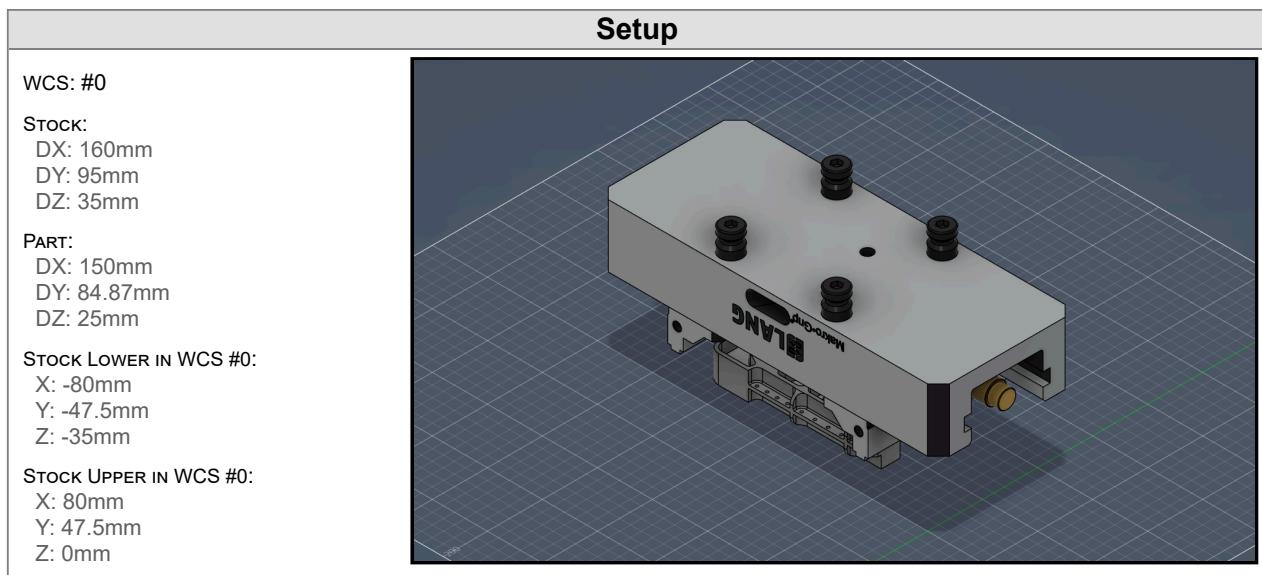


Setup Sheet for Program 1001

JOB DESCRIPTION: AutoSetup 1

DOCUMENT PATH: X_NC01-FORI_EDIT_121007 v7



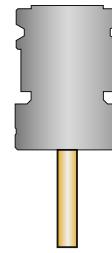
| Tools | | | |
|-----------------------------|---|---|------------------------------|
| T17002 D17002 L17002 | TYPE: flat end mill DIAMETER: 2.5mm LENGTH: 21mm FLUTES: 2 DESCRIPTION: CoroMill Plura Tascapiccola VENDOR: Sandvik PRODUCT: 1P250-0250-XA 1630 | MINIMUM Z: -15.75mm MAXIMUM FEED: 304.409mm/min MAXIMUM SPINDLE SPEED: 8100rpm CUTTING DISTANCE: 3000.63mm RAPID DISTANCE: 613.84mm ESTIMATED CYCLE TIME: 9m:59s (25.8%) | HOLDER: BT40 - B4C4-1000 |
| T17003 D17003 L17003 | TYPE: flat end mill DIAMETER: 5mm LENGTH: 21mm FLUTES: 4 DESCRIPTION: CoroMill Dura Tasche VENDOR: Sandvik PRODUCT: 2P342-0500-PA 1730 | MINIMUM Z: -15.75mm MAXIMUM FEED: 1863.488mm/min MAXIMUM SPINDLE SPEED: 8100rpm CUTTING DISTANCE: 3651.64mm RAPID DISTANCE: 1201.95mm ESTIMATED CYCLE TIME: 4m:20s (11.2%) | HOLDER: BT40 - B4C4-1000 |
| T17007 D17007 L17007 | TYPE: flat end mill DIAMETER: 25mm LENGTH: 60mm FLUTES: 2 DESCRIPTION: CoroMill 390 Finituraforogrande VENDOR: Sandvik PRODUCT: R390-025A25-17L | MINIMUM Z: -30.5mm MAXIMUM FEED: 3055.775mm/min MAXIMUM SPINDLE SPEED: 7639rpm CUTTING DISTANCE: 1257.85mm RAPID DISTANCE: 59.5mm ESTIMATED CYCLE TIME: 26s (1.1%) | HOLDER: BT40 - B4C4-1000 |

T17009 D17009 L17009

TYPE: flat end mill
DIAMETER: 12mm
LENGTH: 60mm
FLUTES: 4
DESCRIPTION: CoroMill Dura Finituracontornatura
VENDOR: Sandvik
PRODUCT: [1K334-1200-XB 1730](#)

MINIMUM Z: -30.2mm
MAXIMUM FEED: 3110.4mm/min
MAXIMUM SPINDLE SPEED: 8100rpm
CUTTING DISTANCE: 528.63mm
RAPID DISTANCE: 112.55mm
ESTIMATED CYCLE TIME: 20s (0.9%)

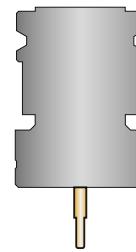
HOLDER: BT40 - B4C4-1000

**T17012** D17012 L17012

TYPE: bullnose end mill
DIAMETER: 4mm
CORNER RADIUS: 1mm
LENGTH: 30mm
FLUTES: 4
DESCRIPTION: CoroMill Dura Pavimento Tasche Laterali
VENDOR: Sandvik
PRODUCT: [1K334-0400-100-XC 1730](#)

MINIMUM Z: -16mm
MAXIMUM FEED: 1225.111mm/min
MAXIMUM SPINDLE SPEED: 8100rpm
CUTTING DISTANCE: 4069.78mm
RAPID DISTANCE: 3463.03mm
ESTIMATED CYCLE TIME: 8m:44s (22.6%)

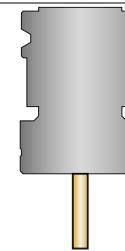
HOLDER: BT40 - B4C4-1000

**T20001** D20001 L20001

TYPE: flat end mill
DIAMETER: 8mm
LENGTH: 40mm
FLUTES: 4
DESCRIPTION: sgrossature tasche
VENDOR: sandvik
PRODUCT: [2P342-0800-PA 1730](#)

MINIMUM Z: -16mm
MAXIMUM FEED: 2756.695mm/min
MAXIMUM SPINDLE SPEED: 8100rpm
CUTTING DISTANCE: 2326.38mm
RAPID DISTANCE: 1863.58mm
ESTIMATED CYCLE TIME: 1m:28s (3.8%)

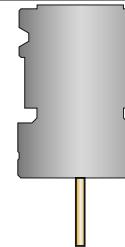
HOLDER: BT40 - B4C4-1000

**T20002** D20002 L20002

TYPE: flat end mill
DIAMETER: 4.5mm
LENGTH: 35mm
FLUTES: 4
DESCRIPTION: SGROSSATURA TASCHE PICCOLE
VENDOR: SANDVIK
PRODUCT: [1P240-0450-XA 1630](#)

