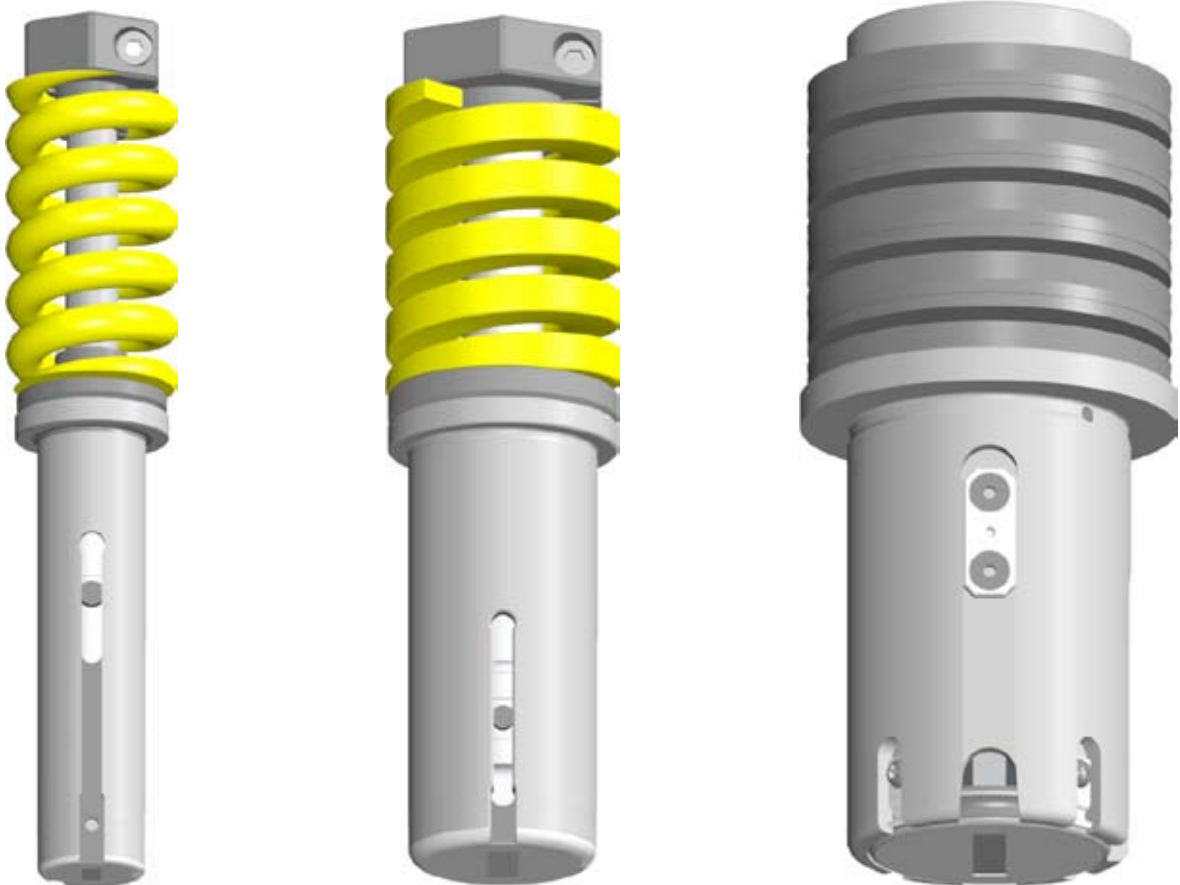


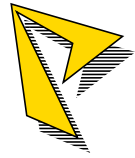
# Product Catalog 01/09-A

## Tooling System

# THICK TURRET

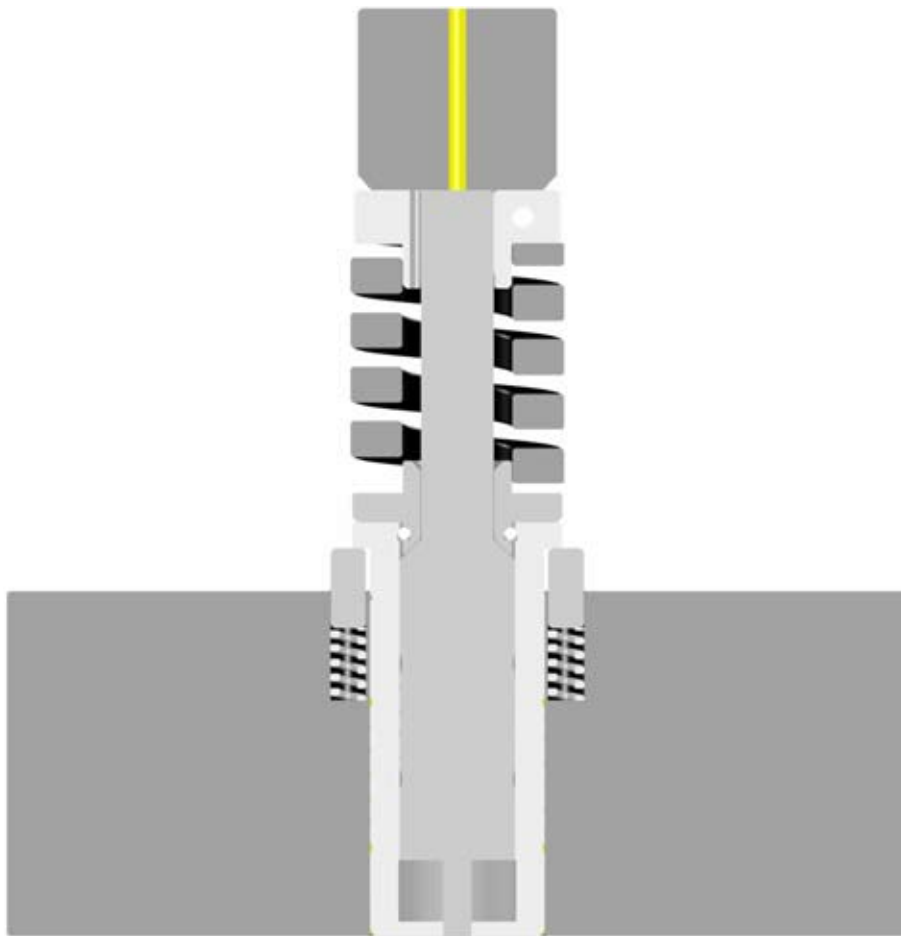
for machines without lubrication

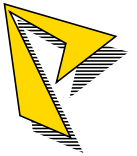




# Pricelist 01/09-A

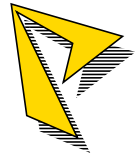
valid from 01.08.09





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# PASS Standard / Station A

Diameter up to 12,7 mm



## Head unit

Hexagon head screw  
for simply assembling of  
the punch assembly

Spring  
for sheet thickness up to 6 mm

2 mm length adjustment  
by turning of the distance ring



## Head unit

Canister  
for sheet thickness up to 4 mm

Continuously and easy  
length adjustment  
in assembled status



## Punch body

Metric-thread M12 x 1,25

Punch body made with premium HSS  
(higher hit counts)

Alignment pin  
for exact adjustment  
(excludes round)



## Punch guide

Surface-hardened and polished punch  
guide for sheet thickness up to 6 mm

### Keyway:

Round: 0°

Square: 0-45°

rect./oblong: 0-90-225°

