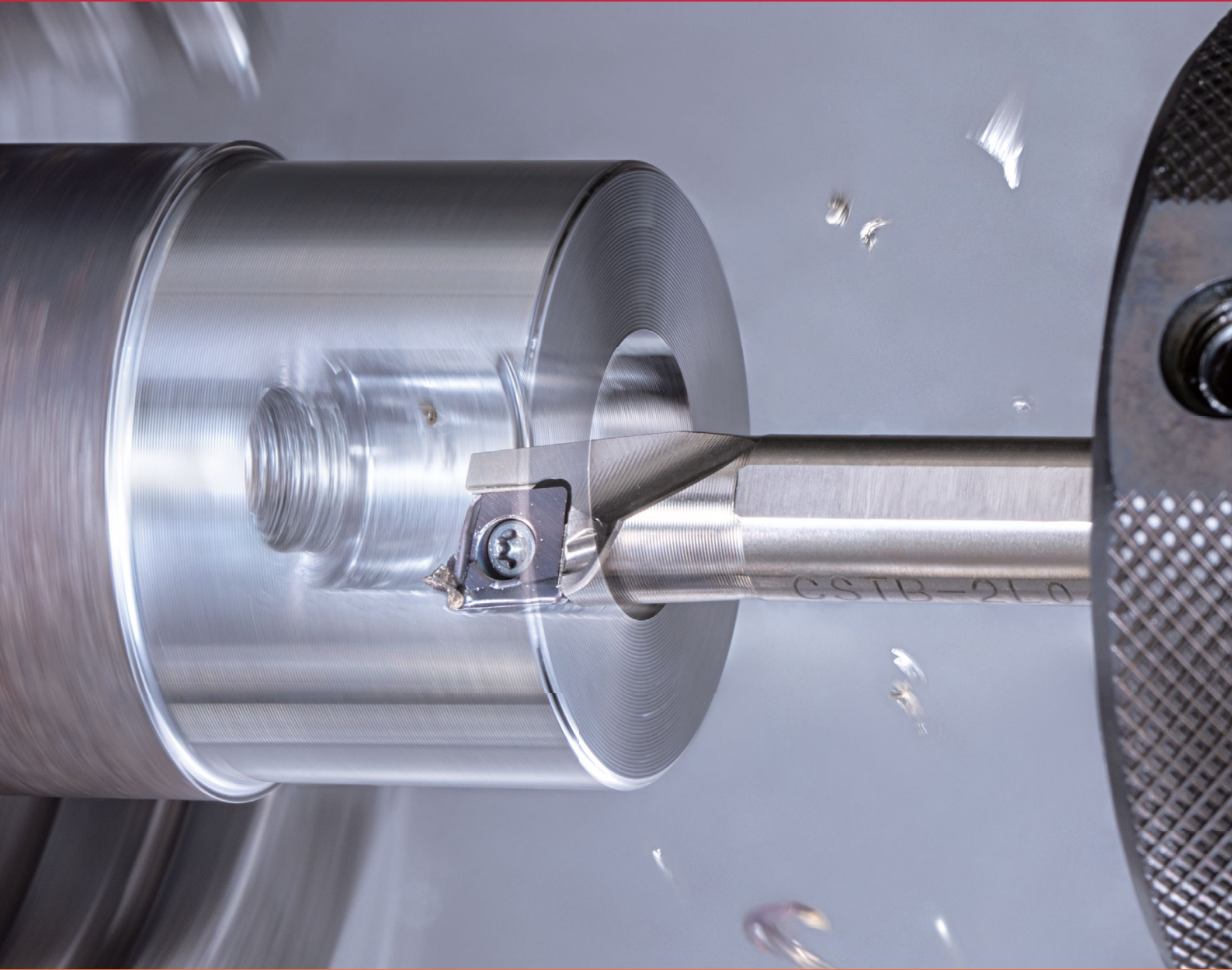


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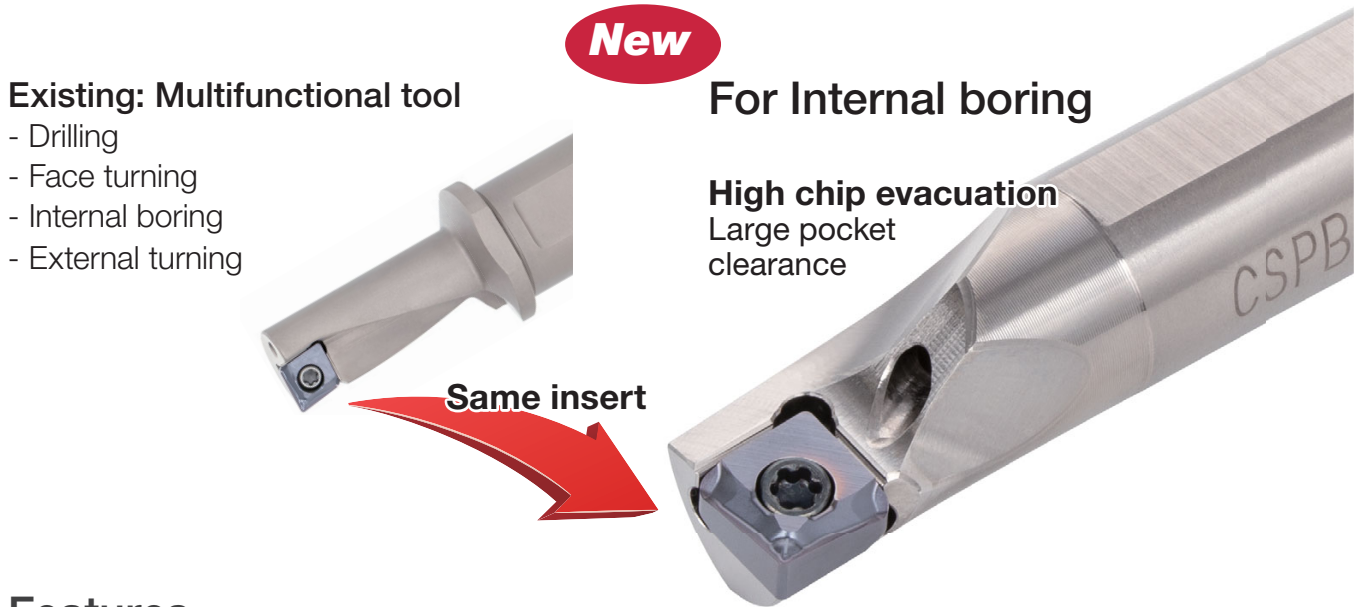
**High reliability internal boring bar now offers
low cutting force & high chip evacuation!!**



INDUSTRY 4.0
FEED the SPEED!



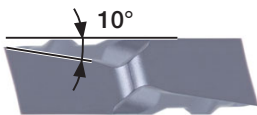
XOMU inserts optimized for internal boring with high rake angle



Features

1. Low cutting force

Large inclination angle of XOMU insert



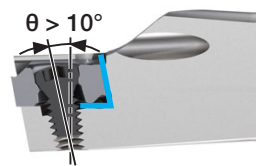
XOMU insert



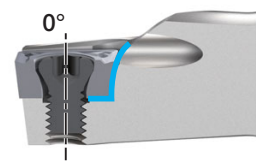
Conventional
(CCMT060204...)

2. High reliability & high rigidity clamping

