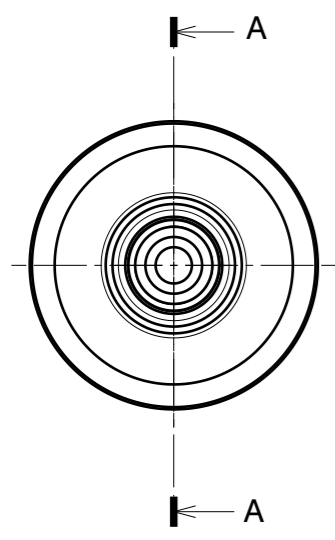
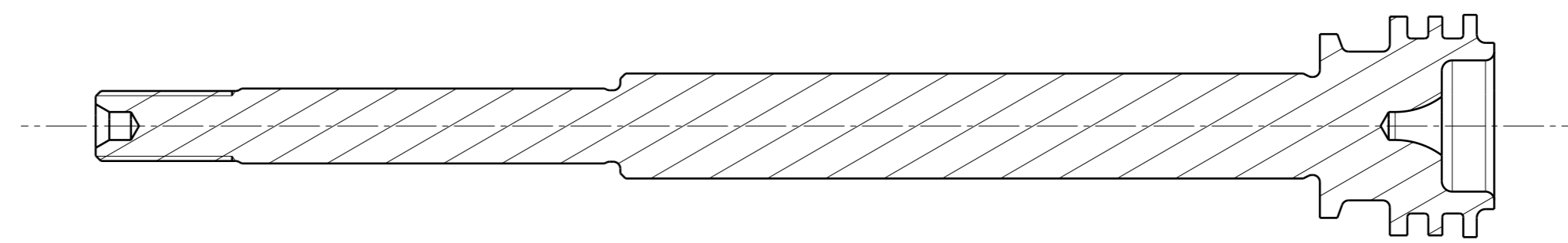


