# UM

# TOOL CHANGE PARTS

## FOR MACHINES BRANDED SIDEL*

Our partners :

Covirep Sa

*UM is not a license of Sidel nor have UM parts been approved or authorized by Sidel.

# OUR PARTNERS

UM

BMR

D.I.E.C.

RMS ENGINEERING SOLUTIONS

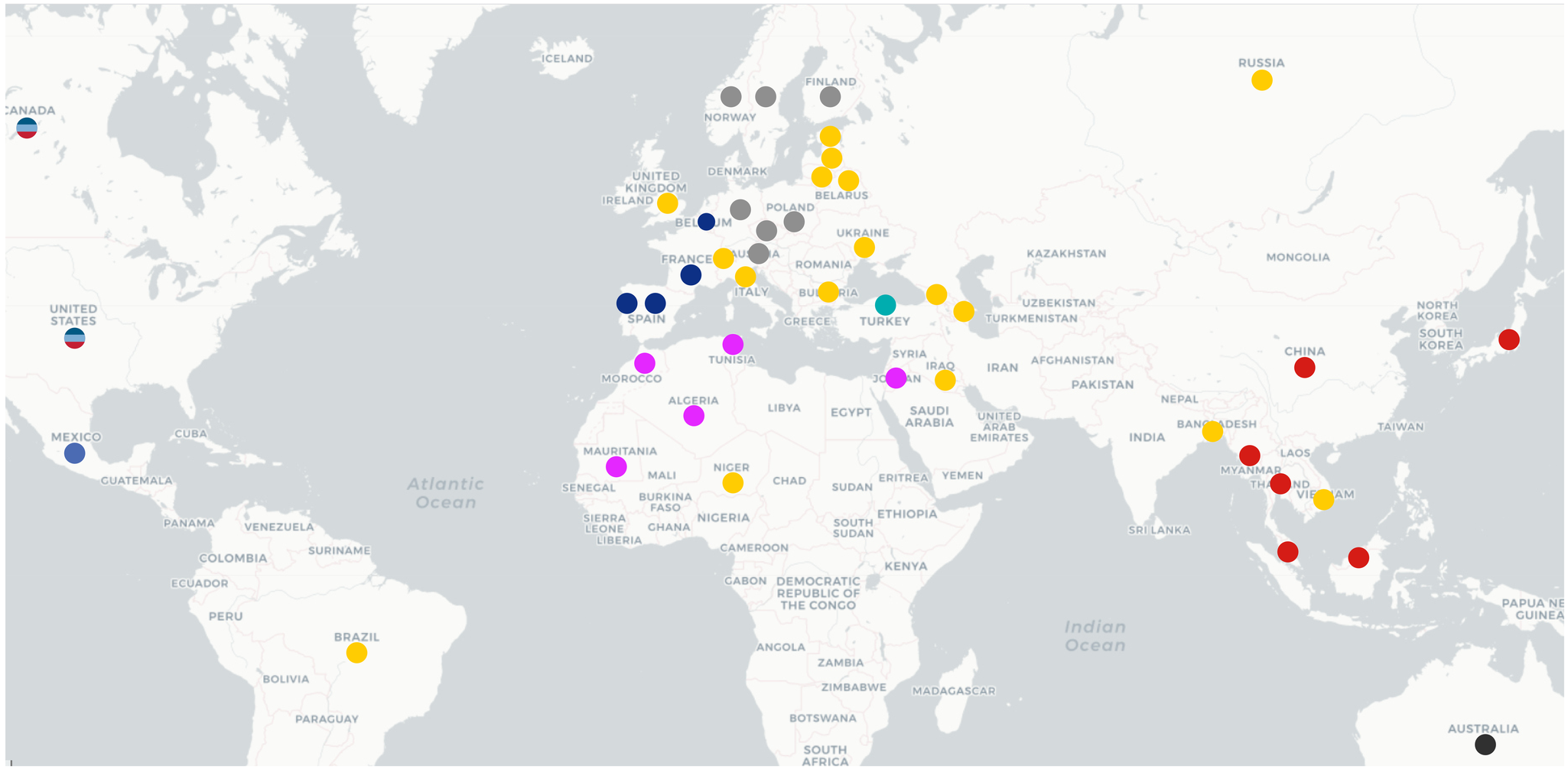
röders TEC

Covirep Sa

Pneutech

paynatech®

Sales without
a specific partner



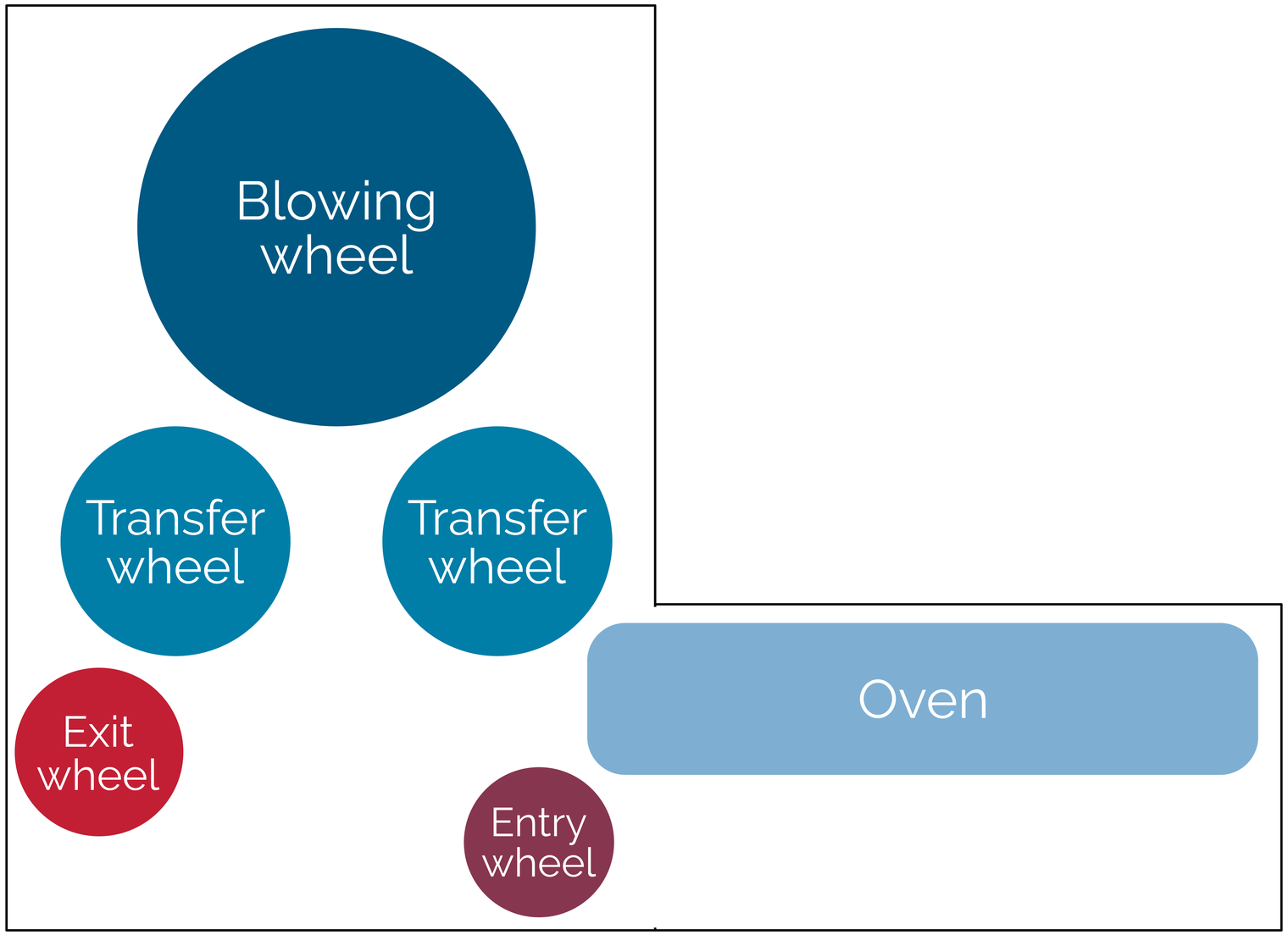
# SECTIONS

**Click on this logo for more information**


- Introduction
- Quantity
- Preform neck
- Personalization
- Entry modules
- Entry wheel
- Retractable guide
- Infeed guide
- Tri sector
- Spindle tip
- Ejector
- Oven exit guide
- Gripper
- Bell
- Seal
- Stabilizer
- Exit guide
- General information

# SECTIONS

Click on the desired section to see the parts available



# INTRODUCTION

Please fill the form below to confirm the parts with which your machine is equipped.