asym. shapes: 0-90-180-270°

Tool shape integrated in guide



## Punch guide

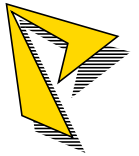
Surface-hardened and polished punch  
guide for sheet thickness up to 6 mm

### Keyway:

all shapes: 0-90°

## Stripper

Interchangeable stripper plate



# PASS Standard / Station A

Diameter up to 12,7 mm

	Part-no.	Price in €
<b>Complete Punch Assembly</b>		
Round	4012A01	
Square	4012A02	
Rectangle	4012A03	
Oblong	4012A04	
*O.D. Ground Special Shapes	4012A0G	
* EDM required Special Shapes	4012A0E	
<b>Head unit (head screw, spring, distance ring)</b>		
for all shapes	4092A01	
<b>Punch body</b>		
Round	4022A01	
Square	4022A02	
Rectangle	4022A03	
Oblong	4022A04	
*O.D. Ground Special Shapes	4022A0G	
* EDM required Special Shapes	4022A0E	
<b>Punch guide</b>		
Round	4032A01	
Square	4032A02	
Rectangle	4032A03	
Oblong	4032A04	
*O.D. Ground Special Shapes	4032A0G	
* EDM required Special Shapes	4032A0E	
<b>Die</b>		
Round	4052A01	
Square	4052A02	
Rectangle	4052A03	
Oblong	4052A04	
*O.D. Ground Special Shapes	4052A0G	
* EDM required Special Shapes	4052A0E	