MINIMUM Z: -16mm
MAXIMUM FEED: 1550.641mm/min
MAXIMUM SPINDLE SPEED: 8100rpm
CUTTING DISTANCE: 1060.68mm
RAPID DISTANCE: 663.72mm
ESTIMATED CYCLE TIME: 1m:19s (3.4%)

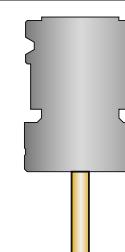
HOLDER: BT40 - B4C4-1000

**T20009** D20009 L20009

TYPE: bullnose end mill
DIAMETER: 10mm
CORNER RADIUS: 0.5mm
LENGTH: 50mm
FLUTES: 5
DESCRIPTION: FORO GRANDE
VENDOR: SANVIK
PRODUCT: [1K335-1000-050-XD 1730](#)

MINIMUM Z: -30.2mm
MAXIMUM FEED: 4307.336mm/min
MAXIMUM SPINDLE SPEED: 8100rpm
CUTTING DISTANCE: 10853.89mm
RAPID DISTANCE: 10127.33mm
ESTIMATED CYCLE TIME: 4m:39s (12%)

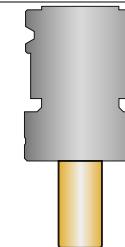
HOLDER: BT40 - B4C4-1000

**T22005** D22005 L22005

TYPE: face mill
DIAMETER: 25mm
CORNER RADIUS: 1.6mm
LENGTH: 50mm
FLUTES: 2
DESCRIPTION: Fresa per creazione foro centrale
PRODUCT: [R390-025A25-17L](#)

MINIMUM Z: -5mm
MAXIMUM FEED: 3055.775mm/min
MAXIMUM SPINDLE SPEED: 7639rpm
CUTTING DISTANCE: 2316.34mm
RAPID DISTANCE: 54.75mm
ESTIMATED CYCLE TIME: 1m:0s (2.6%)

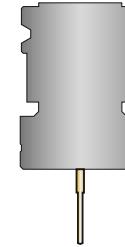
HOLDER: BT40 - B4C4-1000

**T22007** D22007 L22007

TYPE: drill
DIAMETER: 2.5mm
TIP ANGLE: 140°
LENGTH: 40mm
FLUTES: 2
DESCRIPTION: Punta per fori piccoli
PRODUCT: [862.1-2500-225A0-GM X2BL](#)

MINIMUM Z: -20.91mm
MAXIMUM FEED: 465.75mm/min
MAXIMUM SPINDLE SPEED: 8100rpm
CUTTING DISTANCE: 627.3mm
RAPID DISTANCE: 1311.37mm
ESTIMATED CYCLE TIME: 1m:37s (4.2%)

HOLDER: BT40 - B4C4-1000

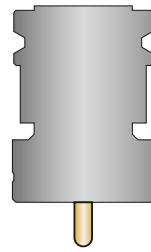


T22014 D22014 L22014

TYPE: ball end mill
DIAMETER: 8mm
CORNER RADIUS: 4mm
LENGTH: 20mm
FLUTES: 4
DESCRIPTION: nervatura tonda
VENDOR: mitsubishi
PRODUCT: [fresa a punta tonda VQ4SVBR04000](#)

MINIMUM Z: -15.82mm
MAXIMUM FEED: 1900mm/min
MAXIMUM SPINDLE SPEED: 8100rpm
CUTTING DISTANCE: 1275.89mm
RAPID DISTANCE: 657.67mm
ESTIMATED CYCLE TIME: 1m:6s (2.8%)

HOLDER: BT40 - B4C4-1000



Operations

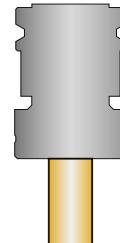
Operation 1/21

DESCRIPTION: Roughing
STRATEGY: Facing
WCS: #0
TOLERANCE: 0.01mm
MAXIMUM STEPDOWN: 15.7mm
MAXIMUM STEPOVER: 18.75mm

MAXIMUM Z: 15mm
MINIMUM Z: -4.75mm
MAXIMUM SPINDLE SPEED: 7639rpm
MAXIMUM FEEDRATE: 3055.775mm/min
CUTTING DISTANCE: 1253.14mm
RAPID DISTANCE: 27.25mm
ESTIMATED CYCLE TIME: 25s (1.1%)
COOLANT: Flood

T22005 D22005 L22005

TYPE: face mill
DIAMETER: 25mm
CORNER RADIUS: 1.6mm
LENGTH: 50mm
FLUTES: 2
DESCRIPTION: Fresa per creazione foro centrale
PRODUCT: [R390-025A25-17L](#)



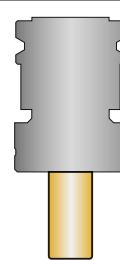
Operation 2/21

DESCRIPTION: Finishing
STRATEGY: Facing
WCS: #0
TOLERANCE: 0.01mm
MAXIMUM STEPOVER: 22.5mm

MAXIMUM Z: 15mm
MINIMUM Z: -5mm
MAXIMUM SPINDLE SPEED: 7639rpm
MAXIMUM FEEDRATE: 1909.859mm/min
CUTTING DISTANCE: 1063.2mm
RAPID DISTANCE: 27.5mm
ESTIMATED CYCLE TIME: 34s (1.5%)
COOLANT: Flood

T22005 D22005 L22005

TYPE: face mill
DIAMETER: 25mm
CORNER RADIUS: 1.6mm
LENGTH: 50mm
FLUTES: 2
DESCRIPTION: Fresa per creazione foro centrale
PRODUCT: [R390-025A25-17L](#)



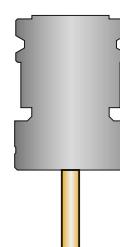
Operation 3/21

DESCRIPTION: Roughing
STRATEGY: Adaptive
WCS: #0
TOLERANCE: 0.1mm
STOCK TO LEAVE: 0.25mm
MAXIMUM STEPDOWN: 5.15mm
OPTIMAL LOAD: 9.5mm
LOAD DEVIATION: 0.25mm

MAXIMUM Z: 15mm
MINIMUM Z: -30.2mm
MAXIMUM SPINDLE SPEED: 8100rpm
MAXIMUM FEEDRATE: 4307.336mm/min
CUTTING DISTANCE: 10853.89mm
RAPID DISTANCE: 10127.33mm
ESTIMATED CYCLE TIME: 4m:39s (12%)
COOLANT: Flood

T20009 D20009 L20009

TYPE: bullnose end mill
DIAMETER: 10mm
CORNER RADIUS: 0.5mm
LENGTH: 50mm
FLUTES: 5
DESCRIPTION: FORO GRANDE
VENDOR: SANVIK
PRODUCT: [1K335-1000-050-XD 1730](#)



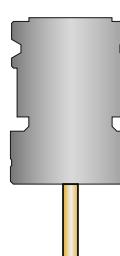
Operation 4/21

DESCRIPTION: Roughing1
STRATEGY: Adaptive
WCS: #0
TOLERANCE: 0.1mm
STOCK TO LEAVE: 0.25mm
MAXIMUM STEPDOWN: 5.38mm
OPTIMAL LOAD: 7.6mm
LOAD DEVIATION: 0.2mm

MAXIMUM Z: 15mm
MINIMUM Z: -15.75mm
MAXIMUM SPINDLE SPEED: 8100rpm
MAXIMUM FEEDRATE: 2756.695mm/min
CUTTING DISTANCE: 1757.83mm
RAPID DISTANCE: 1423.61mm
ESTIMATED CYCLE TIME: 57s (2.5%)
COOLANT: Flood

