

GrooveLine

EASYMCUT^{ULTI}

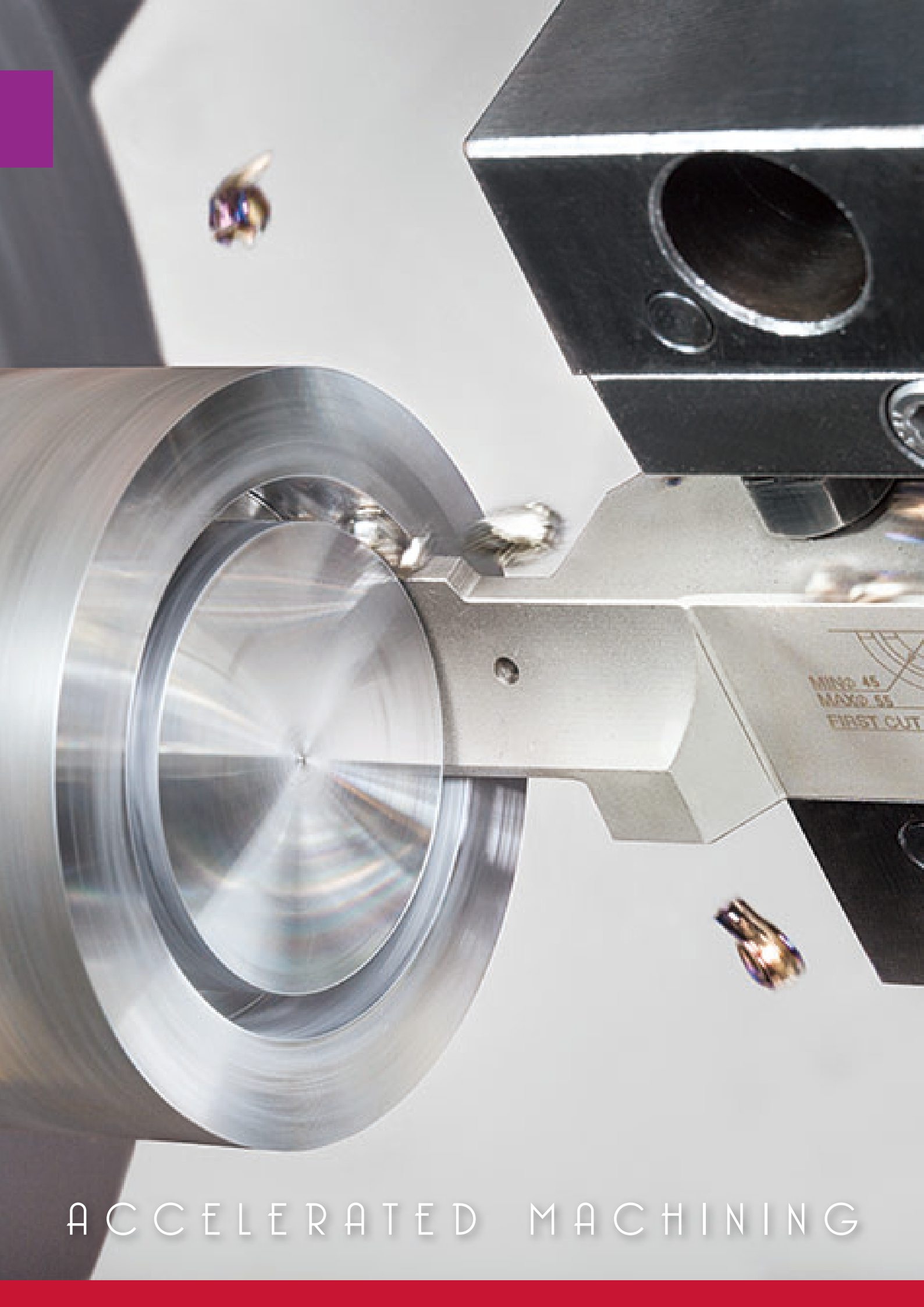
www.tungaloy.com

Tungaloy Report No. 424-G

EASYMULTI-CUT

The most efficient multi-functional tool
for parting-off, grooving, and turning operations





MIND: 45
MAX: 55
FIRST CUT

A C C E L E R A T E D M A C H I N I N G



GrooveLine

EASYM^{ULTI}CUT
TUNGALOY

TUNG FORCE
ROOVE
ACCELERATED MACHINING

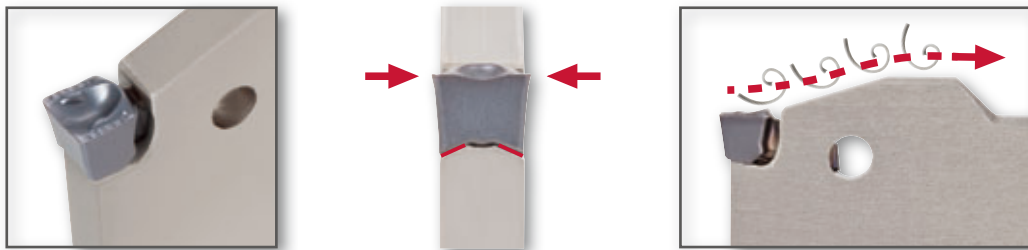


Unique self-clamping system increases tool rigidity, resulting in excellent performance with high machining conditions.

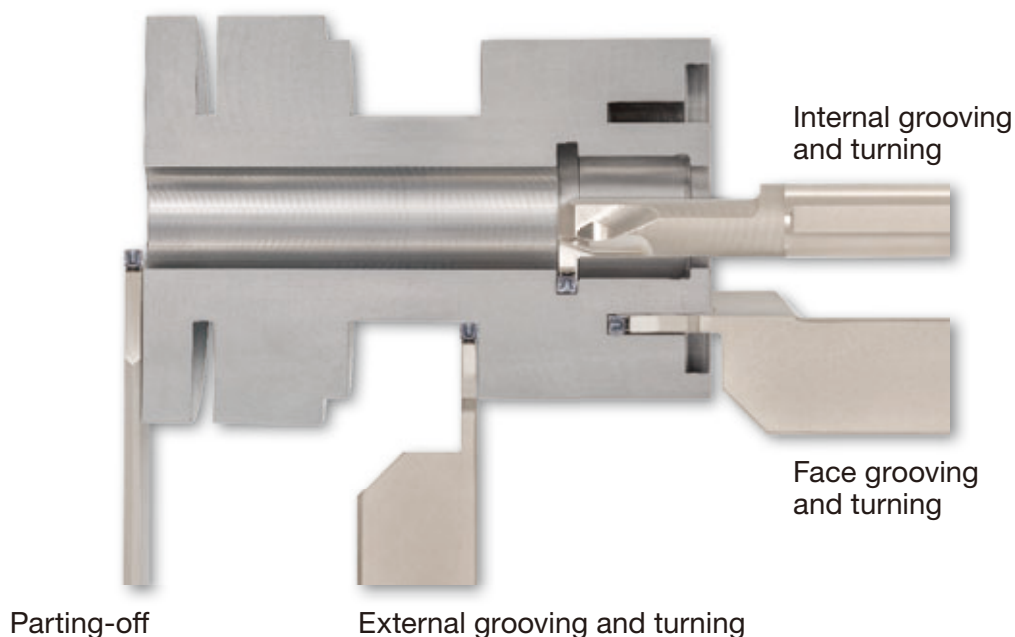
The insert's secure & unique clamping guarantees reliable machining in grooving and turning

Unique insert clamping

- Easy indexing with highly reliable insert fixation
- High stability against side force
- Smooth chip flow in the groove due to the simple structure



One type of the insert can be used for **parting-off, external / internal / face grooving and turning applications.**



2 types of chipbreakers for the wide application range

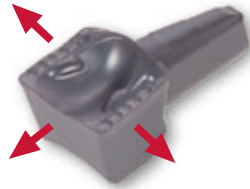
ETX type

Grooving & Turning

Width: 4, 5, 6 mm

Grade: AH725

- Optimized protrusion smoothly controls chips in grooving and turning.



