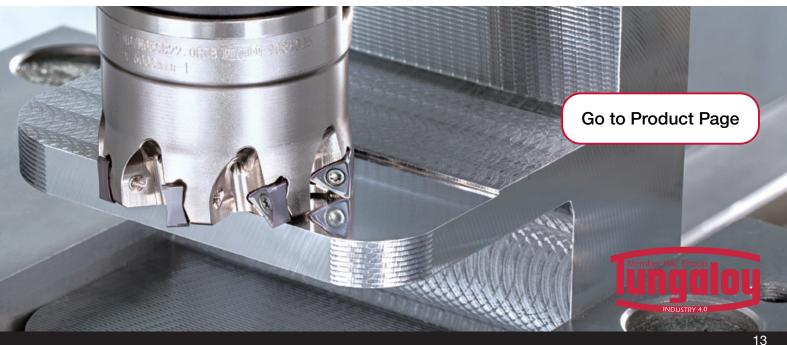




TNGU12...

For close tolerance









WORLD'S SMALLEST EXCHANGEABLE HEAD DRILL SERIES

ADD superb performance in small drilling operations



GET 1drill body of 3xD at

50 % additional discount!

BUY 6 heads

GET 1 drill body of 5xD at

50 % additional discount!



Drill heads:

DMP... (AH725)

DC = Ø0.157" - Ø0.232" (Ø4 - Ø5.9 mm)

DMC... (AH9130)

DC = Ø0.157" - Ø0.232" (Ø4 - Ø5.9 mm)

DMC High precision drilling head with quick centering cutting edge style



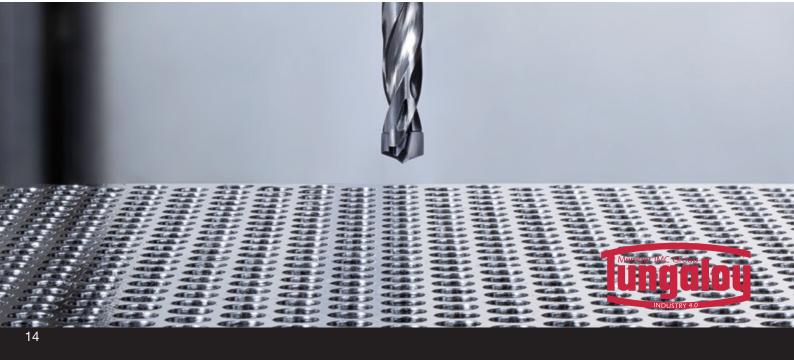
General purpose drilling head ideal for various drilling applications

Drill body:

TID-R...

L/D = 3.5

DC = Ø0.157" - Ø0.232" (Ø4 - Ø5.9 mm)



DRILLMEIST

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EXCHANGEABLE HEAD DRILL SYSTEM IMPROVES PRODUCTIVITY

ADD new head geometries and innovative AH9130 grade for excellent cutting performance and tool life. Significantly reduced tool change time thanks to simple and easy clamping system

BUY 4 drill heads

GET 1 drill body of 1.5xD at

Promo code: TG152

DMH General purpose head with enhanced cutting edge



180° flat edges for counterboring and flat bottoms

*Promotion applicable for DMH and DMF heads only

BUY 4 drill heads

GET 1 drill body of 3 - 3.5xD at

0/ additional **0** discount!

Promo code: TG153

BUY 6 drill heads

GET 1 drill body of 5 - 6xD at

additional discount! Promo code: TG154

BUY 8 drill heads

GET 1 drill body of 8xD at

additional discount! Promo code: TG155



TID-R...

Grade: AH9130 Drill head:

DMH...

(10 - ø19.5 mm)

 $DC = \emptyset 0.394$ " - $\emptyset 0.768$ " $DC = \emptyset 0.236$ " - $\emptyset 1.020$ " (ø6 - 25.9 mm)

Drill bodies: TID-F...

L/D = 1.5, 3, 5, 8

(ø6 - ø25.9 mm)

TID-R... L/D = 3.5, 6, 8

TID-F...