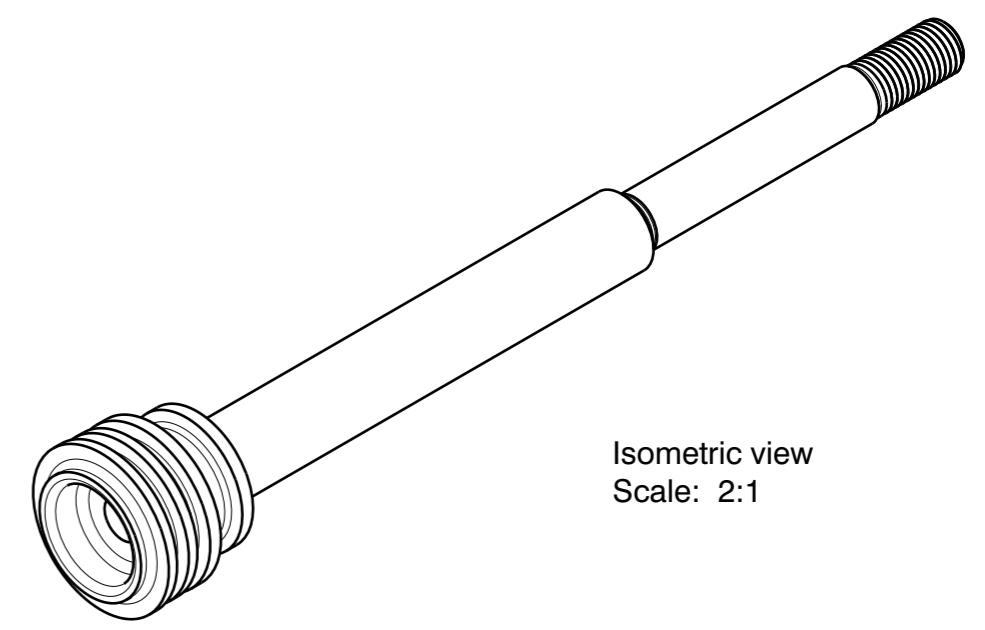
MODEL IN SCALE 3:1



Front view
Scale: 3:1



Section view A-A
Scale: 3:1

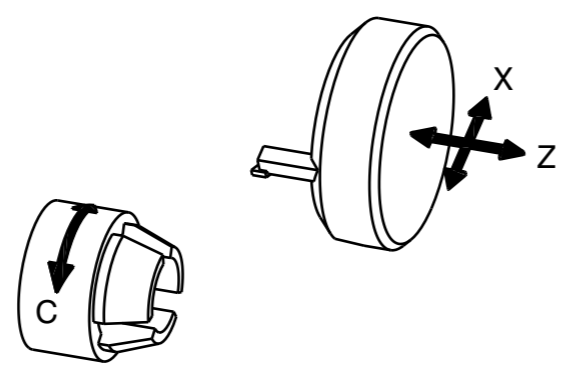


Isometric view
Scale: 2:1