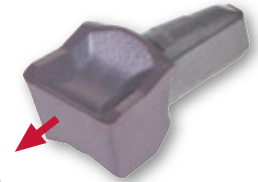
EGM type **New**

Grooving & Parting-off

Width: 4 mm

Grade: AH725

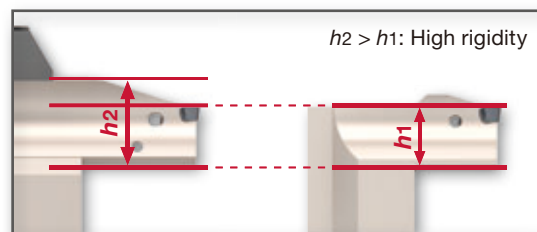
- Deep dimple makes chips narrower than the groove width for easy evacuation.
- Straight cutting edge makes the bottom of the machined groove flat.



New

Face blade and tool block

- **Adjustable overhang** (Max. length = 65 mm)
- Easy setting with engraved scale
- Excellent performance in grooving and turning with high productivity
- Blade's high rigidity due to its tall dimension ($h_2 > h_1$) allows deep face grooving



Face blade

Mono block

New

CHP type toolholders for high-pressure coolant

- The coolant is directed to the cutting edge, resulting in improved chip control and long tool life.

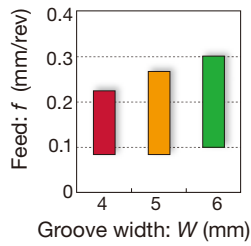


APPLICATION RANGE FOR INSERTS

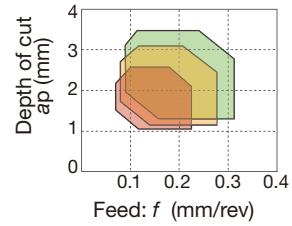
ETX type



■ Standard feed for grooving



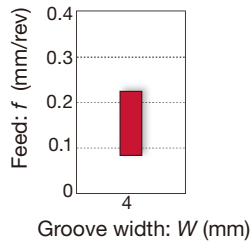
■ Standard feed and depth of cut for turning



EGM type



■ Standard feed for grooving



Insert	Application						
	Grooving			Parting-off	Turning		
	External	Internal	Face		External	Internal	Face
ETX	●	●	●	●	●	●	●
EGM	●	●		●			

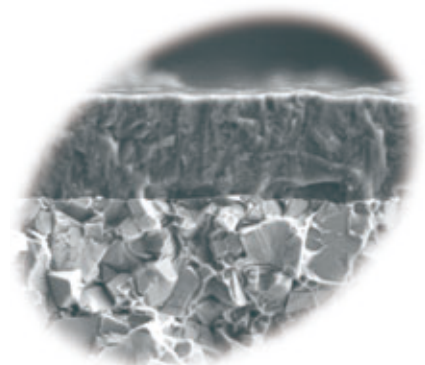
GRADE

AH725

P Steel
M Stainless

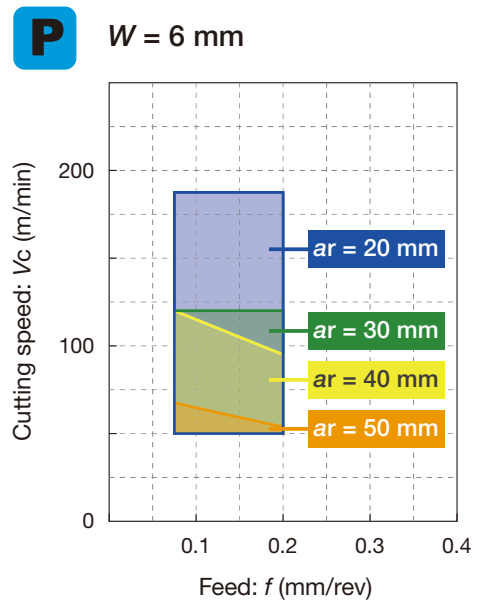
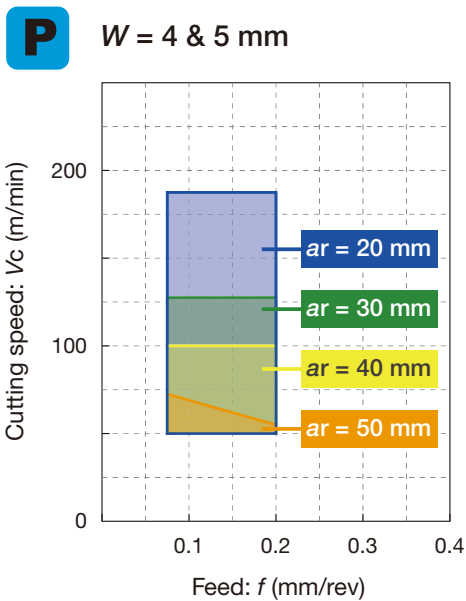
PREMIUM G/TEC FORCE

- Versatile PVD grade suitable for a wide range of workpiece materials
- Excellent balance between wear and fracture resistance

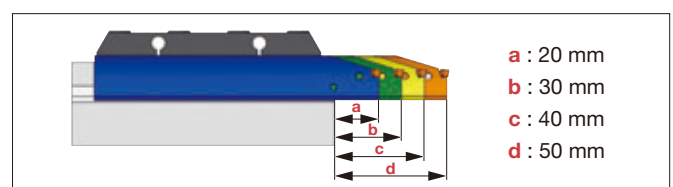
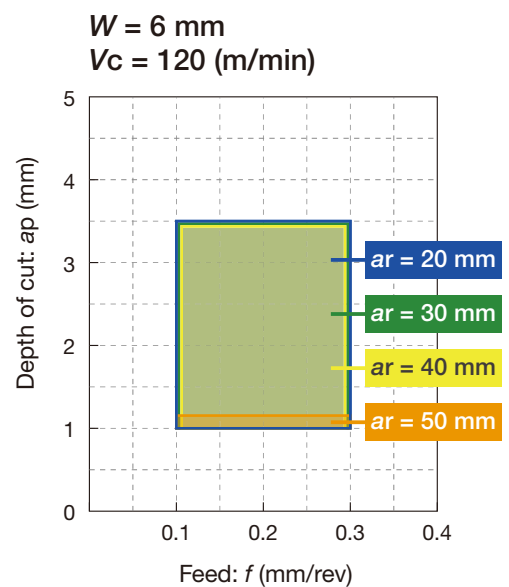
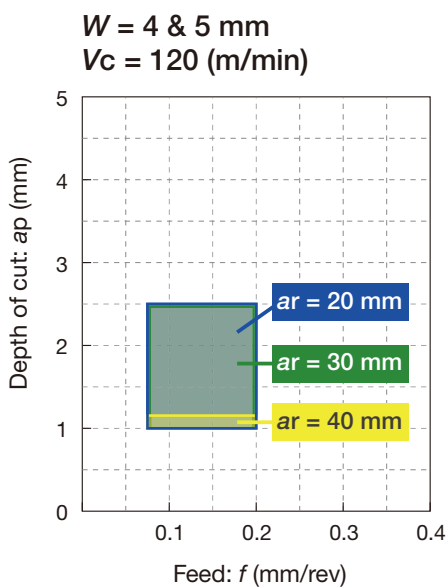


