

ALLround 2005

System Thick Turret



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ALLround 2005

The tooling system ALLround 2005 is one of our solutions for your Thick Turret machine.

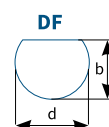
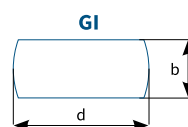
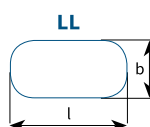
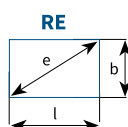
The ALLround 2005 is equipped with the AirBlow tool lubrication system and thus offers you the advantage of a long service life.

- Tool length adjustment by pressing a button (Twist step of 0,2 mm)
- Available compact or with exchangeable stripper
- Quick change of punch and stripper
- Available with open and closed guide



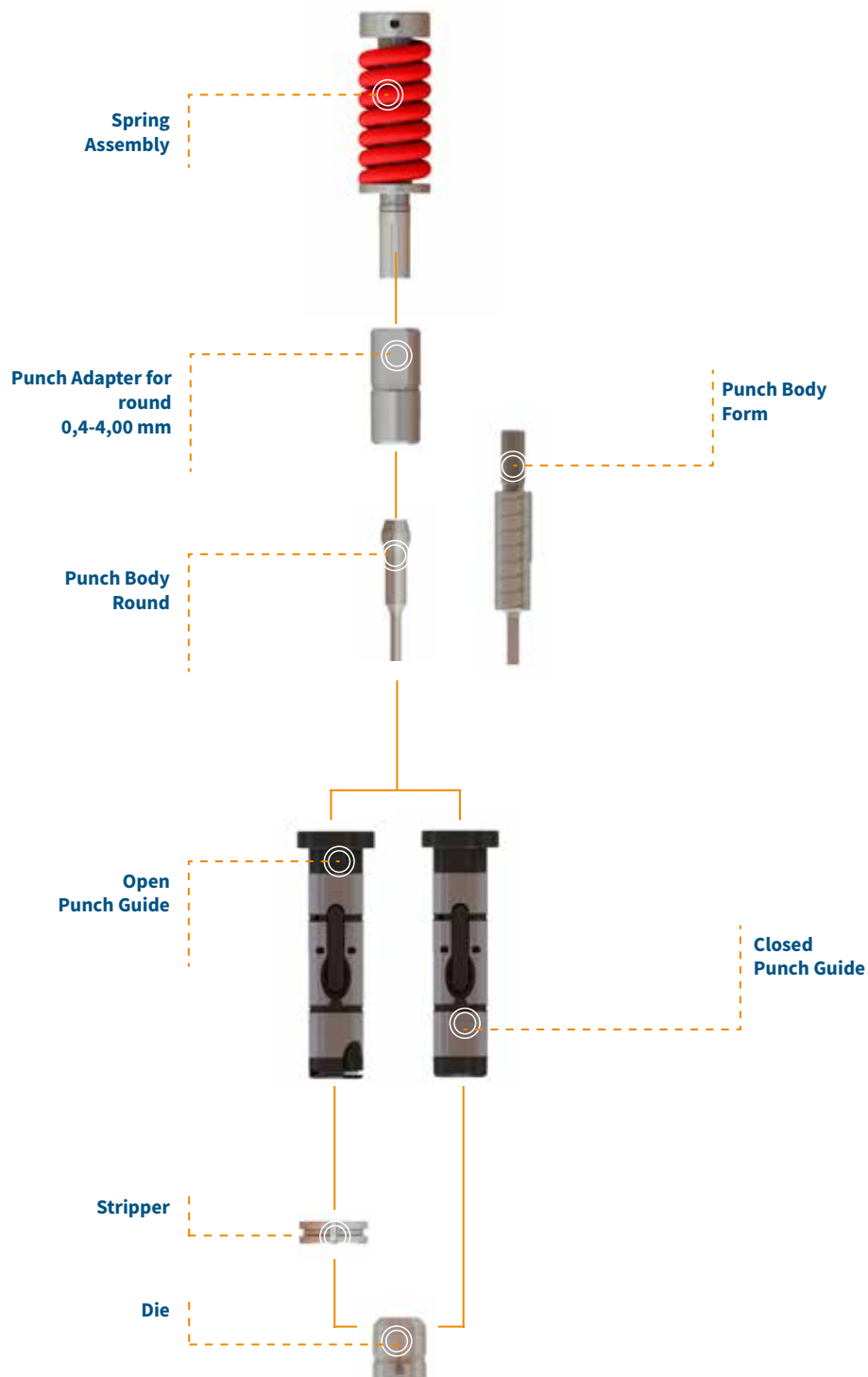
*Punch Assembly = Guide Assembly + Punch Body + Stripper = Complete tool without die

*Guide Assembly = Spring Assembly + Punch Guide (+ Punch adapter)



Standard Shapes

Overview ALLround 2005 | A Station



ALLround 2005 | A Station

Diameter up to 0,4 - 4,0 mm

Open Punch Guide

Punch Assembly	Art.-No.	Price EUR
Round	71050-AK	

Guide Assembly

Round	71000-A	
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Spring Assembly

All shapes	71001-A	
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Punch adapter

Round	71007-A	
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Punch Guide

Round	71006-A	
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Punch Body

Round	71005-1SN	
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Stripper

Round	71015	
-------	-------	--

Die

Round	71010	
-------	-------	--

Surcharge for reinforced version x EUR.