MACHINE : CNC HORIZONTAL LATHES
TOOL SHANK / □20

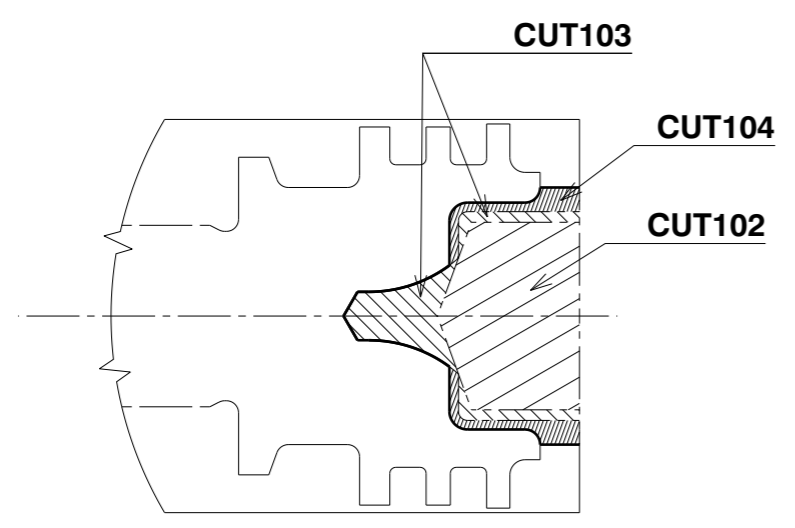
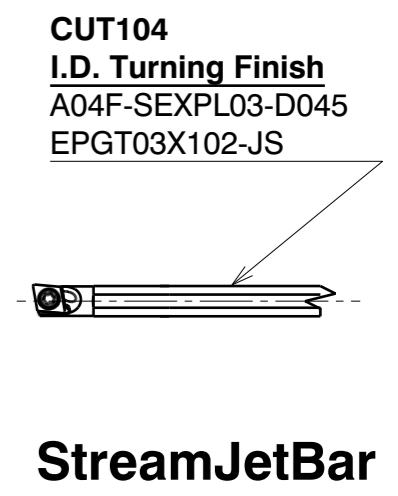
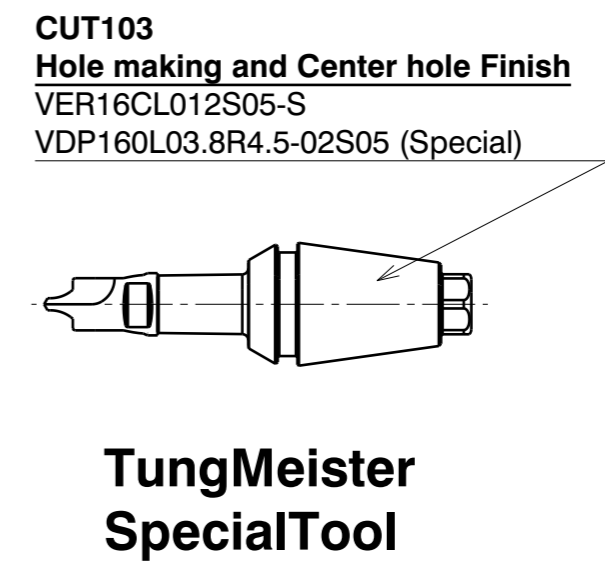