APPLICATION RANGE FOR NEW FACE BLADE

Grooving



Turning



CUTTING PERFORMANCE

Chip control - ETX type

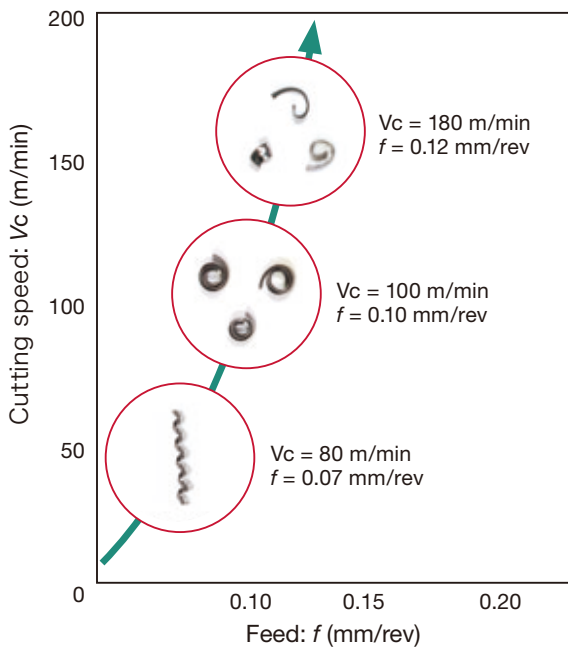


Face grooving

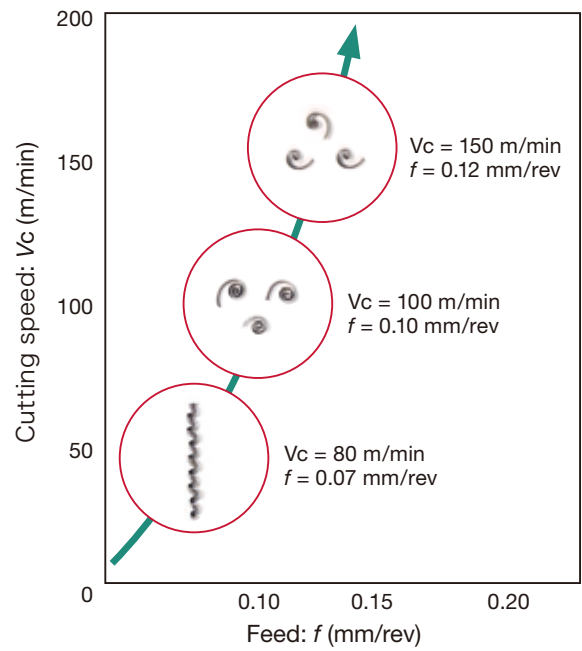
Insert : ETX4-040
Groove width : $W = 4$ mm

Coolant : Wet

P Carbon steel
(S45C / C45)



M Stainless steel
(SUS304 / X5CrNi18-9)

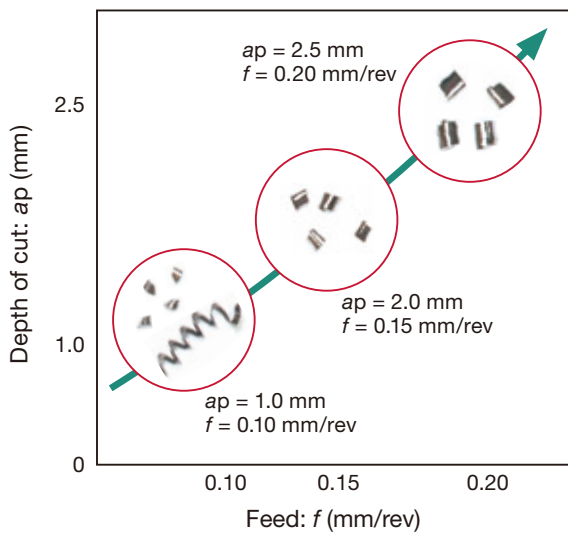


Face turning

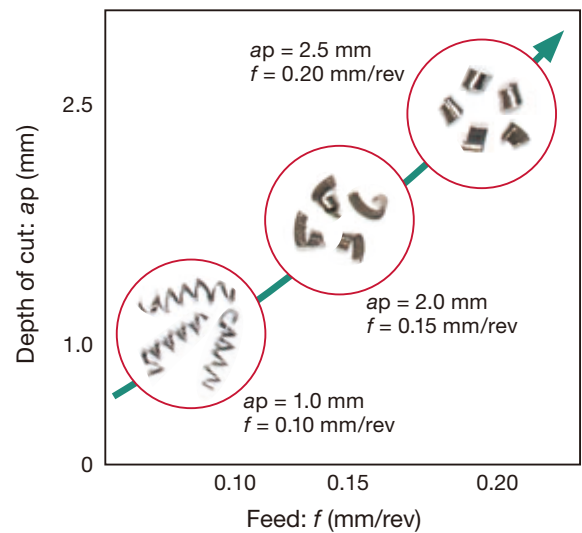
Insert : ETX4-040
Cutting speed : $V_c = 120$ m/min

Coolant : Wet

P Carbon steel
(S45C / C45)



M Stainless steel
(SUS304 / X5CrNi18-9)



Chip control - EGM type



Parting-off (ø50mm)

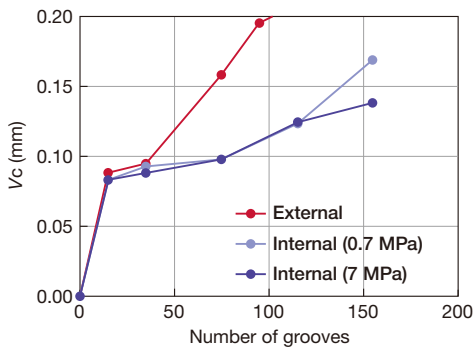
Insert : EGM4-030
Groove width : $W = 4$ mm

Workpiece material : SCM440

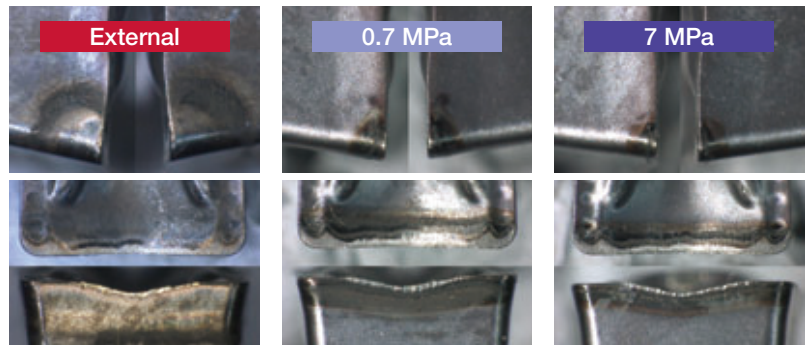
160 m/min			
80 m/min			
V_c / f	0.1 mm/rev	0.15 mm/rev	0.2 mm/rev

Tool life - Machining with high-pressure coolant

P SCM440



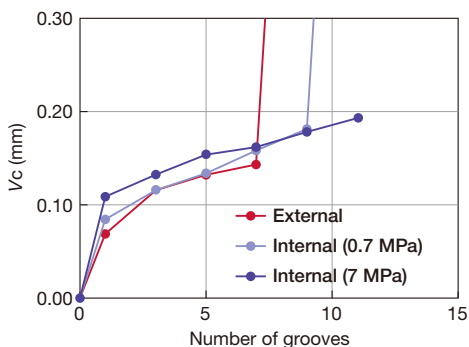
After machining 100 grooves



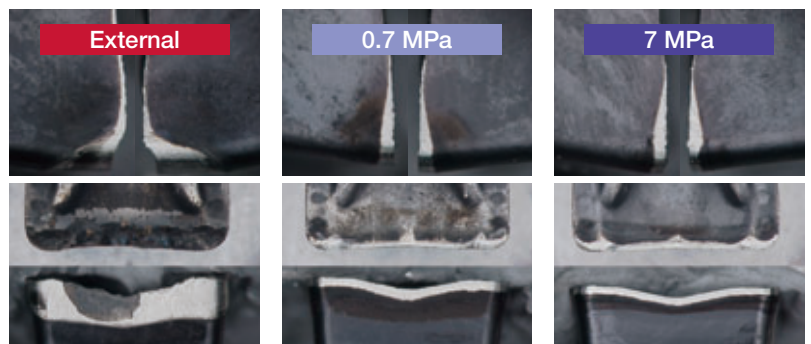
Toolholder : EGP32-4D-CHP + CTBU25-32-CHP
Insert : ETX4-040 / AH725
Workpiece material : SCM440 / 42CrMo4 (ø120)

Groove width : $W = 4$ mm
Groove depth : 25 mm
Cutting speed : 160 m/min
Feed : 0.15 mm/rev

S Inconel 718



After machining 7 grooves



Toolholder : EGP32-4D-CHP + CTBU25-32-CHP
Insert : ETX4-040 / AH725
Workpiece material : SCM440 / 42CrMo4 (ø120)

Groove width : $W = 4$ mm
Groove depth : 25 mm
Cutting speed : 160 m/min
Feed : 0.15 mm/rev

MAX GROOVE DEPTH

Comparison of face grooving depth (Mono block type)



Type	Groove width: W (mm)	Max. groove depth: ar (mm)
EASYMCUT^{ULTI} Conventional	6	32
EASYMCUT^{ULTI} Conventional	5	25
EASYMCUT^{ULTI} Conventional	4	20