Closed Punch Guide

Punch Assembly	Art.-No.	Price EUR
Round	71050-AG	

Spring Assembly

All shapes	71001-A	
------------	---------	--

Punch adapter

Round	71007-A	
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Punch Guide

Round	71006-AG	
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Punch Body

Round	71005-1SN	
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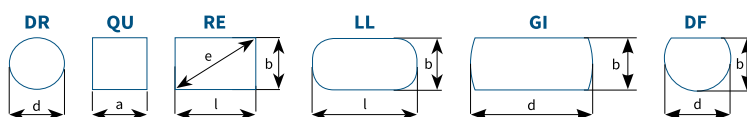
Die

Round	71010	
-------	-------	--

Surcharge for reinforced version x EUR.

Coating	DT+ / HT / VT
Shear type	DOWT
Resharpener zone	6 mm

A description of coatings and shear types can be found on page 21.



Standard Shapes

ALLround 2005 | A Station

Diameter up to 4,1 - 12,7 mm

Open Punch Guide

Punch Assembly	Art.-No.	Price EUR
Round	71050-1AK	

Guide Assembly

Round	71000-1A	
-------	----------	--

Spring Assembly

All shapes	71001-A	
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Punch Guide

Round	71006-A	
-------	---------	--

Punch Body

Round	71005-1A	
-------	----------	--

Stripper

Round	71015	
-------	-------	--

Die

Round	71010	
-------	-------	--

Surcharge for reinforced version x EUR.

Closed Punch Guide

Punch Assembly	Art.-No.	Price EUR
Round	71050-1AG	

Spring Assembly

All shapes	71001-A	
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Punch Guide

Round	71006-1AG	
-------	-----------	--

Punch Body

Round	71005-1A	
-------	----------	--

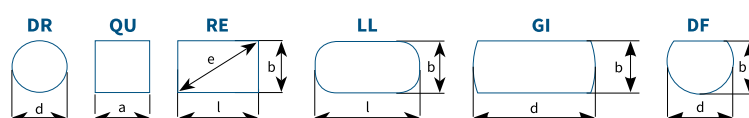
Die

Round	71010	
-------	-------	--

Surcharge for reinforced version x EUR.

Coating	DT+ / HT / VT
Shear type	DOWT
Shear type	2PT
Shear type	4PT
Resharpending zone	12 mm

A description of coatings and shear types can be found on page 21.



Standard Shapes

ALLround 2005 | A Station

Diameter up to bis 12,7 mm

Open Punch Guide

Punch Assembly

Form	Art.-No.	Price EUR
------	----------	-----------

Form	72150-AK	
------	----------	--

Guide Assembly

Form	72100-A	
------	---------	--

Spring Assembly

All shapes	71001-A	
------------	---------	--

Punch Guide

Form	72106-A	
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Punch Body

Form	72105-1A	
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Stripper

Form	72115	
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Die

Form	72110	
------	-------	--

Surcharge for reinforced version x EUR.

Closed Punch Guide

Punch Assembly

Form	Art.-No.	Price EUR
------	----------	-----------

Form 0°, 90°	72150-1AG	
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Form 0°, 45°	72150-2AG	
--------------	-----------	--

SF 0°, 90°, 270°	72150-3AG	
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Spring Assembly

All shapes	71001-A	
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Punch Guide

Form	Art.-No.
------	----------

Form 0°, 90°	72106-1AG
--------------	-----------

Form 0°, 45°	72106-2AG
--------------	-----------

SF 0°, 90°, 270°	72106-3AG
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Punch Body

Form	72105-1A	
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Die

Form	72110	
------	-------	--

Surcharge for reinforced version x EUR.

Coating	DT+ / HT / VT
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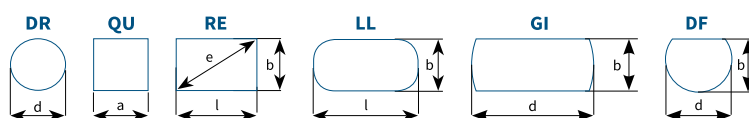
Shear type	DOWT
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Shear type	2PT
------------	-----