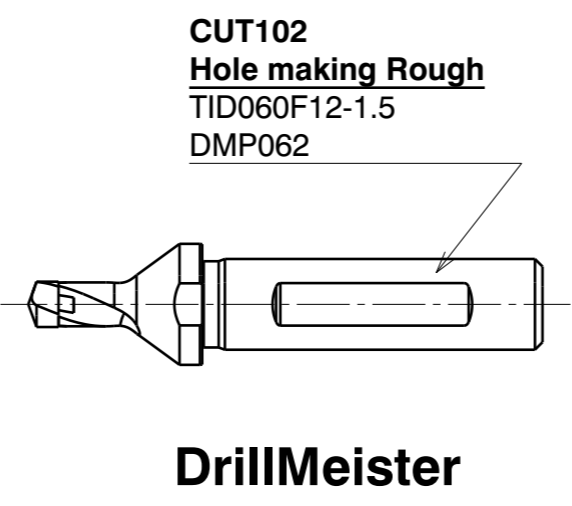
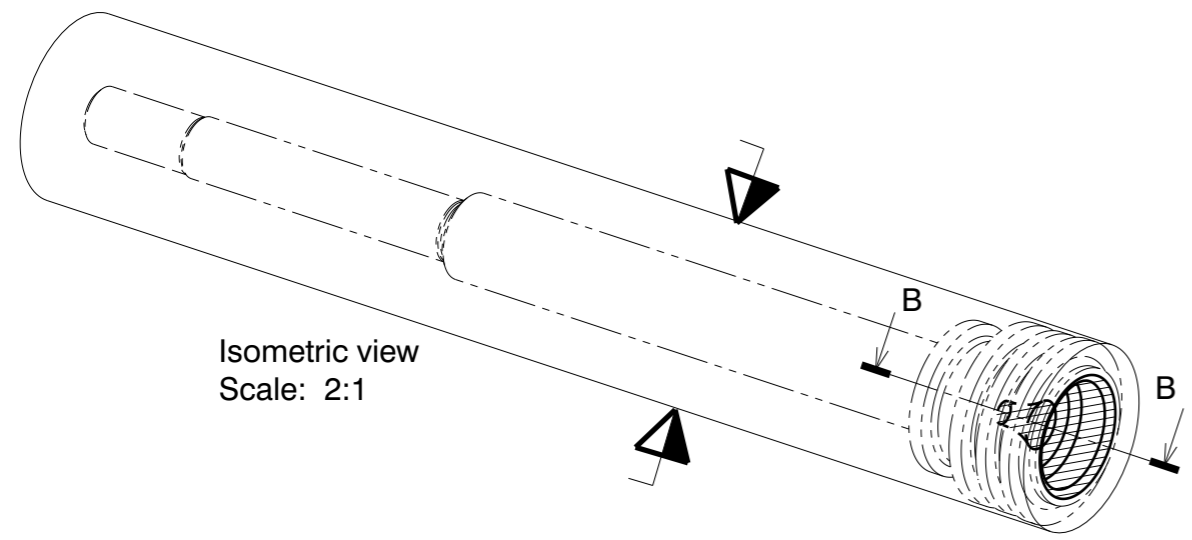
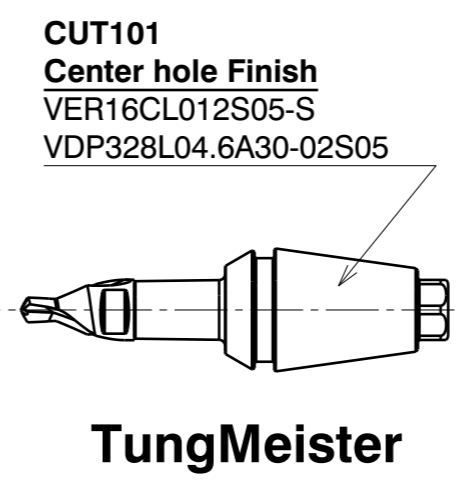
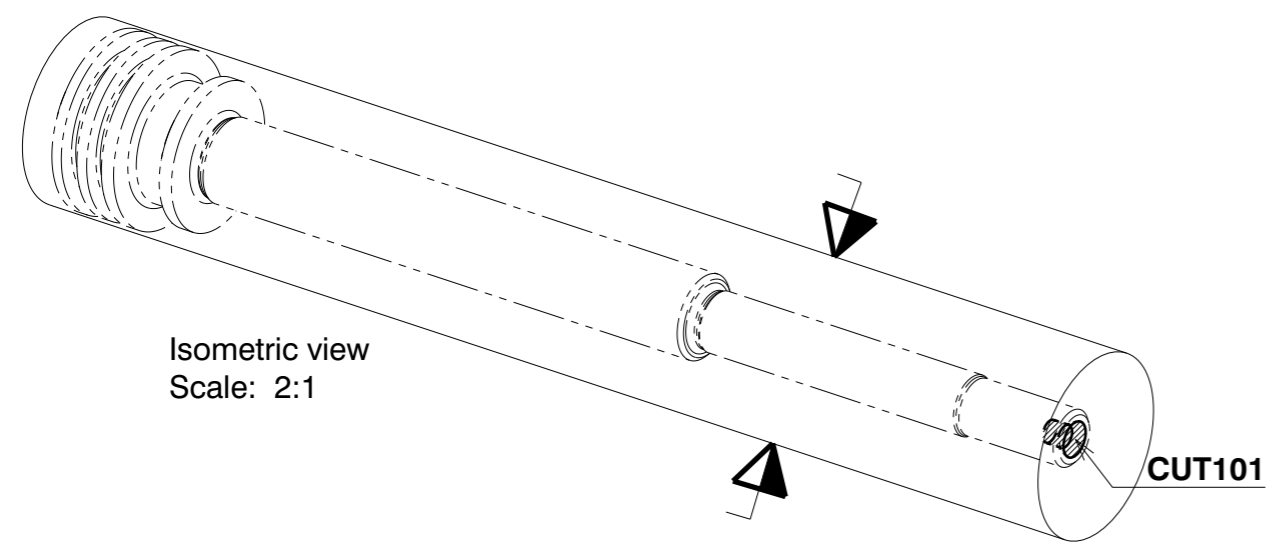
TURBO IMPELLER SHAFT