<b>Spare parts:</b>		
Head screw	4092A31	
Spring	4092A11	
Distance ring	4092A21	
O-Ring (in punch guide)	4092A51	
PU-ejector Ø 3x6 (in punch)	4092P03	
PU-ejector Ø 6x10 (in punch)	4092P06	

<b>Additional costs for punch:</b>	
TICN coating	
T-MAX coating	
WT-shear	
DOWT-shear	
2 PT-shear	
4 PT-shear	

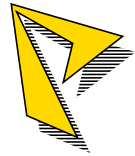
<b>Compensating shims for punch:</b>		
piece (2 mm )	499A4S2	

<b>Additional costs for punch guide:</b>	
additional keyway	

<b>Compensating shims for die:</b>		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1	

<b>Additional costs for die:</b>	
reinforced die	

\* see page 22-23



# PASS Alpha / Station A

Diameter up to 12,7 mm



## Head unit

Hexagon head screw  
for simply assembling of  
the punch assembly

Spring  
for sheet thickness up to 6 mm

2 mm length adjustment  
by turning of the distance ring



## Head unit

Canister  
for sheet thickness up to 4 mm

Continuously and easy  
length adjustment  
in assembled status



## Punch body

Metric-thread M12 x 1,25

Punch body made with premium HSS  
(higher hit counts)

Alignment pin  
for exact adjustment  
(excludes round)



## Punch guide

Surface-hardened and polished punch  
guide for sheet thickness up to 6 mm

Keyway:  
Round: 0°  
Square: 0-45°  
rect./oblong: 0-90-225°  
asym. shapes: 0-90-180-270°

Tool shape integrated in guide



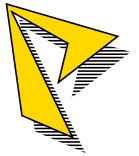
## Punch guide

Surface-hardened and polished punch  
guide for sheet thickness up to 6 mm

Keyway:  
all shapes: 0-90°

## Stripper

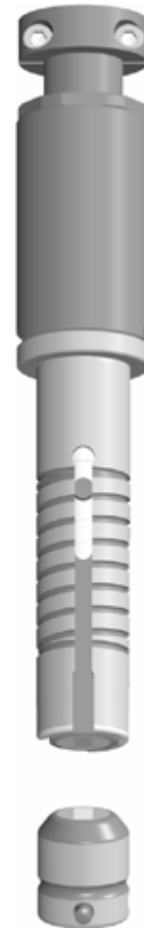
Interchangeable stripper plate



# PASS Alpha / Station A

Diameter up to 12,7 mm

	Part-no.	Price in €
<b>Complete Punch Assembly</b>		
Round	4013A01	
Square	4013A02	
Rectangle	4013A03	
Oblong	4013A04	
*O.D. Ground Special Shapes	4013A0G	
* EDM required Special Shapes	4013A0E	
<b>Head unit</b>		
for all shapes	4093A01	
<b>Punch body</b>		
Round	4023A01	
Square	4023A02	
Rectangle	4023A03	
Oblong	4023A04	
*O.D. Ground Special Shapes	4023A0G	
* EDM required Special Shapes	4023A0E	
<b>Punch guide</b>		
for all shapes	4033A05	
<b>Stripper</b>		
Round	4043A01	
Square	4043A02	
Rectangle	4043A03	
Oblong	4043A04	
*O.D. Ground Special Shapes	4043A0G	
* EDM required Special Shapes	4043A0E	
<b>Die</b>		
Round	4052A01	
Square	4052A02	
Rectangle	4052A03	
Oblong	4052A04	
*O.D. Ground Special Shapes	4052A0G	
* EDM required Special Shapes	4052A0E	



<b>Spare parts:</b>		
O-Ring (in punch guide)	4092A51	
PU-ejector Ø 3x6 (in punch)	4092P03	
PU-ejector Ø 6x10 (in punch)	4092P06	

<b>Additional costs for punch:</b>	
TICN coating	
T-MAX coating	
WT-shear	
DOWT-shear	
2 PT-shear	
4 PT-shear	

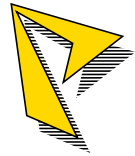
<b>Compensating shims for punch:</b>	
	not necessary

<b>Additional costs for punch guide:</b>	
	additional keyway

<b>Compensating shims for die:</b>	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1