Shear type	4PT
------------	-----

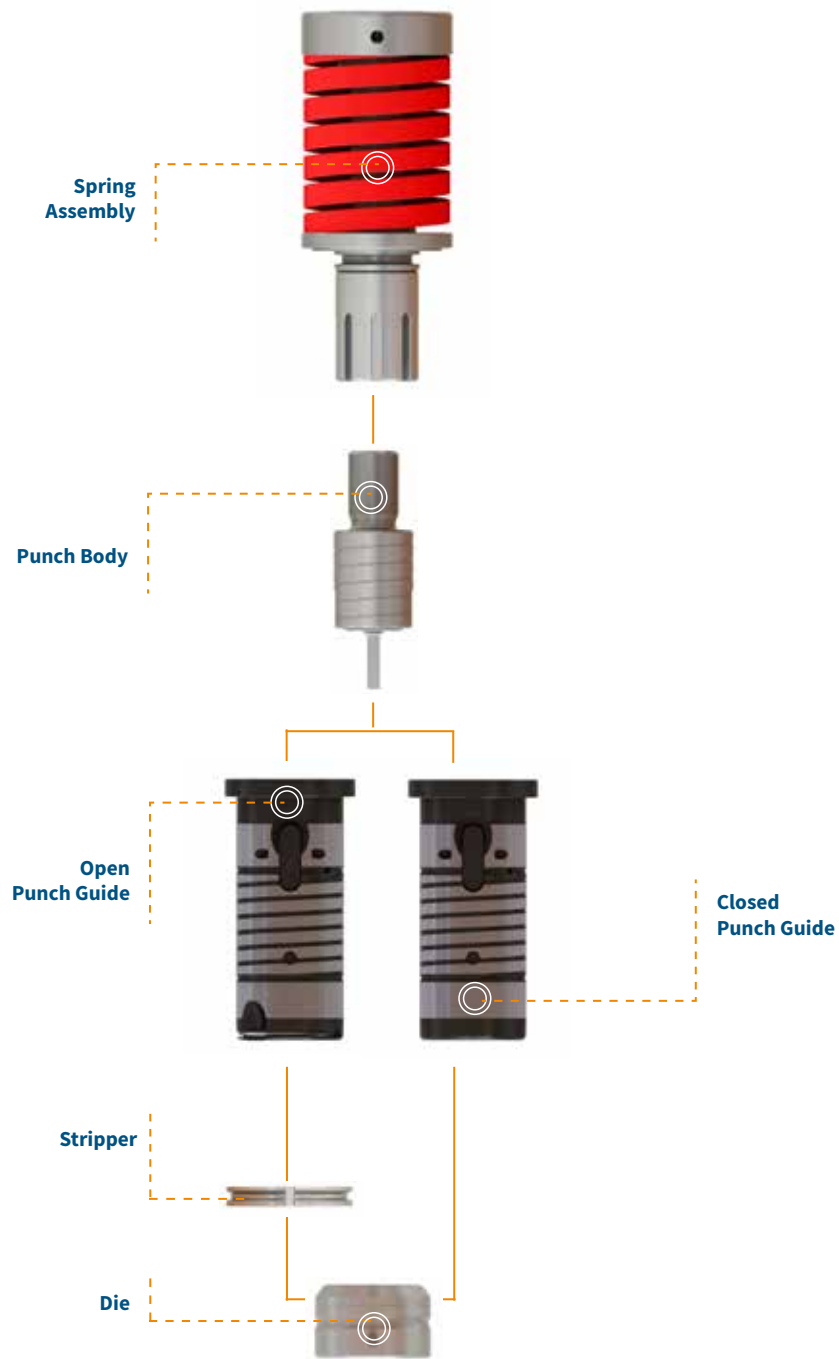
Resharpener zone	12 mm
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A description of coatings and shear types can be found on page 21.



Standard Shapes

Overview ALLround 2005 | B Station



ALLround 2005 | B Station

Diameter up to 31,70 mm

Open Punch Guide

Punch Assembly	Art.-No.	Price EUR
Round	72050-AK	
Form	72250-AK	

Guide Assembly

Round	72000-A
Form	72200-A

Spring Assembly

All shapes	72001-A
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Punch Guide

Round	72006-A
Form	72206-A

Punch Body

Round	72005-A
Form	72205-A

Stripper

	Art.-No.	Price EUR
Round	72015	
Form	72215	

Die

Round	72010
Form	72210

Surcharge for reinforced version x EUR.

Coating	DT+ / HT / VT
Shear type	DOWT
Shear type	2PT
Shear type	4PT
Resharpeneing zone	12 mm

A description of coatings and shear types can be found on page 21.