WORKPIECE MATERIAL SCM440H



Unspecified Tolerances	Draw		Customer: TUNGALOY	Japan	
Dim.s: --	Design		Designation:		
Angles: --	Check		LAYOUT-TURBO IMPELLER SHAFT		Page 1
	Appr.		Process	Layout.	Of 1
	Scale	-	Lead Drawing		Rev. No. 0
	© 2019 Tungaloy Corporation - Copyrights Notice		-		Reg.No. 62311/1
			FL-40032518		A3L

MODEL IN SCALE 4:1 TOOLS IN SCALE 1:1

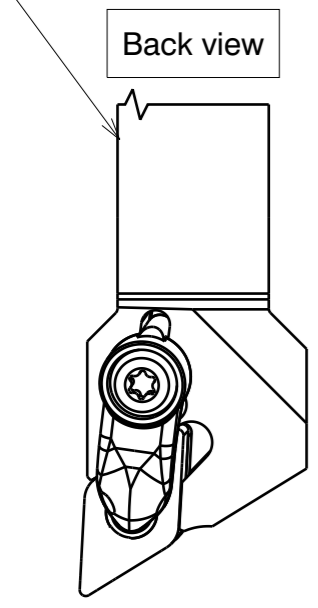


Hole making & I.D.Turning

Unspecified Tolerances	Draw		Customer: TUNGALOY	Japan	
Dim.s:	Design		Designation:		
--	Check		LAYOUT-TURBO IMPELLER SHAFT		32448850-HC
Angles:	Appr.		Process	Layout.	Page 1
--	Scale	-	Concept		Of 1
			--		Rev. No. 0
			FL-40032518		Reg.No. 62311/1
					A3L