T20001 D20001 L20001

TYPE: flat end mill
DIAMETER: 8mm
LENGTH: 40mm
FLUTES: 4
DESCRIPTION: sgrossature tasche
VENDOR: sandvik
PRODUCT: [2P342-0800-PA 1730](#)



Operation 5/21

DESCRIPTION: Roughing2
STRATEGY: Adaptive
WCS: #0
TOLERANCE: 0.1mm
STOCK TO LEAVE: 0.25mm
MAXIMUM STEPDOWN: 4.95mm
OPTIMAL LOAD: 1.13mm
LOAD DEVIATION: 0.11mm

MAXIMUM Z: 15mm
MINIMUM Z: -15.75mm
MAXIMUM SPINDLE SPEED: 8100rpm
MAXIMUM FEEDRATE: 1863.488mm/min
CUTTING DISTANCE: 3651.64mm
RAPID DISTANCE: 1201.95mm
ESTIMATED CYCLE TIME: 4m:20s (11.2%)
COOLANT: Flood

T17003 D17003 L17003

TYPE: flat end mill
DIAMETER: 5mm
LENGTH: 21mm
FLUTES: 4
DESCRIPTION: CoroMill Dura Tasche
VENDOR: Sandvik
PRODUCT: [2P342-0500-PA 1730](#)



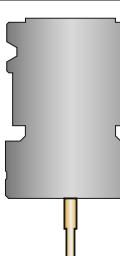
Operation 6/21

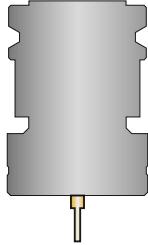
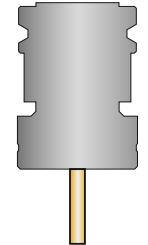
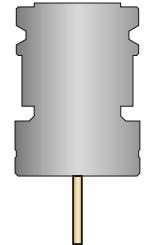
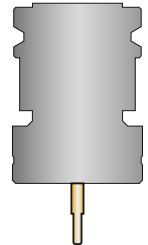
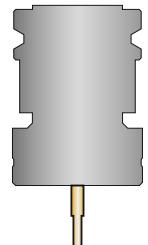
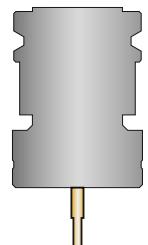
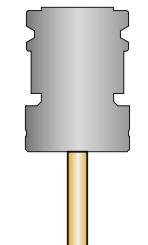
DESCRIPTION: Roughing3
STRATEGY: Adaptive
WCS: #0
TOLERANCE: 0.1mm
STOCK TO LEAVE: 0.25mm
MAXIMUM STEPDOWN: 0.6mm
OPTIMAL LOAD: 2.85mm
LOAD DEVIATION: 0.28mm

MAXIMUM Z: 15mm
MINIMUM Z: -15.75mm
MAXIMUM SPINDLE SPEED: 8100rpm
MAXIMUM FEEDRATE: 1225.111mm/min
CUTTING DISTANCE: 3123.46mm
RAPID DISTANCE: 1894.37mm
ESTIMATED CYCLE TIME: 6m:57s (18%)
COOLANT: Flood

T17012 D17012 L17012

TYPE: bullnose end mill
DIAMETER: 4mm
CORNER RADIUS: 1mm
LENGTH: 30mm
FLUTES: 4
DESCRIPTION: CoroMill Dura Pavimento TascheLaterali
VENDOR: Sandvik
PRODUCT: [1K334-0400-100-XC 1730](#)



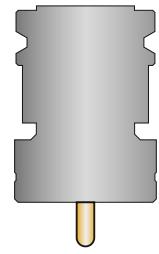
| | | | |
|--|--|---|---|
| Operation 7/21 DESCRIPTION: Roughing4 STRATEGY: Adaptive WCS: #0 TOLERANCE: 0.1mm STOCK TO LEAVE: 0.25mm MAXIMUM STEPDOWN: 5mm OPTIMAL LOAD: 0.09mm LOAD DEVIATION: 0.01mm | MAXIMUM Z: 15mm MINIMUM Z: -15.75mm MAXIMUM SPINDLE SPEED: 8100rpm MAXIMUM FEEDRATE: 304.409mm/min CUTTING DISTANCE: 3000.63mm RAPID DISTANCE: 613.84mm ESTIMATED CYCLE TIME: 9m:59s (25.8%) COOLANT: Flood | T17002 D17002 L17002 TYPE: flat end mill DIAMETER: 2.5mm LENGTH: 21mm FLUTES: 2 DESCRIPTION: CoroMill Plura TascaPiccola VENDOR: Sandvik PRODUCT: 1P250-0250-XA 1630 |  |
| Operation 8/21 DESCRIPTION: Flat WCS: #0 TOLERANCE: 0.01mm STOCK TO LEAVE: 0.27mm/0mm MAXIMUM STEPOVER: 5.6mm | MAXIMUM Z: 15mm MINIMUM Z: -16mm MAXIMUM SPINDLE SPEED: 8100rpm MAXIMUM FEEDRATE: 2370.136mm/min CUTTING DISTANCE: 292.12mm RAPID DISTANCE: 251.5mm ESTIMATED CYCLE TIME: 12s (0.5%) COOLANT: Flood | T20001 D20001 L20001 TYPE: flat end mill DIAMETER: 8mm LENGTH: 40mm FLUTES: 4 DESCRIPTION: sgrossature tasche VENDOR: sandvik PRODUCT: 2P342-0800-PA 1730 |  |
| Operation 9/21 DESCRIPTION: Flat1 WCS: #0 TOLERANCE: 0.01mm STOCK TO LEAVE: 0.27mm/0mm MAXIMUM STEPOVER: 3.15mm | MAXIMUM Z: 15mm MINIMUM Z: -16mm MAXIMUM SPINDLE SPEED: 8100rpm MAXIMUM FEEDRATE: 1550.641mm/min CUTTING DISTANCE: 462.08mm RAPID DISTANCE: 407.79mm ESTIMATED CYCLE TIME: 24s (1%) COOLANT: Flood | T20002 D20002 L20002 TYPE: flat end mill DIAMETER: 4.5mm LENGTH: 35mm FLUTES: 4 DESCRIPTION: SGROSSATURA TASCHE PICCOLE VENDOR: SANDVIK PRODUCT: 1P240-0450-XA 1630 |  |
| Operation 10/21 DESCRIPTION: Flat2 WCS: #0 TOLERANCE: 0.01mm STOCK TO LEAVE: 0.27mm/0mm MAXIMUM STEPOVER: 1.4mm | MAXIMUM Z: 15mm MINIMUM Z: -16mm MAXIMUM SPINDLE SPEED: 8100rpm MAXIMUM FEEDRATE: 648mm/min CUTTING DISTANCE: 619.35mm RAPID DISTANCE: 1243.42mm ESTIMATED CYCLE TIME: 1m:15s (3.2%) COOLANT: Flood | T17012 D17012 L17012 TYPE: bullnose end mill DIAMETER: 4mm CORNER RADIUS: 1mm LENGTH: 30mm FLUTES: 4 DESCRIPTION: CoroMill Dura Pavimento TascheLaterali VENDOR: Sandvik PRODUCT: 1K334-0400-100-XC 1730 |  |
| Operation 11/21 DESCRIPTION: Wall STRATEGY: Contour 2D WCS: #0 TOLERANCE: 0.01mm STOCK TO LEAVE: 0mm MAXIMUM STEPDOWN: 8mm MAXIMUM STEPOVER: 1.9mm | MAXIMUM Z: 11.8mm MINIMUM Z: -16mm MAXIMUM SPINDLE SPEED: 8100rpm MAXIMUM FEEDRATE: 1036.8mm/min CUTTING DISTANCE: 114.82mm RAPID DISTANCE: 92.23mm ESTIMATED CYCLE TIME: 11s (0.5%) COOLANT: Flood | T17012 D17012 L17012 TYPE: bullnose end mill DIAMETER: 4mm CORNER RADIUS: 1mm LENGTH: 30mm FLUTES: 4 DESCRIPTION: CoroMill Dura Pavimento TascheLaterali VENDOR: Sandvik PRODUCT: 1K334-0400-100-XC 1730 |  |
| Operation 12/21 DESCRIPTION: Wall1 STRATEGY: Contour 2D WCS: #0 TOLERANCE: 0.01mm STOCK TO LEAVE: 0mm MAXIMUM STEPDOWN: 8mm MAXIMUM STEPOVER: 1.9mm | MAXIMUM Z: 11.8mm MINIMUM Z: -16mm MAXIMUM SPINDLE SPEED: 8100rpm MAXIMUM FEEDRATE: 1036.8mm/min CUTTING DISTANCE: 212.15mm RAPID DISTANCE: 233.01mm ESTIMATED CYCLE TIME: 21s (0.9%) COOLANT: Flood | T17012 D17012 L17012 TYPE: bullnose end mill DIAMETER: 4mm CORNER RADIUS: 1mm LENGTH: 30mm FLUTES: 4 DESCRIPTION: CoroMill Dura Pavimento TascheLaterali VENDOR: Sandvik PRODUCT: 1K334-0400-100-XC 1730 |  |
| Operation 13/21 DESCRIPTION: Wall2 STRATEGY: Contour 2D WCS: #0 TOLERANCE: 0.01mm STOCK TO LEAVE: 0mm MAXIMUM STEPDOWN: 26mm MAXIMUM STEPOVER: 11.4mm | MAXIMUM Z: 12mm MINIMUM Z: -30mm MAXIMUM SPINDLE SPEED: 8100rpm MAXIMUM FEEDRATE: 3110.4mm/min CUTTING DISTANCE: 45.46mm RAPID DISTANCE: 55.55mm ESTIMATED CYCLE TIME: 6s (0.3%) COOLANT: Flood | T17009 D17009 L17009 TYPE: flat end mill DIAMETER: 12mm LENGTH: 60mm FLUTES: 4 DESCRIPTION: CoroMill Dura Finituracontornatura VENDOR: Sandvik PRODUCT: 1K334-1200-XB 1730 |  |