TIDC... L/D = 3, 5 $DC = \emptyset 0.236" - \emptyset 1.020"$ $DC = \emptyset 6 - \emptyset 19.9 \text{ mm}$ $DC = \emptyset 7.5 - \emptyset 19.9 \text{ mm}$





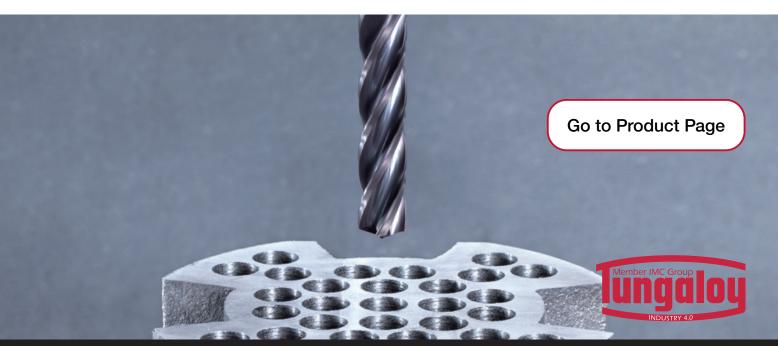




4-FLUTE SOLID DRILLS FOR EXCEPTIONAL PERFORMANCE

ADD 4 cutting edges for highly productive drilling and longer tool life





Worldwide Network



Tungaloy Corporation (Head office)

11-1 Yoshima-Kogyodanchi lwaki-city, Fukushima 970-1144 Japan Phone: +81-246-36-8501 Fax: +81-246-36-8542 www.tungaloy.co.jp

Tungaloy America, Inc.

3726 N Ventura Drive Arlington Heights,IL 60004, U.S.A. Phone: +1-888-554-8394 Fax: +1-888-554-8392 www.tungaloy.com/us

Tungaloy Canada

432 Elgin St. Unit 3 Brantford, Ontario N3S 7P7, Canada Phone: +1-519-758-5779 Fax: +1-519-758-5791 www.tungalov.com/ca

Tungaloy de Mexico S.A.

C Los Arellano 113, Parque Industrial Siglo XXI Aguascalientes, AGS, Mexico 20290 Phone: +52-449-929-5410 Fax: +52-449-929-5411 www.tungaloy.com/mx

Tungaloy do Brasil Ltda.

Avd. Independencia N4158 Residencial Flora 13280-000 Vinhedo, São Paulo, Brasil Phone: +55-19-38262757 Fax: +55-19-38262757 www.tungaloy.com/br

Tungaloy Germany GmbH

An der Alten Ziegelei 1 D-40789 Monheim, Germany Phone: +49-2173-90420-0 Fax: +49-2173-90420-19 www.tungaloy.com/de

Tungaloy France S.A.S.

ZA Courtaboeuf - Le Rio 1 rue de la Terre de feu F-91952 Courtaboeuf Cedex, France Phone: +33-1-6486-4300 Fax: +33-1-6907-7817 www.tungaloy.com/fr

Tungaloy Italia S.r.I.

Via E. Andolfato 10 I-20126 Milano, Italy Phone: +39-02-252012-1 Fax: +39-02-252012-65 www.tungaloy.com/it

Tungaloy Czech s.r.o.

Turanka 115 CZ-627 00 Brno, Czech Republic Phone: +420-532 123 391 Fax: +420-532 123 392 www.tungaloy.com/cz

Tungaloy Ibérica S.L.

C/Miquel Servet, 43B, Nau 7 Pol. Ind. Bufalvent ES-08243 Manresa (BCN), Spain Phone: +34 93 113 1360 Fax: +34 93 876 2798 www.tungaloy.com/es

Tungaloy Scandinavia AB

Bultgatan 38 442 40 Kungälv, Sweden Phone: +46-462119200 Fax: +46-462119207 www.tungaloy.com/se

Tungaloy Rus, LLC

Andropova avenue, h.18/7, 11 floor, office 3, 115432, Moscow, Russia Phone: +7-499-683-01-80 Fax: +7-499-683-01-81 www.tungaloy.com/ru

Tungaloy Polska Sp. z o.o.