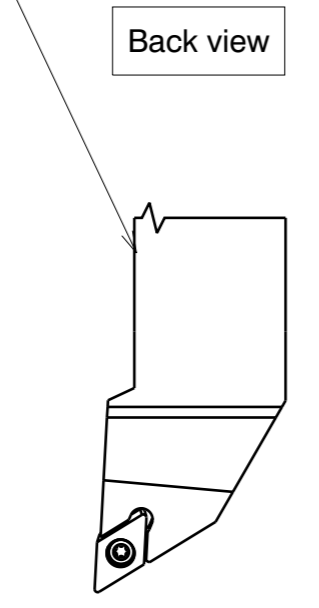
MODEL IN SCALE 2:1 TOOLS IN SCALE 1:1

CUT105
O.D. Turning Rough
 ADJNR2020X-15-CHP-MC
 DNMG150608-TM T9215



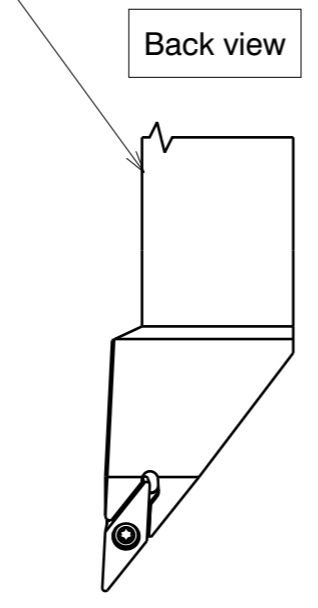
TungTurnJet
T9200

CUT106
O.D. Turning Finish
 JSDJXR2020K07
 DXGU070304L-SS AH725



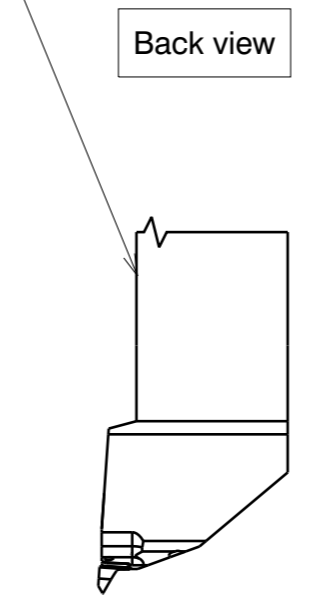
MiniForceTurn

CUT106
O.D. Turning Finish
 JSVJXR2020K09
 VXGU09T204MFL-JS SH725

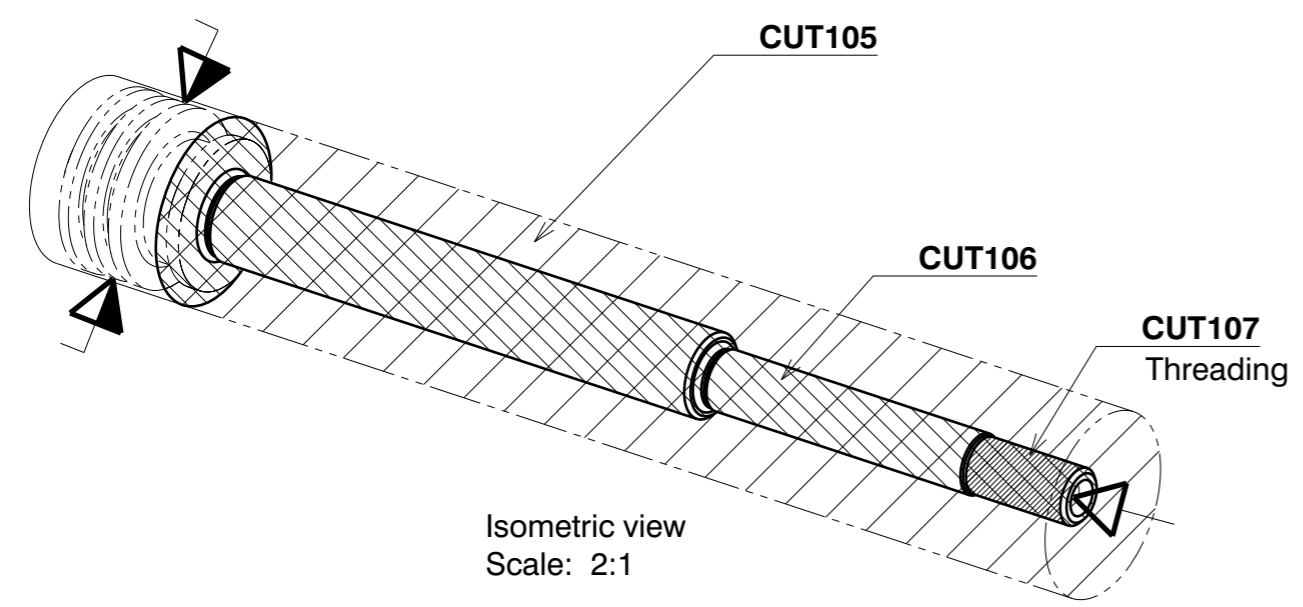


MiniForceTurn

CUT107
Thread turning Finish
 STCR2020X18-CHP
 TCT18FR-60A-005 SH725