| | | | |
|--|---|---|--|
| Operation 14/21 DESCRIPTION: Wall3 STRATEGY: Contour 2D WCS: #0 TOLERANCE: 0.01mm STOCK TO LEAVE: 0mm MAXIMUM STEPDOWN: 26mm MAXIMUM STEPOVER: 11.4mm | MAXIMUM Z: 12mm MINIMUM Z: -30.2mm MAXIMUM SPINDLE SPEED: 8100rpm MAXIMUM FEEDRATE: 3110.4mm/min CUTTING DISTANCE: 483.17mm RAPID DISTANCE: 57mm ESTIMATED CYCLE TIME: 14s (0.6%) COOLANT: Flood | T17009 D17009 L17009 TYPE: flat end mill DIAMETER: 12mm LENGTH: 60mm FLUTES: 4 DESCRIPTION: CoroMill Dura Finituracontornatura VENDOR: Sandvik PRODUCT: 1K334-1200-XB 1730 | |
| Operation 15/21 DESCRIPTION: Wall4 STRATEGY: Contour 2D WCS: #0 TOLERANCE: 0.01mm STOCK TO LEAVE: 0mm MAXIMUM STEPDOWN: 17.5mm MAXIMUM STEPOVER: 7.6mm | MAXIMUM Z: 12mm MINIMUM Z: -16mm MAXIMUM SPINDLE SPEED: 8100rpm MAXIMUM FEEDRATE: 1620mm/min CUTTING DISTANCE: 276.42mm RAPID DISTANCE: 188.46mm ESTIMATED CYCLE TIME: 19s (0.8%) COOLANT: Flood | T20001 D20001 L20001 TYPE: flat end mill DIAMETER: 8mm LENGTH: 40mm FLUTES: 4 DESCRIPTION: sgrossature tasche VENDOR: sandvik PRODUCT: 2P342-0800-PA 1730 | |
| Operation 16/21 DESCRIPTION: Wall5 STRATEGY: Contour 2D WCS: #0 TOLERANCE: 0.01mm STOCK TO LEAVE: 0mm MAXIMUM STEPDOWN: 8.73mm MAXIMUM STEPOVER: 4.28mm | MAXIMUM Z: 11.9mm MINIMUM Z: -16mm MAXIMUM SPINDLE SPEED: 8100rpm MAXIMUM FEEDRATE: 808.957mm/min CUTTING DISTANCE: 331.93mm RAPID DISTANCE: 62.19mm ESTIMATED CYCLE TIME: 28s (1.2%) COOLANT: Flood | T20002 D20002 L20002 TYPE: flat end mill DIAMETER: 4.5mm LENGTH: 35mm FLUTES: 4 DESCRIPTION: SGROSSATURA TASCHE PICCOLE VENDOR: SANDVIK PRODUCT: 1P240-0450-XA 1630 | |
| Operation 17/21 DESCRIPTION: Wall6 STRATEGY: Contour 2D WCS: #0 TOLERANCE: 0.01mm STOCK TO LEAVE: 0mm MAXIMUM STEPDOWN: 8.73mm MAXIMUM STEPOVER: 4.28mm | MAXIMUM Z: 11.9mm MINIMUM Z: -16mm MAXIMUM SPINDLE SPEED: 8100rpm MAXIMUM FEEDRATE: 808.957mm/min CUTTING DISTANCE: 266.66mm RAPID DISTANCE: 193.74mm ESTIMATED CYCLE TIME: 27s (1.2%) COOLANT: Flood | T20002 D20002 L20002 TYPE: flat end mill DIAMETER: 4.5mm LENGTH: 35mm FLUTES: 4 DESCRIPTION: SGROSSATURA TASCHE PICCOLE VENDOR: SANDVIK PRODUCT: 1P240-0450-XA 1630 | |
| Operation 18/21 DESCRIPTION: Holesmaking STRATEGY: Bore WCS: #0 TOLERANCE: 0.01mm STOCK TO LEAVE: 0mm | MAXIMUM Z: 15mm MINIMUM Z: -30.5mm MAXIMUM SPINDLE SPEED: 7639rpm MAXIMUM FEEDRATE: 3055.775mm/min CUTTING DISTANCE: 1257.85mm RAPID DISTANCE: 59.5mm ESTIMATED CYCLE TIME: 26s (1.1%) COOLANT: Flood | T17007 D17007 L17007 TYPE: flat end mill DIAMETER: 25mm LENGTH: 60mm FLUTES: 2 DESCRIPTION: CoroMill 390 Finituraforogrande VENDOR: Sandvik PRODUCT: R390-025A25-17L | |
| Operation 19/21 DESCRIPTION: Holesmaking1 STRATEGY: Drilling WCS: #0 TOLERANCE: 0.01mm STOCK TO LEAVE: 0mm | MAXIMUM Z: 15mm MINIMUM Z: -20.91mm MAXIMUM SPINDLE SPEED: 8100rpm MAXIMUM FEEDRATE: 465.75mm/min CUTTING DISTANCE: 627.3mm RAPID DISTANCE: 1311.37mm ESTIMATED CYCLE TIME: 1m:37s (4.2%) COOLANT: Flood | T22007 D22007 L22007 TYPE: drill DIAMETER: 2.5mm TIP ANGLE: 140° LENGTH: 40mm FLUTES: 2 DESCRIPTION: Punta per fori piccoli PRODUCT: 862.1-2500-225A0-GM X2BL | |
| Operation 20/21 DESCRIPTION: Freeform STRATEGY: Contour WCS: #0 TOLERANCE: 0.01mm STOCK TO LEAVE: 0mm MAXIMUM STEPDOWN: 0.56mm | MAXIMUM Z: 15mm MINIMUM Z: -15.82mm MAXIMUM SPINDLE SPEED: 8100rpm MAXIMUM FEEDRATE: 1900mm/min CUTTING DISTANCE: 853.68mm RAPID DISTANCE: 557.9mm ESTIMATED CYCLE TIME: 45s (1.9%) COOLANT: Flood | T22014 D22014 L22014 TYPE: ball end mill DIAMETER: 8mm CORNER RADIUS: 4mm LENGTH: 20mm FLUTES: 4 DESCRIPTION: nervatura tonda VENDOR: mitsubishi PRODUCT: fresa a punta tonda VQ4SVBR04000 | |