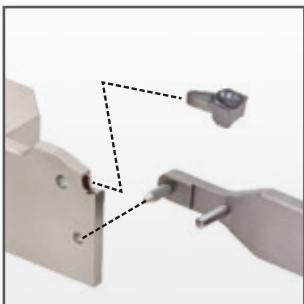
Comparison of external grooving depth (Mono block type)



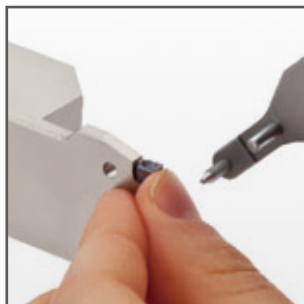
Type	Groove width: W (mm)	Max. groove depth: ar (mm)
EASYMCUT^{ULTI} Conventional	6	35
EASYMCUT^{ULTI} Conventional	5	32
EASYMCUT^{ULTI} Conventional	4	25

PROCEDURE TO CLAMP AND UNCLAMP INSERTS

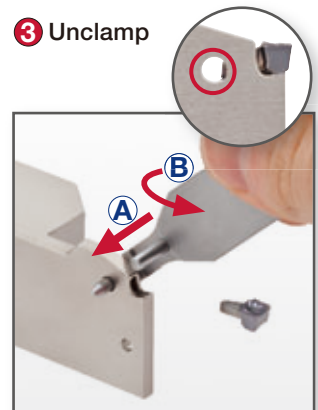
1 Put the insert in the pocket



2 Turn the wrench and push the insert into the pocket to clamp



3 Unclamp



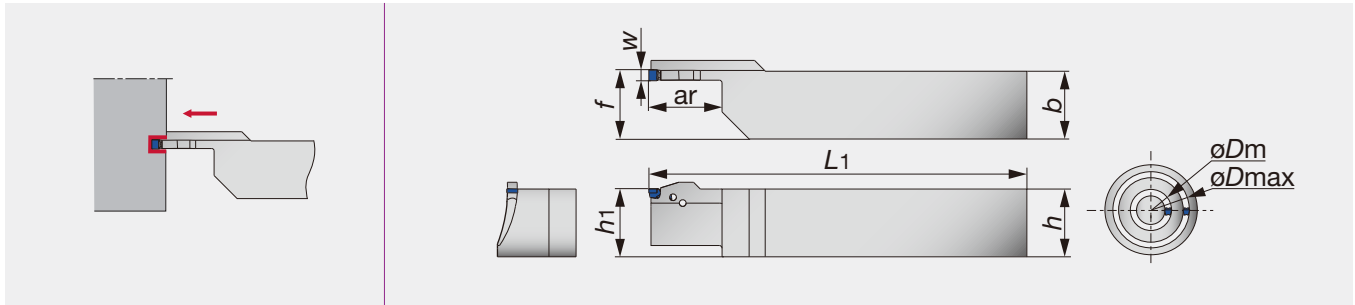
A Twist the wrench

B Push out the insert from the pocket to unclamp

Toolholders for face grooving & turning

TOOLHOLDERS - FOR FACE GROOVING

EasyMulti-Cut ETFR/L



Right-hand (R) shown.

Designation	W	øD _m	øD _{max}	ar	h ₁	b	h	L ₁	f	Insert
ETFR/L2020-4T15-030035	4	30	35	15	20	20	20	125	20.5	E**4...
ETFR/L2525-4T15-030035	4	30	35	15	25	25	25	150	25.5	E**4...
ETFR/L2020-4T22-035045	4	35	45	22	20	20	20	125	20.5	E**4...
ETFR/L2525-4T22-035045	4	35	45	22	25	25	25	150	25.5	E**4...
ETFR/L2020-4T25-045055	4	45	55	25	20	20	20	125	20.5	E**4...
ETFR/L2525-4T25-045055	4	45	55	25	25	25	25	150	25.5	E**4...
ETFR/L2020-4T25-055075	4	55	75	25	20	20	20	125	20.5	E**4...
ETFR/L2525-4T25-055075	4	55	75	25	25	25	25	150	25.5	E**4...
ETFR/L2020-4T25-075120	4	75	120	25	20	20	20	125	20.5	E**4...
ETFR/L2525-4T25-075120	4	75	120	25	25	25	25	150	25.5	E**4...
ETFR/L2525-4T25-120200	4	120	200	25	25	25	25	150	25.5	E**4...
ETFR/L2525-4T25-200500	4	200	500	25	25	25	25	150	25.5	E**4...
ETFR/L2525-5T25-035045	5	35	45	25	25	25	25	150	25.5	ETX5...
ETFR/L2525-5T25-045055	5	45	55	25	25	25	25	150	25.5	ETX5...
ETFR/L2525-5T25-055075	5	55	75	25	25	25	25	150	25.5	ETX5...
ETFR/L2525-5T32-075120	5	75	120	32	25	25	25	150	25.5	ETX5...
ETFR/L2525-5T32-120200	5	120	200	32	25	25	25	150	25.5	ETX5...
ETFR/L2525-5T32-200500	5	200	500	32	25	25	25	150	25.5	ETX5...
ETFR/L2525-6T25-040055	6	40	55	25	25	25	25	150	25.5	ETX6...
ETFR/L2525-6T25-055075	6	55	75	25	25	25	25	150	25.5	ETX6...
ETFR/L2525-6T32-075120	6	75	120	32	25	25	25	150	25.5	ETX6...
ETFR/L2525-6T32-120200	6	120	200	32	25	25	25	150	25.5	ETX6...
ETFR/L2525-6T32-200500	6	200	500	32	25	25	25	150	25.5	ETX6...

SPARE PARTS



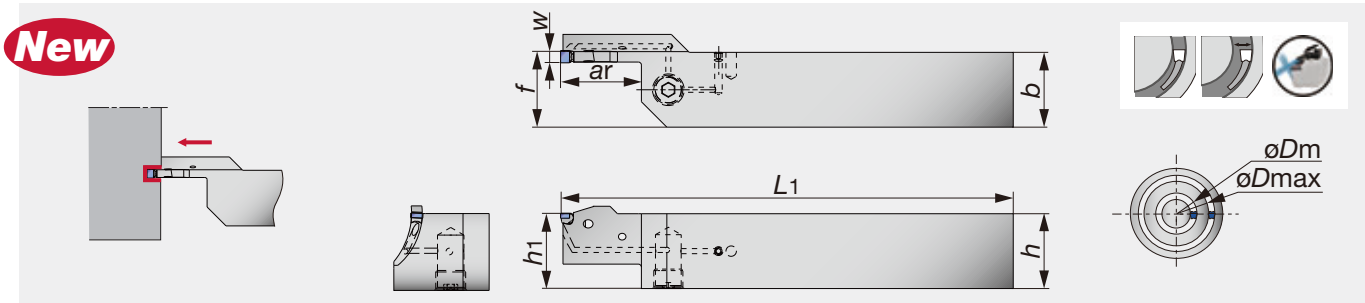
Designation	Wrench*
ETFR/L20...	ECW-456EF
ETFR/L25...	ECW-456EF

*Optional parts

Toolholders for face grooving & turning with channels for high-pressure coolant

TOOLHOLDERS - FOR FACE GROOVING

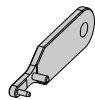
EasyMulti-Cut ETFR-CHP



Right-hand (R) shown.

