



Thick Turret - Jetformer catalog



MATRIX

Tooling for Punch Presses

THICK TURRET - JETFORMER CATALOG MATRIX

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JETFORMER TOOL HOLDERS



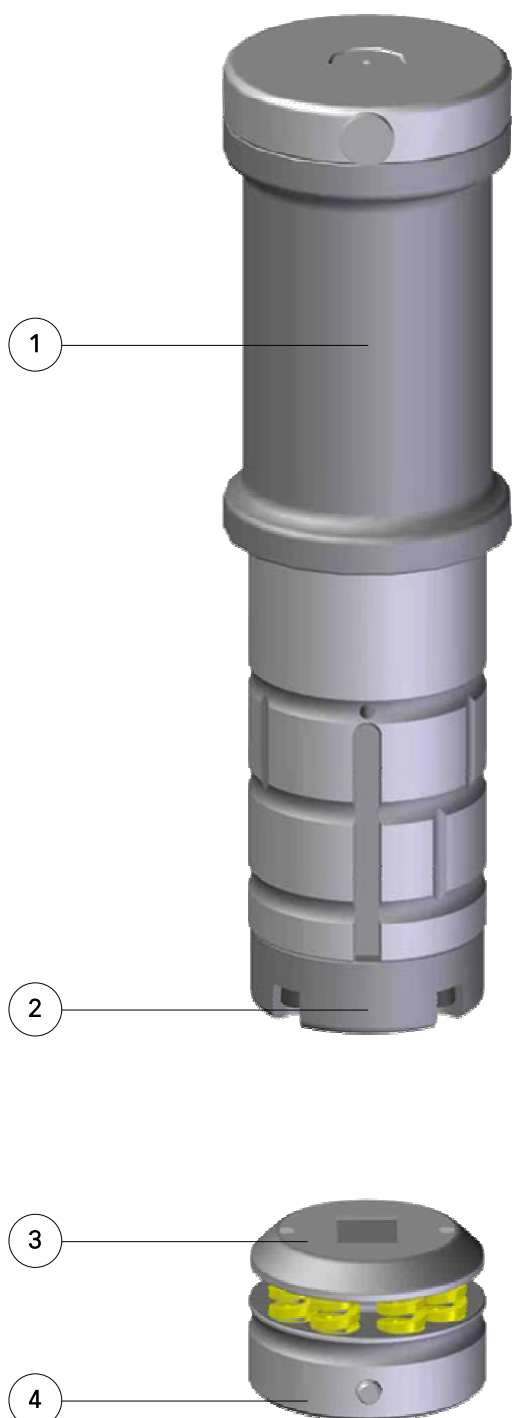
This insert holder series - available on B, C, D, and E Stations - follows the interchangeable punch holder philosophy, that is to accomplish a new deformation it is necessary to replace forming inserts only, with a remarkable economic advantage.

Main features of these products are:

- Tool height adjustment with mm 0.08 steps and so with great accuracy in incision and bending processing. The operation is extremely simple because it is not necessary to use any keys.
- Total self-lubrication of all components by injection from the top, both automatically and manually, with a specific oil.

THICK TURRET - B STATION JETFORMER

MAX  = mm 25



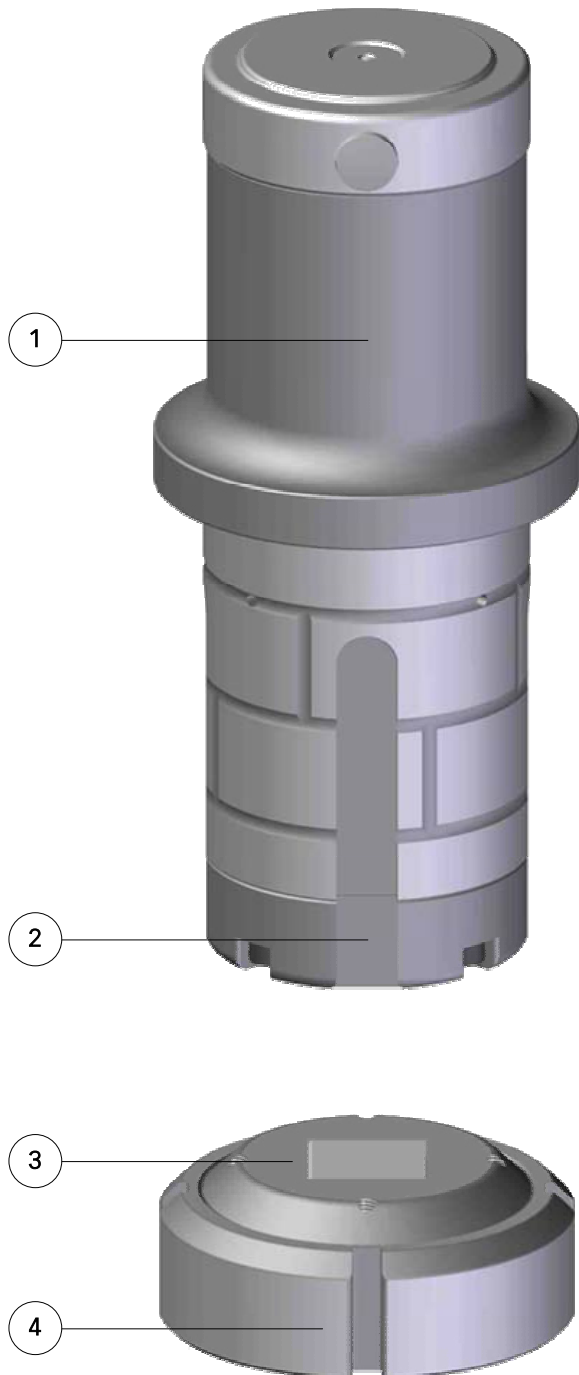
POS.	CODE DESCRIPTION
1a	FAASBA00 Upper Insert Holder - Round and Shaped Deformations
1b	FAATBA00 Upper Insert Holder - Round Deformations
2-4	Complete Insert Set
2	Upper Insert Set
3	Stripper
4	Dedicated Die

TECHNICAL SPECIFICATION

- Deformation is the processing which allows to modify metal sheet flatness in a plastic way. The possible deformation are various, and they could be combined for shearing, extrusion or coining.
- About the whole of deformation is executed up-forming to facilitate metal sheet sliding on the machine surface.
- On the following pages there are data sheets of some common deformation that are initially fill in by the customer and then revised by our technical office to begin construction.
- All special tool are designed to be manufactured, verified (with the tool is delivered a sample of the final result) and at last all data are archived, so to be able to offer in any moment a spare part perfectly working.
- For this station an economical version is available; it allows to obtain round deformation only, and the upper insert holder has an height adjustment.

THICK TURRET - C STATION JETFORMER

MAX  = mm 40



POS.	CODE DESCRIPTION
1a	FAAUBA00 Upper Insert Holder - Round and Shaped Deformations
1b	FAAVBA00 Upper Insert Holder - Round Deformations
2+3	Complete Insert Set
2	Upper Insert Set
3	Stripper
4a	F504BB00 Lower Insert Holder - Round and Shaped Deformations
4b	F481BB00 Lower Insert Holder - Round Deformations

TECHNICAL SPECIFICATION

- Deformation is the processing which allows to modify metal sheet flatness in a plastic way. The possible deformation are various, and they could be combined for shearing, extrusion or coining.
- About the whole of deformation is executed up-forming to facilitate metal sheet sliding on the machine surface.
- On the following pages there are data sheets of some common deformation that are initially fill in by the customer and then revised by our technical office to begin construction.
- All special tool are designed to be manufactured, verified (with the tool is delivered a sample of the final result) and at last all data are archived, so to be able to offer in any moment a spare part perfectly working.
- For this station an economical version is available; it allows to obtain round deformation only, and the upper insert holder has an height adjustment.

THICK TURRET - D STATION JETFORMER

MAX \varnothing \square = mm 70



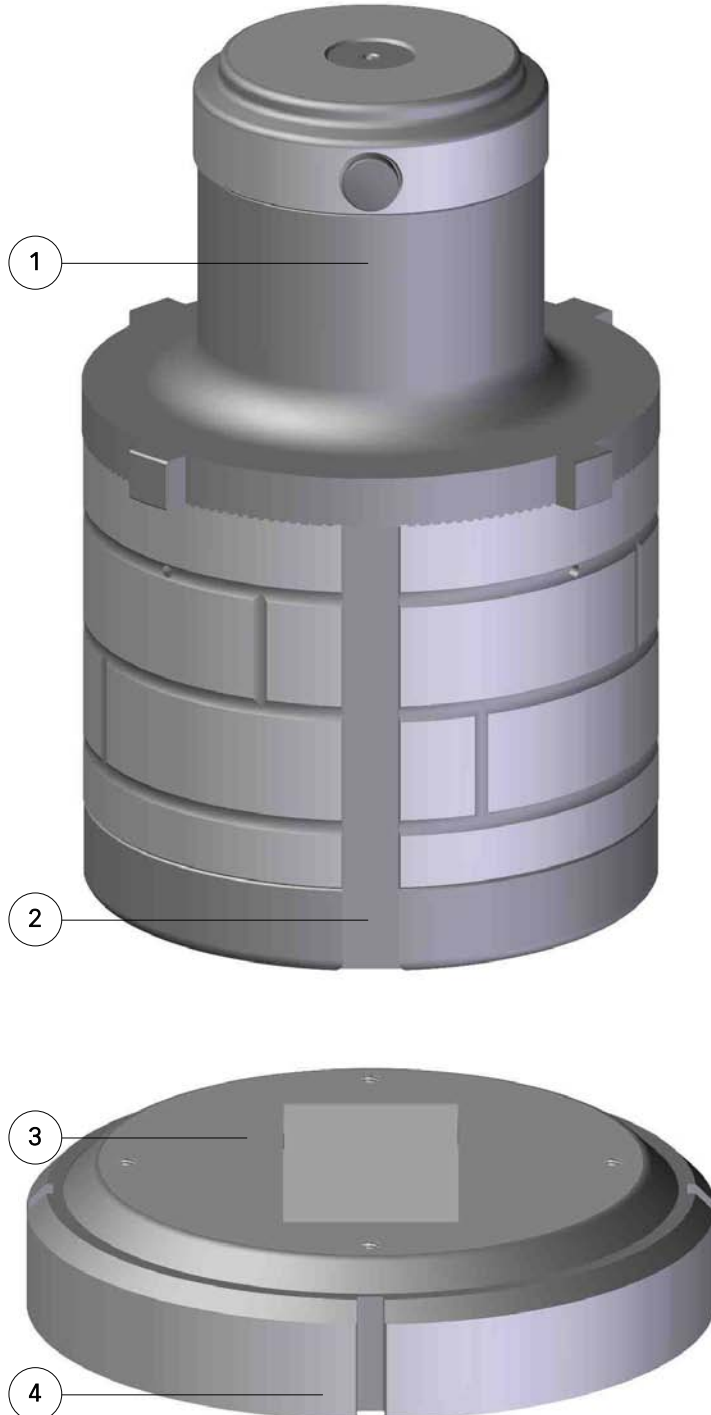
POS.	CODE DESCRIPTION
1	FAAWBA00 Upper Insert Holder
2+3	Complete Insert Set
2	Upper Insert Set
3	Stripper
4	F505BB00 Lower Insert Holder

TECHNICAL SPECIFICATION

- Deformation is the processing which allows to modify metal sheet flatness in a plastic way. The possible deformation are various, and they could be combined for shearing, extrusion or coining.
- About the whole of deformation is executed up-forming to facilitate metal sheet sliding on the machine surface.
- On the following pages there are data sheets of some common deformation that are initially fill in by the customer and then revised by our technical office to begin construction.
- All special tool are designed to be manufactured, verified (with the tool is delivered a sample of the final result) and at last all data are archived, so to be able to offer in any moment a spare part perfectly working.