Operation 21/21
DESCRIPTION: Freeform1
STRATEGY: Scallop
WCS: #0
TOLERANCE: 0.01mm
STOCK TO LEAVE: 0mm
MAXIMUM STEPOVER: 0.28mm

MAXIMUM Z: 15mm
MINIMUM Z: -7.08mm
MAXIMUM SPINDLE SPEED: 8100rpm
MAXIMUM FEEDRATE: 1900mm/min
CUTTING DISTANCE: 422.21mm
RAPID DISTANCE: 99.77mm
ESTIMATED CYCLE TIME: 21s (0.9%)
COOLANT: Flood

T22014 D22014 L22014
TYPE: ball end mill
DIAMETER: 8mm
CORNER RADIUS: 4mm
LENGTH: 20mm
FLUTES: 4
DESCRIPTION: nervatura tonda
VENDOR: mitsubishi
PRODUCT: [fresa a punta tonda VQ4SVBR04000](#)



Generated by [Fusion CAM 2606.1.36](#) 23/2/2026 10:54:27

Setup Sheet for Program 1002

JOB DESCRIPTION: AutoSetup 2

DOCUMENT PATH: X_NC01-FORI_EDIT_121007 v7

Setup

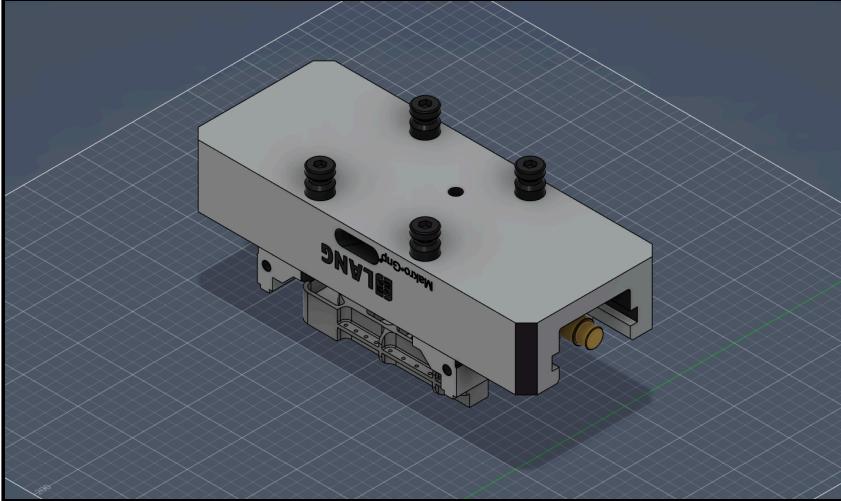
WCS: #0

STOCK:
DX: 160mm
DY: 95mm
DZ: 35mm

PART:
DX: 150mm
DY: 84.87mm
DZ: 25mm

STOCK LOWER IN WCS #0:
X: -80mm
Y: -47.5mm
Z: -35mm

STOCK UPPER IN WCS #0:
X: 80mm
Y: 47.5mm
Z: 0mm



Total

NUMBER OF OPERATIONS: 15

NUMBER OF TOOLS: 7

TOOLS: T17002 T17003 T17012 T20001 T20002 T22001 T22014

MAXIMUM Z: 15mm

MINIMUM Z: -16mm

MAXIMUM FEEDRATE: 2756.695mm/min

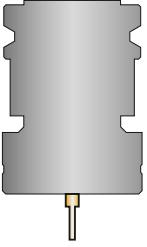
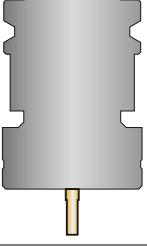
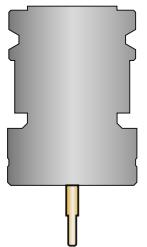
MAXIMUM SPINDLE SPEED: 8100rpm

CUTTING DISTANCE: 28729.64mm

RAPID DISTANCE: 15537.96mm

ESTIMATED CYCLE TIME: 39m:32s

Tools

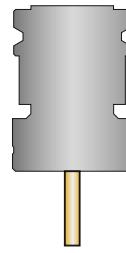
| | | | |
|--|--|--------------------------|---|
| T17002 D17002 L17002 TYPE: flat end mill DIAMETER: 2.5mm LENGTH: 21mm FLUTES: 2 DESCRIPTION: CoroMill Plura Tascapiccola VENDOR: Sandvik PRODUCT: 1P250-0250-XA 1630 | MINIMUM Z: -15.75mm MAXIMUM FEED: 304.409mm/min MAXIMUM SPINDLE SPEED: 8100rpm CUTTING DISTANCE: 3052.2mm RAPID DISTANCE: 1016.71mm ESTIMATED CYCLE TIME: 10m:14s (25.9%) | HOLDER: BT40 - B4C4-1000 |  |
| T17003 D17003 L17003 TYPE: flat end mill DIAMETER: 5mm LENGTH: 21mm FLUTES: 4 DESCRIPTION: CoroMill Dura Tasche VENDOR: Sandvik PRODUCT: 2P342-0500-PA 1730 | MINIMUM Z: -15.75mm MAXIMUM FEED: 1863.488mm/min MAXIMUM SPINDLE SPEED: 8100rpm CUTTING DISTANCE: 5366.8mm RAPID DISTANCE: 1635.91mm ESTIMATED CYCLE TIME: 7m:31s (19%) | HOLDER: BT40 - B4C4-1000 |  |
| T17012 D17012 L17012 TYPE: bullnose end mill DIAMETER: 4mm CORNER RADIUS: 1mm LENGTH: 30mm FLUTES: 4 DESCRIPTION: CoroMill Dura Pavimento Tasche Laterali VENDOR: Sandvik PRODUCT: 1K334-0400-100-XC 1730 | MINIMUM Z: -16mm MAXIMUM FEED: 1225.111mm/min MAXIMUM SPINDLE SPEED: 8100rpm CUTTING DISTANCE: 4235.17mm RAPID DISTANCE: 3574.52mm ESTIMATED CYCLE TIME: 9m:4s (23%) | HOLDER: BT40 - B4C4-1000 |  |