Designation	W	øD _m	øD _{max}	ar	h	b	L ₁	h ₁	f	Insert
ETFR2525-4T15-030035-CHP	4	30	35	15	25	25	150	25	25.5	E**4
ETFR2525-4T22-035045-CHP	4	35	45	22	25	25	150	25	25.5	E**4
ETFR2525-4T25-045055-CHP	4	45	55	25	25	25	150	25	25.5	E**4
ETFR2525-4T25-055075-CHP	4	55	75	25	25	25	150	25	25.5	E**4
ETFR2525-4T25-075120-CHP	4	75	120	25	25	25	150	25	25.5	E**4
ETFR2525-4T25-120200-CHP	4	120	200	25	25	25	150	25	25.5	E**4
ETFR2525-4T25-200500-CHP	4	200	500	25	25	25	150	25	25.5	E**4

SPARE PARTS



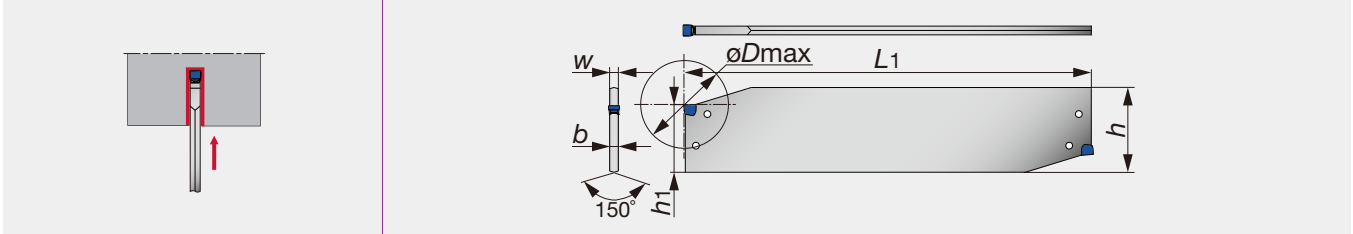
Designation	Wrench*
ETFR...-CHP	ECW-456EF

*Optional parts

Adjustable blade for deep grooving & parting

BLADES - FOR PARTING-OFF

EasyMulti-Cut EGP



Designation	W	øDmax	h1	b	h	L1	Insert	Tool block
EGP26-4D	4	80	21.4	3.2	26	150	E**4...	CTBU**26
EGP32-4D	4	100	24.9	3.2	32	150	E**4...	CTBU**32
EGP32-5D	5	120	24.9	4	32	150	ETX5...	CTBU**32
EGP32-6D	6	120	24.9	5.2	32	150	ETX6...	CTBU**32

SPARE PARTS



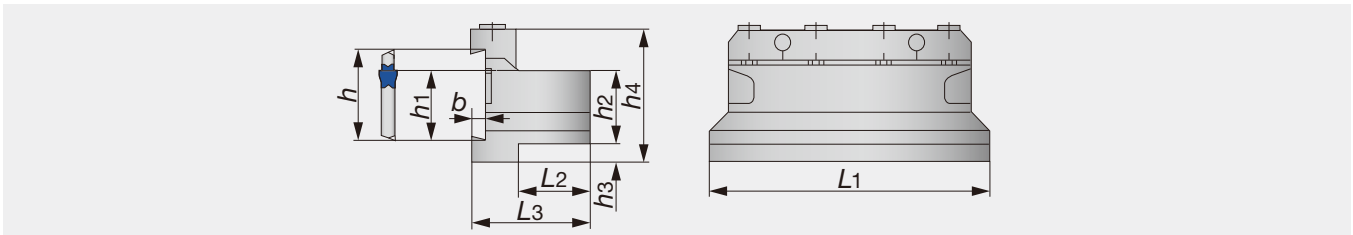
Designation	Wrench*
EGP26-4D	ECW-456EF
EGP32 ...	ECW-456EF

*Optional parts

Tool block for EGP blades

TOOL BLOCK - FOR EGP TYPE

EasyMulti-Cut CTBU



Designation	h1	b	h	L1	h2	h3	h4	L2	L3	Blade
CTBU20-26	21.4	4	26	86	20	9	43	21	38	EGP26
CTBU25-26	21.4	4	26	110	25	5	45	23	42	EGP26
CTBU20-32	24.8	5.3	32	100	20	13	50	19	38	EGP32
CTBU25-32	24.8	5.3	32	110	25	8	50	23	42	EGP32
CTBU32-32	24.8	5.3	32	110	32	5	54	29	48	EGP32

SPARE PARTS

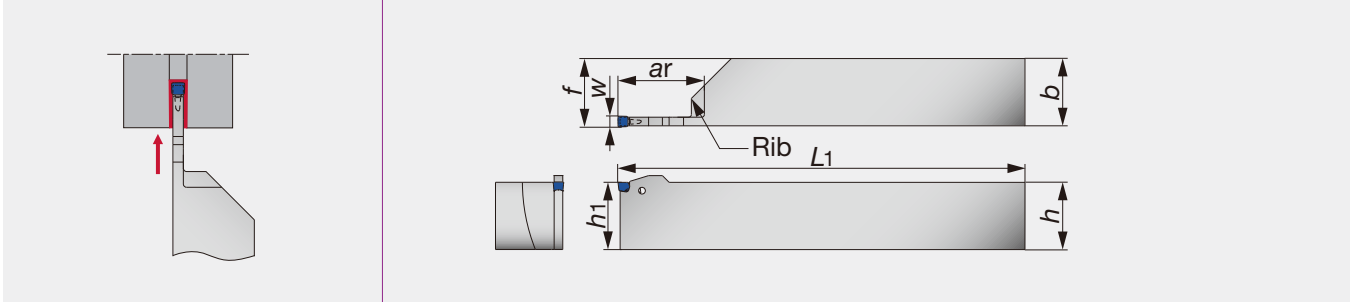


Designation	Clamping screw	Clamp	Wrench
CTBU20-26	CM6x30-S	CT-86	P-5
CTBU25-26	CM6x30-S	CT-100	P-5
CTBU20-32	CM6x30-S	CT-105	P-5
CTBU25-32	CM6x30-S	CT-110	P-5
CTBU32-32	CM6x30-S	CT-110	P-5

External toolholders for grooving & turning

TOOLHOLDERS - FOR EXTERNAL GROOVING

EasyMulti-Cut ETER/L



Right-hand (R) shown.

Designation	W	ar	h1	b	h	L1	f	Insert	Rib
ETER/L2020-4T25	4	25	20	20	20	125	20.4	E**4...	Without
ETER/L2525-4T25	4	25	25	25	25	150	25.4	E**4...	Without
ETER/L3232-4T30	4	30	32	32	32	170	32.4	E**4...	Without
ETER/L2020-5T25	5	25	20	20	20	125	20.4	ETX5...	Without
ETER/L2525-5T32	5	32	25	25	25	150	25.4	ETX5...	Without
ETER/L3232-5T32	5	32	32	32	32	170	32.4	ETX5...	Without
ETER/L2525-6T35	6	35*	32	32	32	150	25.4	ETX6...	With
ETER/L3232-6T35	6	35**	32	32	32	170	32.4	ETX6...	With

* Max. ϕ 170

**Max. ϕ 340

SPARE PARTS



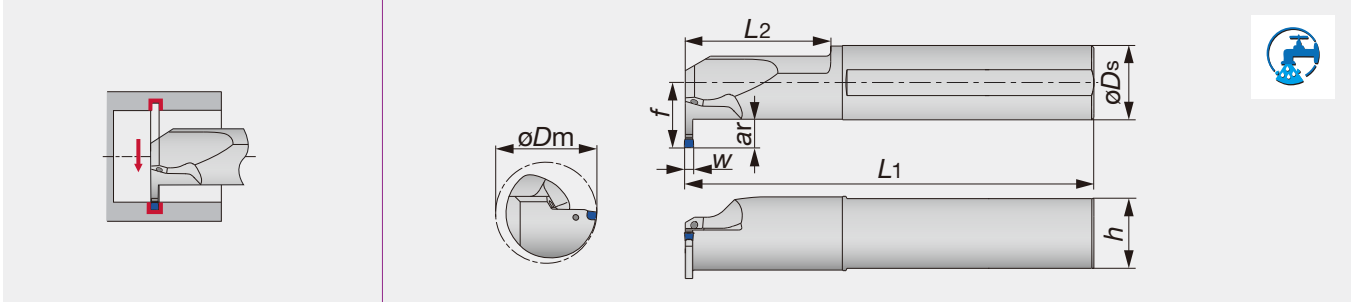
Designation	Wrench*
ETER/L2020-4T25	ECW-456EF
ETER/L2525-4T25	ECW-456EF
ETER/L3232-4T30	ECW-456EF
ETER/L2020-5T25	ECW-456EF
ETER/L2525-5T32	ECW-456EF
ETER/L3232-5T32	ECW-456EF
ETER/L2525-6T35	ECW-456EF
ETER/L3232-6T35	ECW-456EF

*Optional parts

Internal toolholders for grooving & turning

TOOLHOLDERS - FOR INTERNAL GROOVING

EasyMulti-Cut ETIR/L



Right-hand (R) shown.