Dovetail clamping and slanted insert clamping screw

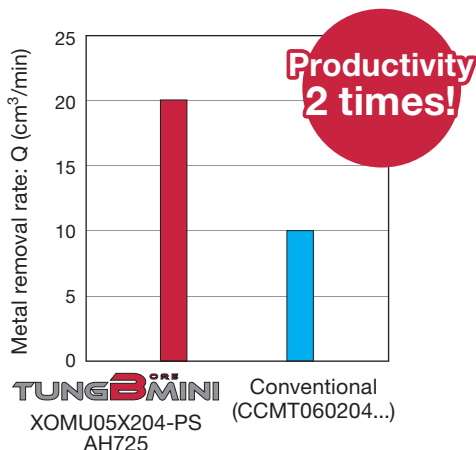


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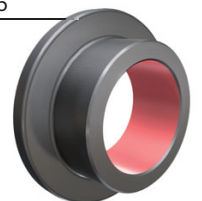
Conventional
(CCMT060204...for boring bar)

CUTTING PERFORMANCE



P Machining : Internal turning
Workpiece material : S45C / C45
Coolant : Wet

	TUNGB ^{ORE} MINI	Conventional
Cutting speed : Vc (m/min)	100	100
Feed : f (mm/rev)	0.08	0.08
Depth of cut : ap (mm)	2.5	1.25
Number of passes	1	2



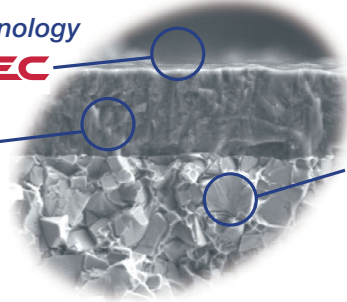
PVD grade: AH725

AH725 features a super tough substrate with a new PVD coating layer.