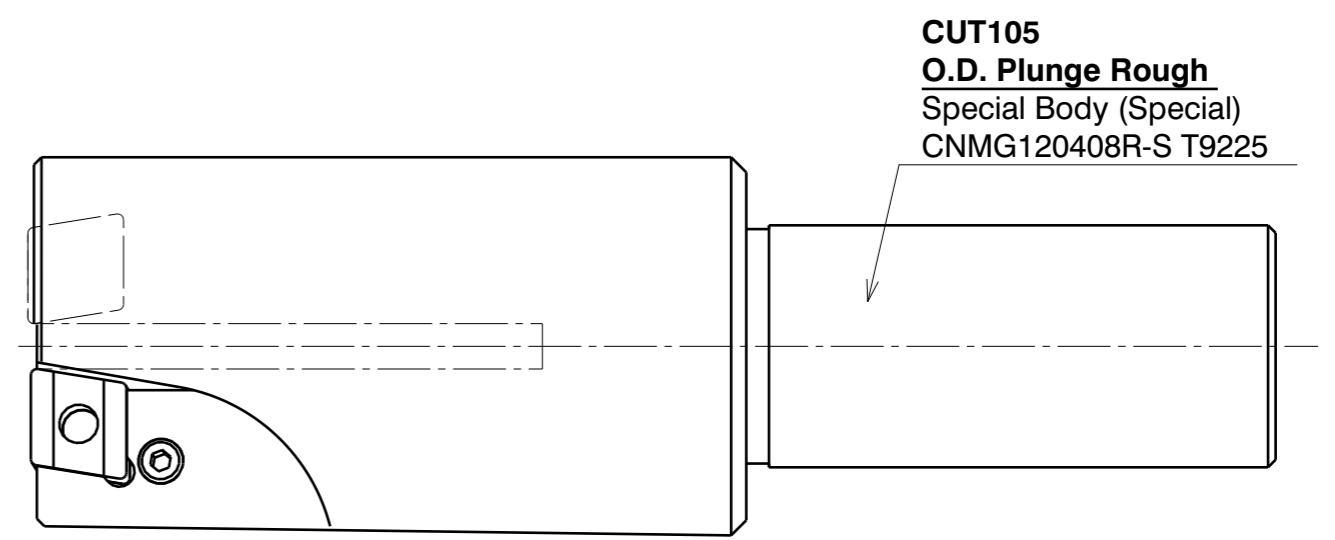


TetraMiniCut
TungTurnJet



Isometric view
 Scale: 2:1

O.D. Turning



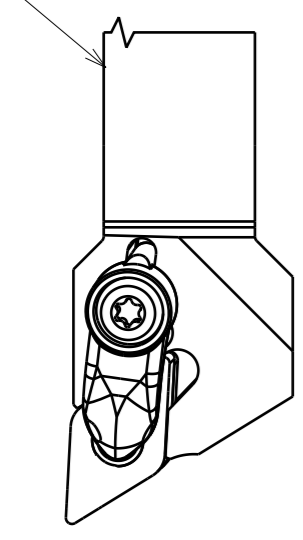
CUT105
O.D. Plunge Rough
 Special Body (Special)
 CNMG120408R-S T9225

SpecialTool
T9200

Unspecified Tolerances	Draw		Customer: TUNGALOY	Japan	
Dim.s:	Design		Designation:		
-. -	Check		LAYOUT-TURBO IMPELLER SHAFT		32448850-HC1
Angles:	Appr.		Process	Layout.	Page 1
-. -	Scale	-	Concept		Of 1
	© 2019 Tungaloy Corporation - Copyrights Notice		-		Rev. No.
			FL-40032518		Reg.No. 62311/1
					A3L