## MACHINE GENERAL INFORMATION

S1 ☐ S2 ☐ S2+ ☐ Universal ☐ Matrix ☐

Number of stations : SBO - _____

## PREFORM AND BOTTLE DRAWING

Please include drawings or samples of the old AND new preforms and bottles.

If your are using a common PCO please indicate below:

CURRENT PCO MODEL : _____ NEW PCO MODEL : _____

## MACHINE SERIAL NUMBER :

_____

# MOLDS

partner with röders TEC

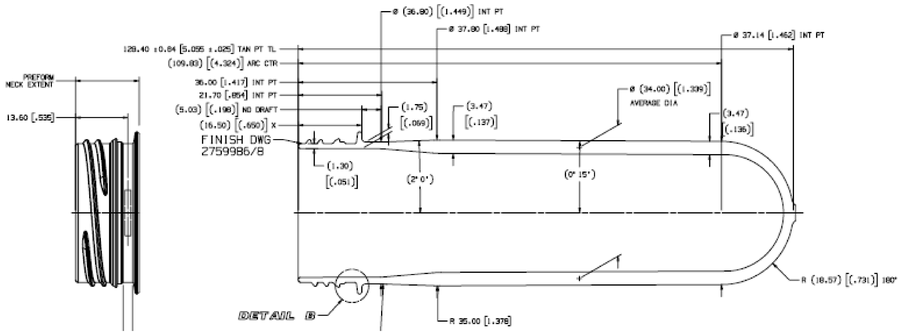
Please fill the form below to confirm the molds you need.

## HOW MANY MOLDS ARE NEEDED ?

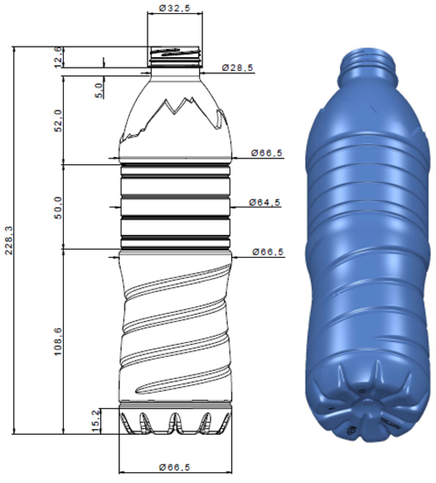
_____

## MOLD DETAILS

Preform drawings ☐




Bottle drawings & 3D ☐




Pictures ☐

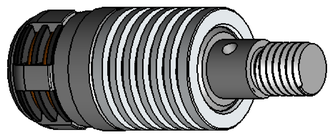
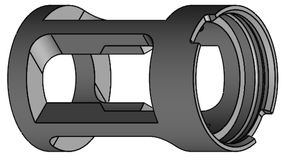
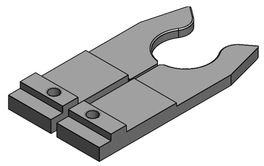
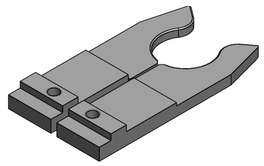
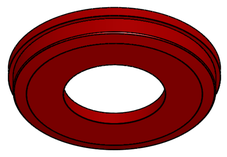
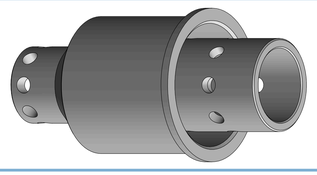
If you need to develop a new bottle, check this box : ☐

For a precise quotation, please fill the technical mold information below :

PDF - CLICK HERE

# QUANTITY

Please indicate how many of each component you have
currently in your machine and how many spares you would like to get :

| Description | Picture | Machine Quantity | | Spares | | Total |
|---|---|---|---|---|---|---|
| Spindle tip |  | | + | | = | |
| Ejector |  | | + | | = | |
| Infeed gripper |  | | + | | = | |
| Outfeed gripper |  | | + | | = | |
| Seal |  | | + | | = | |
| Stabilizer |  | | + | | = | |

# PREFORM NECK

| NECK | A | B | B1 | C | D | E | F | G | H | I | M | TEA | V | X | Z |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1881 | 28.00 | 25.71 | 24.50 | 21.74 | 11.20 | 24.20 | 24.94 | 25.07 | 15.24 | 21.72 | 29.15 | 0 | - | 17.00 | 33.00 |
| 1810 | 27.97 | 25.71 | - | 21.74 | 14.10 | 24.51 | 24.94 | 25.07 | 19.00 | 21.72 | 29.15 | 0 | - | 21.00 | 33.00 |
| 29/21 | 28.90 | 25.00 | 28.70 | 23.40 | 3.55 | - | - | 26.50 | 8.40 | 20.90 | - | 15 | 1.90 | 10.50 | 30.70 |
| 29/25 | - | 27.70 | - | 25.10 | 8.20 | - | - | - | 11.26 | - | 29.50 | 0 | - | 12.60 | 32.50 |
| 30/25 | 30.00 | 28.00 | 26.70 | 25.10 | 13.20 | 27.00 | - | 28.00 | 16.30 | - | - | 0 | - | 18,50 | 34.00 |
| 38 | 37.62 | 34.93 | - | 30.48 | 15.62 | 34.14 | 33.66 | 33.91 | - | - | 40.00 | 0 | 5.00 | 24.61 | 47.63 |

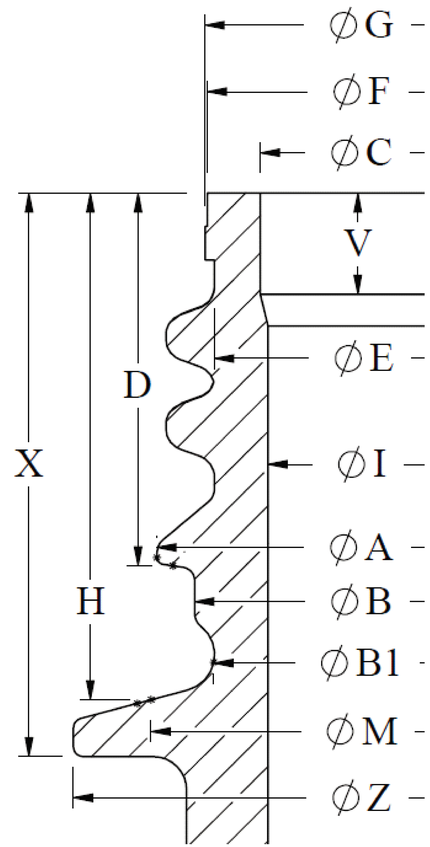
**LEGEND :**

Dimensions are in metric (mm)

Tolerances +- 0.13 mm

TEA is an angle (Degrees)