THICK TURRET - E STATION JETFORMER

MAX  = mm 105

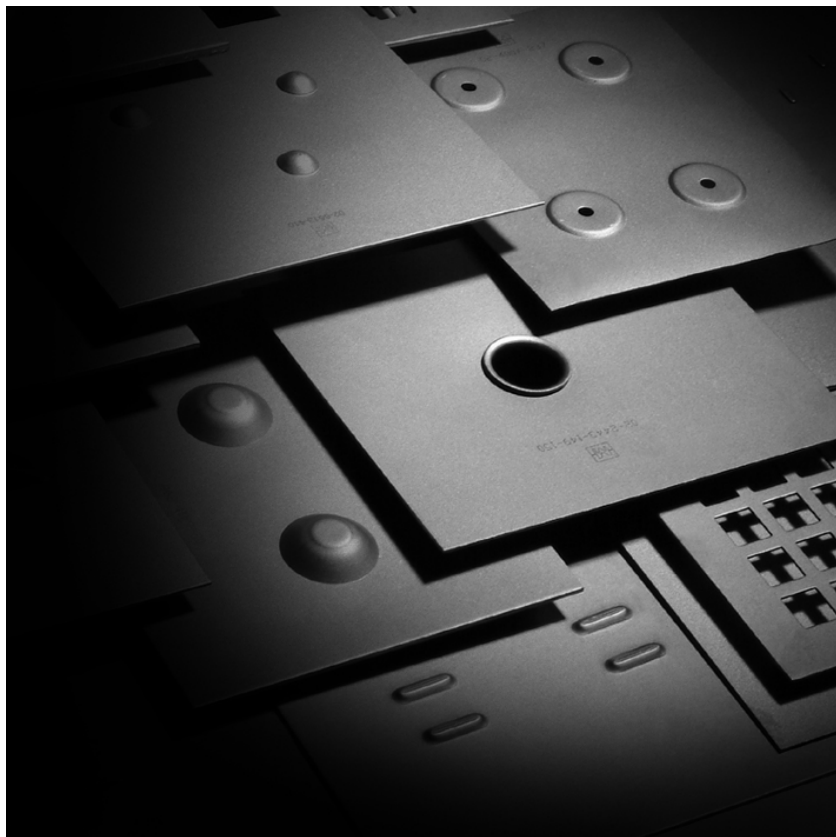


POS.	CODE DESCRIPTION
1	FAC0BA00 Upper Insert Holder
2+3	Complete Insert Set
2	Upper Insert Set
3	Stripper
4	FAC0BB00 Lower Insert Holder

TECHNICAL SPECIFICATION

- Deformation is the processing which allows to modify metal sheet flatness in a plastic way. The possible deformation are various, and they could be combined for shearing, extrusion or coining.
- About the whole of deformation is executed up-forming to facilitate metal sheet sliding on the machine surface.
- On the following pages there are data sheets of some common deformation that are initially fill in by the customer and then revised by our technical office to begin construction.
- All special tool are designed to be manufactured, verified (with the tool is delivered a sample of the final result) and at last all data are archived, so to be able to offer in any moment a spare part perfectly working.

FORMING AND CLUSTER TOOLS



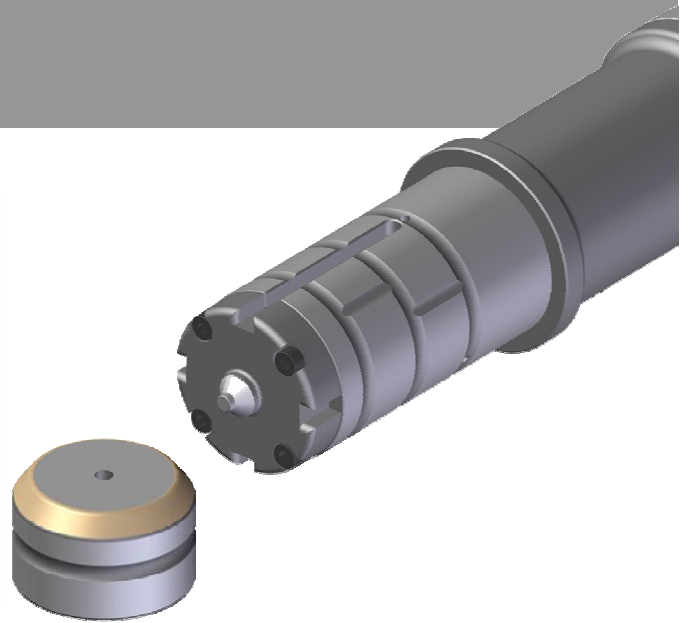
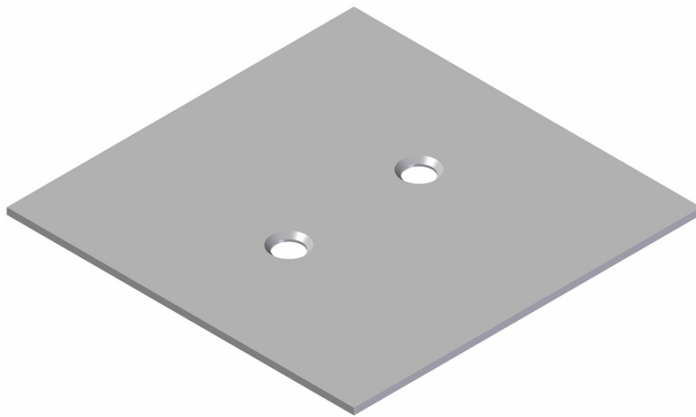
Due to possible deformation and cluster tools vastness (the most common are illustrated in the following pages), we advise to send most data and information on requested deformation and cluster tool to our technical office, to allow us to find the best solution to your problems.

Each forming tool is uniquely identified with its own code and it is supplied with deformation samples.

JETFORMER TOOLS

ORDER FORM

DEFORMATION - ENGRAVED COUNTERSINK

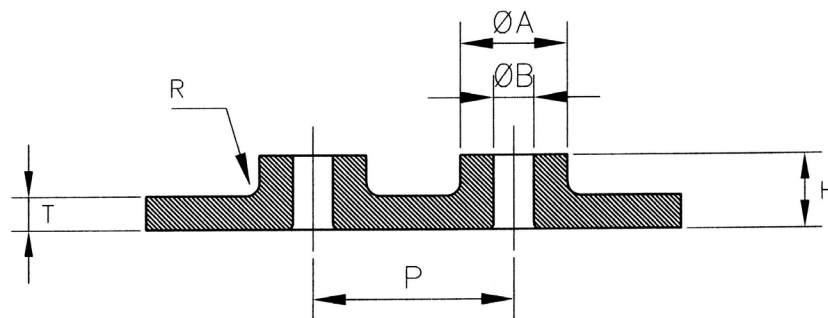
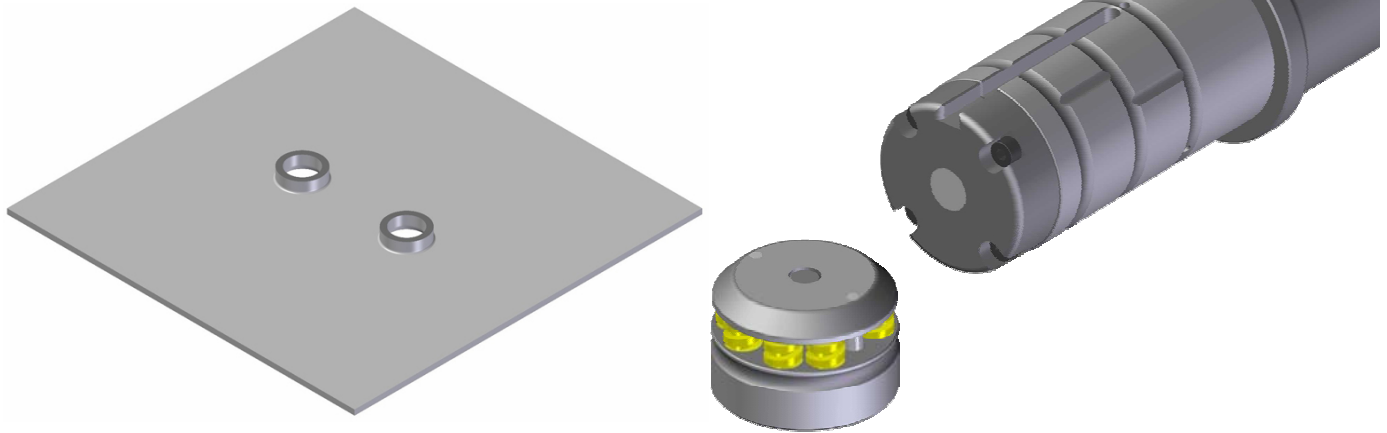


A - UP FORMING ENGRAVED COUNTERSINK	B - DOWN FORMING ENGRAVED COUNTERSINK	
Material Thickness (T) mm _____	A: Ø mm _____	
Material _____	B: Ø mm _____	
Machine Type _____	C: _____ °	
Pre-Hole Ø mm _____	H: mm _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	P: mm _____	
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Compiled by _____	
Forming Direction A <input type="checkbox"/> Up Forming B <input type="checkbox"/> Down Forming	Approved by _____	
Attention MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.		
Note 1) This field must be filled in by MATRIX srl.		

JETFORMER TOOLS

ORDER FORM

DEFORMATION - EXTRUDED HOLE

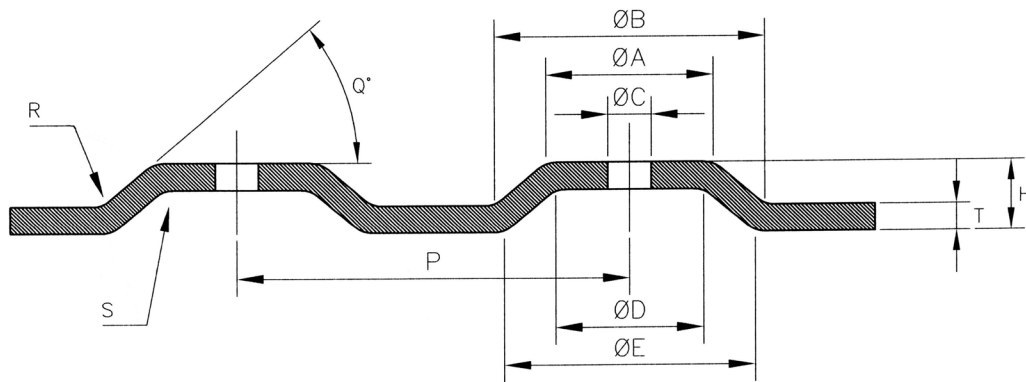
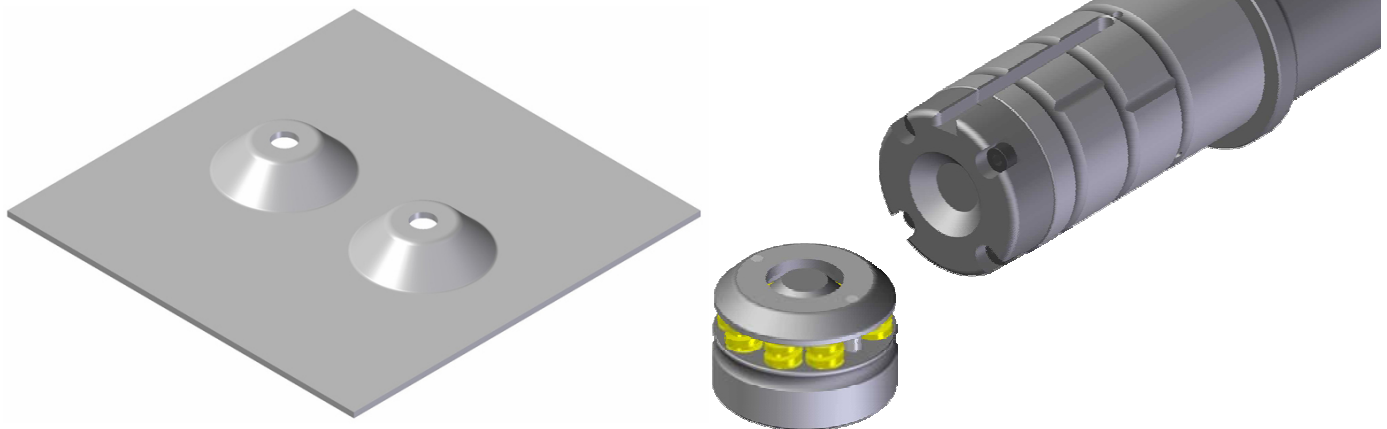


Material Thickness (T) mm _____	A: Ø mm _____	
	B: Ø mm _____	
Material _____	H: mm _____	
	P: mm _____	
Machine Type _____	R: mm _____	
Pre-Hole Required ¹ <input type="checkbox"/> YES <input type="checkbox"/> NO		
Pre-Hole Ø mm _____	Compiled by _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E		
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming		
Attention	MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.	
Note	1) This field must be filled in by MATRIX srl.	