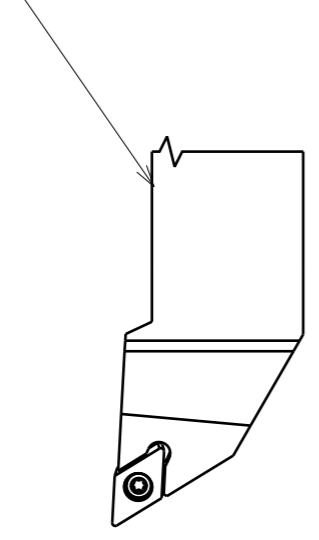
MODEL IN SCALE 2:1 TOOLS IN SCALE 1:1

CUT108
O.D. Turning Rough
 ADJNL2020X-15-CHP-MC
 DNMG150608-TM T9215



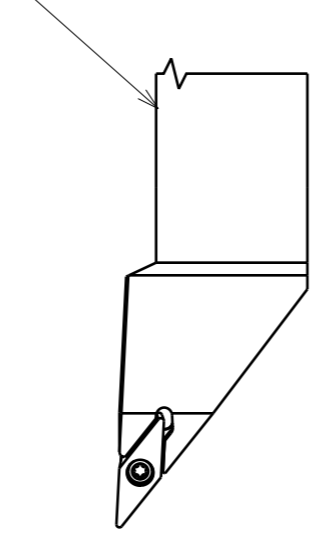
TungTurnJet
T9200

CUT109
O.D. Turning Finish
 JSDJXL2020K07
 DXGU070304R-SS AH725



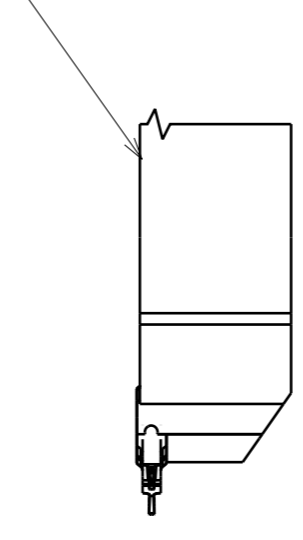
MiniForceTurn

CUT109
O.D. Turning Finish
 JSVJXL2020K09
 VXGU09T204MFR-JS SH725



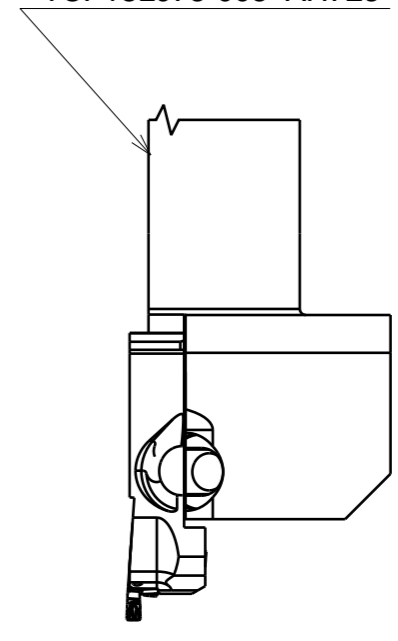
MiniForceTurn

CUT110
O.D. Grooving Finish
 STCL2020-27-CHP
 TCS27-075-010 AH725

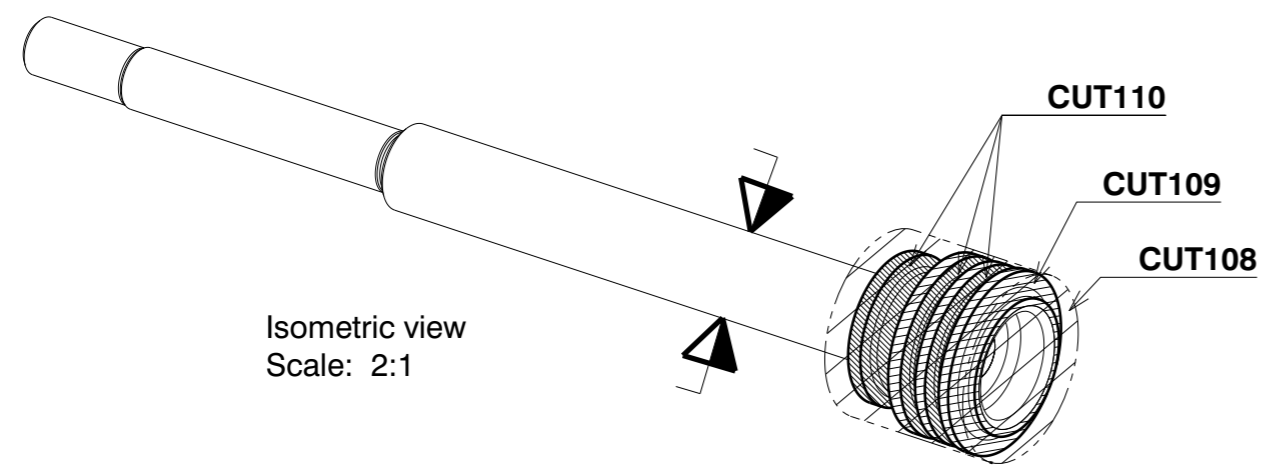


TetraForceCut
TungTurnJet

CUT110
O.D. Grooving Finish
 CHSL2020-CHP
 STCAL18-CHP
 TCP18L075-005 AH725



TetraMiniCut
TungTurnJet
TungModularSystem



Isometric view
 Scale: 2:1

O.D. Turning

Unspecified Tolerances	Draw		Customer: TUNGALOY	Japan	
	Design				
Dim.s:	Check		Designation:		Dwg.No.
	Appr.		LAYOUT-TURBO IMPELLER SHAFT		32448850-HC2
Angles:	Scale	-	Process	Layout.	Page 1
			Concept		Rev. No. 1
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