Designation	W	$\varnothing D_m$	ar	$\varnothing D_s$	h	L_1	f	L_2	Insert
ETIR/L16-4T06-D200	4	20	6	16	15	160	15	40	E**4...
ETIR/L20-4T06-D250	4	25	6	20	18	160	17	40	E**4...
ETIR/L25-4T09-D320	4	32	9	25	23	200	22.5	40	E**4...
ETIR/L32-4T11-D400	4	40	11	32	30	250	28	60	E**4...
ETIR/L32-5T11-D400	5	40	11	32	30	250	28	60	ETX5...
ETIR/L32-6T11-D400	6	40	11	32	30	250	28	60	ETX6...



SPARE PARTS

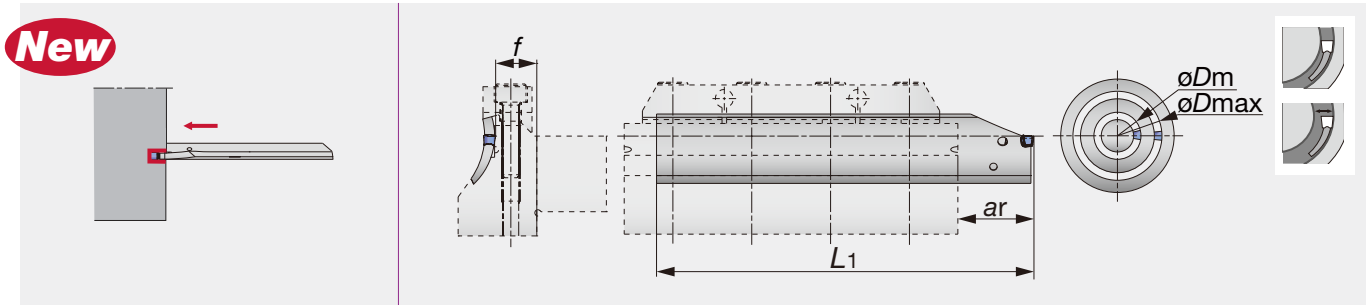
Designation	Seal cap (internal screw)	Wrench*
ETIR/L16-4T06-D200	CA-16(M6)	ECW-456I
ETIR/L20-4T06-D250	CA-20(M6)	ECW-456I
ETIR/L25-4T09-D320	CA-25(R1/8")	ECW-456EF
ETIR/L32...	CA-32(R1/8")	ECW-456EF

*Optional parts

Adjustable blade for face grooving

BLADES - FOR FACE GROOVING

Face Blade EFPR/L



Right-hand (R) shown.

Designation	W	øDm	øDmax	f	L1	min ar	max ar	Insert
EFPR/L-4-030035	4	30.0	35.0	13.6	125.0	18	50	E**4
EFPR-4-035045	4	35.0	45.0	13.6	125.0	18	50	E**4
EFPR-4-045055	4	45.0	55.0	13.6	125.0	18	50	E**4
EFPR-4-055075	4	55.0	75.0	13.6	125.0	18	50	E**4
EFPR-4-075120	4	75.0	120.0	13.6	140.0	18	65	E**4
EFPR-4-120200	4	120.0	200.0	13.6	140.0	18	65	E**4
EFPR-4-200500	4	200.0	500.0	13.6	140.0	18	65	E**4
EFPR-5-035045	5	35.0	45.0	13.6	125.0	19	50	ETX5
EFPR-5-045055	5	45.0	55.0	13.6	125.0	19	50	ETX5
EFPR-5-055075	5	55.0	75.0	13.6	125.0	19	50	ETX5
EFPR-5-075120	5	75.0	120.0	13.6	140.0	19	65	ETX5
EFPR-5-120200	5	120.0	200.0	13.6	140.0	19	65	ETX5
EFPR-5-200500	5	200.0	500.0	13.6	140.0	19	65	ETX5
EFPR-6-045055	6	45.0	55.0	13.6	125.0	20	50	ETX6
EFPR-6-055075	6	55.0	75.0	13.6	125.0	20	50	ETX6
EFPR-6-075120	6	75.0	120.0	13.6	140.0	20	65	ETX6
EFPR-6-120200	6	120.0	200.0	13.6	140.0	20	65	ETX6
EFPR/L-6-200500	6	200.0	500.0	13.6	140.0	20	65	ETX6



SPARE PARTS

Designation	Wrench*
EFPR/L...	ECW-456I

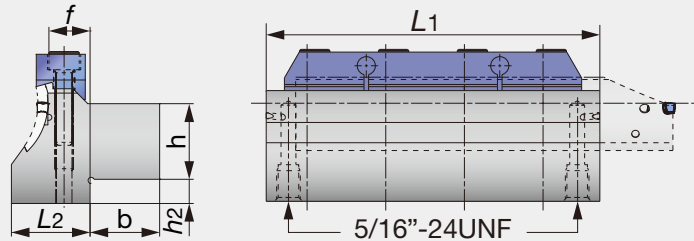
*Optional parts

Tool block for EasyMulti-Cut face blade series with channels
for high-pressure coolant

TOOL BLOCK - FOR EFP BLADES

CTBU-CHP for EFPR/L

New



Designation	W	$\varnothing D_m$	h	b	h ₂	L ₂	L ₁	Blade
CTBU25-030-4-CHP	4	30.0	25.0	23.0	7.6	26.0	110.0	EFPR/L-4-030035
CTBU25-035-4/5-CHP	4, 5	35.0	25.0	23.0	7.6	26.0	110.0	EFPR/L-4/5-035045
CTBU25-045-4/5-CHP	4, 5	45.0	25.0	23.0	7.6	26.0	110.0	EFPR/L-4/5-045055
CTBU25-055-4/5-CHP	4, 5	55.0	25.0	23.0	7.6	24.0	110.0	EFPR/L-4/5-055075
CTBU25-075-4/5-CHP	4, 5	75.0	25.0	23.0	7.6	22.0	110.0	EFPR/L-4/5-075120
CTBU25-120-4/5-CHP	4, 5	120.0	25.0	23.0	7.6	21.0	110.0	EFPR/L-4/5-120200
CTBU25-200-4/5-CHP	4, 5	200.0	25.0	23.0	7.6	18.5	110.0	EFPR/L-4/5-200500
CTBU25-045-6-CHP	6	45.0	25.0	23.0	7.6	28.0	110.0	EFPR/L-6-045055
CTBU25-055-6-CHP	6	55.0	25.0	23.0	7.6	26.0	110.0	EFPR/L-6-055075
CTBU25-075-6-CHP	6	75.0	25.0	23.0	7.6	24.0	110.0	EFPR/L-6-075120
CTBU25-120-6-CHP	6	120.0	25.0	23.0	7.6	23.0	110.0	EFPR/L-6-120200
CTBU25-200-6-CHP	6	200.0	25.0	23.0	7.6	20.5	110.0	EFPR/L-6-200500

SPARE PARTS



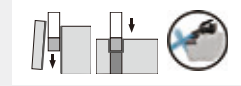
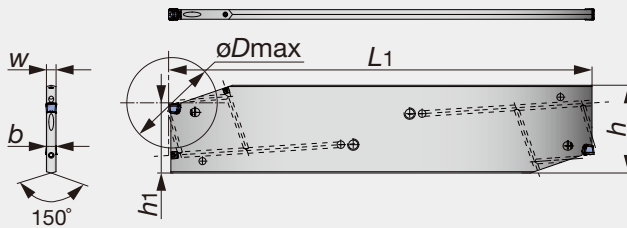
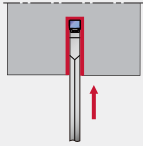
Designation	Clamping screw	Clamp	Wrench
CTBU...-CHP	CM6X30-S	CT-110	P-5

Adjustable blade for deep grooving and parting with coolant channel

BLADES- FOR PARTING-OFF

Face Blade EGP-CHP

New



Designation	W	øDmax	a _r	h	b	L ₁	h ₁	Insert
EGP32-4D-CHP	4	100	50	32	3.2	150	24.9	E**4
EGP32-5D-CHP	5	120	60	32	4	150	24.9	ETX5
EGP32-6D-CHP	6	120	60	32	5.2	150	24.9	ETX6