Closed Punch Guide

Punch Assembly	Art.-No.	Price EUR
Round	72050-AG	
Form 0°, 90°	72250-1AG	
Form 0°, 45°	72250-2AG	
SF 0°, 90°, 180°, 270°		on request

Spring Assembly

All shapes	72001-A
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Punch Guide

Round	72006-AG
Form 0°, 90°	72206-1AG
Form 0°, 45°	72206-2AG
SF 0°, 90°, 180°, 270°	on request

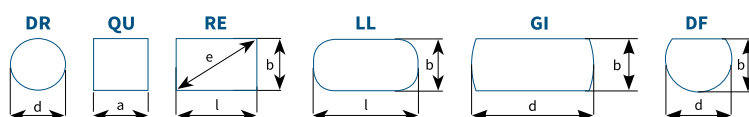
Punch Body

Round	72005-A
Form	72205-A

Die

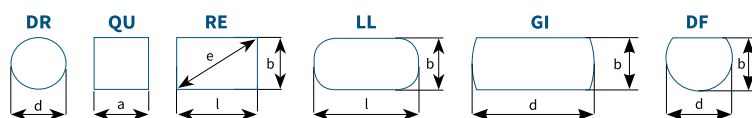
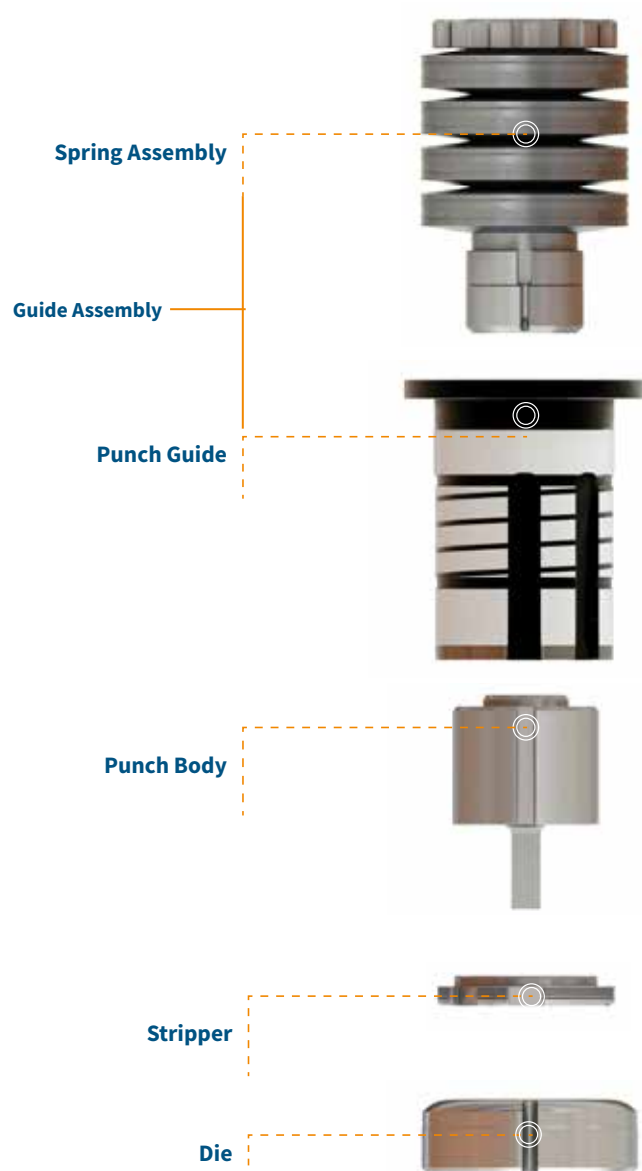
Round	72010
Form	72210

Surcharge for reinforced version x EUR.



Standard Shapes

Overview ALLround 2005 C, D, E Station



Standard Shapes

ALLround 2005 | C Station

Diameter up to 48,00 mm

Open Punch Guide

Guide Assembly	Art.-No.	Price EUR
All shapes	72300-A	

Stempelaufnahme

Punch insert max. 6 mm	72309-A
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Punch Body

Round	73005-A
Form	72305-AK
Punch insert max. 6 mm	72305-1A

Stripper

Round	73015
Form	72315

Die

Round	73010
Form	72310

Coating	DT+ / HT / VT
Shear type	DOWT
Shear type	2PT
Shear type	4PT
Resharpener zone	12 mm

A description of coatings and shear types can be found on page 21.

ALLround 2005 | D Station

Diameter up to 89,00 mm

Open Punch Guide

Guide Assembly	Art.-No.	Price EUR
All shapes	72400-A	

Stempelaufnahme

Punch insert max. 6 mm	72409-A
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Punch Body

Round	74005-A
Form	72405-A
Punch insert max. 6 mm	72405-1A

Stripper

Round	74015
Form	72415

Die

Round	74010
Form	72410

Coating	DT+ / HT / VT
Shear type	DOWT
Shear type	2PT
Shear type	4PT
Resharpeneing zone	12 mm

A description of coatings and shear types can be found on page 21.