Special surface technology

PREMIUMTEC
TUNGALOY

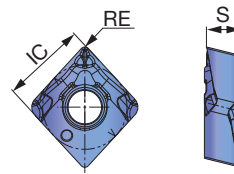
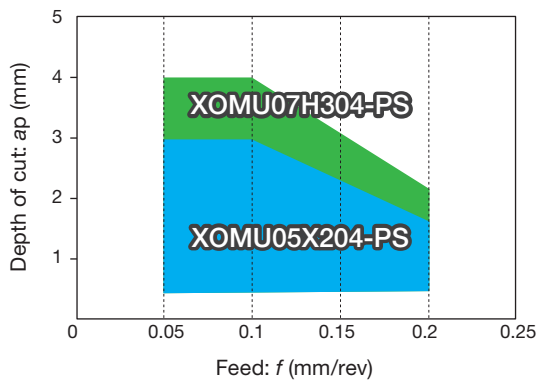
Coating layer with excellent adhesion strength
PVD coating



Remarkable toughness
Fine grain carbide

Standard cutting conditions

DMIN	Description		Depth of cut: ap (mm)	Feed: f (mm/rev)	Cutting speed: Vc (m/min)	
	Holder	Insert			Carbon steel, Alloy steel	Stainless steel
ø10	A/E08*-SXUOR/L05-D100	XOMU05X204-PS	0.5 - 3	0.05 - 0.2	50 - 180	50 - 160
ø14	A/E12*-SXUOR/L07-D140	XOMU07H304-PS	0.5 - 4.5	0.05 - 0.2	50 - 180	50 - 160



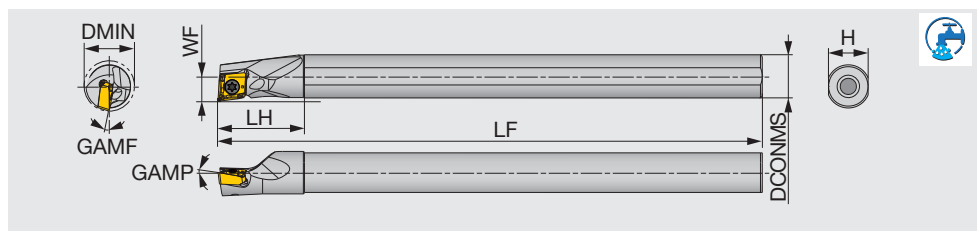
Designation	RE (mm)	Coated		S (mm)	IC (mm)
		AH725	Line up		
XOMU05X204-PS	0.4	●		2.3	5.56
XOMU07H304-PS	0.4	●		3.3	7.3

●: Line up

New

A/E-SXUOR/L

Screw-on boring bar, for XOMU rhombic inserts



Metric	DMIN	DCONMS	WF	LF	LH	H	GAMP	GAMF	Insert
A08H-SXUOR/L05-D100	10	8	5	100	16	7.5	-7	-0.8	XOMU05X204-PS
A12M-SXUOR/L07-D140	14	12	7	150	24	11	-7.2	3.2	XOMU07H304-PS
E08K-SXUOR/L05-D100	10	8	5	125	22	7.5	-7	-0.8	XOMU05X204-PS
E12Q-SXUOR/L07-D140	14	12	7	180	27	11	-7.2	3.2	XOMU07H304-PS

SPARE PARTS

Designation	Clamping screw	Wrench
A08H-SXUOR/L05-D100	CSTB-2L040	T-6F
A12M-SXUOR/L07-D140	CSPB-2.5	IP-8D
E08K-SXUOR/L05-D100	CSTB-2L040	T-6F
E12Q-SXUOR/L07-D140	CSPB-2.5	IP-8D

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