SPARE PARTS



Designation	Sealing screw	Wrench*
EGP...-CHP	SGC340	ECW-456EF

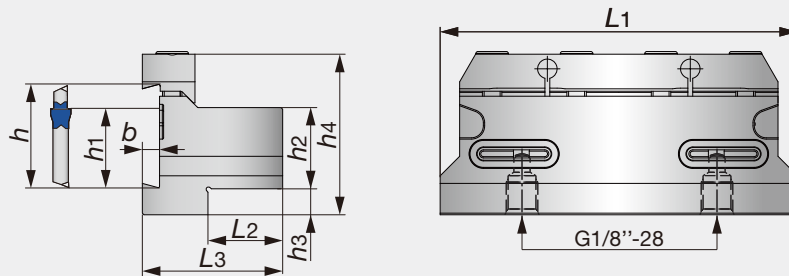
*Optional parts

Tool block with coolant channel

TOOL BLOCK - FOR EGP-CHP BLADES

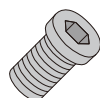
EasyMulti-Cut CTBU-CHP

New



Designation	h ₁	b	h	L ₁	h ₂	h ₃	h ₄	L ₂	L ₃	Blade
CTBU25-32-CHP	24.8	5.3	32	110	25	8	50	23	42	EGP32-*D-CHP

SPARE PARTS



Designation	Clamping screw	Clamp	Wrench	O-ring
CTBU...-CHP	SRM6X16DIN912-12.9	CT-110	P-5	OR14X2.5NN

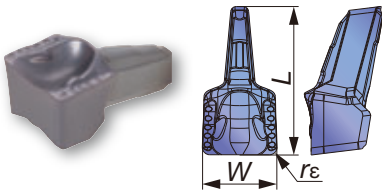
Single-ended inserts for external / internal / face grooving & turning

STANDARD CUTTING CONDITIONS

ISO	Workpiece materials	Hardness	Grades	Chip-breaker	Cutting speed Vc (m/min)
P	Low carbon steel (C15, C20, etc.)	- 300 HB	AH725	ETX	80 - 180
		- 300 HB	AH725	EGM	80 - 180
	Carbon steel, Alloy steel (C55, 42CrMoS4, etc.)	- 300 HB	AH725	ETX	80 - 180
		- 300 HB	AH725	EGM	80 - 180
	Prehardened steel (NAK80, PX5, etc.)	- 300 HB	AH725	ETX	80 - 180
		- 300 HB	AH725	EGM	80 - 180
M	Stainless steel (X5CrNi18-9, X5CrNiMo17-12-2, etc)	-	AH725	ETX	50 - 120
		-	AH725	EGM	50 - 120

INSERTS

ETX

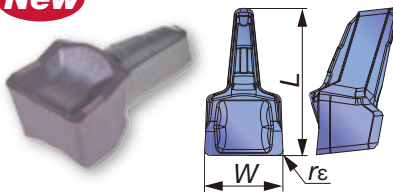


Description	Grade AH725	W±0.05	L	rε
ETX4-040	✓	4	8	0.4
ETX5-040	✓	5	10	0.4
ETX6-040	✓	6	12	0.4

✓ : Stocked items

EGM

New



Description	Grade AH725	W±0.05	L	rε
EGM4-030	✓	4	8	0.3

✓ : Stocked items

PARTS FOR COOLANT HOSE

Connecting hose

Fig. 1

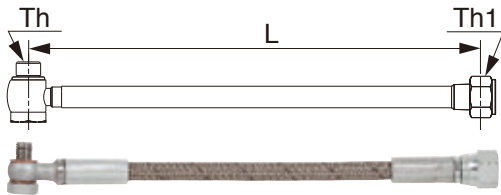
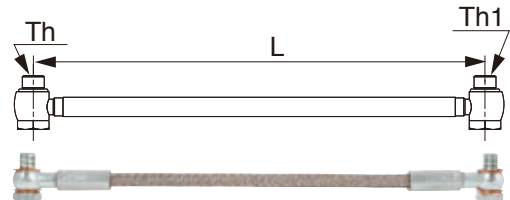
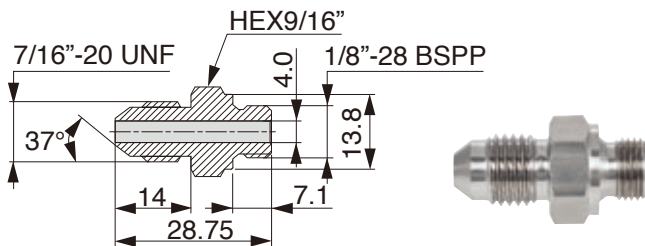


Fig. 2



Designation	Length	Threading size		Max. pressure (MPa)	Fig.
	L	Th	Th1		
CHP-HOSE-G1/8-7/16-200BS	200	G1/8"-28 BSPP	7/16"-20 UNF	26	1
CHP-HOSE-G1/8-7/16-250BS	250	G1/8"-28 BSPP	7/16"-20 UNF	26	1
CHP-HOSE-5/16-7/16-200BS	200	5/16"-24UNF	7/16"-20 UNF	20	1
CHP-HOSE-5/16-G1/8-200BS	200	5/16"-24UNF	G1/8"-28 BSPP	20	1
CHP-HOSE-G1/8-G1/8-200BB	200	G1/8"-28 BSPP	G1/8"-28 BSPP	26	2
CHP-HOSE-G1/8-G1/8-250BB	250	G1/8"-28 BSPP	G1/8"-28 BSPP	26	2

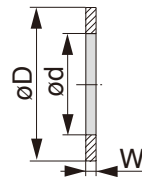
Connector



Designation

CHP-NIPPLE-G1/8-7/16UNF

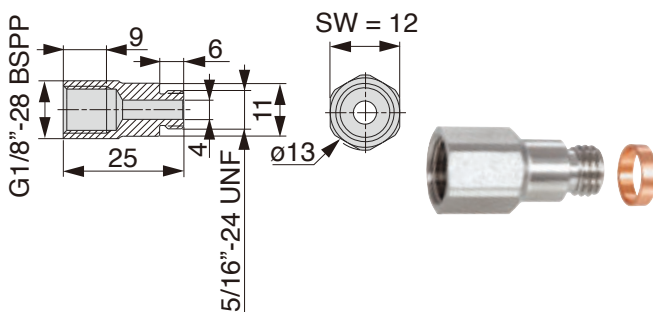
Seal washer



Designation

Designation	øD	ød	W
CHP-COPPER-SEAL1/8	15	10	1
CHP-COPPER-SEAL5/16	11	8	1
CHP-COPPER-SEAL5/16-2.5	11	8	2.5

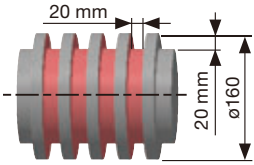
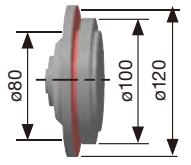
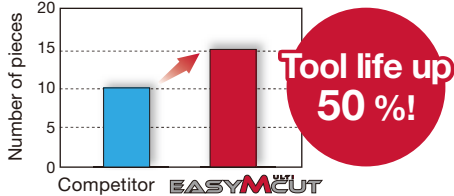
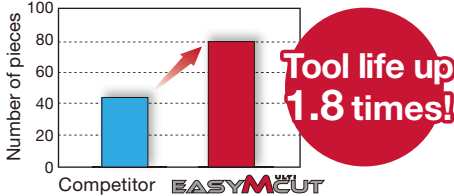

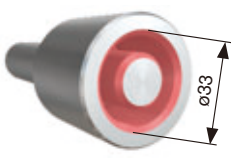
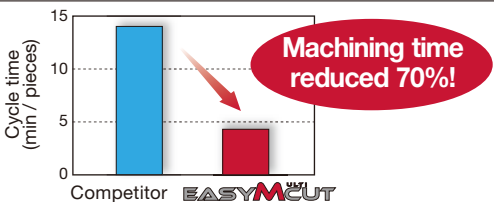
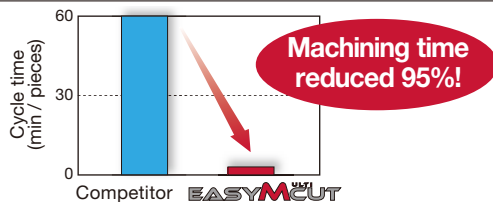
Connector for small lathe with seal washer