JETFORMER TOOLS

ORDER FORM

DEFORMATION - ROUND EMBOSS

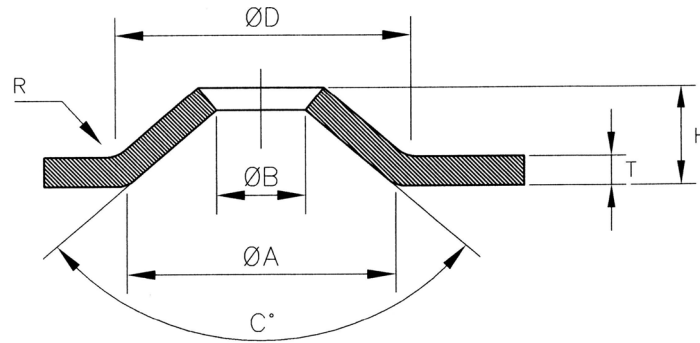
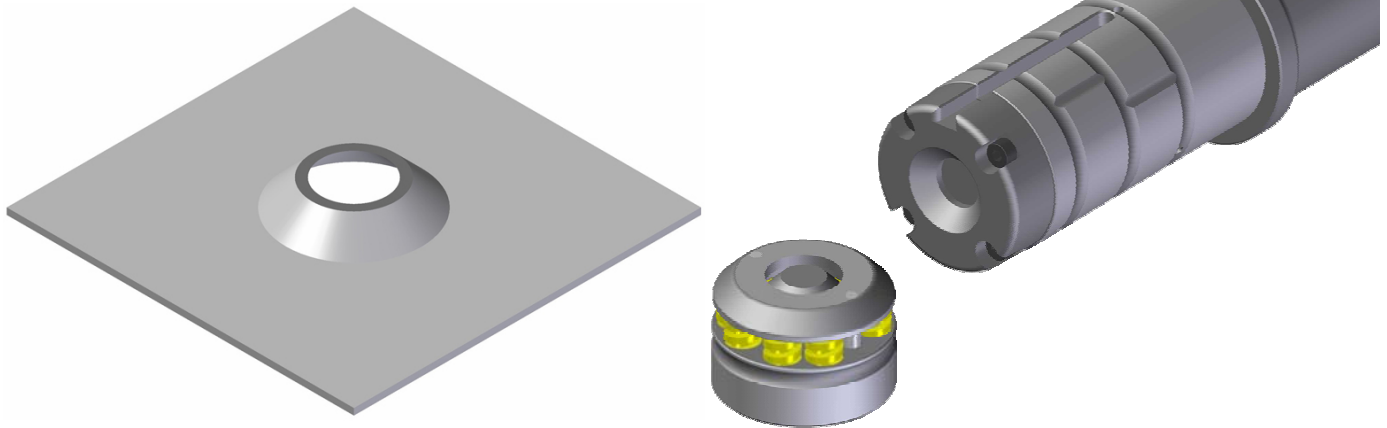


Material Thickness (T) mm _____	A: Ø mm _____	Q: _____°
Material _____	B: Ø mm _____	R: mm _____
Machine Type _____	C: Ø mm _____	S: mm _____
Pre-Hole Required ¹ <input type="checkbox"/> YES <input type="checkbox"/> NO	D: Ø mm _____	
Pre-Hole Ø mm _____	E: Ø mm _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	H: mm _____	
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	P: mm _____	
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming	Compiled by _____	
Attention MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.	Approved by _____	
Note 1) This field must be filled in by MATRIX srl.		

JETFORMER TOOLS

ORDER FORM

DEFORMATION - ROUND COUNTERSINK

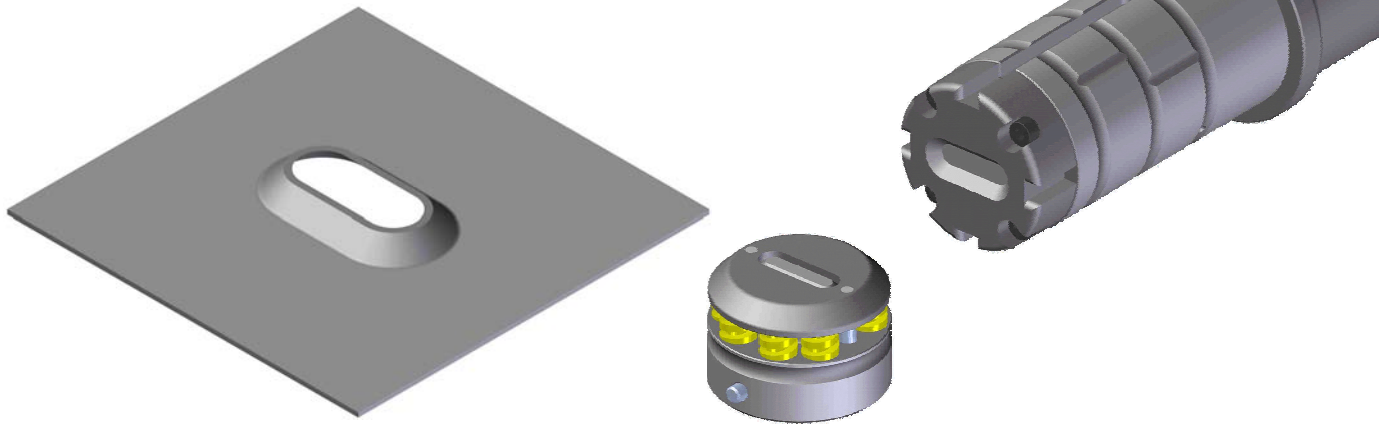


Material Thickness (T) mm _____	A: Ø mm _____	
	B: Ø mm _____	
Material _____	C: _____ °	
	D: Ø mm _____	
Machine Type _____	H: mm _____	
	R: mm _____	
Pre-Hole Required ¹ <input type="checkbox"/> YES <input type="checkbox"/> NO Pre-Hole Ø mm _____	Compiled by _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E		
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming		
Attention MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.		
Note 1) This field must be filled in by MATRIX srl.		

JETFORMER TOOLS

ORDER FORM

DEFORMATION - SHAPED COUNTERSINK

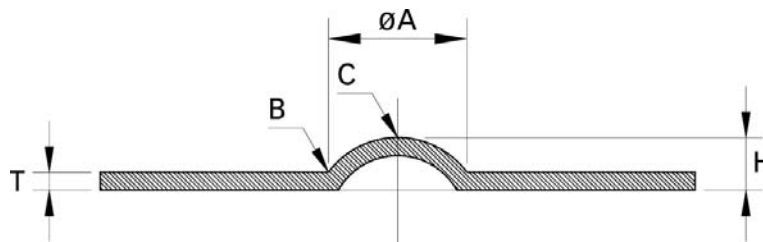
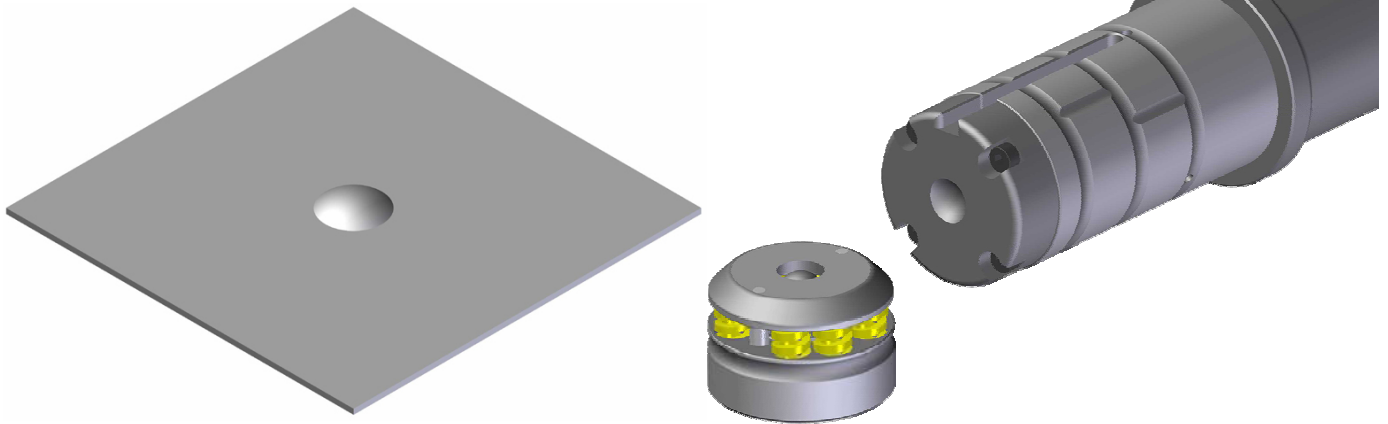


Material Thickness (T) mm _____	A: mm _____	H: mm _____	
Material _____	B: mm _____	R: mm _____	
Machine Type _____	C: _____ °		
Pre-Hole Required ¹ <input type="checkbox"/> YES <input type="checkbox"/> NO	D: mm _____		
Pre-Hole Ø mm _____	E: mm _____		
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	F: mm _____		
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	G: mm _____		
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming	Compiled by _____		
Attention MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.	Approved by _____		
Note 1) This field must be filled in by MATRIX srl.			

JETFORMER TOOLS

ORDER FORM

DEFORMATION - SPHERICAL EMBOSS

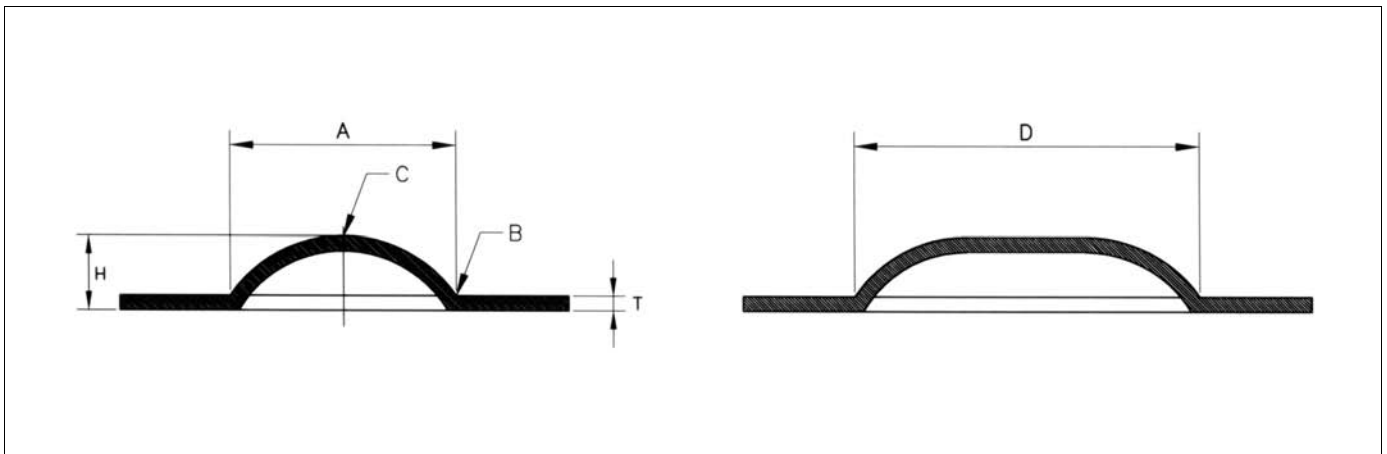
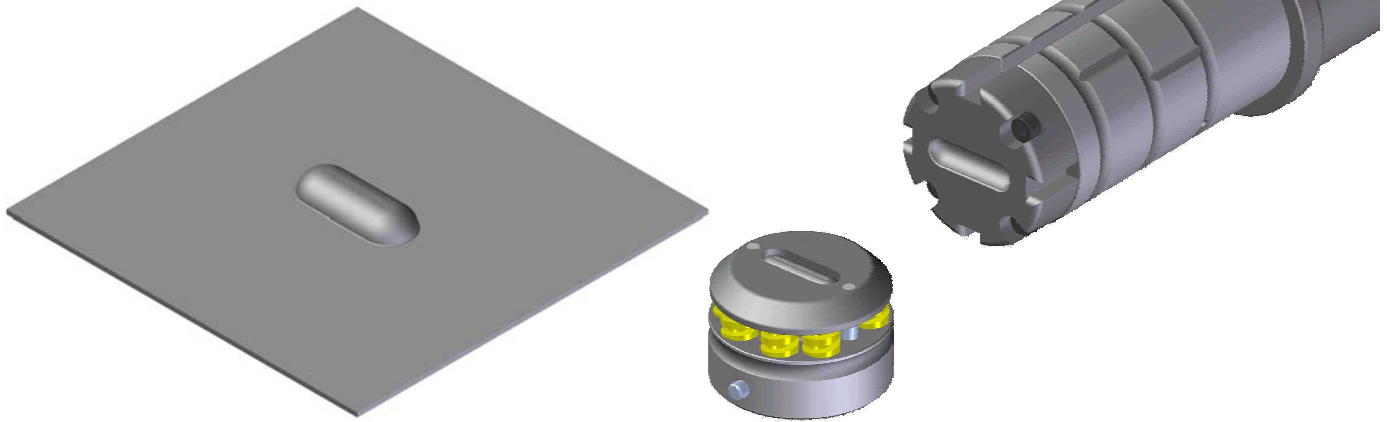