« - » mean no value



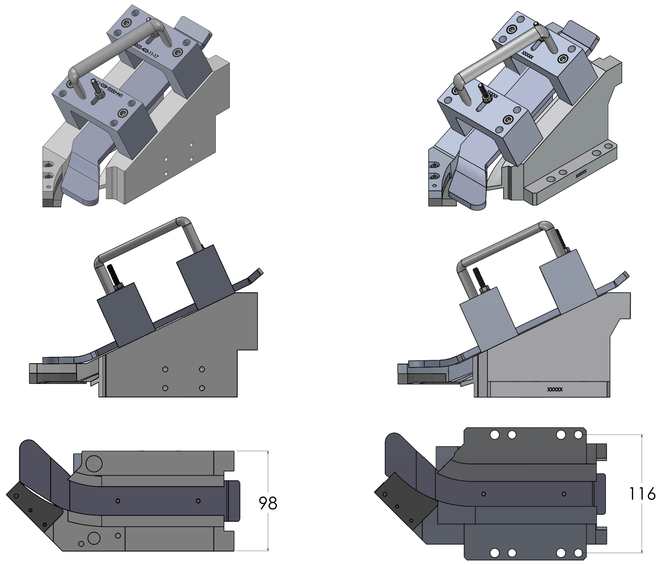
# PERSONALIZATION

| NECK | SPINDLE TIP | EJECTOR | GRIPPERS | BELL NOZZLE | BELL SEAL | STABILIZER |
|---|---|---|---|---|---|---|
| 1881 | UMS-ST-1881-FF-SS-XX | UMS-EJ-1881-FF-SS | UMS-GR-1881-FF-SS-XX | UMS-BN-1881-FF | UMS-BS-1881-FF | UMS-SB-1881-FF-XX |
| 1810 | UMS-ST-1810-FF-SS-XX | UMS-EJ-1810-FF-SS | UMS-GR-1810-FF-SS-XX | UMS-BN-1810-FF | UMS-BS-1810-FF | UMS-SB-1810-FF-XX |
| 29/21 | UMS-ST-2921-FF-SS-XX | UMS-EJ-2921-FF-SS | UMS-GR-2921-FF-SS-XX | UMS-BN-2921-FF | UMS-BS-2921-FF | UMS-SB-2921-FF-XX |
| 29/25 | UMS-ST-2925-FF-SS-XX | UMS-EJ-2925-FF-SS | UMS-GR-2925-FF-SS-XX | UMS-BN-2925-FF | UMS-BS-2925-FF | UMS-SB-2925-FF-XX |
| 30/25 | UMS-ST-3025-FF-SS-XX | UMS-EJ-3025-FF-SS | UMS-GR-3025-FF-SS-XX | UMS-BN-3025-FF | UMS-BS-3025-FF | UMS-SB-3025-FF-XX |
| 38 | UMS-ST-3800-FF-SS-XX | UMS-EJ-3800-FF-SS | UMS-GR-3800-FF-SS-XX | UMS-BN-3800-FF | UMS-BS-3800-FF | UMS-SB-3800-FF-XX |