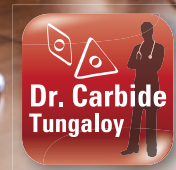
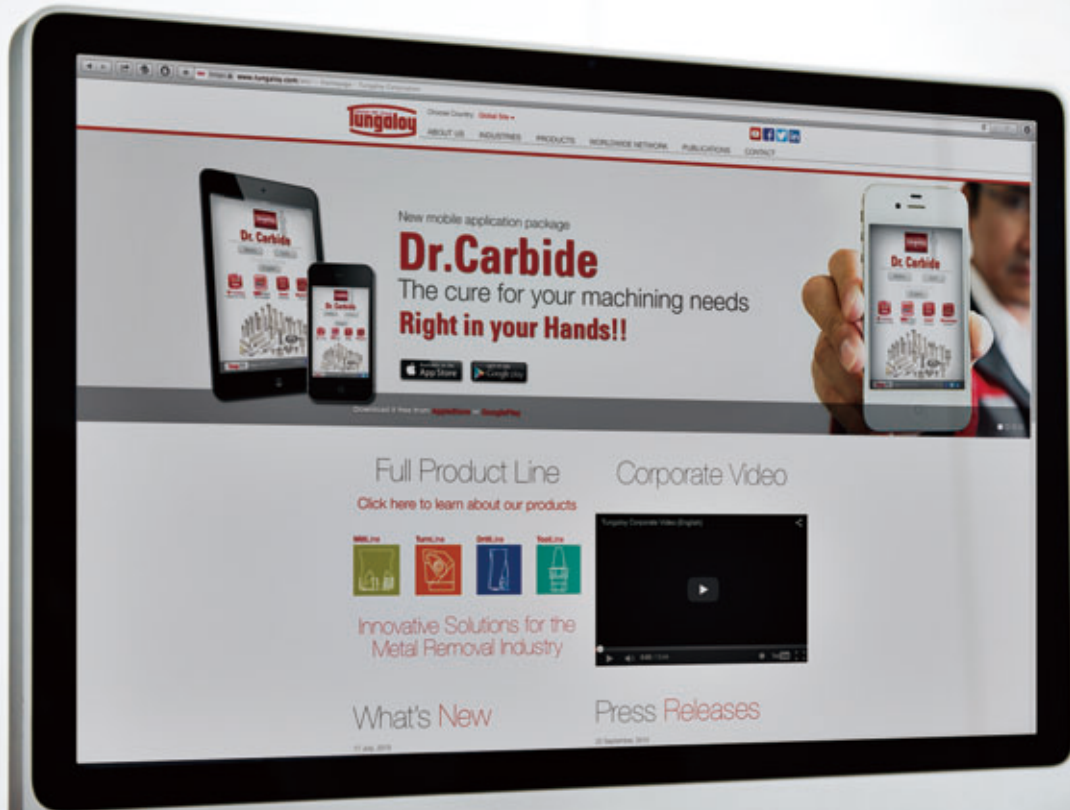
Designation

CHP-CONNECTOR/5/16-G1/8

PRACTICAL EXAMPLES

Workpiece type		Mold part	Machine part
Toolholder		ETEL2525-4T25	ETER2525-4T25
Insert		ETX4-040	ETX4-040
Grade		AH725	AH725
Workpiece material		Prehardened steels (NAK80) 	S45C / C45 
Cutting conditions	Groove width : W (mm)	4	4
	Groove depth : ar (mm)	20	10
	Cutting speed : V_c (m/min)	80	120
	Feed : f (mm/rev)	0.14	0.1
	Depth of cut : ap (mm)	0.5	-
	Machining	Grooving, turning for finishing bottom	Grooving
Coolant		Wet	Wet
Results		 <p>EasyMulti-Cut extended tool life by 50% and also provided excellent chip control that lowered vibration and noise.</p>	 <p>EasyMulti-Cut's tool life is 1.8 times longer than the competitor due to its exceptional wear resistance.</p>
Workpiece type		Puncher part	Endcap
Toolholder		CTBU25-055-6-CHP + EFPR-6-045055	CTBU25-030-4-CHP + EFPR-4-030035
Insert		ETX6-040	ETX4-040
Grade		AH725	AH725
Workpiece material		SCM435 / 34CrMo4 	S45C / C45 
Cutting conditions	Groove width : W (mm)	6	4
	Groove depth : ar (mm)	53	50
	Cutting speed : V_c (m/min)	65	100
	Feed : f (mm/rev)	0.07	0.1
	Machining	Face grooving	Face grooving
	Coolant		Wet
Results		 <p>When machining with EasyMulti-Cut, the feed rate can be increased to 300% due to its high rigidity. Also, ETX type insert provides stable chip control even in deep face grooving.</p>	 <p>Usually, the customer used solid endmill due to its large groove depth. The face blade of EasyMulti-Cut can be used for grooving operation on the lathe without any trouble in chip control.</p>

Check our site and our App to get more info!



Available on the App Store



GET IT ON Google play

Tungaloy Corporation (Head office)

11-1 Yoshima-Kogyodanchi
Iwaki-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.tungaloyamerica.com

Tungaloy Canada

432 Elgin St. Unit 3
Brantford, Ontario N3S 7P7, Canada
Phone: +1-519-758-5779
Fax: +1-519-758-5791
www.tungaloy.co.jp/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.co.jp/mx

Tungaloy do Brasil Ltda.

Rua dos Sabias N.104
13280-000 Vinhedo, São Paulo, Brazil
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.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.fr

Tungaloy Italia S.r.l.

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

Tungaloy Scandinavia AB

S:t Lars Väg 42A
SE-22270 Lund, Sweden
Phone: +46-462119200
Fax: +46-462119207
www.tungaloy.se

Tungaloy Rus, LLC

36-D Harkovsky Lane
308009 Belgorod, Russia
Phone: +7 4722 24 00 07
Fax: +7 4722 24 00 08
www.tungaloy.com/jp/ru

Tungaloy East LLC

Stachek str., h.4, office 2, Ekaterinburg,
620017, Russia
Phone: +7-343-389-13-22
Fax: +7-343-278-94-35
www.tungaloy.com.jp/ru

Tungaloy Polska Sp. z o.o.

ul. Genewska 24
03-963 Warszawa, Poland
Phone: +48-22-617-0890
Fax: +48-22-617-0890
www.tungaloy.com.jp/pl

Tungaloy U.K. Ltd

The Technology Centre,
Wolverhampton Science Park
Glaisher Drive, Wolverhampton
West Midlands WV10 9RU, UK
Phone: +44 121 4000 231
Fax: +44 121 270 9694
www.tungaloy.com.jp/uk
salesinfo@tungaloyuk.co.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/jp/hu
info@tungaloytools.hu

Tungaloy Turkey

Dudullu, OSB 4. Cad No:4
34776 Umraniye Istanbul, TURKEY
Phone: +90 216 540 04 67
Fax: +90 216 540 04 87
www.tungaloy.com.tr
info@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-benelux.com

Tungaloy Croatia

Josipa Kozarca 4
10432 Bregana, Croatia
Phone: +385 1 3326 604
Fax: +385 1 3327 683
www.tungaloy.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.jp/tcts

Tungaloy Cutting Tool (Thailand) Co., Ltd.

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

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.jp/tspl

Tungaloy Vietnam

Unit 18, 4th Fl. Saigon Centre Building
65 Le Loi Blvd.
Dist 1, Ho Chi Minh City, Vietnam
Phone: +84-8-3827-0201
Fax: +84-8-3827-0203
www.tungaloy.com.jp/tspl

Tungaloy India Pvt. Ltd.

Indiabulls Finance Centre,
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.jp/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.jp/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.jp/my

Tungaloy Australia Pty Ltd

PO Box 2232, Rowville,
Victoria 3178, 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.jp/id



www.tungaloy.com

follow us at:

facebook.com/tungaloyjapan

twitter.com/tungaloyjapan

To see this product in action visit:

Tung-TV

www.youtube.com/tungaloycorporation

Distributed by:



DOWNLOAD
Dr. Carbide App



Available on the
App Store



GET IT ON
Google play



ISO 9001 Certified
QC00J0056
Tungaloy Corporation
18/10/1996

ISO 14001 Certified
EC97J1123
Tungaloy Group
Japan site and Asian
production site
26/11/1997