Material Thickness (T) mm _____	A: \varnothing mm _____	
	B: mm _____	
Material _____	C: mm _____	
	H: mm _____	
Machine Type _____		
	Compiled by _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E		
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming		
Attention	MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.	
Note	1) This field must be filled in by MATRIX srl.	

JETFORMER TOOLS

ORDER FORM

DEFORMATION - OBROUND EMBOSS



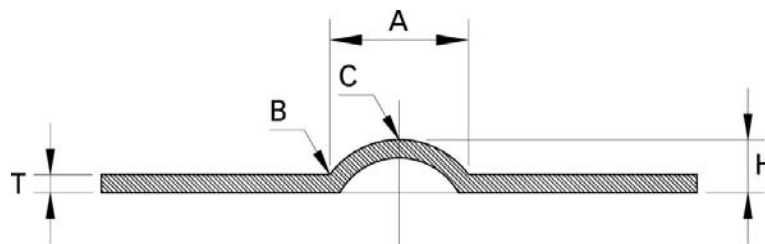
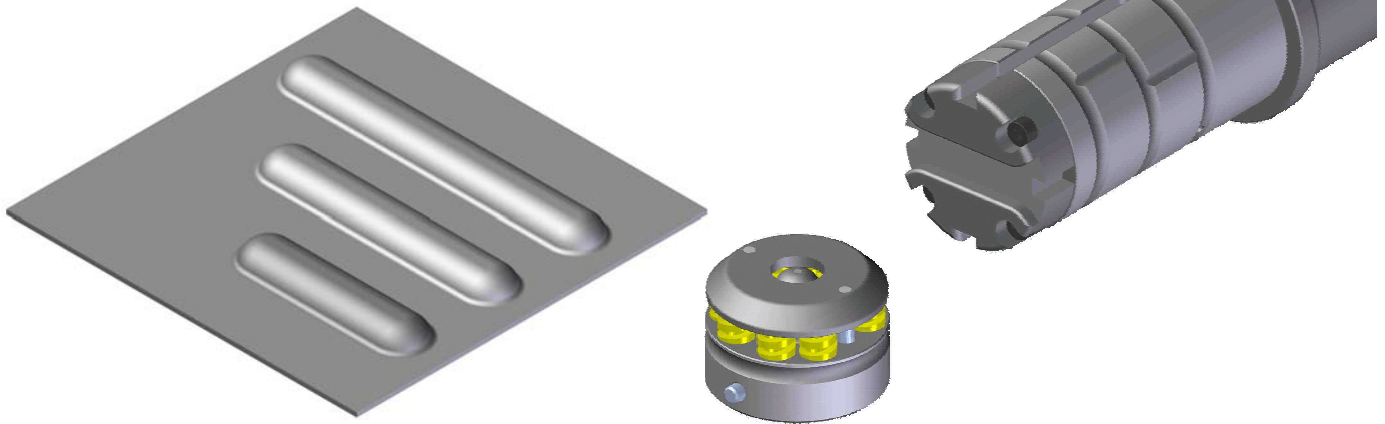
Material Thickness (T) mm _____	A: mm _____	
Material _____	B: mm _____	
Machine Type _____	C: mm _____	
	D: mm _____	
	H: mm _____	
	Compiled by _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E		
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming		
Attention	MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.	
Note	1) This field must be filled in by MATRIX srl.	



JETFORMER TOOLS

ORDER FORM

DEFORMATION - CONTINUOUS OBOUND EMBOSS

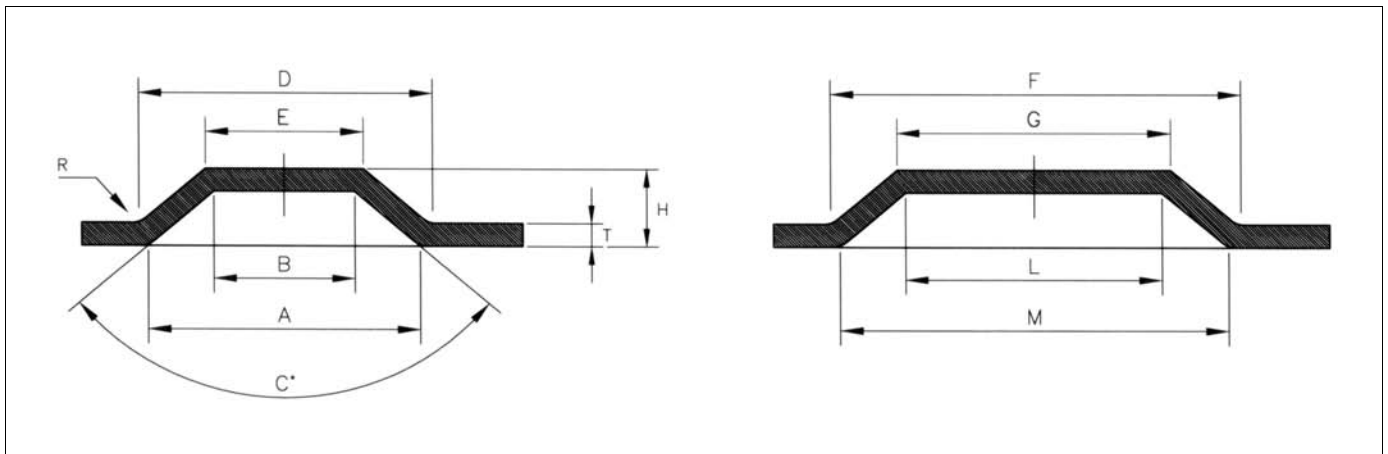
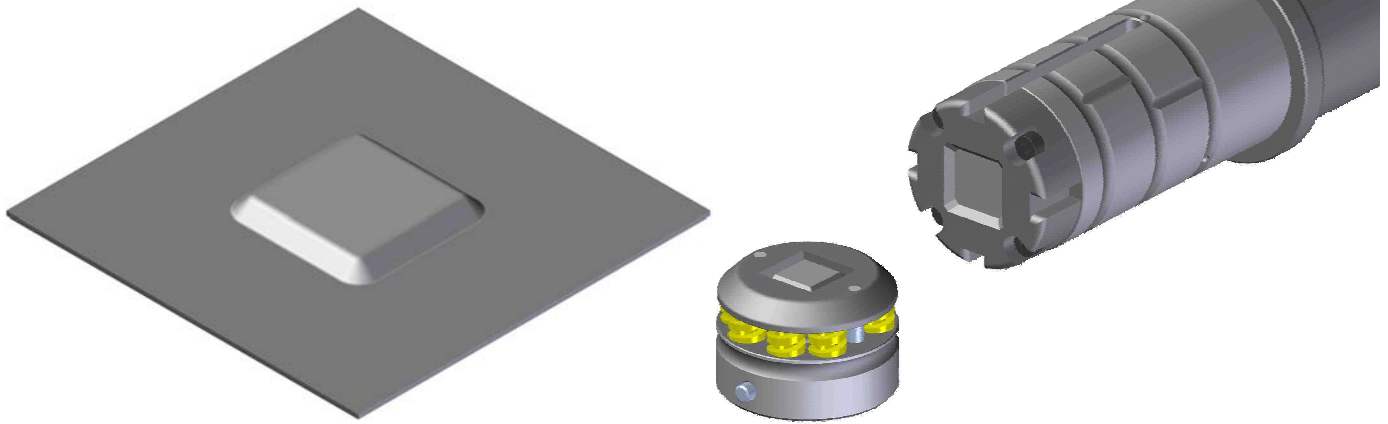


Material Thickness (T) mm _____	A: mm _____	
	B: mm _____	
Material _____	C: mm _____	
	H: mm _____	
Machine Type _____		
	Compiled by _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E		
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming		
Attention	MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.	
Note	1) This field must be filled in by MATRIX srl.	

JETFORMER TOOLS

ORDER FORM

DEFORMATION - SHAPED EMBOSS

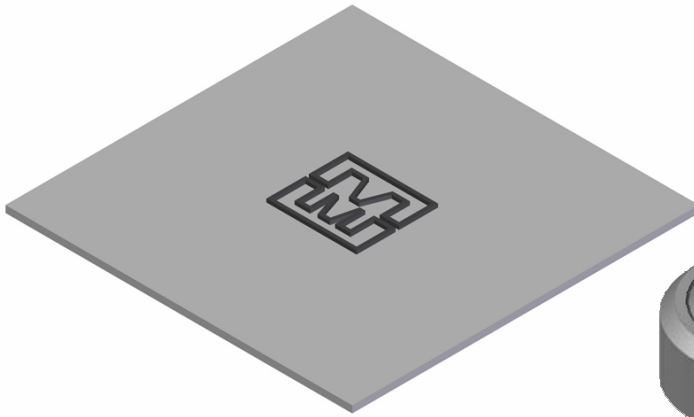


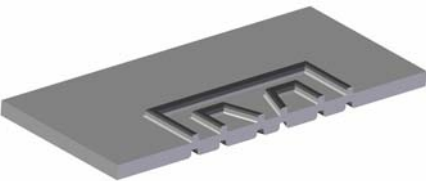
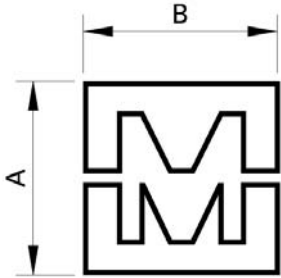
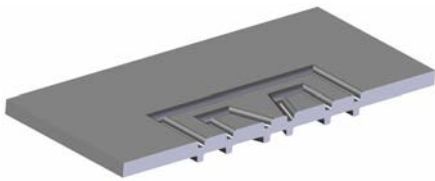
Material Thickness (T) mm _____	A: mm _____	H: mm _____
Material _____	B: mm _____	L: mm _____
Machine Type _____	C: _____ °	M: mm _____
	D: mm _____	R: mm _____
	E: mm _____	
	F: mm _____	
	G: mm _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Compiled by _____	
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming		
Attention	MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.	
Note	1) This field must be filled in by MATRIX srl.	