<b>Additional costs for die:</b>	
	reinforced die

\* see page 22-23



# PASS Alpha-Compact / Station A

Diameter up to 12,7 mm



## Head unit

Hexagon head screw  
for simply assembling of  
the punch assembly

Spring  
for sheet thickness up to 6 mm

2 mm length adjustment  
by turning of the distance ring



## Head unit

Canister  
for sheet thickness up to 4 mm

Continuously and easy  
length adjustment  
in assembled status



## Punch body

Metric-thread M12 x 1,25

Punch body made with premium HSS  
(higher hit counts)

Alignment pin  
for exact adjustment  
(excludes round)



## Punch guide

Surface-hardened and polished punch  
guide for sheet thickness up to 6 mm

Keyway:  
Round: 0°  
Square: 0-45°  
rect./oblong: 0-90-225°  
asym. shapes: 0-90-180-270°

Tool shape integrated in guide



## Punch guide

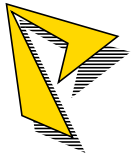
Surface-hardened and polished punch  
guide for sheet thickness up to 6 mm

Keyway:  
all shapes: 0-90°

## Stripper

Interchangeable stripper plate

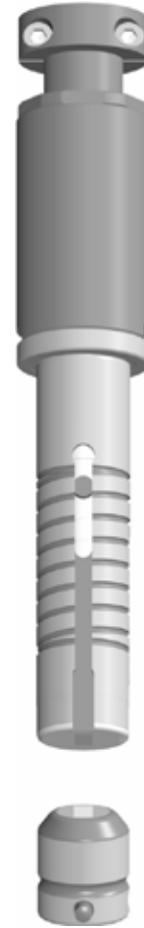




# PASS Alpha-Compact / Station A

Diameter up to 12,7 mm

	Part-no.	Price in €
<b>Complete Punch Assembly</b>		
Round	4017A01	
Square	4017A02	
Rectangle	4017A03	
Oblong	4017A04	
*O.D. Ground Special Shapes	4017A0G	
* EDM required Special Shapes	4017A0E	
<b>Head unit</b>		
for all shapes	4093A01	
<b>Punch body</b>		
Round	4023A01	
Square	4023A02	
Rectangle	4023A03	
Oblong	4023A04	
*O.D. Ground Special Shapes	4023A0G	
* EDM required Special Shapes	4023A0E	
<b>Punch guide</b>		
Round	4032A01	
Square	4032A02	
Rectangle	4032A03	
Oblong	4032A04	
*O.D. Ground Special Shapes	4032A0G	
* EDM required Special Shapes	4032A0E	
<b>Die</b>		
Round	4052A01	
Square	4052A02	
Rectangle	4052A03	
Oblong	4052A04	
*O.D. Ground Special Shapes	4052A0G	
* EDM required Special Shapes	4052A0E	



<b>Spare parts:</b>		
O-Ring (in punch guide)	4092A51	
PU-ejector Ø 3x6 (in punch)	4092P03	
PU-ejector Ø 6x10 (in punch)	4092P06	

<b>Additional costs for punch:</b>	
TICN coating	
T-MAX coating	
WT-shear	
DOWT-shear	
2 PT-shear	
4 PT-shear	

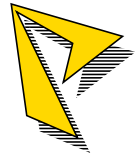
<b>Compensating shims for punch:</b>	
	not necessary

<b>Additional costs for punch guide:</b>	
	additional keyway

<b>Compensating shims for die:</b>	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1

<b>Additional costs for die:</b>	
	reinforced die

\* see page 22-23



# **PASS Standard / Station B**

Diameter up to 31,7 mm



## **Head unit**

Hexagon head screw  
for simply assembling of  
the punch assembly

Spring  
for sheet thickness up to 6 mm

2 mm length adjustment  
by turning of the distance ring



## **Head unit**

Canister  
for sheet thickness up to 4 mm

Continuously and easy  
length adjustment  
in assembled status



## **Punch body**

Metric-thread M20 x 1,5

Punch body made with premium HSS  
(higher hit counts)

Alignment pin  
for exact adjustment  
(excludes round)



## **Punch guide**

Surface-hardened and polished punch  
guide for sheet thickness up to 6 mm

### **Keyway:**

Round: 0°

Square: 0-45°

rect./oblong: 0-45-90-135°

asym. shapes: 0-90-180-270°

Tool shape integrated in guide



## **Punch guide**

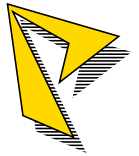
Surface-hardened and polished punch  
guide for sheet thickness up to 6 mm