# ENTRY MODULES

## Form

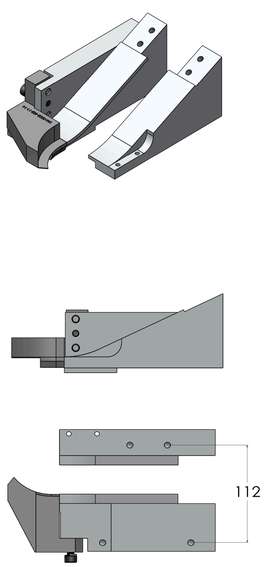
FA



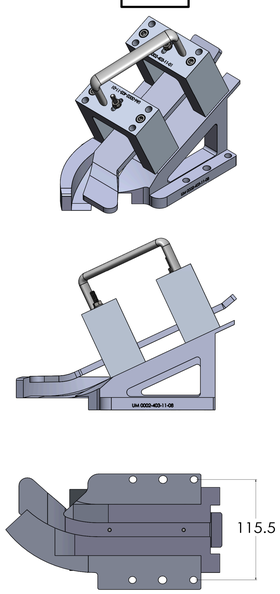

FB




FC



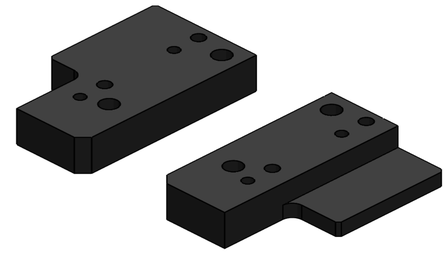

FD

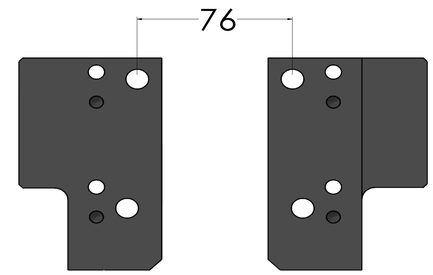



## Option

X1

MAGNETIC BASE

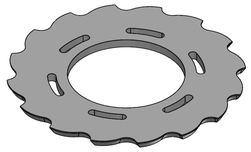


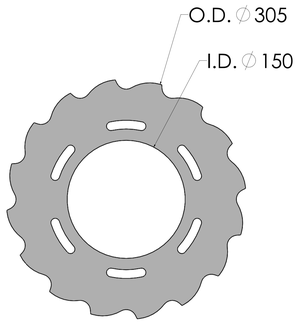


# ENTRY WHEEL

## Form

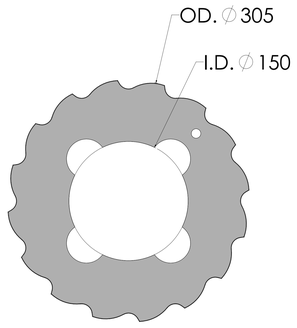
FA





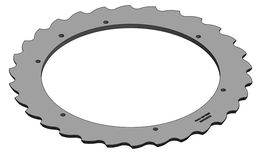

16 TEETH
THICKNESS : 11 mm

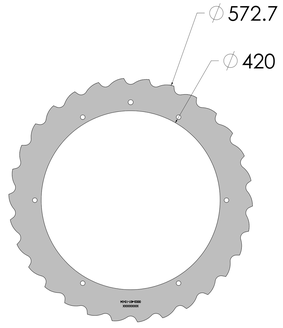
FB




16 TEETH
THICKNESS : 11 mm

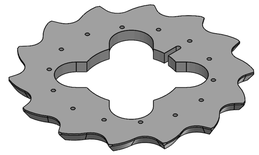
FC

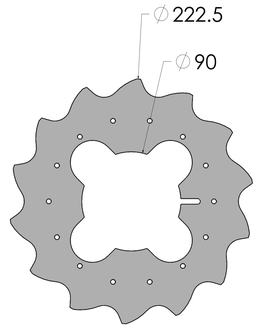





30 TEETH
THICKNESS : 11 mm

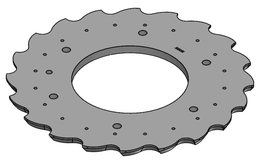
FD

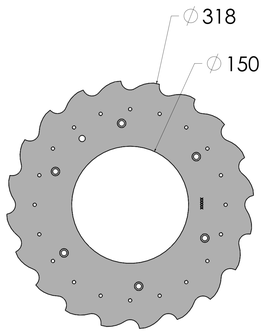





14 TEETH
THICKNESS : 11 mm

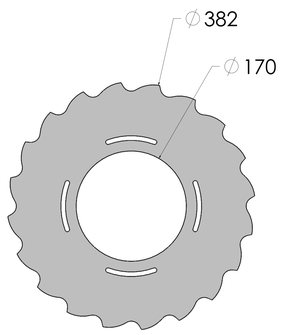
FE





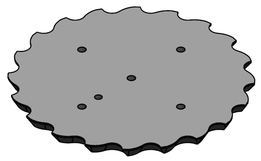

20 TEETH
THICKNESS : 11 mm

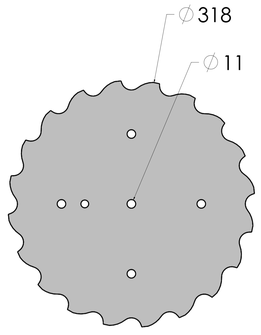
FF




20 TEETH
THICKNESS : 22 mm

FG



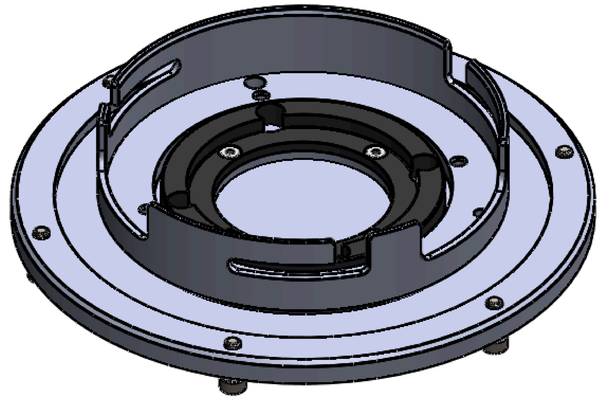



20 TEETH
THICKNESS : 16 mm

## Option

X1

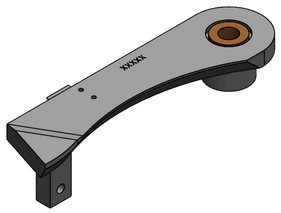
MAGNETIC BASE

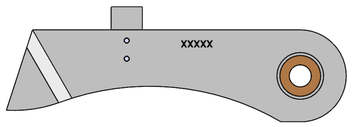


# RETRACTABLE GUIDE

## Form

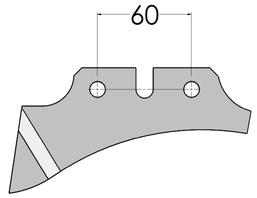
FA



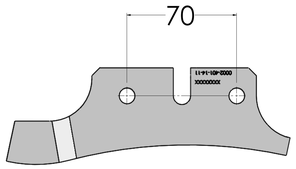

THICKNESS : 12 mm

FB



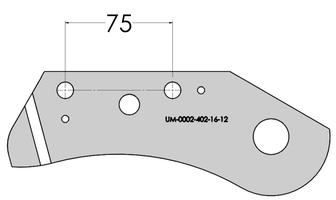

THICKNESS : 11 mm

FC



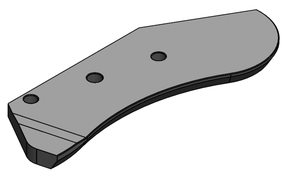

THICKNESS : 11 mm

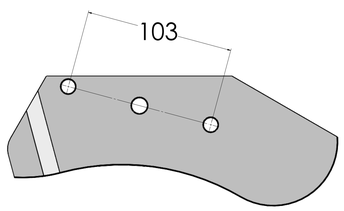
FD




THICKNESS : 11 mm

FE