UI. Irysowa 1, 55-040 Bielany Wrocławskie, Poland Phone: +48 607 907 237 www.tungaloy.com/pl

Tungaloy U.K. Ltd

Gallan Park, Watling Street, Cannock, WS110XG, UK Phone: +44 121 4000 231 Fax: +44 121 270 9694 www.tungaloy.com/uk

Tungaloy Hungary Kft

Erzsébet királyné útja 125 H-1142 Budapest, Hungary Phone: +36 1 781-6846 Fax: +36 1 781-6866 www.tungaloy.com/hu

Tungaloy Turkey

Serifali Mah.bayraktar Bulvari Kule Sk. No:26 34775 Umraniye / Istanbul / Turkey Phone: +90 216 540 04 67 Fax: +90 216 540 04 87 www.tungaloy.com/tr

Tungaloy Benelux b.v.

Tjalk 70 NL-2411 NZ Bodegraven, Netherlands Phone: +31 172 630 420 Fax: +31 172 630 429 www.tungaloy.com/nl

Tungaloy Croatia

Ulica bana Josipa Jelačića 87, 10430, Samobor, Croatia Phone: +385 1 3326 604 Fax: +385 1 3327 683 www.tungaloy.com/hr

Tungaloy Cutting Tool (Shanghai) Co.,Ltd.

Rm No 401 No.88 Zhabei Jiangchang No.3 Rd Shanghai 200436, China Phone: +86-21-3632-1880 Fax: +86-21-3621-1918 www.tungaloy.com/cn

Tungaloy Cutting Tools (Taiwan) Co.,Ltd.

9F. No.293, Zhongyang Rd, Xinzhuang Dist, New Taipei City, 24251 Taiwan Phone: +886-2-8521-9986 Fax: +886-2-8521-8935 www.tungaloy.com/tw

Tungaloy Cutting Tools (Thailand) Co.,Ltd.

Interlink tower 4th FI. 1858/5-7 Bangna-Trad Road km.5 Bangna, Bangna, Bangkok 10260 Thailand Phone: +66-2-751-5711 Fax: +66-2-751-5715

Tungaloy Singapore (Pte.), Ltd.

62 Ubi Road 1, #06-11 Oxley BizHub 2 Singapore 408734 Phone: +65-6391-1833 Fax: +65-6299-4557 www.tungaloy.com/sg

Tungaloy Vietnam

www.tungaloy.com/th

LE04.38, Lexington Residence 67 Mai Chi Tho St., Dist. 2, Ho Chi Minh City, Vietnam Phone: +84-2837406660 www.tungaloy.com/sg

Tungaloy India Pvt. Ltd.

One International Center, Unit # 902-A, 9th Floor, Tower 1, Senapati Bapat Marg, Elphinstone Road (West), Mumbai -400013, India Phone: +91-22-6124-8804 Fax: +91-22-6124-8899 www.tungaloy.com/in

Tungaloy Korea Co., Ltd

#1312, Byucksan Digital Valley 5-cha Beotkkot-ro 244, Geumcheon-gu 153-788 Seoul, Korea Phone: +82-2-2621-6161 Fax: +82-2-6393-8952 www.tungaloy.com/kr

Tungaloy Malaysia Sdn Bhd

50 K-2, Kelana Mall, Jalan SS6/14 Kelana Jaya, 47301 Petaling Jaya, Selangor Darul Ehsan Malaysia Phone: +603-7805-3222 Fax: +603-7804-8563 www.tungaloy.com/my

Tungaloy Australia Pty Ltd

Unit 68 1470 Ferntree Gully Road Knoxfield 3180 Victoria, Australia Phone: +61-3-9755-8147 Fax: +61-3-9755-6070 www.tungaloy.com/au

PT. Tungaloy Indonesia

Kompleks Grand Wisata Block AA-10 No.3-5 Cibitung Bekasi 17510, Indonesia Phone: +62-21-8261-5808 Fax: +62-21-8261-5809 www.tungaloy.com/id





3726 Ventura Dr. Arlington Heights, IL 60004 www.tungaloy.com/us

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