### **Keyway:**

all shapes: 0-45-90-180-270°

## **Stripper**

Interchangeable stripper plate



# PASS Standard / Station B

Diameter up to 31,7 mm

	Part-no.	Price in €
<b>Complete Punch Assembly</b>		
Round	4012B01	
Square	4012B02	
Rectangle	4012B03	
Oblong	4012B04	
*O.D. Ground Special Shapes	4012B0G	
* EDM required Special Shapes	4012B0E	
<b>Head unit (head screw, spring, distance ring)</b>		
for all shapes	4092B01	
<b>Punch body</b>		
Round	4022B01	
Square	4022B02	
Rectangle	4022B03	
Oblong	4022B04	
*O.D. Ground Special Shapes	4022B0G	
* EDM required Special Shapes	4022B0E	
<b>Punch guide</b>		
Round	4032B01	
Square	4032B02	
Rectangle	4032B03	
Oblong	4032B04	
*O.D. Ground Special Shapes	4032B0G	
* EDM required Special Shapes	4032B0E	
<b>Die</b>		
Round	4052B01	
Square	4052B02	
Rectangle	4052B03	
Oblong	4052B04	
*O.D. Ground Special Shapes	4052B0G	
* EDM required Special Shapes	4052B0E	



<b>Spare parts:</b>		
Head screw	4092B31	
Spring	4092B11	
Distance ring	4092B21	
O-Ring (in Punch guide)	4092B51	
PU-ejector Ø 3x6 (in punch)	4092P03	
PU-ejector Ø 6x10 (in punch)	4092P06	

<b>Additional costs for punch:</b>	
TICN coating	
T-MAX coating	
WT-shear	
DOWT-shear	
2 PT-shear	
4 PT-shear	

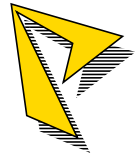
<b>Compensating shims for punch:</b>	
piece (2 mm )	499B4S2

<b>Additional costs for punch guide:</b>	
additional keyway	

<b>Compensating shims for die:</b>	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1

<b>Additional costs for die:</b>	
reinforced die	

\* see page 22-23



# **PASS Alpha / Station B**

Diameter up to 31,7 mm



## **Head unit**

Hexagon head screw  
for simply assembling of  
the punch assembly

Spring  
for sheet thickness up to 6 mm

2 mm length adjustment  
by turning of the distance ring



## **Head unit**

Canister  
for sheet thickness up to 4 mm

Continuously and easy  
length adjustment  
in assembled status



## **Punch body**

Metric-thread M20 x 1,5

Punch body made with premium HSS  
(higher hit counts)

Alignment pin  
for exact adjustment  
(excludes round)



## **Punch guide**

Surface-hardened and polished punch  
guide for sheet thickness up to 6 mm

### Keyway:

Round: 0°

Square: 0-45°

rect./oblong: 0-45-90-135°

asym. shapes: 0-90-180-270°

Tool shape integrated in guide



## **Punch guide**

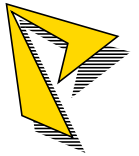
Surface-hardened and polished punch  
guide for sheet thickness up to 6 mm

### Keyway:

all shapes: 0-45-90-180-270°

## **Stripper**

Interchangeable stripper plate



# PASS Alpha / Station B

Diameter up to 31,7 mm

	Part-no.	Price in €
<b>Complete Punch Assembly</b>		
Round	4013B01	
Square	4013B02	
Rectangle	4013B03	
Oblong	4013B04	
*O.D. Ground Special Shapes	4013B0G	
* EDM required Special Shapes	4013B0E	
<b>Head unit</b>		
for all shapes	4093B01	
<b>Punch body</b>		
Round	4023B01	
Square	4023B02	
Rectangle	4023B03	
Oblong	4023B04	
*O.D. Ground Special Shapes	4023B0G	
* EDM required Special Shapes	4023B0E	
<b>Punch guide</b>		
for all shapes	4033B05	
<b>Stripper</b>		
Round	4043B01	
Square	4043B02	
Rectangle	4043B03	
Oblong	4043B04	
*O.D. Ground Special Shapes	4043B0G	
* EDM required Special Shapes	4043B0E	
<b>Die</b>		
Round	4052B01	
Square	4052B02	
Rectangle	4052B03	
Oblong	4052B04	
*O.D. Ground Special Shapes	4052B0G	
* EDM required Special Shapes	4052B0E	