T20001 D20001 L20001

TYPE: flat end mill
DIAMETER: 8mm
LENGTH: 40mm
FLUTES: 4
DESCRIPTION: sgrossatura tasche
VENDOR: sandvik
PRODUCT: [2P342-0800-PA 1730](#)

MINIMUM Z: -16mm
MAXIMUM FEED: 2756.695mm/min
MAXIMUM SPINDLE SPEED: 8100rpm
CUTTING DISTANCE: 13411.61mm
RAPID DISTANCE: 7281.46mm
ESTIMATED CYCLE TIME: 6m:58s (17.6%)

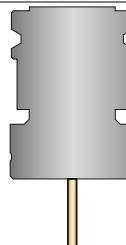
HOLDER: BT40 - B4C4-1000

**T20002** D20002 L20002

TYPE: flat end mill
DIAMETER: 4.5mm
LENGTH: 35mm
FLUTES: 4
DESCRIPTION: SGROSSATURA TASCHE PICCOLE
VENDOR: SANDVIK
PRODUCT: [1P240-0450-XA 1630](#)

MINIMUM Z: -16mm
MAXIMUM FEED: 1550.641mm/min
MAXIMUM SPINDLE SPEED: 8100rpm
CUTTING DISTANCE: 1061.95mm
RAPID DISTANCE: 588.42mm
ESTIMATED CYCLE TIME: 1m:19s (3.3%)

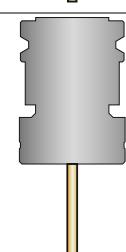
HOLDER: BT40 - B4C4-1000

**T22001** D22001 L22001

TYPE: flat end mill
DIAMETER: 6mm
LENGTH: 57mm
FLUTES: 5
DESCRIPTION: finitura_contorno
VENDOR: sandvik
PRODUCT: [2N342-0600-PC 1730](#)

MINIMUM Z: -8.45mm
MAXIMUM FEED: 748.918mm/min
MAXIMUM SPINDLE SPEED: 8100rpm
CUTTING DISTANCE: 331.31mm
RAPID DISTANCE: 784.45mm
ESTIMATED CYCLE TIME: 36s (1.5%)

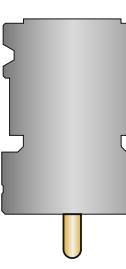
HOLDER: BT40 - B4C4-1000

**T22014** D22014 L22014

TYPE: ball end mill
DIAMETER: 8mm
CORNER RADIUS: 4mm
LENGTH: 20mm
FLUTES: 4
DESCRIPTION: nervatura tonda
VENDOR: mitsubishi
PRODUCT: [fresa a punta tonda VQ4SVBR04000](#)

MINIMUM Z: -15.82mm
MAXIMUM FEED: 1900mm/min
MAXIMUM SPINDLE SPEED: 8100rpm
CUTTING DISTANCE: 1270.6mm
RAPID DISTANCE: 656.51mm
ESTIMATED CYCLE TIME: 1m:5s (2.8%)

HOLDER: BT40 - B4C4-1000



Operations

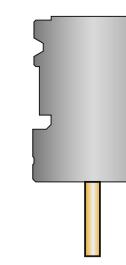
Operation 1/15

DESCRIPTION: Roughing
STRATEGY: Adaptive
WCS: #0
TOLERANCE: 0.1mm
STOCK TO LEAVE: 0.25mm
MAXIMUM STEPDOWN: 5.38mm
OPTIMAL LOAD: 7.6mm
LOAD DEVIATION: 0.2mm

MAXIMUM Z: 15mm
MINIMUM Z: -16mm
MAXIMUM SPINDLE SPEED: 8100rpm
MAXIMUM FEEDRATE: 2756.695mm/min
CUTTING DISTANCE: 11499mm
RAPID DISTANCE: 6647.99mm
ESTIMATED CYCLE TIME: 5m:49s (14.7%)
COOLANT: Flood

T20001 D20001 L20001

TYPE: flat end mill
DIAMETER: 8mm
LENGTH: 40mm
FLUTES: 4
DESCRIPTION: sgrossatura tasche
VENDOR: sandvik
PRODUCT: [2P342-0800-PA 1730](#)



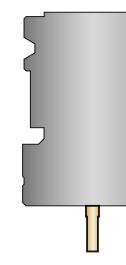
Operation 2/15

DESCRIPTION: Roughing1
STRATEGY: Adaptive
WCS: #0
TOLERANCE: 0.1mm
STOCK TO LEAVE: 0.25mm
MAXIMUM STEPDOWN: 4.95mm
OPTIMAL LOAD: 1.13mm
LOAD DEVIATION: 0.11mm

MAXIMUM Z: 15mm
MINIMUM Z: -15.75mm
MAXIMUM SPINDLE SPEED: 8100rpm
MAXIMUM FEEDRATE: 1863.488mm/min
CUTTING DISTANCE: 5366.8mm
RAPID DISTANCE: 1635.91mm
ESTIMATED CYCLE TIME: 7m:31s (19%)
COOLANT: Flood

T17003 D17003 L17003

TYPE: flat end mill
DIAMETER: 5mm
LENGTH: 21mm
FLUTES: 4
DESCRIPTION: CoroMill Dura Tasche
VENDOR: Sandvik
PRODUCT: [2P342-0500-PA 1730](#)



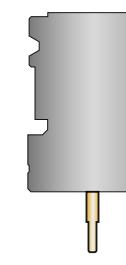
Operation 3/15

DESCRIPTION: Roughing2
STRATEGY: Adaptive
WCS: #0
TOLERANCE: 0.1mm
STOCK TO LEAVE: 0.25mm
MAXIMUM STEPDOWN: 0.6mm
OPTIMAL LOAD: 2.85mm
LOAD DEVIATION: 0.28mm

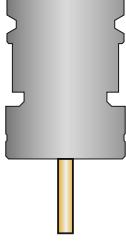
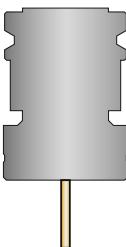
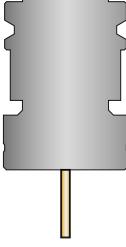
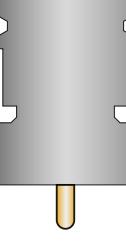
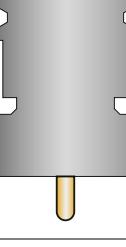
MAXIMUM Z: 15mm
MINIMUM Z: -15.75mm
MAXIMUM SPINDLE SPEED: 8100rpm
MAXIMUM FEEDRATE: 1225.111mm/min
CUTTING DISTANCE: 3289.12mm
RAPID DISTANCE: 2003.88mm
ESTIMATED CYCLE TIME: 7m:18s (18.5%)
COOLANT: Flood

T17012 D17012 L17012

TYPE: bullnose end mill
DIAMETER: 4mm
CORNER RADIUS: 1mm
LENGTH: 30mm
FLUTES: 4
DESCRIPTION: CoroMill Dura PavimentoTascheLaterali
VENDOR: Sandvik
PRODUCT: [1K334-0400-100-XC 1730](#)