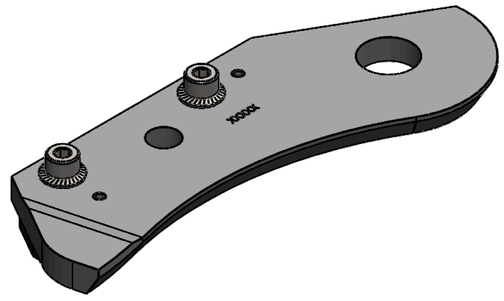


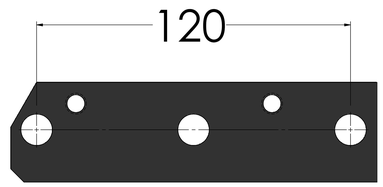

THICKNESS : 11 mm

## Option

X1

MAGNETIC BASE

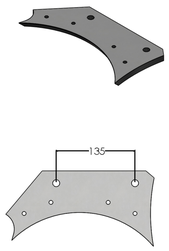


# INFEED GUIDE

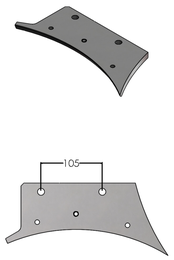
## Form

FA



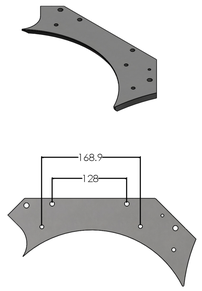

THICKNESS : 11 mm
S1

FB



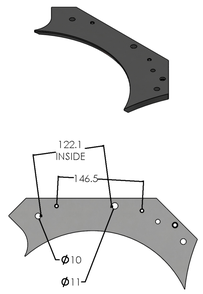

THICKNESS : 11.35 mm
S1

FC



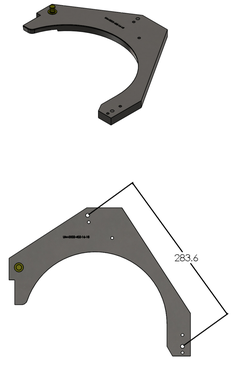

THICKNESS : 11 mm
S2

FD



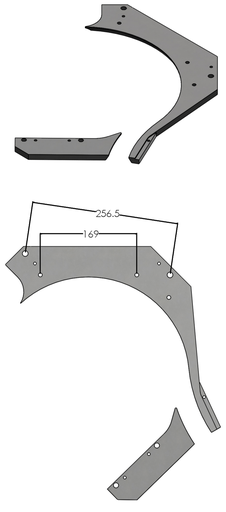

THICKNESS : 11 mm
UNIVERSAL

FE



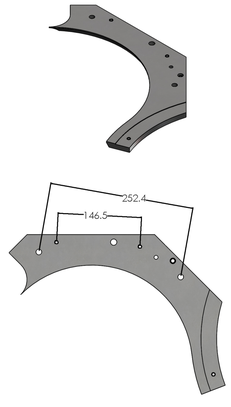

THICKNESS : 15 mm
UNIVESAL

FF




THICKNESS : 11 mm
S2

FG




THICKNESS : 11 mm
UNIVERSAL

## Option

X1

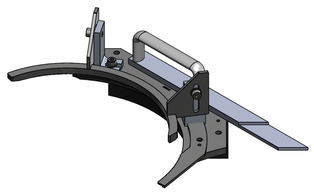
WITH TOP GUIDE

X2

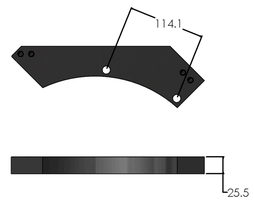
WITH TOP GUIDE

X3

WITH TOP GUIDE

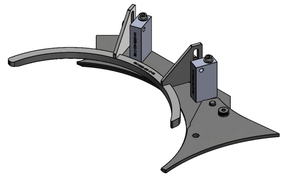


MAGNETIC BASE



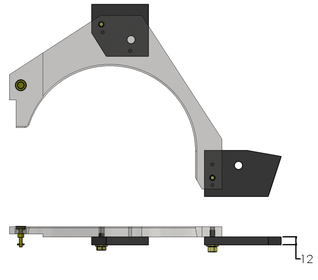

X4

WITH TOP GUIDE



X5

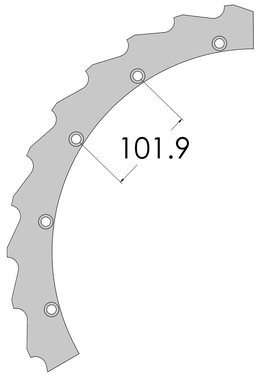
MAGNETIC BASE



# TRI SECTOR

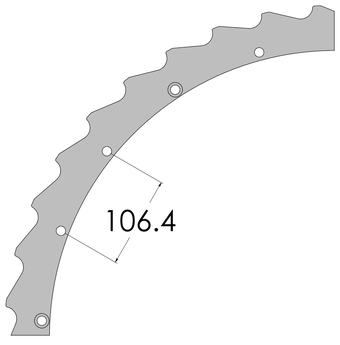
Form

FA



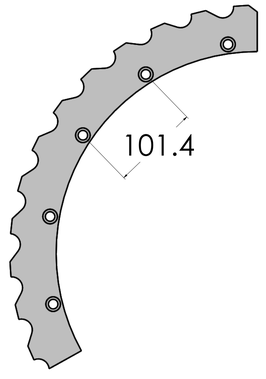

10 TEETH
THICKNESS : 11 mm
S1

FB



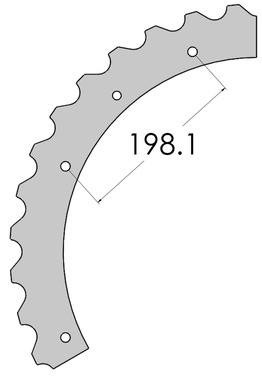

10 TEETH
THICKNESS : 11 mm
QUAD SECTOR
S1

FC




12 TEETH
THICKNESS : 10 mm
S2

FD

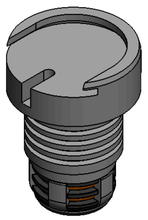


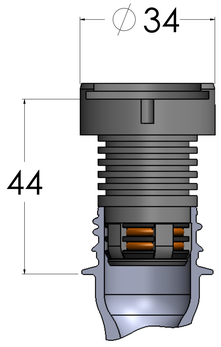

12 TEETH
THICKNESS : 10 mm
UNIVERSAL

# SPINDLE TIP

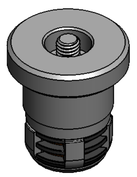
Form

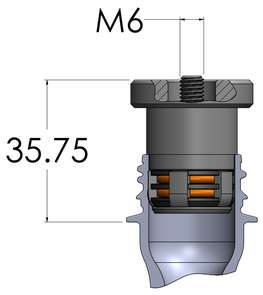
FA



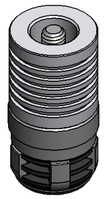