<b>Spare parts:</b>		
O-Ring (in punch guide)	4092B51	
PU-ejector Ø 3x6 (in punch)	4092P03	
PU-ejector Ø 6x10 (in punch)	4092P06	

<b>Additional costs for punch:</b>	
TICN coating	
T-MAX coating	
WT-shear	
DOWT-shear	
2 PT-shear	
4 PT-shear	

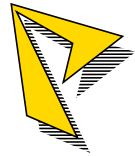
<b>Compensating shims for punch:</b>	
	not necessary

<b>Additional costs for punch guide:</b>	
	additional keyway

<b>Compensating shims for die:</b>	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1

<b>Additional costs for die:</b>	
	reinforced die

\* see page 22-23



# **PASS Alpha-Compact / Station B**

Diameter up to 31,7 mm



## **Head unit**

Hexagon head screw  
for simply assembling of  
the punch assembly



Spring  
for sheet thickness up to 6 mm



2 mm length adjustment  
by turning of the distance ring



## **Head unit**

Canister  
for sheet thickness up to 4 mm

Continuously and easy  
length adjustment  
in assembled status



## **Punch body**

Metric-thread M20 x 1,5

Punch body made with premium HSS  
(higher hit counts)

Alignment pin  
for exact adjustment  
(excludes round)



## **Punch guide**

Surface-hardened and polished punch  
guide for sheet thickness up to 6 mm

### **Keyway:**

Round: 0°

Square: 0-45°

rect./oblong: 0-45-90-135°

asym. shapes: 0-90-180-270°

Tool shape integrated in guide



## **Punch guide**

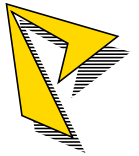
Surface-hardened and polished punch  
guide for sheet thickness up to 6 mm

### **Keyway:**

all shapes: 0-45-90-180-270°

## **Stripper**

Interchangeable stripper plate



# PASS Alpha-Compact / Station B

Diameter up to 31,7 mm

	Part-no.	Price in €
<b>Complete Punch Assembly</b>		
Round	4017B01	
Square	4017B02	
Rectangle	4017B03	
Oblong	4017B04	
*O.D. Ground Special Shapes	4017B0G	
* EDM required Special Shapes	4017B0E	
<b>Head unit</b>		
for all shapes	4093B01	
<b>Punch body</b>		
Round	4023B01	
Square	4023B02	
Rectangle	4023B03	
Oblong	4023B04	
*O.D. Ground Special Shapes	4023B0G	
* EDM required Special Shapes	4023B0E	
<b>Punch guide</b>		
Round	4032B01	
Square	4032B02	
Rectangle	4032B03	
Oblong	4032B04	
*O.D. Ground Special Shapes	4032B0G	
* EDM required Special Shapes	4032B0E	
<b>Die</b>		
Round	4052B01	
Square	4052B02	
Rectangle	4052B03	
Oblong	4052B04	
*O.D. Ground Special Shapes	4052B0G	
* EDM required Special Shapes	4052B0E	



<b>Spare parts:</b>		
O-Ring (in punch guide)	4092B51	
PU-ejector Ø 3x6 (in punch)	4092P03	
PU-ejector Ø 6x10 (in punch)	4092P06	

<b>Additional costs for punch:</b>	
TICN coating	
T-MAX coating	
WT-shear	
DOWT-shear	
2 PT-shear	
4 PT-shear	

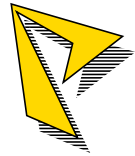
<b>Compensating shims for punch:</b>	
	not necessary

<b>Additional costs for punch guide:</b>	
	additional keyway

<b>Compensating shims for die:</b>	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1

<b>Additional costs for die:</b>	
	reinforced die

\* see page 22-23



# **PASS Standard / Station C**

Diameter up to 50,8 mm



## **Guide Assembly**

Screw M12

Springs for sheet thickness up to 6 mm

3 mm length adjustment  
by using compensating shims

Keyway: 0-90°

Surface-hardened and polished punch guide  
for sheet thickness up to 6 mm

Clamping-screws to fix the strippers



## **Punch body**

Thread M12

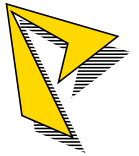
Punch body made with premium HSS  
(higher hit counts)