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|---|--|---|--|
| <p>Operation 4/15</p> <p>DESCRIPTION: Roughing3</p> <p>STRATEGY: Adaptive</p> <p>WCS: #0</p> <p>TOLERANCE: 0.1mm</p> <p>STOCK TO LEAVE: 0.25mm</p> <p>MAXIMUM STEPDOWN: 5mm</p> <p>OPTIMAL LOAD: 0.09mm</p> <p>LOAD DEVIATION: 0.01mm</p> | <p>MAXIMUM Z: 15mm</p> <p>MINIMUM Z: -15.75mm</p> <p>MAXIMUM SPINDLE SPEED: 8100rpm</p> <p>MAXIMUM FEEDRATE: 304.409mm/min</p> <p>CUTTING DISTANCE: 3052.2mm</p> <p>RAPID DISTANCE: 1016.71mm</p> <p>ESTIMATED CYCLE TIME: 10m:14s (25.9%)</p> <p>COOLANT: Flood</p> | <p>T17002 D17002 L17002</p> <p>TYPE: flat end mill</p> <p>DIAMETER: 2.5mm</p> <p>LENGTH: 21mm</p> <p>FLUTES: 2</p> <p>DESCRIPTION: CoroMill Plura TascaPiccola</p> <p>VENDOR: Sandvik</p> <p>PRODUCT: 1P250-0250-XA 1630</p> | |
| <p>Operation 5/15</p> <p>DESCRIPTION: Roughing4</p> <p>STRATEGY: Adaptive</p> <p>WCS: #0</p> <p>TOLERANCE: 0.1mm</p> <p>STOCK TO LEAVE: 0.25mm</p> <p>MAXIMUM STEPDOWN: 0.33mm</p> <p>OPTIMAL LOAD: 4.5mm</p> <p>LOAD DEVIATION: 0.45mm</p> | <p>MAXIMUM Z: 15mm</p> <p>MINIMUM Z: -8.45mm</p> <p>MAXIMUM SPINDLE SPEED: 8100rpm</p> <p>MAXIMUM FEEDRATE: 748.918mm/min</p> <p>CUTTING DISTANCE: 331.31mm</p> <p>RAPID DISTANCE: 784.45mm</p> <p>ESTIMATED CYCLE TIME: 36s (1.5%)</p> <p>COOLANT: Flood</p> | <p>T22001 D22001 L22001</p> <p>TYPE: flat end mill</p> <p>DIAMETER: 6mm</p> <p>LENGTH: 57mm</p> <p>FLUTES: 5</p> <p>DESCRIPTION: finitura_contorno</p> <p>VENDOR: sandvik</p> <p>PRODUCT: 2N342-0600-PC 1730</p> | |
| <p>Operation 6/15</p> <p>DESCRIPTION: Flat</p> <p>WCS: #0</p> <p>TOLERANCE: 0.01mm</p> <p>STOCK TO LEAVE: 0.27mm/0mm</p> <p>MAXIMUM STEPOVER: 5.6mm</p> | <p>MAXIMUM Z: 15mm</p> <p>MINIMUM Z: -16mm</p> <p>MAXIMUM SPINDLE SPEED: 8100rpm</p> <p>MAXIMUM FEEDRATE: 2370.136mm/min</p> <p>CUTTING DISTANCE: 1636.19mm</p> <p>RAPID DISTANCE: 389.74mm</p> <p>ESTIMATED CYCLE TIME: 49s (2.1%)</p> <p>COOLANT: Flood</p> | <p>T20001 D20001 L20001</p> <p>TYPE: flat end mill</p> <p>DIAMETER: 8mm</p> <p>LENGTH: 40mm</p> <p>FLUTES: 4</p> <p>DESCRIPTION: sgrossature tasche</p> <p>VENDOR: sandvik</p> <p>PRODUCT: 2P342-0800-PA 1730</p> | |
| <p>Operation 7/15</p> <p>DESCRIPTION: Flat1</p> <p>WCS: #0</p> <p>TOLERANCE: 0.01mm</p> <p>STOCK TO LEAVE: 0.27mm/0mm</p> <p>MAXIMUM STEPOVER: 3.15mm</p> | <p>MAXIMUM Z: 15mm</p> <p>MINIMUM Z: -16mm</p> <p>MAXIMUM SPINDLE SPEED: 8100rpm</p> <p>MAXIMUM FEEDRATE: 1550.641mm/min</p> <p>CUTTING DISTANCE: 463.35mm</p> <p>RAPID DISTANCE: 349.39mm</p> <p>ESTIMATED CYCLE TIME: 23s (1%)</p> <p>COOLANT: Flood</p> | <p>T20002 D20002 L20002</p> <p>TYPE: flat end mill</p> <p>DIAMETER: 4.5mm</p> <p>LENGTH: 35mm</p> <p>FLUTES: 4</p> <p>DESCRIPTION: SGROSSATURA TASCHE PICCOLE</p> <p>VENDOR: SANDVIK</p> <p>PRODUCT: 1P240-0450-XA 1630</p> | |
| <p>Operation 8/15</p> <p>DESCRIPTION: Flat2</p> <p>WCS: #0</p> <p>TOLERANCE: 0.01mm</p> <p>STOCK TO LEAVE: 0.27mm/0mm</p> <p>MAXIMUM STEPOVER: 1.4mm</p> | <p>MAXIMUM Z: 15mm</p> <p>MINIMUM Z: -16mm</p> <p>MAXIMUM SPINDLE SPEED: 8100rpm</p> <p>MAXIMUM FEEDRATE: 648mm/min</p> <p>CUTTING DISTANCE: 619.07mm</p> <p>RAPID DISTANCE: 1245.4mm</p> <p>ESTIMATED CYCLE TIME: 1m:15s (3.2%)</p> <p>COOLANT: Flood</p> | <p>T17012 D17012 L17012</p> <p>TYPE: bullnose end mill</p> <p>DIAMETER: 4mm</p> <p>CORNER RADIUS: 1mm</p> <p>LENGTH: 30mm</p> <p>FLUTES: 4</p> <p>DESCRIPTION: CoroMill Dura PavimentoTascheLaterali</p> <p>VENDOR: Sandvik</p> <p>PRODUCT: 1K334-0400-100-XC 1730</p> | |
| <p>Operation 9/15</p> <p>DESCRIPTION: Wall</p> <p>STRATEGY: Contour 2D</p> <p>WCS: #0</p> <p>TOLERANCE: 0.01mm</p> <p>STOCK TO LEAVE: 0mm</p> <p>MAXIMUM STEPDOWN: 8mm</p> <p>MAXIMUM STEPOVER: 1.9mm</p> | <p>MAXIMUM Z: 11.8mm</p> <p>MINIMUM Z: -16mm</p> <p>MAXIMUM SPINDLE SPEED: 8100rpm</p> <p>MAXIMUM FEEDRATE: 1036.8mm/min</p> <p>CUTTING DISTANCE: 114.82mm</p> <p>RAPID DISTANCE: 92.23mm</p> <p>ESTIMATED CYCLE TIME: 11s (0.5%)</p> <p>COOLANT: Flood</p> | <p>T17012 D17012 L17012</p> <p>TYPE: bullnose end mill</p> <p>DIAMETER: 4mm</p> <p>CORNER RADIUS: 1mm</p> <p>LENGTH: 30mm</p> <p>FLUTES: 4</p> <p>DESCRIPTION: CoroMill Dura PavimentoTascheLaterali</p> <p>VENDOR: Sandvik</p> <p>PRODUCT: 1K334-0400-100-XC 1730</p> | |
| <p>Operation 10/15</p> <p>DESCRIPTION: Wall1</p> <p>STRATEGY: Contour 2D</p> <p>WCS: #0</p> <p>TOLERANCE: 0.01mm</p> <p>STOCK TO LEAVE: 0mm</p> <p>MAXIMUM STEPDOWN: 8mm</p> <p>MAXIMUM STEPOVER: 1.9mm</p> | <p>MAXIMUM Z: 11.8mm</p> <p>MINIMUM Z: -16mm</p> <p>MAXIMUM SPINDLE SPEED: 8100rpm</p> <p>MAXIMUM FEEDRATE: 1036.8mm/min</p> <p>CUTTING DISTANCE: 212.15mm</p> <p>RAPID DISTANCE: 233.01mm</p> <p>ESTIMATED CYCLE TIME: 21s (0.9%)</p> <p>COOLANT: Flood</p> | <p>T17012 D17012 L17012</p> <p>TYPE: bullnose end mill</p> <p>DIAMETER: 4mm</p> <p>CORNER RADIUS: 1mm</p> <p>LENGTH: 30mm</p> <p>FLUTES: 4</p> <p>DESCRIPTION: CoroMill Dura PavimentoTascheLaterali</p> <p>VENDOR: Sandvik</p> <p>PRODUCT: 1K334-0400-100-XC 1730</p> | |