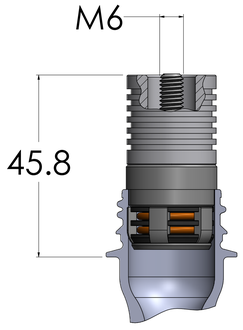

FB



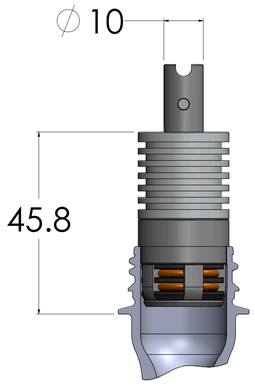



FC

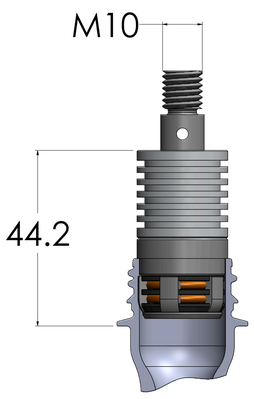




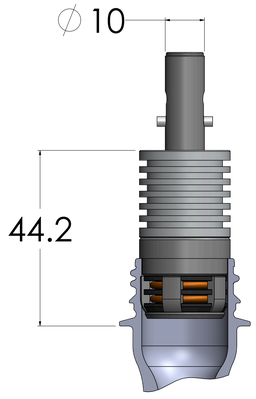

FD



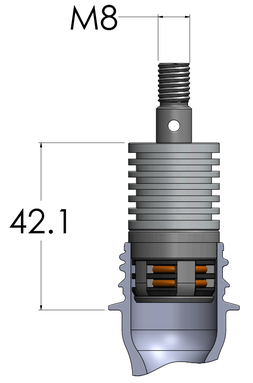

FE



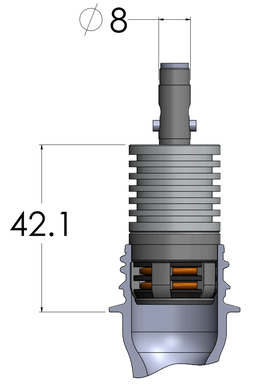

FF




FG



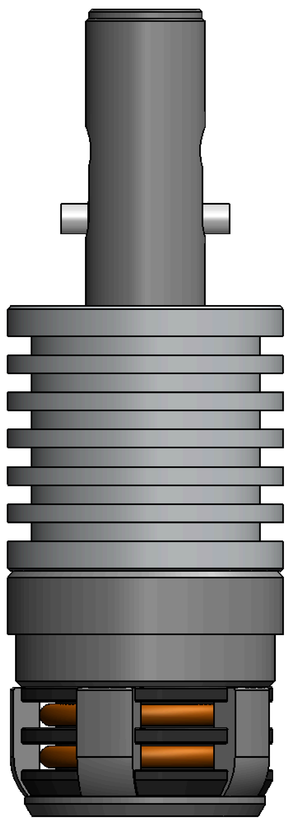

FH



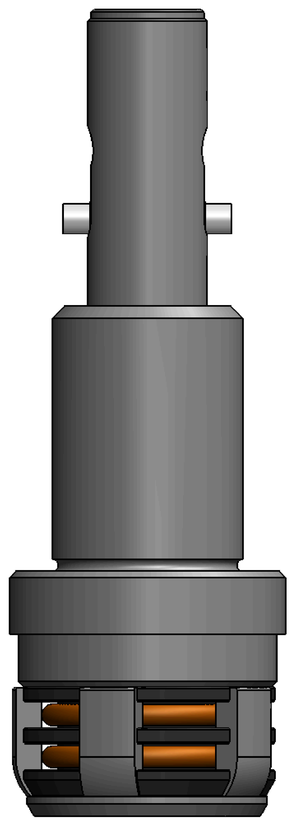
# SPINDLE TIP

**Specification**

01



02



**Option**

| X1 | X2 | X3 | X4 |
|---|---|---|---|
| Blue | Red | Green | Black |

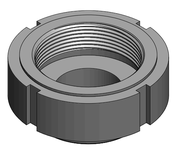
**UM part #**

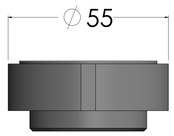
| NECK | SPINDLE TIPS |
|---|---|
| 1881 | UMS-ST-1881-FF-SS |
| 1810 | UMS-ST-1810-FF-SS |
| 29/21 | UMS-ST-2921-FF-SS |
| 29/25 | UMS-ST-2925-FF-SS |
| 30/25 | UMS-ST-3025-FF-SS |
| 38 | UMS-ST-3800-FF-SS |

# EJECTOR

**Form**

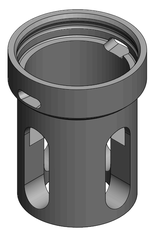
FA



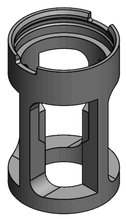


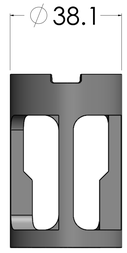

FB

FC



FD






**Option**

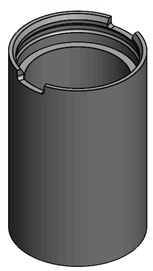
X1 ☐ Blue

X2 ☐ Red

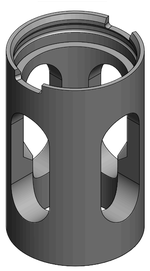
X3 ☐ Green

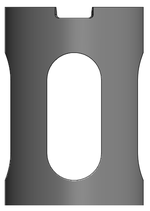
**Specification**

01 ☐

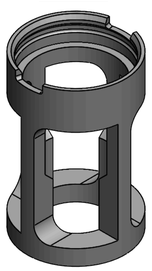


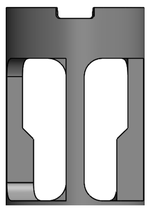
02 ☐





03 ☐





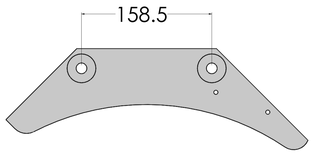
**UM part #**

| NECK | EJECTOR |
|---|---|
| 1881 | UMS-EJ-1881-FF-SS |
| 1810 | UMS-EJ-1810-FF-SS |
| 29/21 | UMS-EJ-2921-FF-SS |
| 29/25 | UMS-EJ-2925-FF-SS |
| 30/25 | UMS-EJ-3025-FF-SS |
| 38 | UMS-EJ-3800-FF-SS |