## **Stripper**

Interchangeable stripper plate





# PASS Standard / Station C

Diameter up to 50,8 mm

	Part-no.	Price in €
<b>Guide Assembly</b>		
for all shapes	499C01	

<b>Punch body</b>		
Round	4022C01	
Square	4022C02	
Rectangle	4022C03	
Oblong	4022C04	
*O.D. Ground Special Shapes	4022C0G	
* EDM required Special Shapes	4022C0E	

<b>Stripper</b>		
Round	4032C01	
Square	4032C02	
Rectangle	4032C03	
Oblong	4032C04	
*O.D. Ground Special Shapes	4032C0G	
* EDM required Special Shapes	4032C0E	

<b>Die</b>		
Round	4052C01	
Square	4052C02	
Rectangle	4052C03	
Oblong	4052C04	
*O.D. Ground Special Shapes	4052C0G	
* EDM required Special Shapes	4052C0E	

<b>Spare parts:</b>		
PU-ejector Ø 3x6 (in punch)	4092P03	
PU-ejector Ø 6x10 (in punch)	4092P06	
Set clamping-springs with screws	499C71	
Guiding key with screws	499C63	

<b>Compensating shims for punch:</b>		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499C1S1	

<b>Compensating shims for die:</b>		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499C2M1	

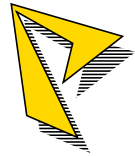


<b>Additional costs for punch:</b>	
TICN coating	
T-MAX coating	
WT-shear	
DOWT-shear	
2 PT-shear	
4 PT-shear	

additional keyway

<b>Additional costs for punch guide:</b>	
additional keyway	

\* see page 22-23



# **PASS Standard / Station D**

Diameter up to 88,9 mm



## **Guide Assembly**

Screw M12

Springs for sheet thickness up to 6 mm

3 mm length adjustment  
by using compensating shims

Keyway: 0-90°

Surface-hardened and polished punch guide  
for sheet thickness up to 6 mm

Clamping-screws to fix the strippers

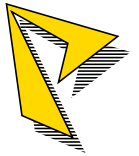
## **Punch body**

Thread M12

Punch body made with premium HSS  
(higher hit counts)

## **Stripper**

Interchangeable stripper plate



# PASS Standard / Station D

Diameter up to 88,9 mm

	Part-no.	Price in €
<b>Guide Assembly</b>		

for all shapes	499D01	
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<b>Punch body</b>		
Round	4022D01	
Square	4022D02	
Rectangle	4022D03	
Oblong	4022D04	
*O.D. Ground Special Shapes	4022D0G	
* EDM required Special Shapes	4022D0E	

<b>Stripper</b>		
Round	4032D01	
Square	4032D02	
Rectangle	4032D03	
Oblong	4032D04	
*O.D. Ground Special Shapes	4032D0G	
* EDM required Special Shapes	4032D0E	

<b>Die</b>		
Round	4052D01	
Square	4052D02	
Rectangle	4052D03	
Oblong	4052D04	
*O.D. Ground Special Shapes	4052D0G	
* EDM required Special Shapes	4052D0E	

<b>Spare parts:</b>		
PU-ejector Ø 3x6 (in punch)	4092P03	
PU-ejector Ø 6x10 (in punch)	4092P06	
Set clamping-springs with screws	499D71	
Guiding key with screws	499D63	

<b>Compensating shims for punch:</b>		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499D3S1	

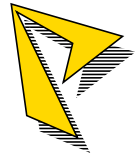
<b>Compensating shims for die:</b>		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499D2M1	



<b>Additional costs for punch:</b>	
TICN coating	
T-MAX coating	
WT-shear	
DOWT-shear	
2 PT-shear	
4 PT-shear	
additional keyway	

<b>Additional costs for punch guide:</b>	
additional keyway	

\* see page 22-23



# **PASS Standard / Station E**

Diameter up to 114,3 mm



## **Guide Assembly**

Screw M12

Springs for sheet thickness up to 6 mm

3 mm length adjustment  
by using compensating shims

Keyway: 0-90°

Surface-hardened and polished punch guide  
for sheet thickness up to 6 mm

Clamping-screws to fix the strippers

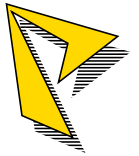
## **Punch body**

Thread M12

Punch body made with premium HSS  
(higher hit counts)