ALLround 2005 | E Station

Diameter up to 114,00 mm

Open Punch Guide

Guide Assembly	Art.-No.	Price EUR
All shapes	72500-A	

Stempelaufnahme

Punch insert max. 6 mm	72509-A
------------------------	---------

Punch Body

Round	75005-A
Form	72505-A
Punch insert max. 6 mm	72505-1A

Stripper

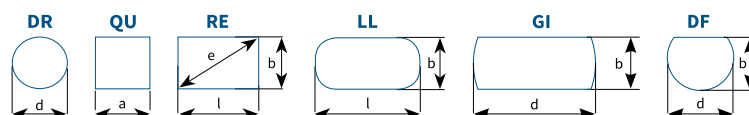
Round	75015
Form	72515

Die

Round	75010
Form	72510

Coating	DT+ / HT / VT
Shear type	DOWT
Shear type	2PT
Shear type	4PT
Resharpeneing zone	12 mm

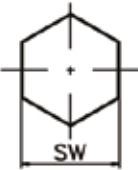
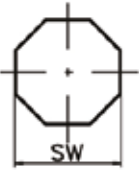
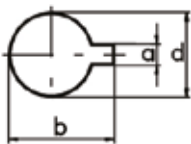
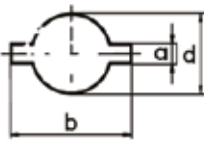
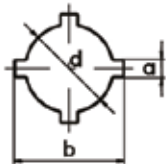
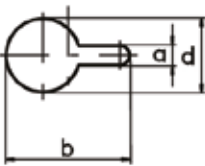
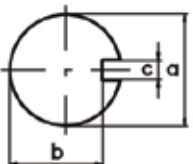
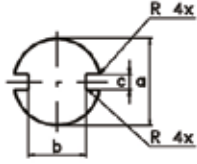
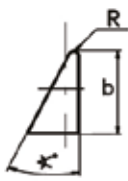
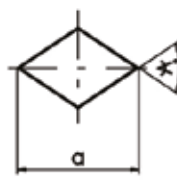
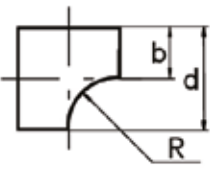
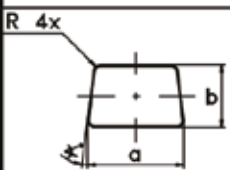
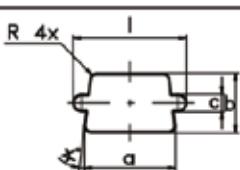
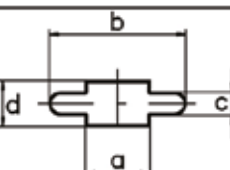
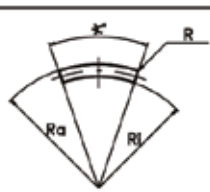
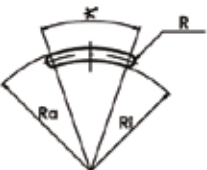
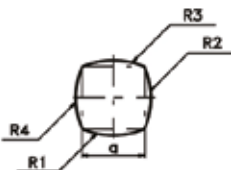
A description of coatings and shear types can be found on page 21.