# OVEN EXIT GUIDE

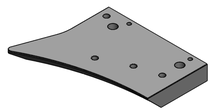
## Form

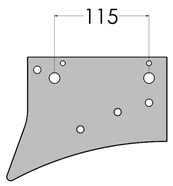
### FA




THICKNESS : 15 mm

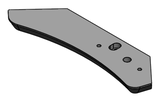
### FB

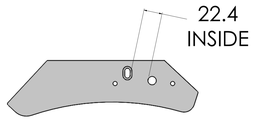





THICKNESS : 24.5 mm

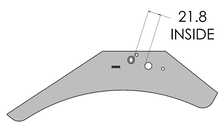
### FC





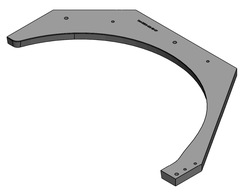

THICKNESS : 13 mm

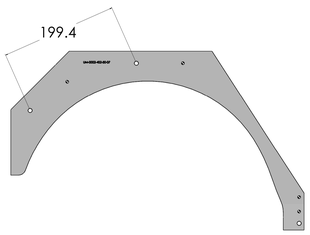
### FD




THICKNESS : 11 mm

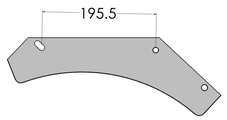
### FE





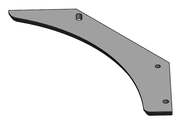

THICKNESS : 15 mm

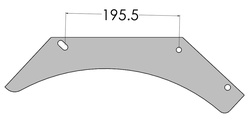
### FF




THICKNESS : 11 mm

### FG



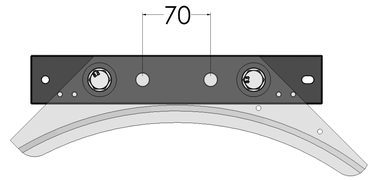



THICKNESS : 11 mm

## Option

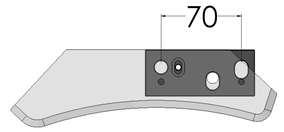
### X1

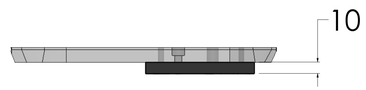
MAGNETIC BASE



### X2

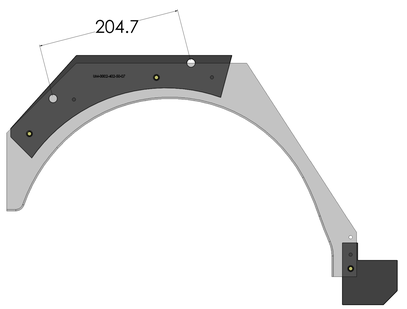
MAGNETIC BASE



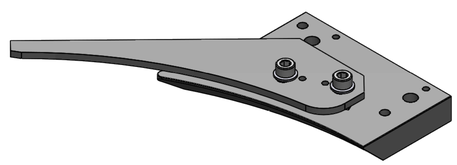

### X3

MAGNETIC BASE



### X4

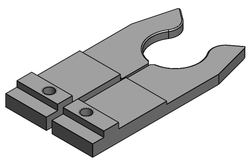
TO PGUIDE

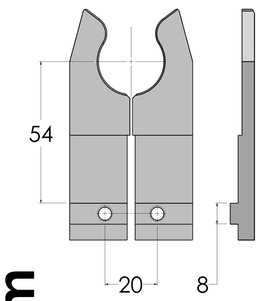


# GRIPPER

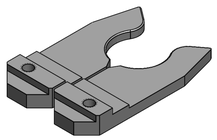
Fo

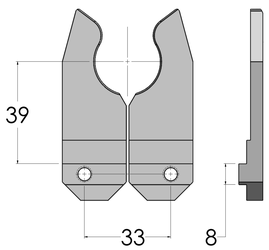
FA



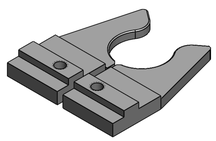


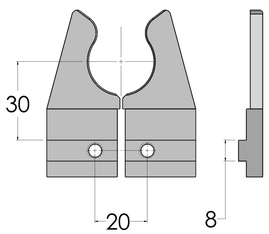

FB



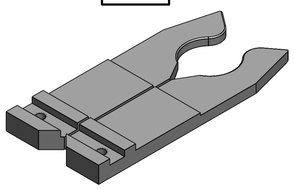


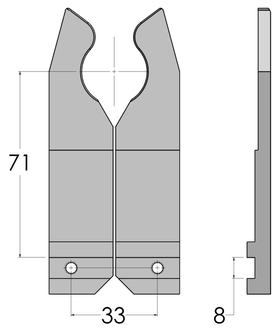

FC



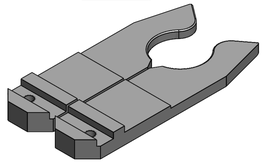


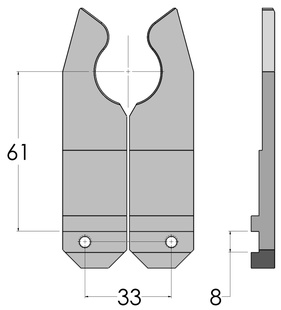

FD



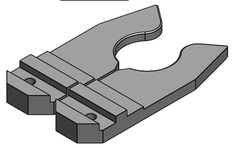


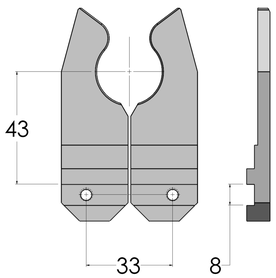

FE



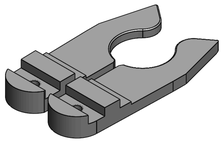


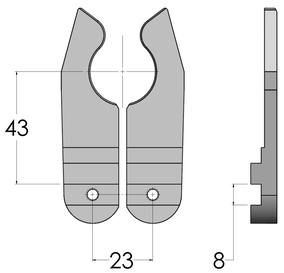

FF



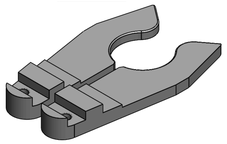


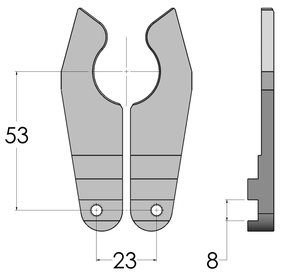

FG



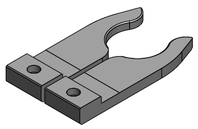


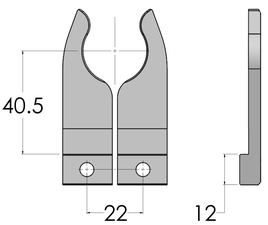

FH



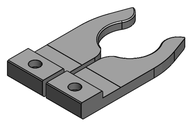


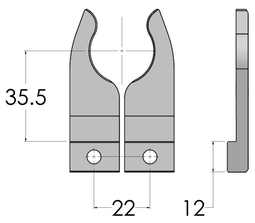

FI



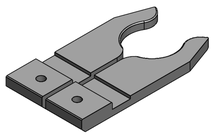


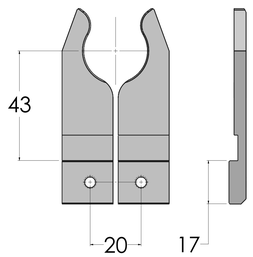

FJ



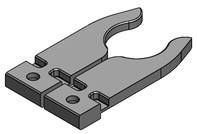


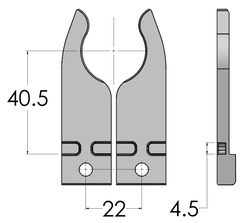

FK



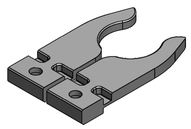


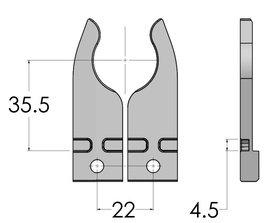

FL



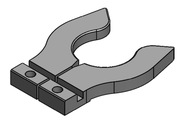


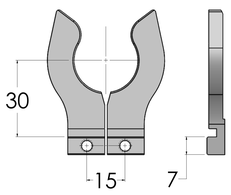

FM



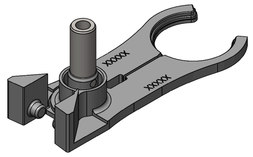


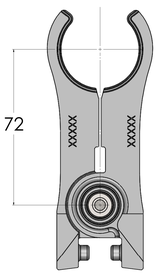

FN



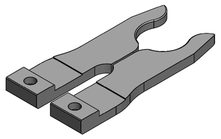


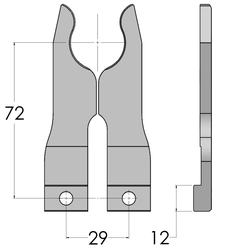

FO



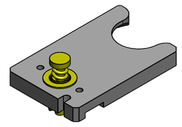


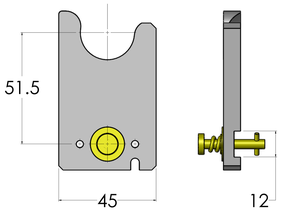

FP






FQ

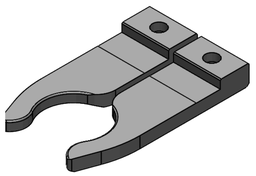


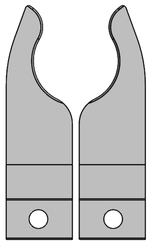


# GRIPPER

## Specification

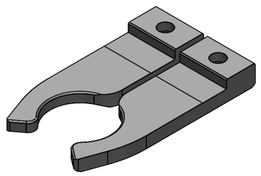
01

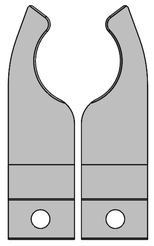




Preform

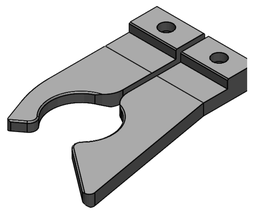
02

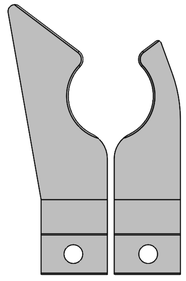




Bottle

03

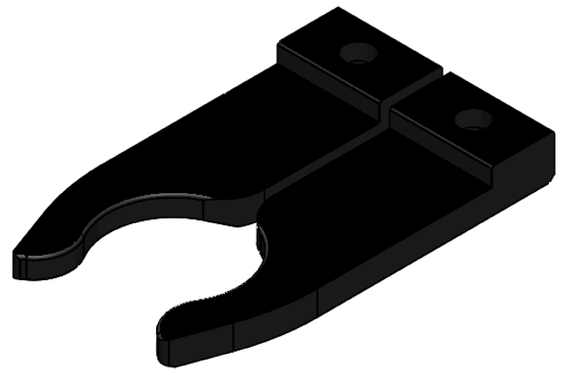




Bottle

## Option

X1



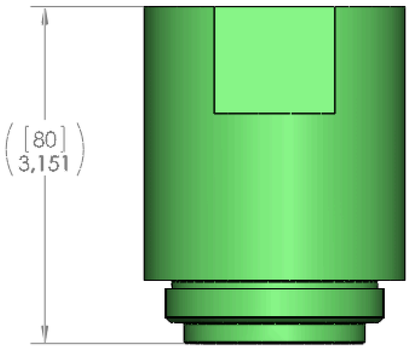
Blackened for optical inspection
Outfeed wheel