## **Stripper**

Interchangeable stripper plate



# PASS Standard / Station E

Diameter up to 114,3 mm

	Part-no.	Price in €
<b>Guide Assembly</b>		

for all shapes	499E01	
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<b>Punch body</b>		
Round	4022E01	
Square	4022E02	
Rectangle	4022E03	
Oblong	4022E04	
*O.D. Ground Special Shapes	4022E0G	
* EDM required Special Shapes	4022E0E	

<b>Stripper</b>		
Round	4032E01	
Square	4032E02	
Rectangle	4032E03	
Oblong	4032E04	
*O.D. Ground Special Shapes	4032E0G	
* EDM required Special Shapes	4032E0E	

<b>Die</b>		
Round	4052E01	
Square	4052E02	
Rectangle	4052E03	
Oblong	4052E04	
*O.D. Ground Special Shapes	4052E0G	
* EDM required Special Shapes	4052E0E	

<b>Spare parts:</b>		
PU-ejector Ø 3x6 (in punch)	4092P03	
PU-ejector Ø 6x10 (in punch)	4092P06	
Set clamping-springs with screws	499E71	
Guiding key with screws	499E63	

<b>Compensating shims for punch:</b>		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499E3S1	

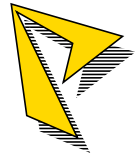
<b>Compensating shims for die:</b>		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499E2M1	



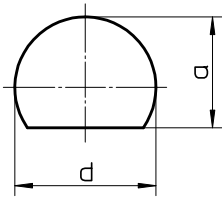
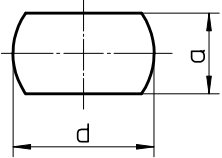
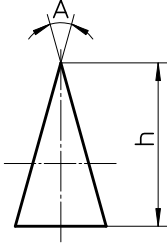
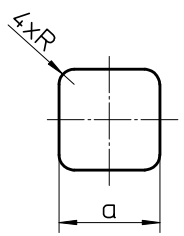
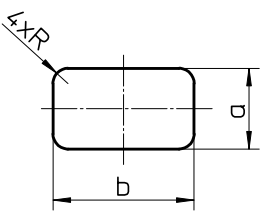
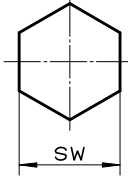
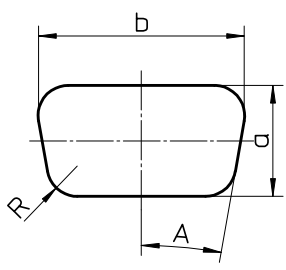
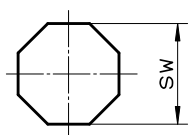
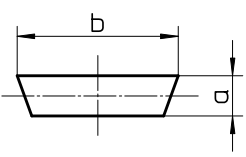
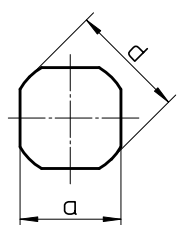
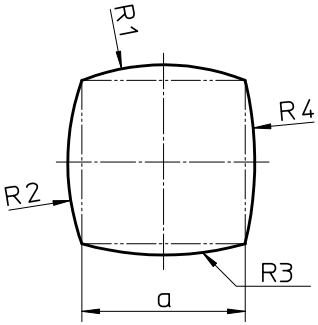
<b>Additional costs for punch:</b>	
TICN coating	
T-MAX coating	
WT-shear	
DOWT-shear	
2 PT-shear	
4 PT-shear	
additional keyway	

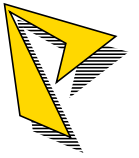
<b>Additional costs for punch guide:</b>	
additional keyway	

\* see page 22-23



# O.D. Ground Special shapes

 <p>G01</p>	 <p>G02</p>	 <p>G03</p>
 <p>G04</p>	 <p>G05</p>	 <p>G06</p>
 <p>G07</p>	 <p>G08</p>	 <p>G09</p>
 <p>G10</p>	 <p>G11</p>	<p><i>Please inquire for other shapes not indicated in this page!</i></p>



# EDM required Special shapes

<p>E01</p>	<p>E02</p>	<p>E03</p>
<p>E04</p>	<p>E05</p>	<p>E06</p>
<p>E07</p>	<p>E08</p>	<p>E09</p>
<p>E10</p>	<p>E11</p>	<p><i>Please inquire for other shapes not indicated in this page!</i></p>