| | | | |
|--|---|--|---|
| <p>Operation 11/15</p> <p>DESCRIPTION: Wall2</p> <p>STRATEGY: Contour 2D</p> <p>WCS: #0</p> <p>TOLERANCE: 0.01mm</p> <p>STOCK TO LEAVE: 0mm</p> <p>MAXIMUM STEPDOWN: 17.5mm</p> <p>MAXIMUM STEPOVER: 7.6mm</p> | <p>MAXIMUM Z: 12mm</p> <p>MINIMUM Z: -16mm</p> <p>MAXIMUM SPINDLE SPEED: 8100rpm</p> <p>MAXIMUM FEEDRATE: 1620mm/min</p> <p>CUTTING DISTANCE: 276.42mm</p> <p>RAPID DISTANCE: 243.73mm</p> <p>ESTIMATED CYCLE TIME: 20s (0.8%)</p> <p>COOLANT: Flood</p> | <p>T20001 D20001 L20001</p> <p>TYPE: flat end mill</p> <p>DIAMETER: 8mm</p> <p>LENGTH: 40mm</p> <p>FLUTES: 4</p> <p>DESCRIPTION: sgrossatura tasche</p> <p>VENDOR: sandvik</p> <p>PRODUCT: 2P342-0800-PA 1730</p> |  |
| <p>Operation 12/15</p> <p>DESCRIPTION: Wall3</p> <p>STRATEGY: Contour 2D</p> <p>WCS: #0</p> <p>TOLERANCE: 0.01mm</p> <p>STOCK TO LEAVE: 0mm</p> <p>MAXIMUM STEPDOWN: 8.73mm</p> <p>MAXIMUM STEPOVER: 4.28mm</p> | <p>MAXIMUM Z: 11.9mm</p> <p>MINIMUM Z: -16mm</p> <p>MAXIMUM SPINDLE SPEED: 8100rpm</p> <p>MAXIMUM FEEDRATE: 808.957mm/min</p> <p>CUTTING DISTANCE: 331.93mm</p> <p>RAPID DISTANCE: 62.19mm</p> <p>ESTIMATED CYCLE TIME: 28s (1.2%)</p> <p>COOLANT: Flood</p> | <p>T20002 D20002 L20002</p> <p>TYPE: flat end mill</p> <p>DIAMETER: 4.5mm</p> <p>LENGTH: 35mm</p> <p>FLUTES: 4</p> <p>DESCRIPTION: SGROSSATURA TASCHE PICCOLE</p> <p>VENDOR: SANDVIK</p> <p>PRODUCT: 1P240-0450-XA 1630</p> |  |
| <p>Operation 13/15</p> <p>DESCRIPTION: Wall4</p> <p>STRATEGY: Contour 2D</p> <p>WCS: #0</p> <p>TOLERANCE: 0.01mm</p> <p>STOCK TO LEAVE: 0mm</p> <p>MAXIMUM STEPDOWN: 8.73mm</p> <p>MAXIMUM STEPOVER: 4.28mm</p> | <p>MAXIMUM Z: 11.9mm</p> <p>MINIMUM Z: -16mm</p> <p>MAXIMUM SPINDLE SPEED: 8100rpm</p> <p>MAXIMUM FEEDRATE: 808.957mm/min</p> <p>CUTTING DISTANCE: 266.66mm</p> <p>RAPID DISTANCE: 176.84mm</p> <p>ESTIMATED CYCLE TIME: 27s (1.1%)</p> <p>COOLANT: Flood</p> | <p>T20002 D20002 L20002</p> <p>TYPE: flat end mill</p> <p>DIAMETER: 4.5mm</p> <p>LENGTH: 35mm</p> <p>FLUTES: 4</p> <p>DESCRIPTION: SGROSSATURA TASCHE PICCOLE</p> <p>VENDOR: SANDVIK</p> <p>PRODUCT: 1P240-0450-XA 1630</p> |  |
| <p>Operation 14/15</p> <p>DESCRIPTION: Freeform</p> <p>STRATEGY: Contour</p> <p>WCS: #0</p> <p>TOLERANCE: 0.01mm</p> <p>STOCK TO LEAVE: 0mm</p> <p>MAXIMUM STEPDOWN: 0.56mm</p> | <p>MAXIMUM Z: 15mm</p> <p>MINIMUM Z: -15.82mm</p> <p>MAXIMUM SPINDLE SPEED: 8100rpm</p> <p>MAXIMUM FEEDRATE: 1900mm/min</p> <p>CUTTING DISTANCE: 853.56mm</p> <p>RAPID DISTANCE: 557.83mm</p> <p>ESTIMATED CYCLE TIME: 45s (1.9%)</p> <p>COOLANT: Flood</p> | <p>T22014 D22014 L22014</p> <p>TYPE: ball end mill</p> <p>DIAMETER: 8mm</p> <p>CORNER RADIUS: 4mm</p> <p>LENGTH: 20mm</p> <p>FLUTES: 4</p> <p>DESCRIPTION: nervatura tonda</p> <p>VENDOR: mitsubishi</p> <p>PRODUCT: fresa a punta tonda VQ4SVBR04000</p> |  |
| <p>Operation 15/15</p> <p>DESCRIPTION: Freeform1</p> <p>STRATEGY: Scallop</p> <p>WCS: #0</p> <p>TOLERANCE: 0.01mm</p> <p>STOCK TO LEAVE: 0mm</p> <p>MAXIMUM STEPOVER: 0.28mm</p> | <p>MAXIMUM Z: 15mm</p> <p>MINIMUM Z: -7.08mm</p> <p>MAXIMUM SPINDLE SPEED: 8100rpm</p> <p>MAXIMUM FEEDRATE: 1900mm/min</p> <p>CUTTING DISTANCE: 417.03mm</p> <p>RAPID DISTANCE: 98.69mm</p> <p>ESTIMATED CYCLE TIME: 21s (0.9%)</p> <p>COOLANT: Flood</p> | <p>T22014 D22014 L22014</p> <p>TYPE: ball end mill</p> <p>DIAMETER: 8mm</p> <p>CORNER RADIUS: 4mm</p> <p>LENGTH: 20mm</p> <p>FLUTES: 4</p> <p>DESCRIPTION: nervatura tonda</p> <p>VENDOR: mitsubishi</p> <p>PRODUCT: fresa a punta tonda VQ4SVBR04000</p> |  |

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