JETFORMER TOOLS

ORDER FORM

DEFORMATION - RELIEF



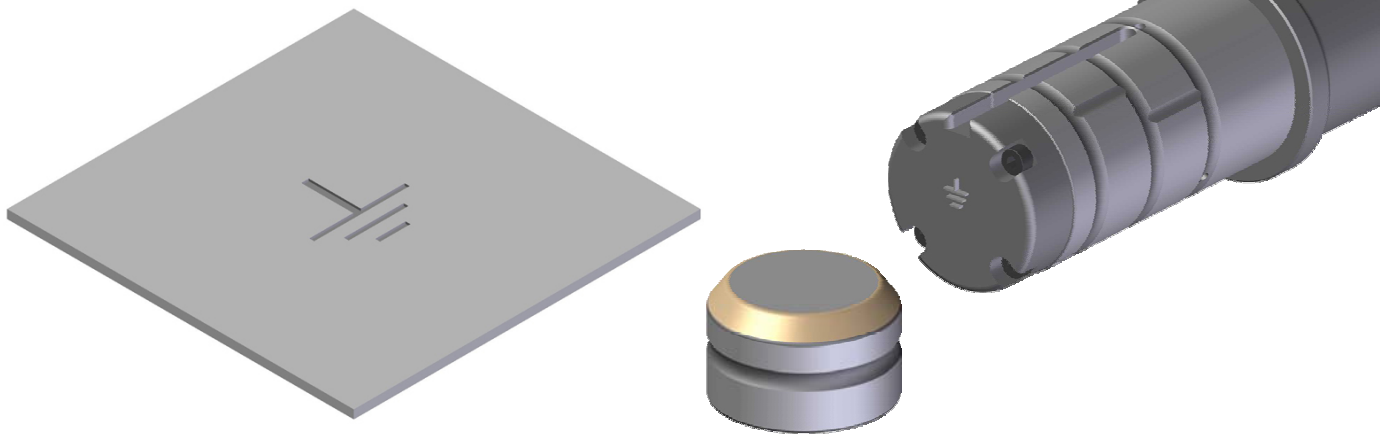
A - UP FORMING RELIEF		B - DOWN FORMING RELIEF
		
Material Thickness (T) mm _____	A: mm _____	
Material _____	B: mm _____	
Machine Type _____		
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Compiled by _____	
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Forming Direction A <input type="checkbox"/> Up Forming B <input type="checkbox"/> Down Forming		
Attention MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.		
Note 1) This field must be filled in by MATRIX srl.		


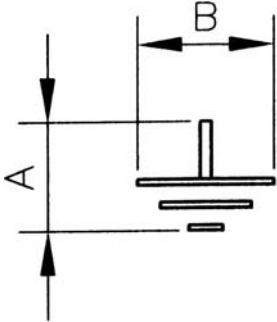



JETFORMER TOOLS

ORDER FORM

ENGRAVING

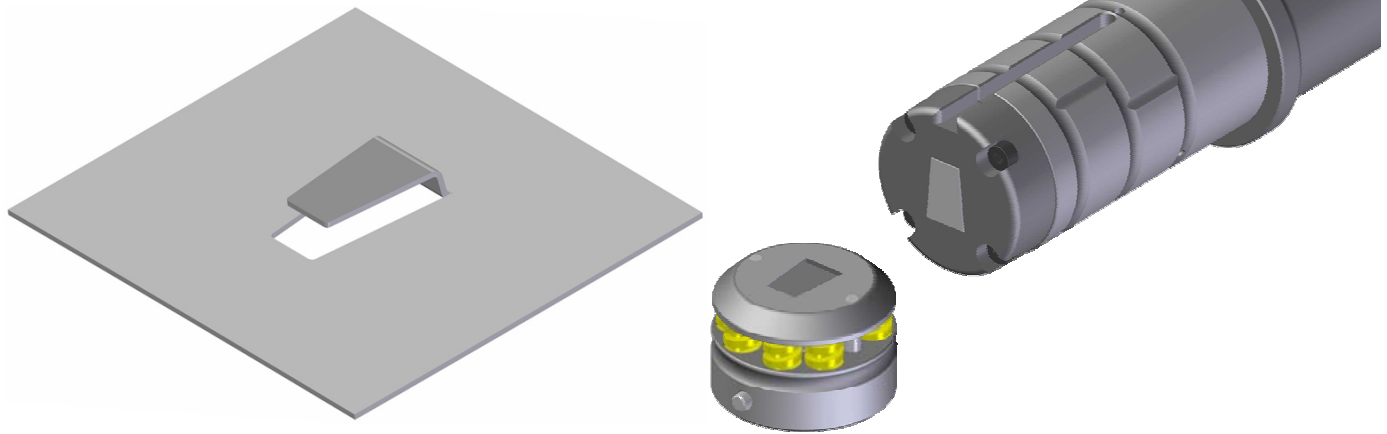


A - UP FORMING ENGRAVING		B - DOWN FORMING ENGRAVING
		
Material Thickness (T) mm _____	A: mm _____	
Material _____	B: mm _____	
Machine Type _____		
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Compiled by _____	
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Forming Direction A <input type="checkbox"/> Up Forming B <input type="checkbox"/> Down Forming		
Attention MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.		
Note 1) This field must be filled in by MATRIX srl.		

JETFORMER TOOLS

ORDER FORM

SHEARING AND DEFORMATION - SHELF CLIP

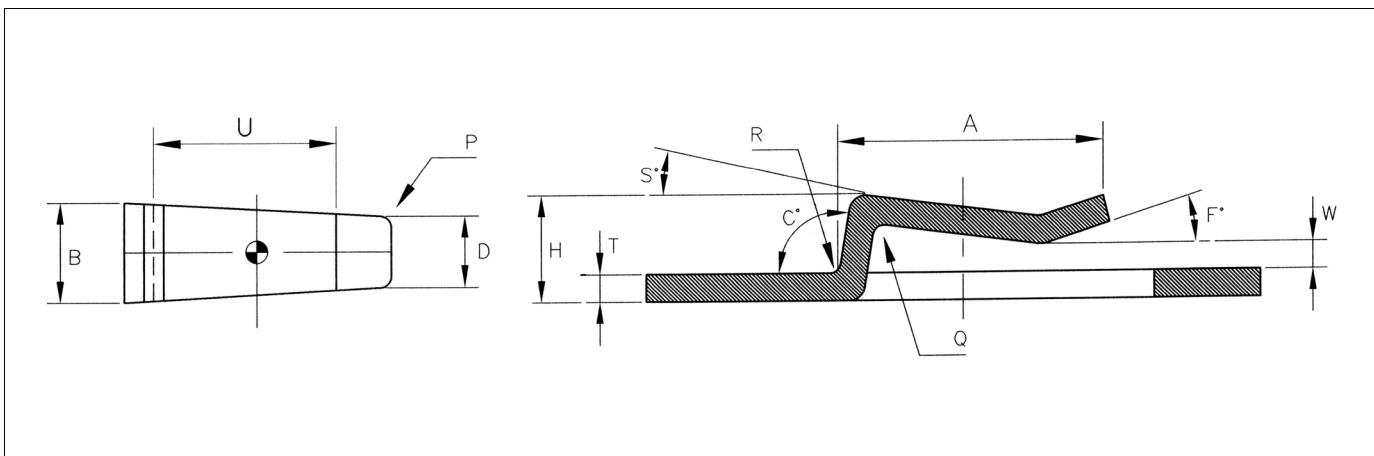
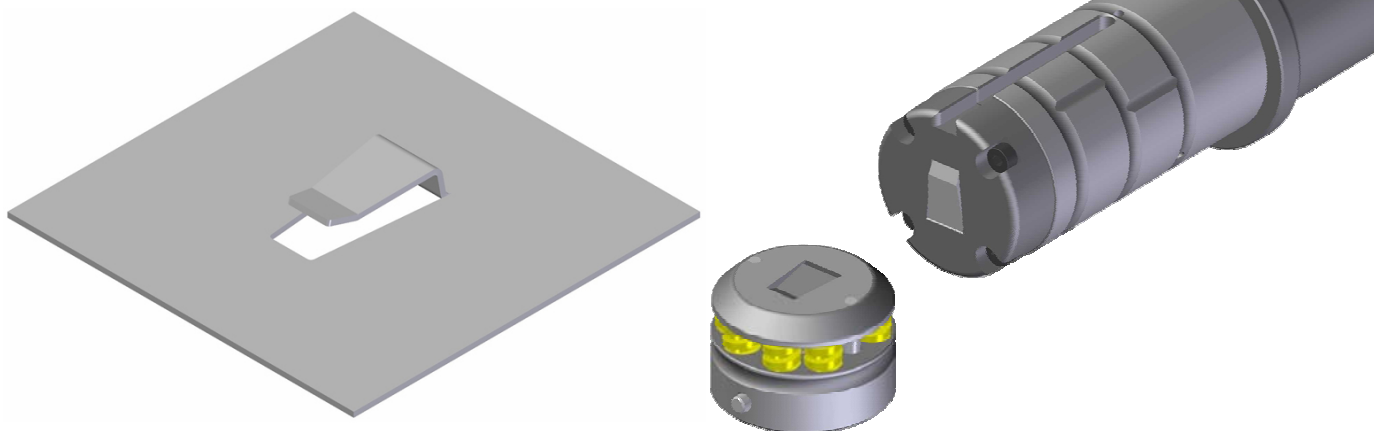


Material Thickness (T) mm _____	A: mm _____	Q: mm _____	
Material _____	B: mm _____	R: mm _____	
Machine Type _____	C: _____ °	S: mm _____	
	D: _____ °		
	E: mm _____		
	F: mm _____		
	H: mm _____		
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Compiled by _____		
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____		
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming			
Attention	MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.		
Note	1) This field must be filled in by MATRIX srl.		

JETFORMER TOOLS

ORDER FORM

SHEARING AND DEFORMATION - SPRING CLIP



Material Thickness (T) mm _____	A: mm _____	P: mm _____
	B: mm _____	Q: mm _____
Material _____	C: _____°	R: mm _____
	D: mm _____	S: _____°
Machine Type _____	F: _____°	W: mm _____
	H: mm _____	
	U: mm _____	
Compiled by _____		
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E		
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming		

Attention MATRIX srl won't be responsible for eventual distortions of the sheet during the processing.
 You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.

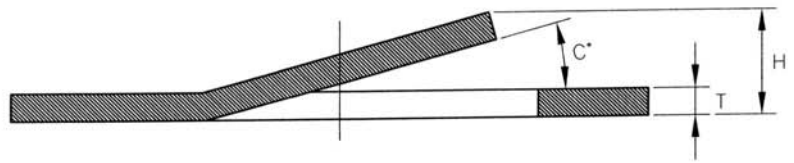
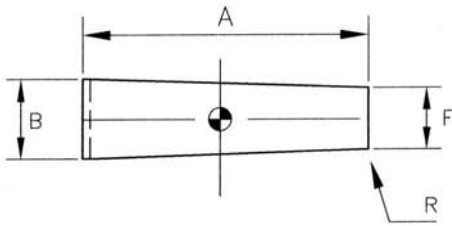
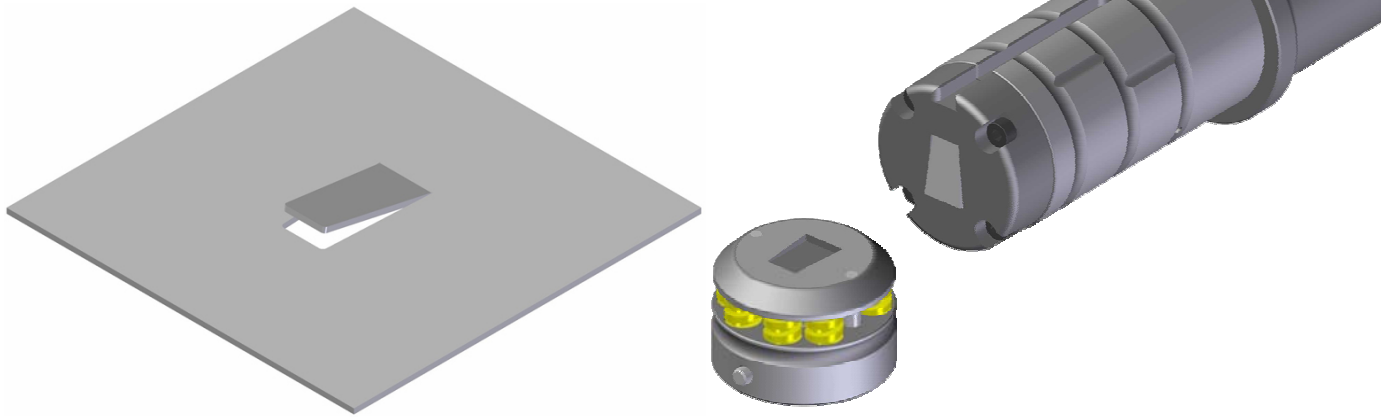
Note 1) This field must be filled in by MATRIX srl.