Standard Shapes

Special shapes

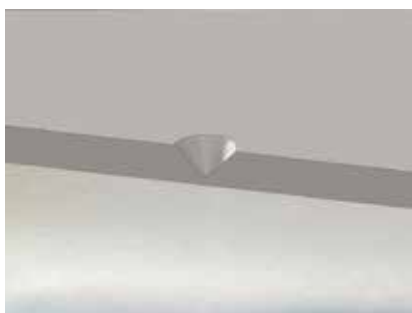
Price on request

SF 10	SF 11	SF 12	SF13
			
SF 14	SF 15	SF 16	SF 17
			
SF 18	SF 19	SF 20	SF 21
			
SF 22	SF 23	SF 24	SF 25
			
SF 26	SF 27	SF 28	SF 29
			

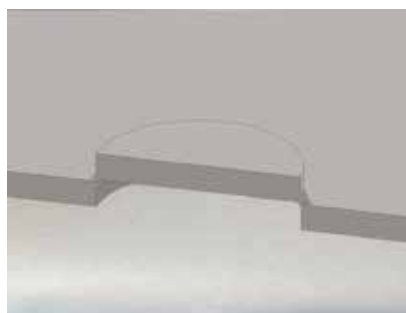
Special tools

Price on request

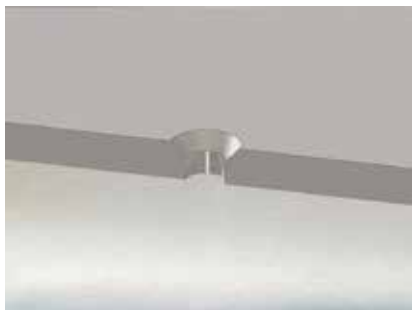
CENTER PUNCH TOOL



KNOCK OUT TOOL



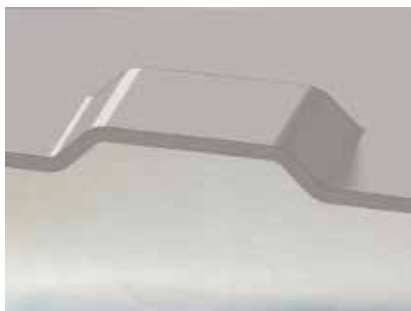
COUNTERSINK TOOL



THREAD PUNCH TOOL



BRIDGE TOOL



EXTRUSION TOOL



Special tools

Price on request

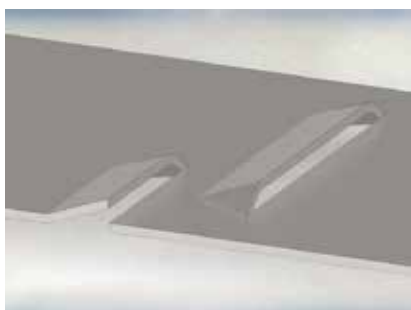
STEPPING TOOL



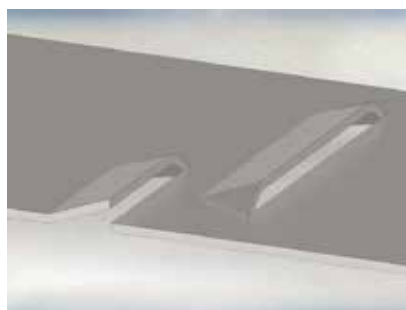
FLANGING TOOL



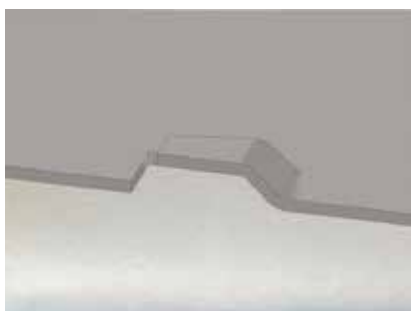
CONTINUOUS STEPPING TOOL



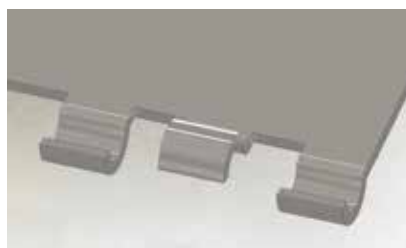
LOUVER TOOL



BRACKET TOOL



HINGE TOOL FOR MULTIPLE HINGES



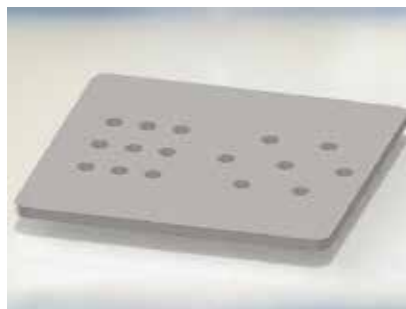
Special tools

Price on request

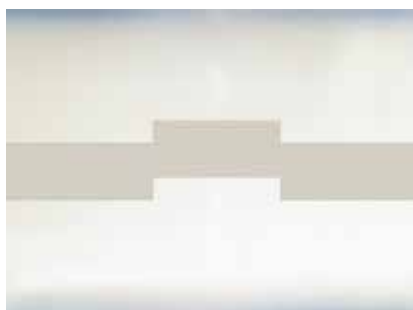
BEADING TOOL



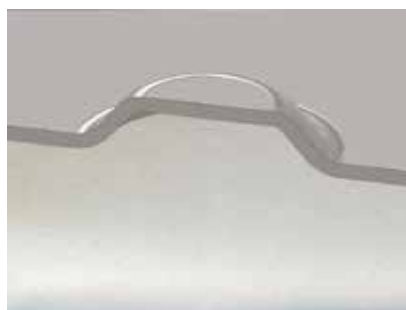
CLUSTER TOOL



MARKING TOOL SYMBOL



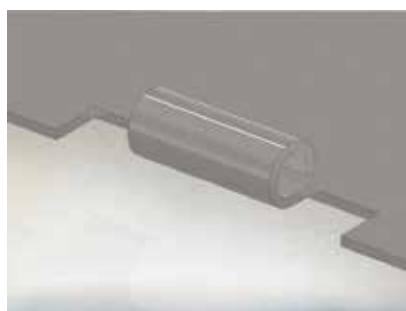
CUP TOOL



EMBOSSING TOOL



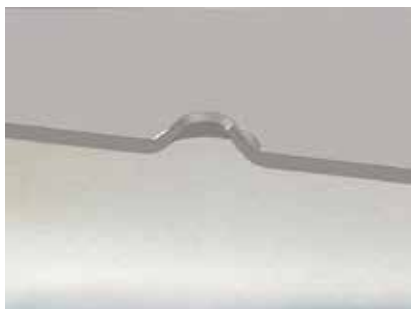
HINGE TOOL



Special tools

Price on request

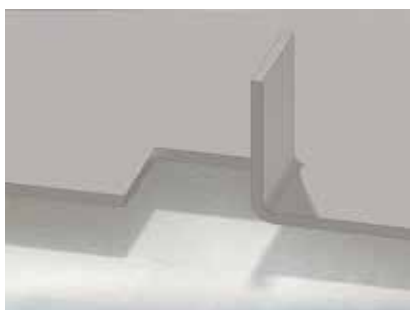
COUNTERSINK FORMING TOOL



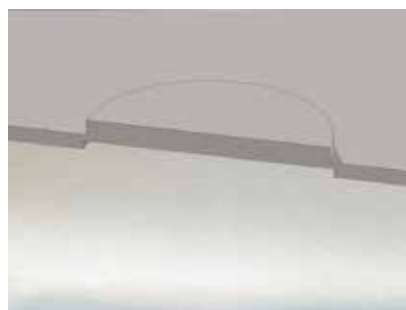
WELD BOSS TOOL



MULTI BEND TOOL



CENTER BOSS TOOL



WE ALSO DEVELOPING SPECIAL TOOLS IN ACCORDANCE TO YOUR SPECIFICATION.

For this case please contact our technical sales or send your inquiry with all details (Step/DXF) to sales@dietz-systeme.de

Accessories

Adapter Top part		
Description	Art.-No.	Price EUR
B - A - Top part	706 90	
C - A - Top part	707 92	
C - B - Top part	707 90	
D - B - Top part	708 92	
D - C - Top part	708 94	
E - A - Top part	709 90	
E - B - Top part	709 92	
E - C - Top part	709 94	