# BELL

Form

FA

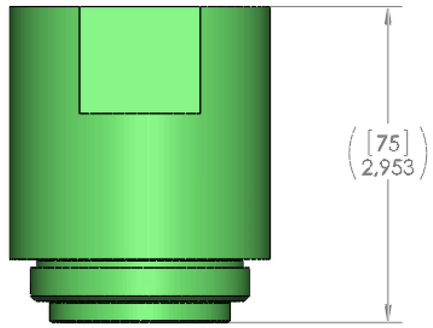
80 mm




OR

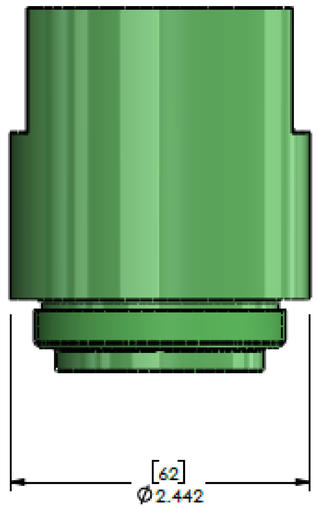
FB

75 mm




FC

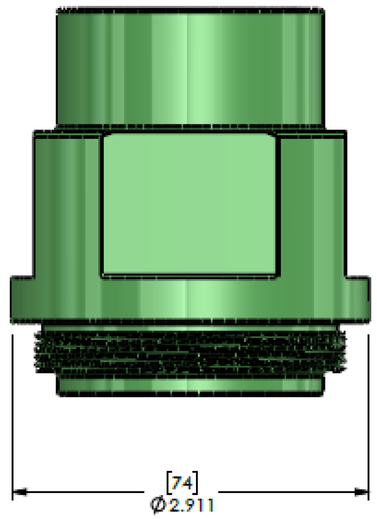
Ø 62 mm




OR

FD

Ø 74 mm




4 options : FA + FC

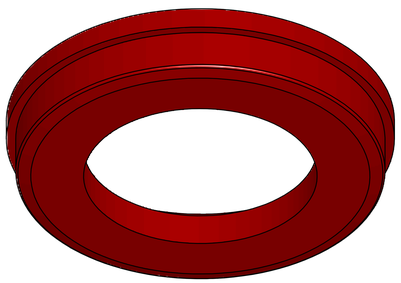
FA + FD

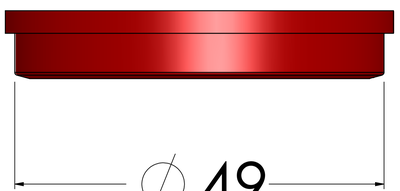
FB + FC

FB + FD

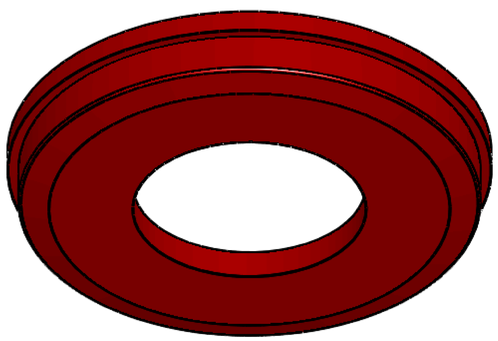
# SEAL

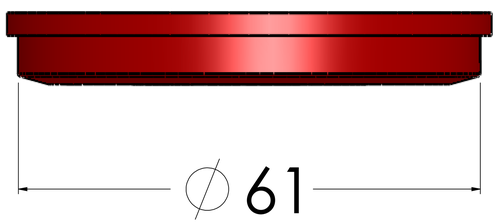
FA






FB



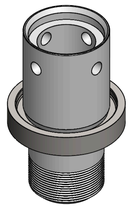



Form

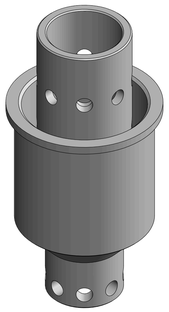
# STABILIZER

**Form**

FA ☐

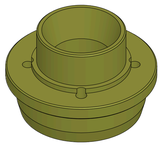


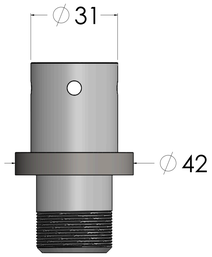
FB ☐

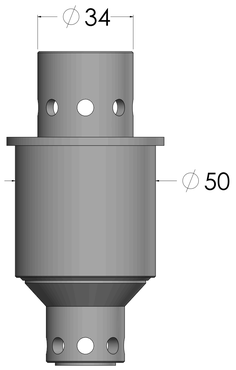


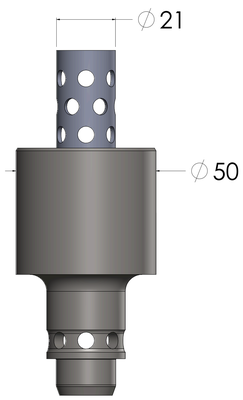
FC ☐

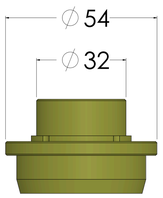
FD ☐





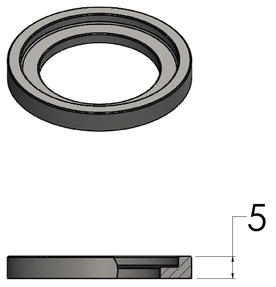



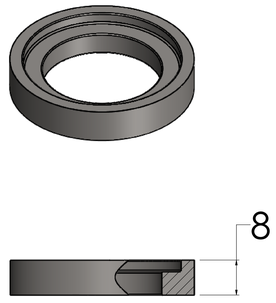

**Specification**

Only for Form A

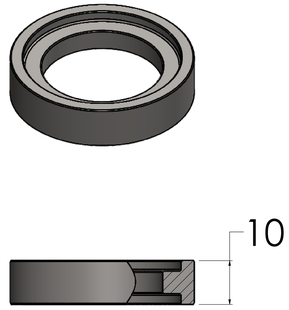
01 ☐




02 ☐



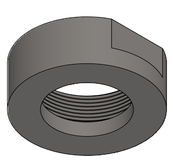

03 ☐



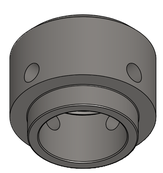

**Option**

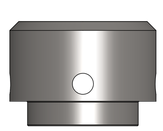
Only for Form A

X1 ☐

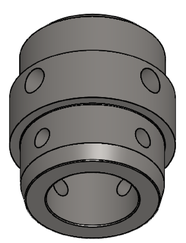


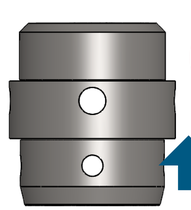
X2 ☐





X3 ☐

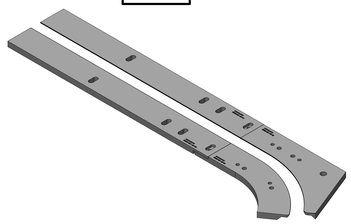


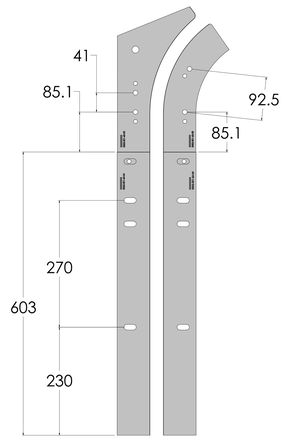


# EXIT GUIDE

## Formats

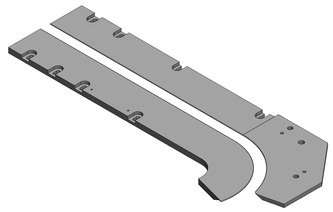
FA

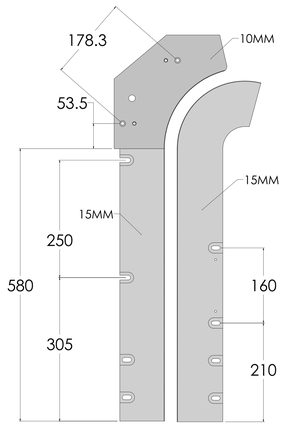





THICKNESS : 15 mm
S1

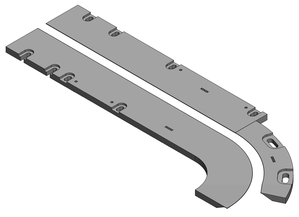
FB

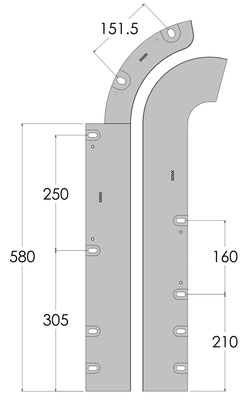





THICKNESS : 15 mm + 10 mm
S2

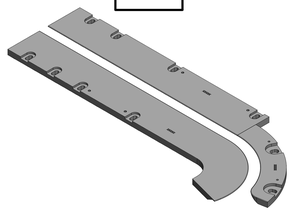
FC

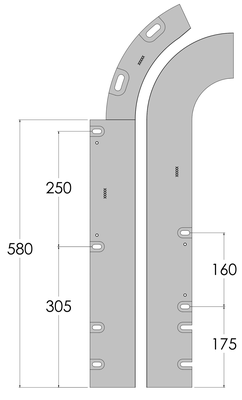





THICKNESS : 15 mm
S2

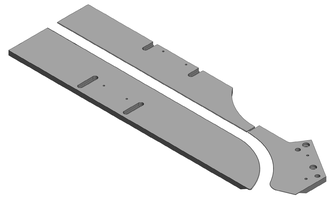
FD

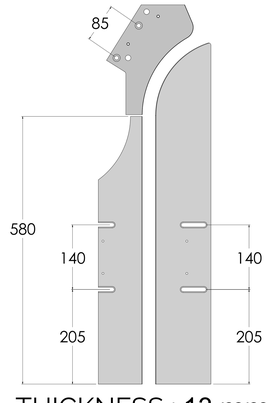





THICKNESS : 15 mm
S2

FE



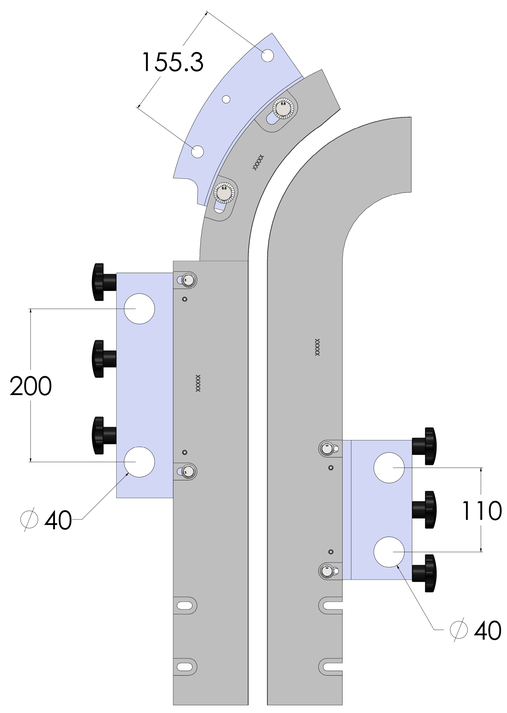



THICKNESS : 13 mm
UNIVERSAL

## Options

X1

GUIDE SUPPORT



# GENERAL INFORMATION

Please fill out the requested information below.

| | |
|---|---|
| Name | |
| Title | |
| Company | |
| Date | |
| Signature | |

If you have any questions about this document, feel free to contact us.

| | |
|---|---|
| Web site | www.um-inc.com |
| Phone number | (514)-942-2493 (Martin Pelletier)<br>(581)-985-4116 (Hubert Pelletier) |
| Email | sales@umallette.com |