JETFORMER TOOLS

ORDER FORM

SHEARING AND DEFORMATION - SPRING TAB

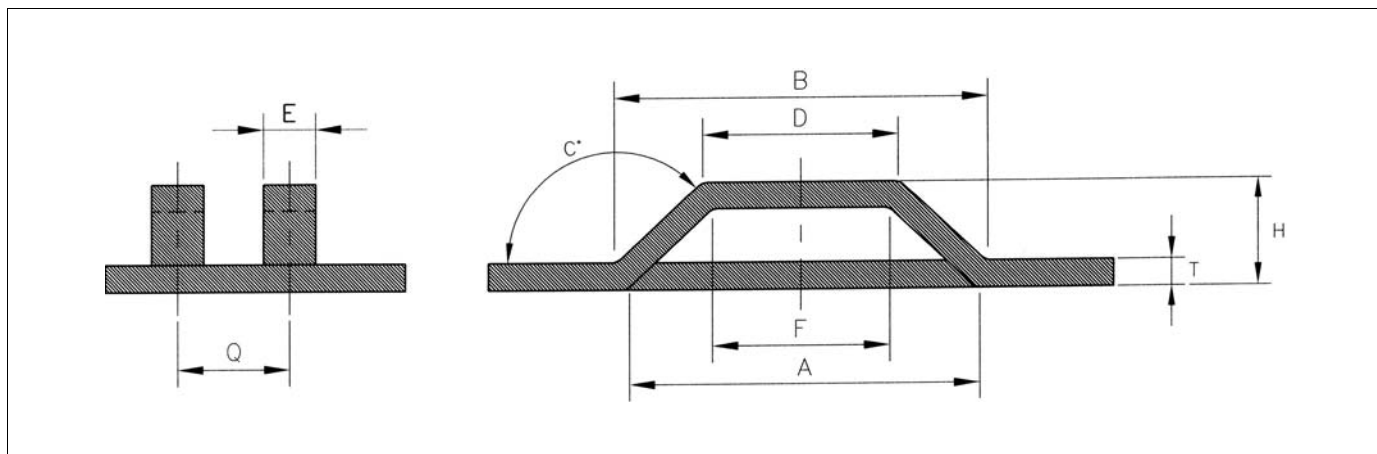
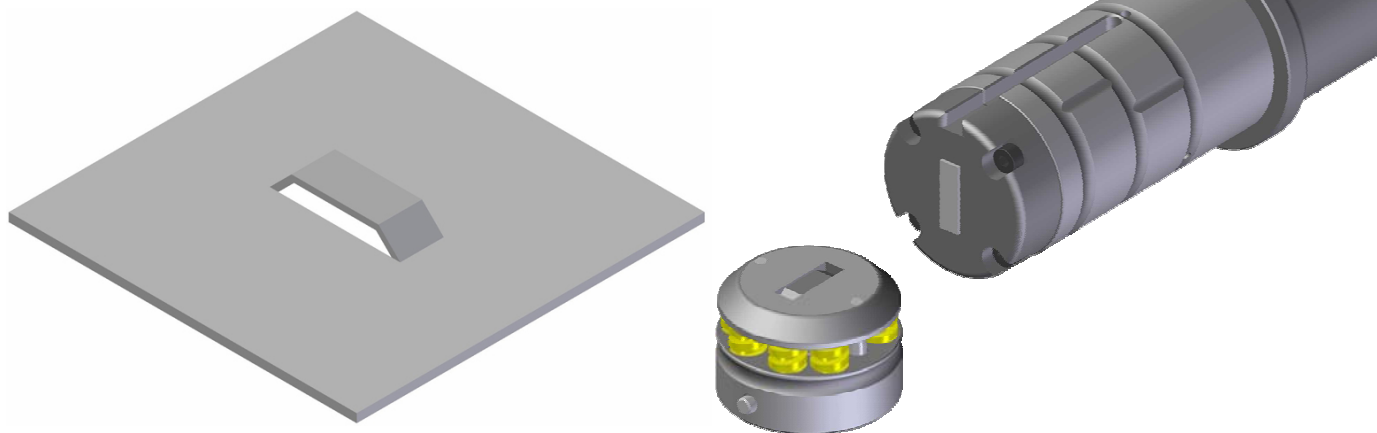


Material Thickness (T) mm _____	A: mm _____	
Material _____	B: mm _____	
Machine Type _____	C: _____ °	
	F: mm _____	
	H: mm _____	
	R: mm _____	
	Compiled by _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E		
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming		
Attention	MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.	
Note	1) This field must be filled in by MATRIX srl.	

JETFORMER TOOLS

ORDER FORM

SHEARING AND DEFORMATION - BRIDGE



Material Thickness (T) mm _____	A: mm _____	Q: mm _____
Material _____	B: mm _____	
Machine Type _____	C: _____ °	
	D: mm _____	
	E: mm _____	
	F: mm _____	
	H: mm _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Compiled by _____	
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming		

Attention MATRIX srl won't be responsible for eventual distortions of the sheet during the processing.
You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.

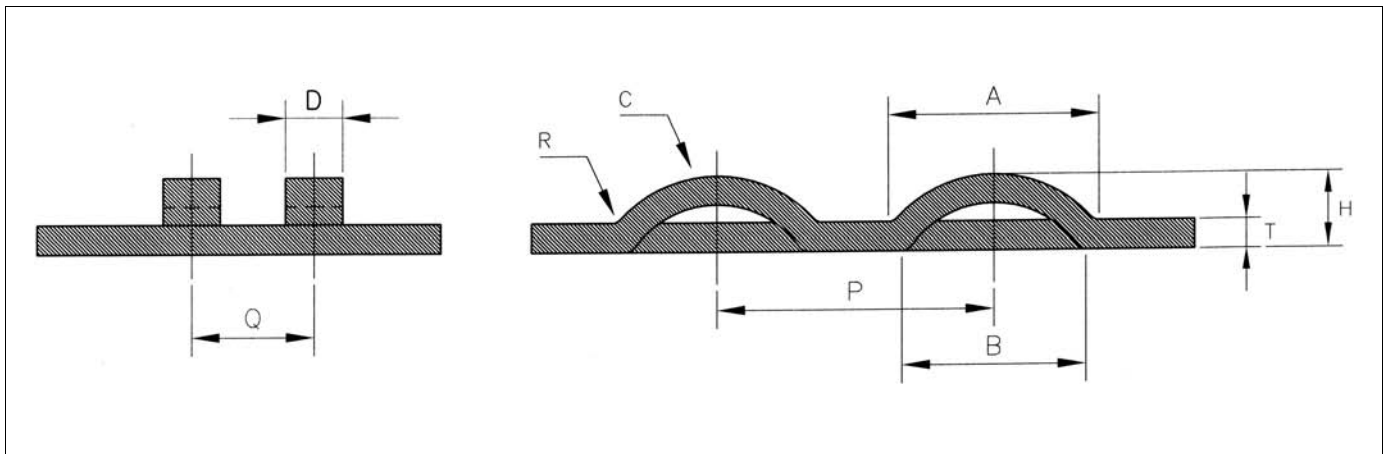
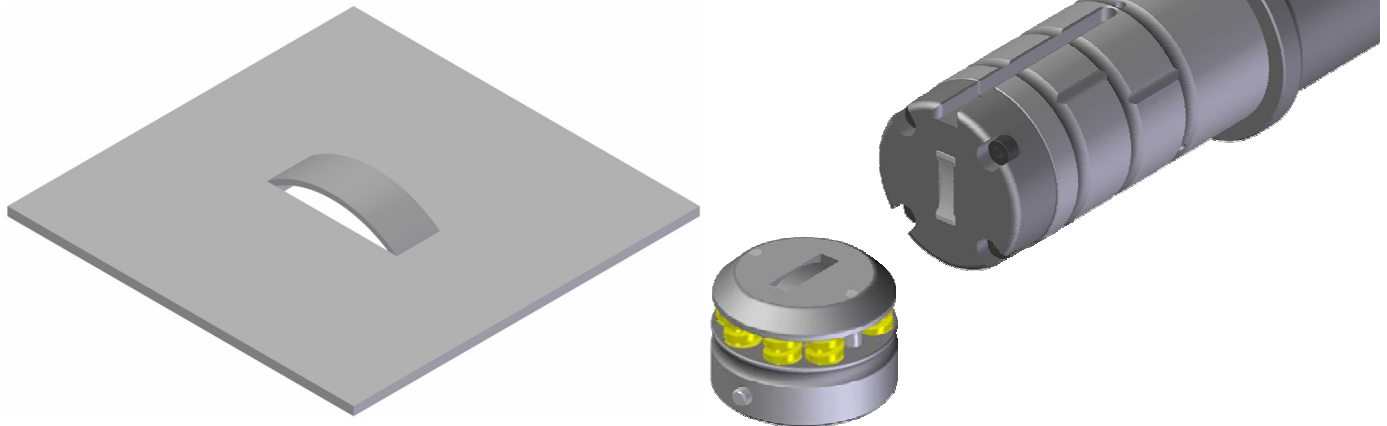
Note 1) This field must be filled in by MATRIX srl.



JETFORMER TOOLS

ORDER FORM

SHEARING AND DEFORMATION - CURVED BRIDGE

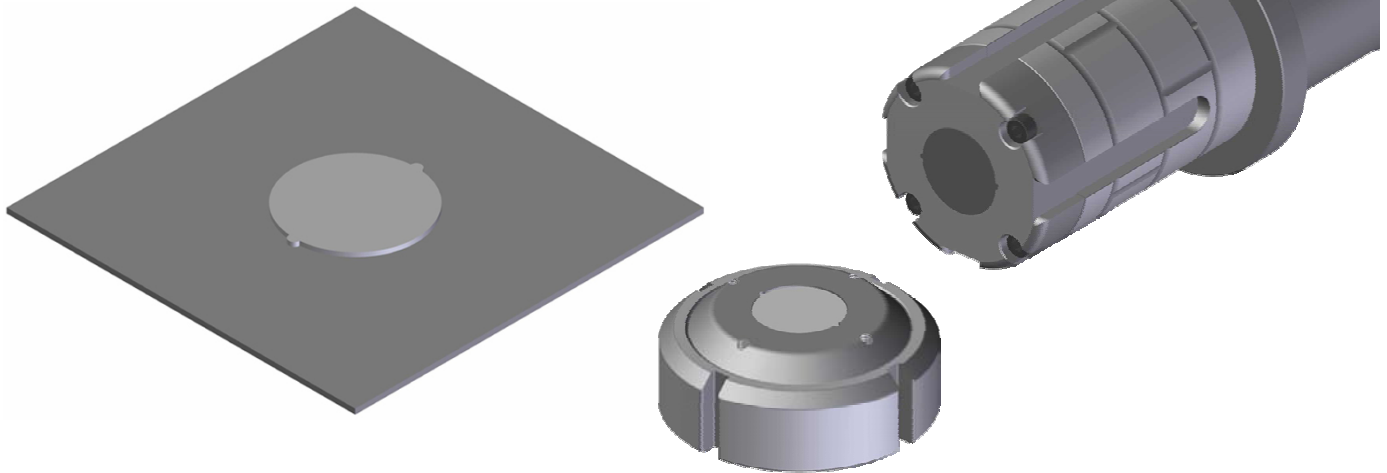


Material Thickness (T) mm _____	A: mm _____	R: mm _____
Material _____	B: mm _____	
Machine Type _____	C: mm _____	
	D: mm _____	
	H: mm _____	
	P: mm _____	
	Q: mm _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Compiled by _____	
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming		
Attention	MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.	
Note	1) This field must be filled in by MATRIX srl.	

JETFORMER TOOLS

ORDER FORM

SHEARING AND DEFORMATION - KNOCKOUT



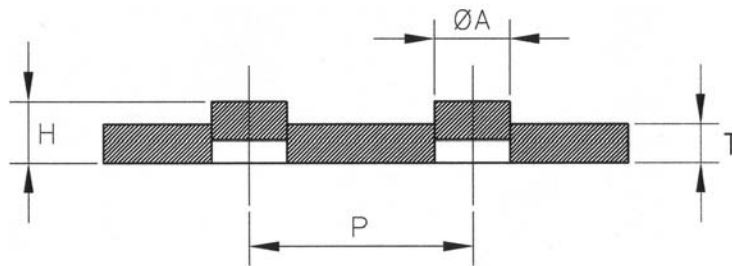
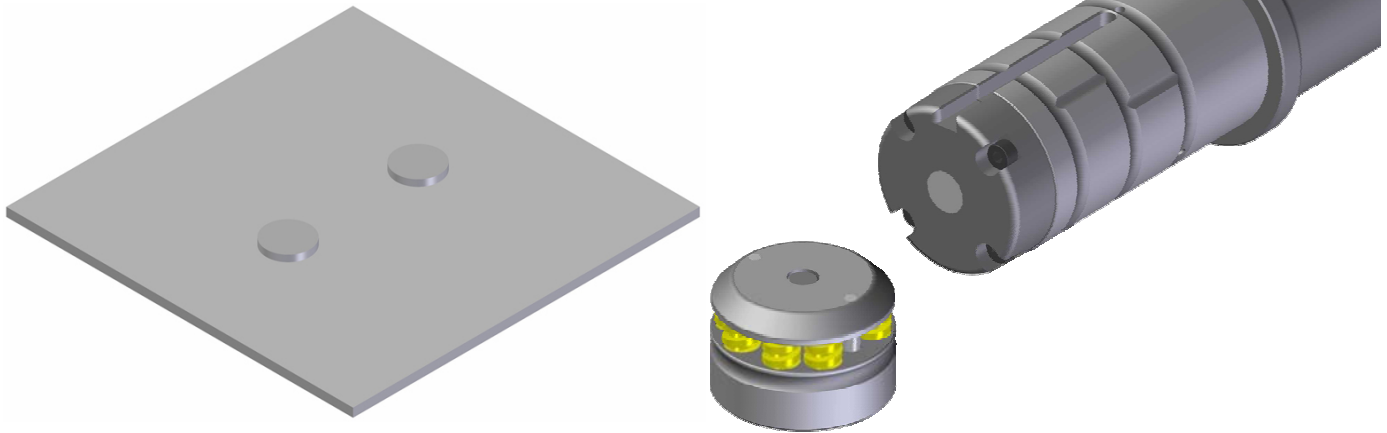
	<p>TYPE 1</p>	<p>TYPE 2</p>	<p>TYPE 3</p>
	<p>TYPE 4</p>		
Material Thickness (T) mm _____	A: Ø mm _____		
Material _____	B: mm _____		
Machine Type _____	C: mm _____		
Type <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	Compiled by _____		
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E			
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____		
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming			
Attention MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.			
Note 1) This field must be filled in by MATRIX srl.			



JETFORMER TOOLS

ORDER FORM

SHEARING AND DEFORMATION - SHEAR BUTTON

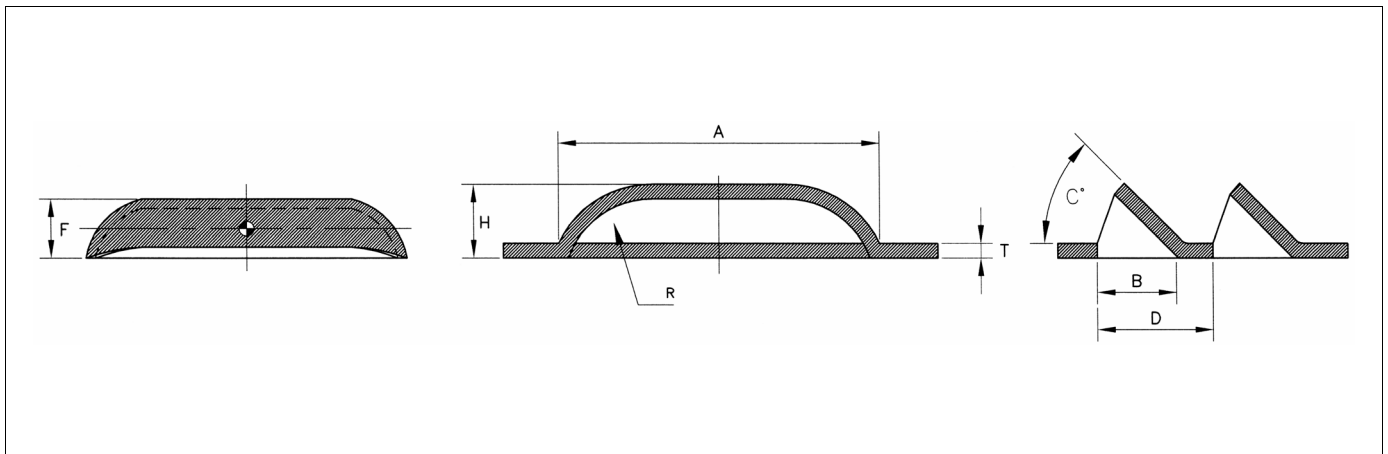
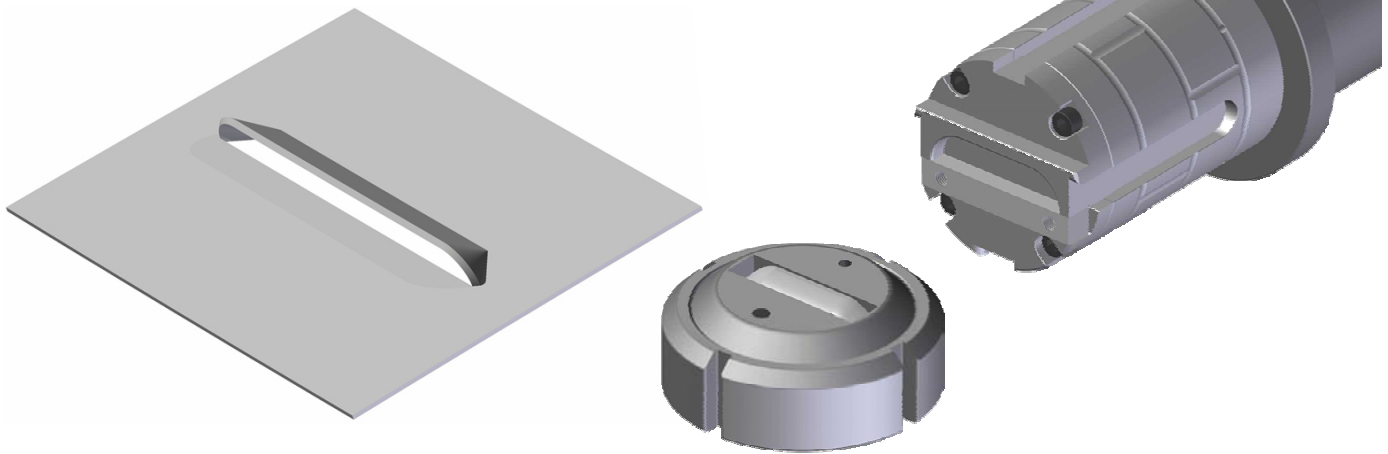


Material Thickness (T) mm _____	A: Ø mm _____	
	H: mm _____	
Material _____	P: mm _____	
Machine Type _____		
	Compiled by _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E		
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming		
Attention	MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.	
Note	1) This field must be filled in by MATRIX srl.	

JETFORMER TOOLS

ORDER FORM

SHEARING AND DEFORMATION - STRAIGHT BACK LOUVER



Material Thickness (T) mm _____	A: mm _____	
	B: mm _____	
Material _____	C: _____ °	
	D: mm _____	
Machine Type _____	F: mm _____	
	H: mm _____	
	R: mm _____	
	Compiled by _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E		
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming		

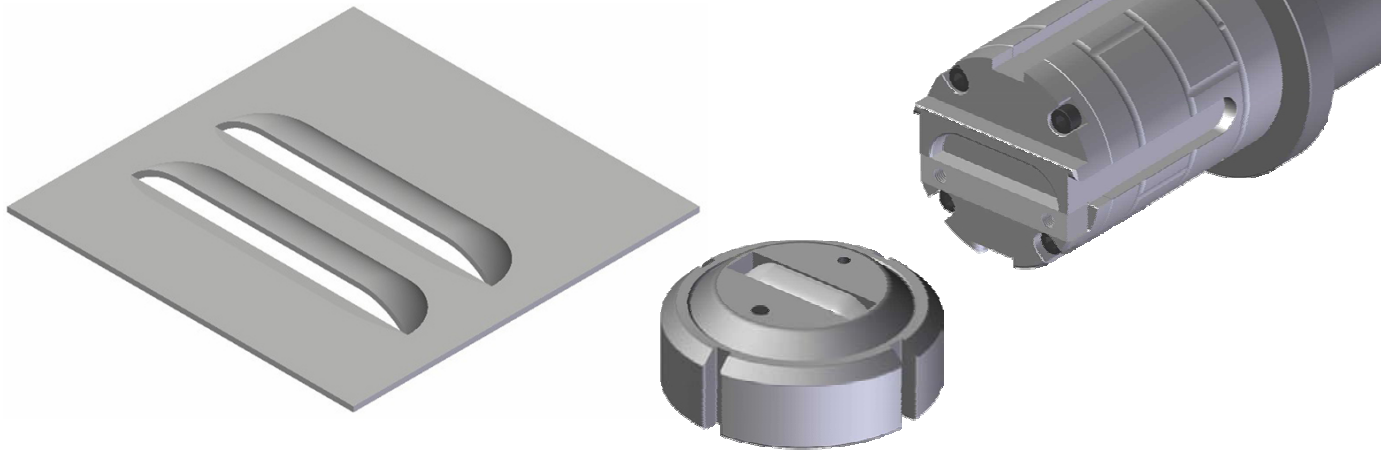
Attention MATRIX srl won't be responsible for eventual distortions of the sheet during the processing.
You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.

Note Louver tools require a special die and do not use the standard lower insert holder.
1) This field must be filled in by MATRIX srl.

JETFORMER TOOLS

ORDER FORM

SHEARING AND DEFORMATION - RADIUS BACK LOUVER

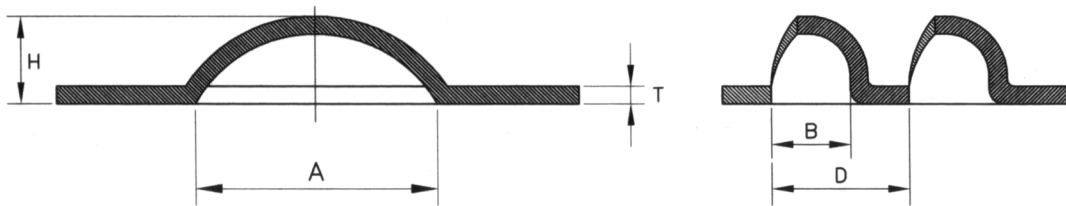
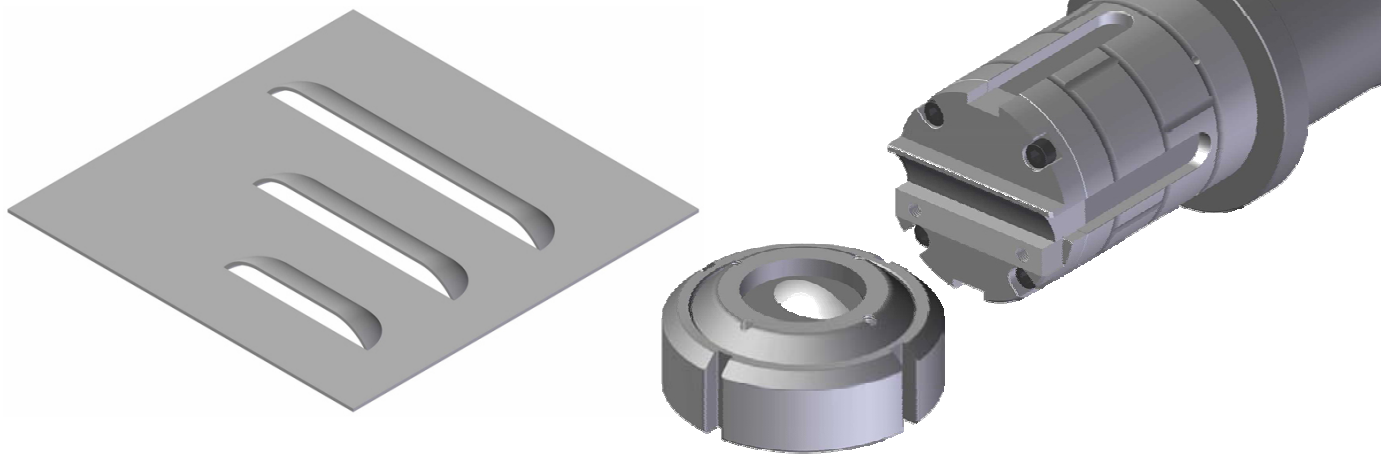


Material Thickness (T) mm _____	A: mm _____	
Material _____	B: mm _____	
Machine Type _____	D: mm _____	
	F: mm _____	
	H: mm _____	
	R: mm _____	
	S: mm _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Compiled by _____	
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming		
Attention	MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.	
Note	Lover tools requie a special die and do not use the standard lower insert holder. 1) This field must be filled in by MATRIX srl.	

JETFORMER TOOLS

ORDER FORM

SHEARING AND DEFORMATION - CONTINUOUS RADIUS BACK LOUVER

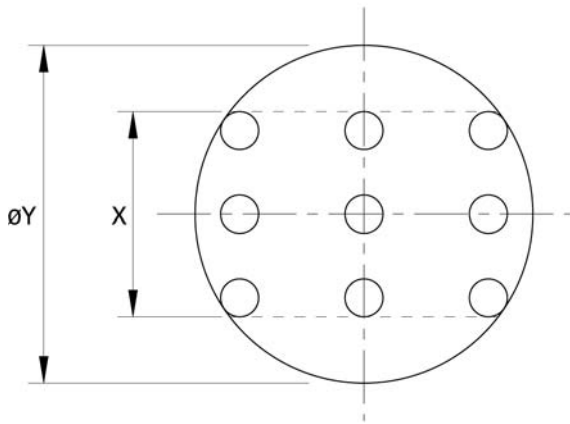
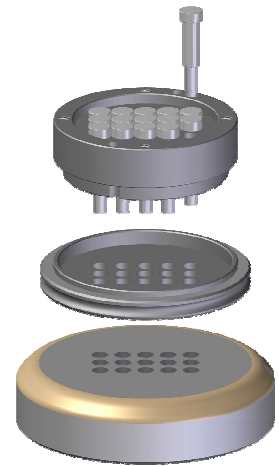
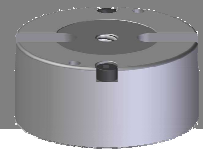


Material Thickness (T) mm _____	B STATION	C STATION
	A: mm 25 standard	A: mm 32 standard
Material _____	A: mm _____	A: mm _____
	B: mm _____	B: mm _____
Machine Type _____	D: mm _____	D: mm _____
	H: mm _____	H: mm _____
	Compiled by _____	
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C	Approved by _____	
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C		
Forming Direction <input type="checkbox"/> Up Forming <input type="checkbox"/> Down Forming		
Attention	MATRIX srl won't be responsible for eventual distortions of the sheet during the processing. You must always indicate the X and Y steps for possible multiple deformations. If it isn't indicate, MATRIX srl reserve the right to ignore it.	
Note	Louver tools require a special die and do not use the standard lower insert holder. 1) This field must be filled in by MATRIX srl.	

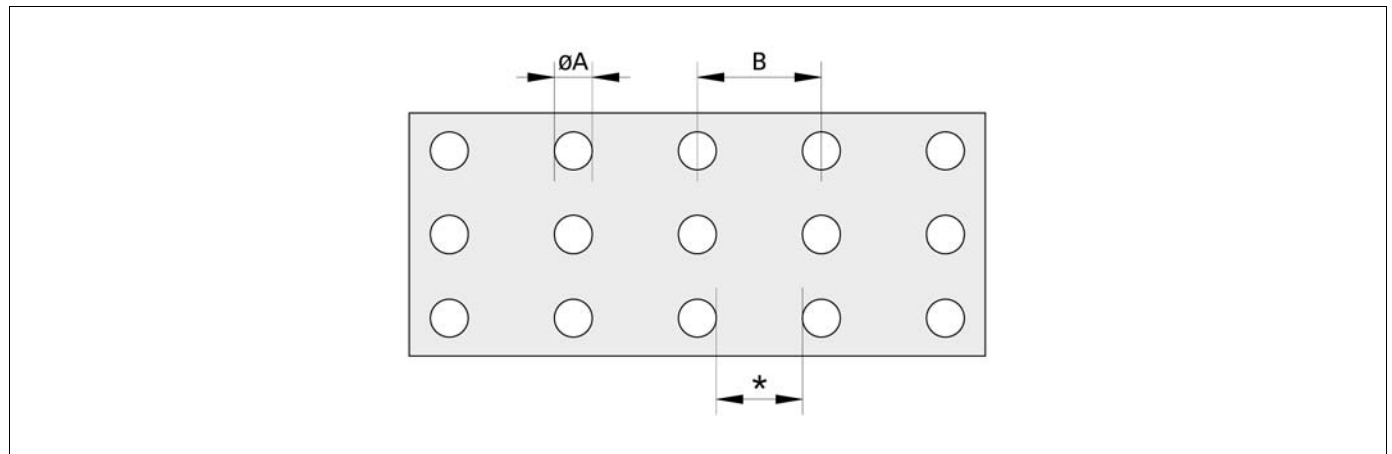
SPECIAL TOOLS

ORDER FORM

CLUSTER TOOL SUITABLE FOR THICK TURRET PUNCH HOLDER



	B Station	C Station	D Station	E Station
X	21	29	56	71
ØY	31,7	50,8	88,9	114,3



Material Thickness (T) mm _____	A: Ø mm _____	
Material _____	B: mm _____	
Machine Type _____	* In order to grant the die lasting, this dimension will have to equal at least the double of sheet thickness used.	
		Compiled by _____
Requested Station <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E	Approved by _____	
Proposed Station ¹ <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E		
Attention MATRIX srl won't be responsible for eventual distortions of the sheet during the processing.		
Note 1) This field must be filled in by MATRIX srl.		



TOOLS CODING

In order to give to customers a quick and efficient service each tool feature has been coded, to allow the final user a fast identification means for the correct tool.

Here as following some examples of the most commonly used codes.

Tool Shape (XX)

00 - Round
 01 - Obround
 02 - Square
 03 - Rectangular
 A1 - Special Shape A01
 A2 - Special Shape A02
 A3 - Special Shape A03
 A4 - Special Shape A04
 A5 - Special Shape A05
 A6 - Special Shape A06
 B1 - Special Shape B01
 B2 - Special Shape B02
 B3 - Special Shape B03
 B4 - Special Shape B04
 B5 - Special Shape B05
 B6 - Special Shape B06
 C1 - Special Shape C01
 C2 - Special Shape C02
 C3 - Special Shape C03
 C4 - Special Shape C04
 C5 - Special Shape C05
 C6 - Special Shape C06
 C7 - Special Shape C07
 C8 - Special Shape C08
 C9 - Special Shape C09
 CA - Special Shape C10
 CB - Special Shape C11
 CC - Special Shape C12
 CD - Special Shape C13
 CE - Special Shape C14
 CF - Special Shape C15
 CG - Special Shape C16
 D1 - Special Shape D01
 D2 - Special Shape D02
 D3 - Special Shape D03
 D4 - Special Shape D04
 D5 - Special Shape D05
 D6 - Special Shape D06
 E1 - Special Shape E01
 E2 - Special Shape E02
 E3 - Special Shape E03
 E4 - Special Shape E04
 F1 - Special Shape F01
 F2 - Special Shape F02
 G1 - Special Shape G01
 H1 - Special Shape H01
 H2 - Special Shape H02
 H3 - Special Shape H03
 H4 - Special Shape H04
 H5 - Special Shape H05
 H6 - Special Shape H06
 H7 - Special Shape H07
 H8 - Special Shape H08
 H9 - Special Shape H09
 HA - Special Shape H10
 HB - Special Shape H11
 HC - Special Shape H12
 HD - Special Shape H13

Tool Dimensions (YYY)

This three digit code univocally identifies tool dimensions, if it is a punch, a die or a stripper.

Example:

000 - 3
 001 - 3,5
 002 - 4
 003 - 4,5
 004 - 5
 ...

Tool Groups (W)

In some cases inside a tool typology it is possible to find various groups, meaning measures sets, which are identified through this variable.

Example:

B0 - Punch, 1st Group, "A" Coating
 B1 - Punch, 2nd Group, "A" Coating
 B2 - Punch, 3rd Group, "A" Coating
 B3 - Punch, 4th Group, "A" Coating
 B4 - Punch, 5th Group, "A" Coating

Tool Features (ZZ)

00 - Punch
 20 - Die
 40 - Stripper
 60 - Punch Guide
 63 - Die Adaptor
 68 - Punch Adaptor
 72 - Adjustable Guide Assembly
 AF - Punch Guide
 AR - Die Holder
 B0 - Punch, "A"
 C0 - Punch, "B"
 D0 - Punch, "A" Coating, DWP
 E0 - Punch, "B" Coating, DWP
 F0 - Punch, "A" Coating, DWNT
 G0 - Punch, "B" Coating, DWNT
 H0 - Punch, "A" Coating, WN
 I0 - Punch, "B" Coating, WN
 J0 - Punch, "A" Coating, WNT
 K0 - Punch, "B" Coating, WNT
 L0 - Punch DWP
 M0 - Punch DWNT
 N0 - Punch WN
 P0 - Punch WNT
 Q0 - Punch Extended
 R0 - Punch, Measures under mm 4
 BA - Complete Upper Insert Holder
 BB - Complete Lower Insert Holder
 DY - Basic Set
 GS - Starting Set
 LX - Punch Holder Set



COMPANY PROFILE

We produce tooling for

Punch Presses cnc

AMADA
FINN-POWER
LVD
RAINER
TRUMPF
WIEDEMANN
EUROMAC
SCHIAVI
IMAC
DURMA
HACO

Iron Workers

FICEP
GEKA
IMS
OMERA
MUBEA
PEDDINGHAUS
KINGSLAND

And more.

A DYNAMIC TEAM

Each Matrix product is the result of the cooperation of young and highly qualified technicians who constantly keep themselves updated and deal with problems and requirements of the production cycle.

THE CUSTOMER, A UNIQUE AND UNREPEATABLE PARTNER

We are convinced that every customer deserves special care. For this reason Matrix does not offer just a product, but also technical support and an advice service which aim is to obtain mutual satisfaction.

QUALITY TOOLS FOR EVERY REQUIREMENT

Our design and production are oriented to develop innovative solutions to fulfil different customers' problems, as well as guarantee the highest quality standard in each production processing phase.

ENERGIES ORIENTED TO MAXIMUM ACCURACY

To the production unit devoted to traditional mechanical processing has been added a new plant optimized to accomplish high technology content processing. The recent building, innovative in our field, is entirely wired and built with specific features to guarantee the product high quality and accuracy.

DIES AND PUNCHES BORN TO LAST

The high reliability and long life which distinguish Matrix' products are the result of experience, devotion, constant research and use of superior quality of raw materials.

INNOVATIVE TECHNOLOGIES FOR HIGH PERFORMANCES

Matrix invests in the best technologies: from sophisticated software for designing, to computerization of production data. From the scheduling to product tuning and final test.

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MATRIX

Tooling for Punch Presses

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info@matrixtools.eu

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SYSTEM CERTIFIED BY DNV
= ISO 9001:2000 =