Adapter Bottom		
Description	Art.-No.	Price EUR
B - A - Bottom	706 91	
C - A - Bottom	707 93	
C - B - Bottom	707 91	
D - B - Bottom	708 93	
D - C - Bottom	708 95	
E - A - Bottom	709 91	
E - B - Bottom	709 93	
E - C - Bottom	709 95	



Adapter for optimizing your Thick Turret machine.

Accessories

Die shims			
Station	Thickness	Art.-No.	Price EUR
A	0,2	710 30 0.2	
	0,5	710 30 0.5	
	1,0	710 30 1.0	
B	0,2	720 30 0.2	
	0,5	720 30 0.5	
	1,0	720 30 1.0	
C	0,2	730 30 0.2	
	0,5	730 30 0.5	
	1,0	730 30 1.0	
D	0,2	740 30 0.2	
	0,5	740 30 0.5	
	1,0	740 30 1.0	
E	0,2	750 30 0.2	
	0,5	750 30 0.5	
	1,0	750 30 1.0	



Punch lubricant DIETZ Cut Plus-oil for increasing the service life.

Punch lubricant: DIETZ Cut Plus-oil		
Quantity in Liter	Price EUR / Liter	Price EUR / ontainer
1		
3		
5		
10		
25		

Accessories

CLEAR



EFFECTIVE



SPACE-SAVING



ROBUST



TOOL CABINET System Thick Turret

Store your punching tools in the functional inserting system which is well organized!

TAKE A LOOK AT THE TOOL CABINET

- 4 A-stations and 102 dies station A
- 22 B-stations and 66 dies station B
- 12 dies station C, 6 punches station C, 6 strippers station C
- 10 dies station D, 5 punches station D, 5 strippers station D
- 8 dies station E, 4 punches station E, 4 strippers station E
- Additional shelves for D and E stations



Your advantage

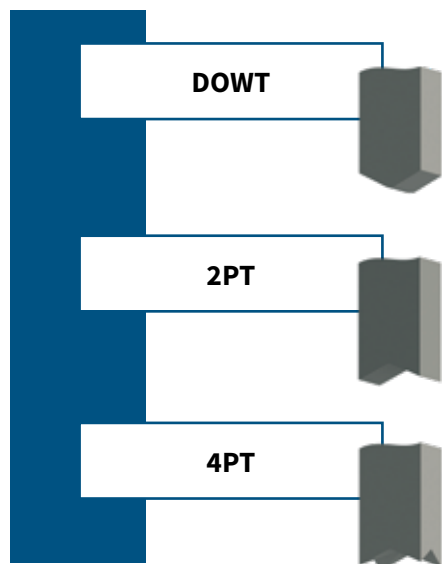
- Check out our clever organization system as well as our high quality!
- 217 cm high, 97,5 cm wide and a depth of 35 cm

Tool cabinet for Thick Turret tools

D20100E | xx,xx €*

*without content, plus transport costs

SHEARTYPES



Advantages

- Easy regrinding
- No radial forces
- Shear force reduce by up to 35%
- No radial forces
- Optimum punching cut
- Suitable for trimming
- No radial forces
- Optimum punching cut
- Suitable for trimming

Disadvantages

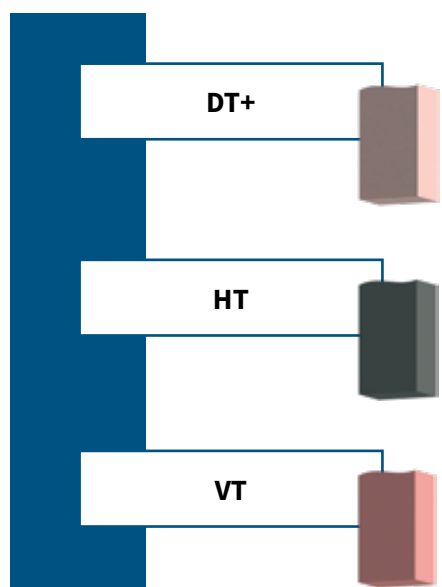
- Not suitable for trimming
- Only viable for large thin contours
- Difficult to regrind
- Only viable for large contours
- Difficult to regrind



The most important benefits are

- Punch Load Reduction
- Noise Reduction

COATINGS



Application

- Mixed handling
- High-alloyed chrome/nickel
- Thick steel panels
- Stainless steel ■ Cold forming
- Cutting of high-strength iron sheet
- Cold forming process with high surface pressure
- Aluminium
- Punching/Cutting
- Fine blanking
- Cold forming process
- Mixed handling
- High-strength and low-strength steels
- Galvanized iron sheet

Colour

reddish grey

black

antique pink

Characteristics

- Reduced adhesive and abrasive wear
- Reduced adhesion
- Combination of high degree of hardness and extremely low friction coefficient
- Low friction
- High oxidation resistance



The most important benefits are

- Increase of punch load (reduced regrinding intervals)
- Reduced material build-up
- Increase tool replacement circle

Inquiry and order formular for standard punch tooling



Dietz Systeme GmbH, Reichsdorfer Str. 2, D - 94234 Viechtach

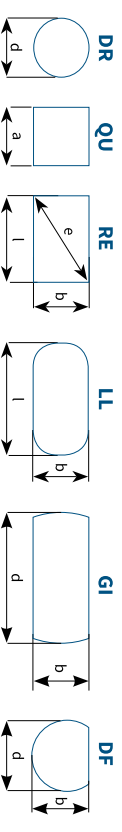
Company/address

Contact information in case of questions

Phone

Type of machine

Standard Shapes



Customer ID

☐ Inquiry ☐ Order

Inquiry or order number

Please indicate your offer number

Requested date of delivery

☐ DR ☐ LL ☐ GI ☐ SF _____

☐ RE ☐ QU ☐ DF

Email address for order confirmation

[illegible]

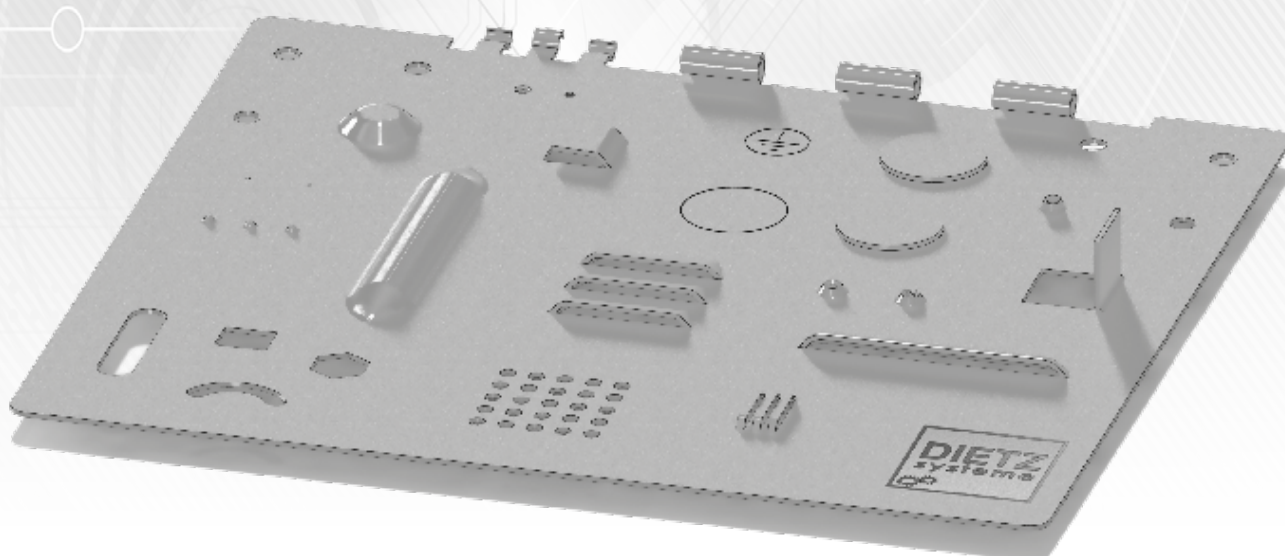
Questions? Contact us at any time: +49 9942 9489 - 0 or sales@dietz-systeme.de

Thank you for your interest!

Date

Signature

ALLround 2005



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sales@dietz-systeme.de**

Sales terms and delivery conditions can be found on our homepage: