



CATALOG 09/2024-WW-A.2

SYSTEM THICK TURRET



SCOPE OF APPLICATION:

Deliveries and services provided by PASS Stanztechnik AG are effected exclusively according to PASS delivery and payment conditions. These conditions shall be deemed accepted at the latest upon receipt of the goods or services.

GENERAL REMARKS:

You can find our general terms and conditions on our Homepage under: www.pass-ag.com

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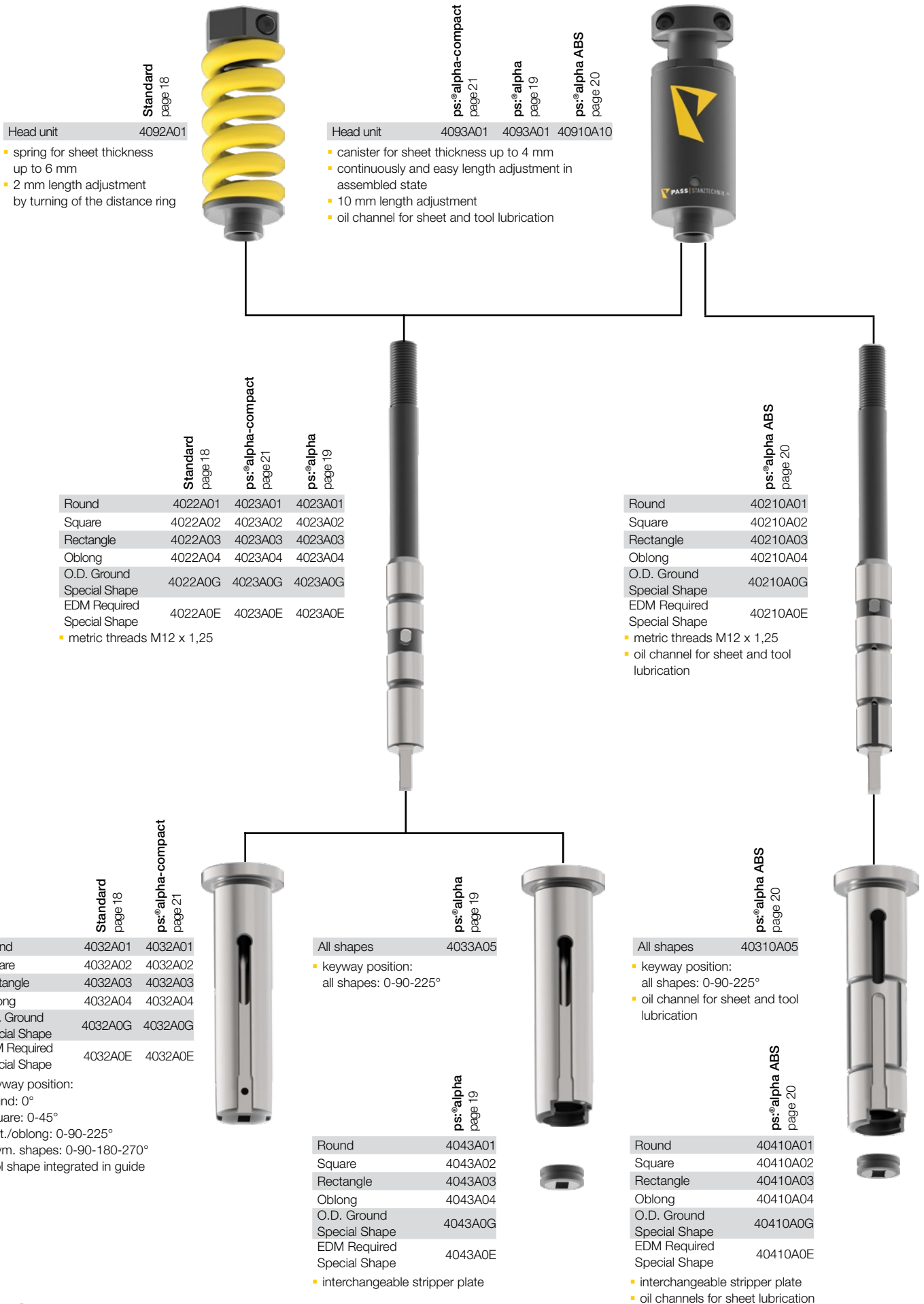
COMPATIBILITY STATION A TO E

PASS TOOLS FOR YOUR THICK TURRET SYSTEM

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OVERVIEW STATION A



OVERVIEW STATION A

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Head unit	4090A10	4099A10	4094A10	4095A10

- canister for sheet thickness up to 6 mm
- 10 mm length adjustment
- oil channel for sheet and tool lubrication



	ps:®beta-V2® ABS page 23	ps:®beta-compact ABS page 25
Head unit PDC	4099A10-PDC	4095A10-PDC

- head unit for PDC-system
- canister for sheet thickness up to 6 mm
- 10 mm length adjustment
- oil channel for sheet and tool lubrication



	ps:®beta-V2® page 22	ps:®beta-compact page 24
Round	4020A01	4024A01
Square	4020A02	4024A02
Rectangle	4020A03	4024A03
Oblong	4020A04	4024A04
O.D. Ground	4020A0G	4024A0G
Special Shape		
EDM Required	4020A0E	4024A0E
Special Shape		

- oil channel for tool lubrication

	ps:®beta-V2® ABS page 23	ps:®beta-compact ABS page 25
Round	4029A01	4025A01
Square	4029A02	4025A02
Rectangle	4029A03	4025A03
Oblong	4029A04	4025A04
O.D. Ground	4029A0G	4025A0G
Special Shape		
EDM Required	4029A0E	4025A0E
Special Shape		

- oil channel for sheet and tool lubrication



	ps:®beta-V2® page 22	ps:®beta-V2® ABS page 23
All shapes	4030A05	4039A05

- length adjustment in assembled state by pressing the locking button
- keyway position: all shapes: 0-90-225°
- oil channel for sheet and tool lubrication

	ps:®beta-V2® page 22	ps:®beta-V2® ABS page 23
Round	4040A01	4049A01
Square	4040A02	4049A02
Rectangle	4040A03	4049A03
Oblong	4040A04	4049A04
O.D. Ground	4040A0G	4049A0G
Special Shape		
EDM Required	4040A0E	4049A0E
Special Shape		

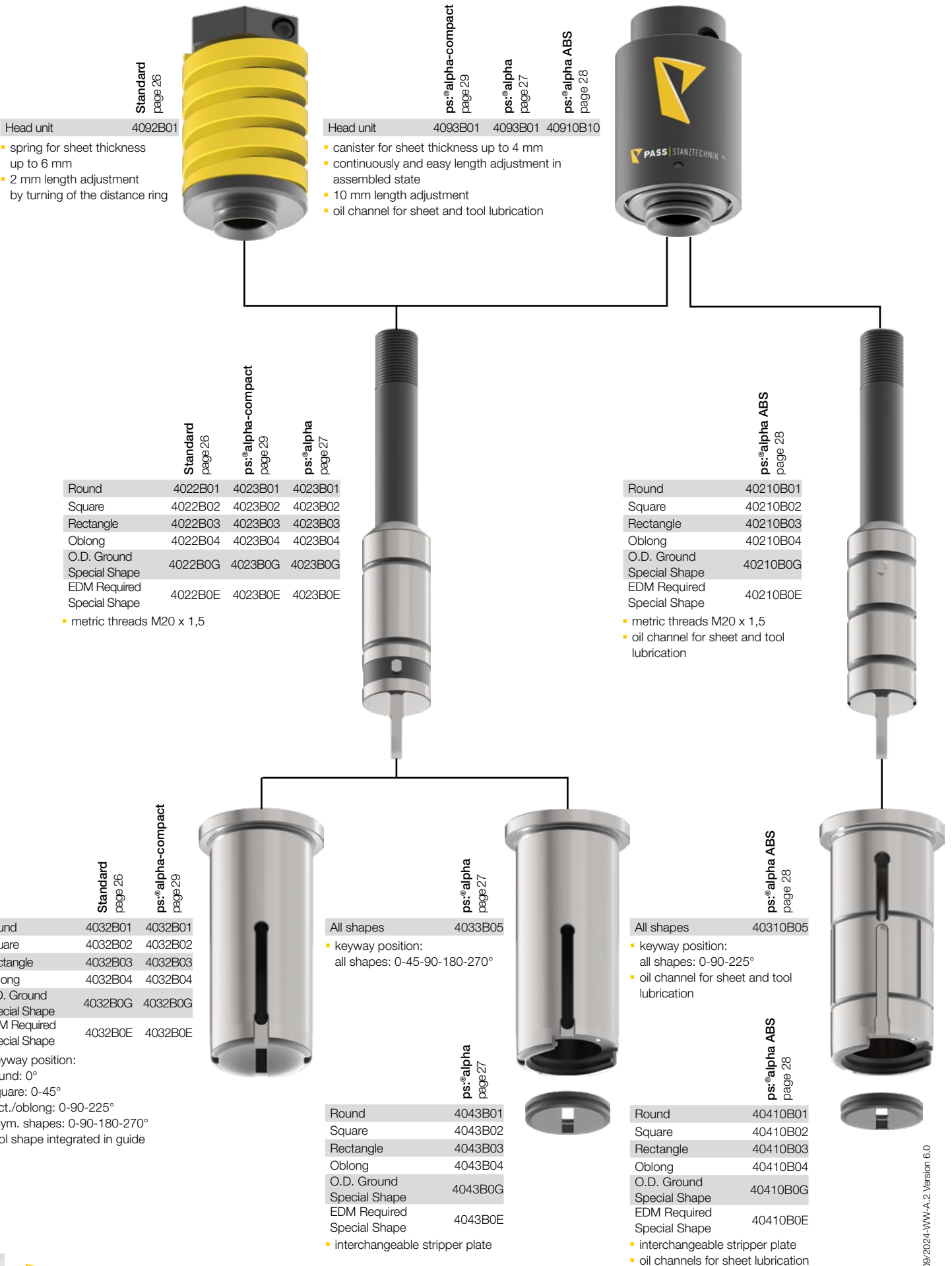
- interchangeable stripper plate
- oil channel for sheet lubrication for ABS



	ps:®beta-compact page 24	ps:®beta-compact ABS page 25
Round	4036A01	4038A01
Square	4036A02	4038A02
Rectangle	4036A03	4038A03
Oblong	4036A04	4038A04
O.D. Ground	4036A0G	4038A0G
Special Shape		
EDM Required	4036A0E	4038A0E
Special Shape		

- length adjustment in assembled state by pressing the locking button
- keyway position:
 - round: 0°
 - square: 0-45°
 - rect./oblong: 0-90-225°
 - asym. shapes: 0-90-180-270°
- tool shape integrated in guide
- oil channel for sheet lubrication for ABS

OVERVIEW STATION B



OVERVIEW STATION B

	ps:®beta-V2® page 30	ps:®beta-V2® ABS page 31	ps:®beta-compact page 32	ps:®beta-compact ABS page 33
Head unit	4090B10	4099B10	4094B10	4095B10

- canister for sheet thickness up to 6 mm
- 10 mm length adjustment
- oil channel for sheet and tool lubrication



	ps:®beta-V2® ABS page 31	ps:®beta-compact ABS page 33
Head unit PDC	4099B10-PDC	4095B10-PDC

- head unit for PDC-system
- canister for sheet thickness up to 6 mm
- 10 mm length adjustment
- oil channel for sheet and tool lubrication



	ps:®beta-V2® page 30	ps:®beta-compact page 32
Round	4020B01	4024B01
Square	4020B02	4024B02
Rectangle	4020B03	4024B03
Oblong	4020B04	4024B04
O.D. Ground	4020B0G	4024B0G
Special Shape		
EDM Required		
Special Shape	4020B0E	4024B0E

■ oil channel for tool lubrication



	ps:®beta-V2® ABS page 31	ps:®beta-compact ABS page 33
Round	4029B01	4025B01
Square	4029B02	4025B02
Rectangle	4029B03	4025B03
Oblong	4029B04	4025B04
O.D. Ground	4029B0G	4025B0G
Special Shape		
EDM Required		
Special Shape	4029B0E	4025B0E

■ oil channel for sheet and tool lubrication



	ps:®beta-V2® page 30	ps:®beta-V2® ABS page 31
All shapes	4030B05	4039B05

- length adjustment in assembled state by pressing the locking button
- keyway position: all shapes: 0-90-225°
- oil channel for sheet and tool lubrication



	ps:®beta-V2® page 30	ps:®beta-V2® ABS page 31
Round	4040B01	4049B01
Square	4040B02	4049B02
Rectangle	4040B03	4049B03
Oblong	4040B04	4049B04
O.D. Ground	4040B0G	4049B0G
Special Shape		
EDM Required		
Special Shape	4040B0E	4049B0E

- interchangeable stripper plate
- oil channel for sheet lubrication for ABS

	ps:®beta-compact page 32	ps:®beta-compact ABS page 33
Round	4036B01	4038B01
Square	4036B02	4038B02
Rectangle	4036B03	4038B03
Oblong	4036B04	4038B04
O.D. Ground	4036B0G	4038B0G
Special Shape		
EDM Required		
Special Shape	4036B0E	4038B0E

- length adjustment in assembled state by pressing the locking button
- keyway position:
 - round: 0°
 - square: 0-45°
 - rect./oblong: 0-45-90-135°
 - asym. shapes: 0-90-180-270°
- tool shape integrated in guide
- oil channel for sheet lubrication for ABS



OVERVIEW STATION C

Standard
page 34

Guide assembly 499C01

- screw M12
- spring for sheet thickness up to 6 mm
- 3 mm length adjustment by using shims
- keyway position: 0-90°
- clamps for lateral fixing the strippers



ps:®alpha-V2 ABS
page 35

Guide assembly 4031C01

- screw M14
- spring for sheet thickness up to 6 mm
- oil channel for sheet and tool lubrication
- 10 mm length adjustment in assembled state by pressing the locking button position
- keyway position: 0-90°
- clamps for lateral fixing the strippers
- suitable for PDC-system



Standard
page 34

Round 4022C01

Square 4022C02

Rectangle 4022C03

Oblong 4022C04

O.D. Ground 4022C0G

Special Shape 4022C0E

EDM Required 4022C0E

Special Shape 4022C0E

- thread M12



ps:®alpha-V2 ABS
page 35

Round 4021C01

Square 4021C02

Rectangle 4021C03

Oblong 4021C04

O.D. Ground 4021C0G

Special Shape 4021C0E

EDM Required 4021C0E

Special Shape 4021C0E

- thread M14

- oil channel for sheet and tool lubrication



Standard
page 34

Round 4032C01

Square 4032C02

Rectangle 4032C03

Oblong 4032C04

O.D. Ground 4032C0G

Special Shape 4032C0E

EDM Required 4032C0E

Special Shape 4032C0E

- interchangeable stripper plate



ps:®alpha-V2 ABS
page 35

Round 4041C01

Square 4041C02

Rectangle 4041C03

Oblong 4041C04

O.D. Ground 4041C0G

Special Shape 4041C0E

EDM Required 4041C0E

Special Shape 4041C0E

- interchangeable stripper plate
- oil channels for sheet lubrication



OVERVIEW STATION C



	ps:®beta-V2® page 36	ps:®beta-V2® slitting tools page 38	ps:®beta-V2® ABS page 37	ps:®beta-V2® ABS slitting tools page 39
Guide assembly	4030C01	4030C01	4039C01	4039C01

- screw M12
- spring for sheet thickness up to 6 mm
- oil channel for sheet and tool lubrication
- 10 mm length adjustment in assembled state by pressing the locking button position
- keyway position: 0-90°
- fast and easy clamping system for stripper
- suitable for PDC-system (for ABS)

ps:®beta-V2®
page 36

Round	4020C01
Square	4020C02
Rectangle	4020C03
Oblong	4020C04
O.D. Ground	4020C0G
Special Shape	4020C0E
EDM Required	4020C0E
Special Shape	4020C0E

- oil channel for tool lubrication

ps:®beta-V2®
slitting tools
page 38

Slitting punch holder	4220CT00
Slitting punch	
Rectangle	4020CT03
Oblong	4020CT04
Trapezoid G09	4020CT0G
Double	4020CT0E
Trapezoid E03	4020CT0E

- 2 fixing threads M6
- oil channel for tool lubrication

ps:®beta-V2®
page 37

Round	4029C01
Square	4029C02
Rectangle	4029C03
Oblong	4029C04
O.D. Ground	4029C0G
Special Shape	4029C0E
EDM Required	4029C0E
Special Shape	4029C0E

- thread M12
- oil channel for sheet and tool lubrication

ps:®beta-V2®
ABS slitting tools
page 39

Slitting punch holder	4229CT00
Slitting punch	
Rectangle	4029CT03
Oblong	4029CT04
Trapezoid G09	4029CT0G
Double	4029CT0E
Trapezoid E03	4029CT0E

- 2 fixing threads M6
- thread M12
- oil channel for sheet and tool lubrication

ps:®beta-V2®
page 36

Round	4040C01
Square	4040C02
Rectangle	4040C03
Oblong	4040C04
O.D. Ground	4040C0G
Special Shape	4040C0E
EDM Required	4040C0E
Special Shape	4040C0E

ps:®beta-V2®
slitting tools
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	4040CT03
	4040CT04
	4040CT0G
	4040CT0E

- interchangeable stripper plate

ps:®beta-V2®
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Round	4049C01
Square	4049C02
Rectangle	4049C03
Oblong	4049C04
O.D. Ground	4049C0G
Special Shape	4049C0E
EDM Required	4049C0E
Special Shape	4049C0E

ps:®beta-V2®
ABS slitting tools
page 39

	4049CT03
	4049CT04
	4049CT0G
	4049CT0E

- interchangeable stripper plate
- oil channels for sheet lubrication

OVERVIEW STATION D

Guide assembly

- screw M12
- spring for sheet thickness up to 6 mm
- 3 mm length adjustment by using shims
- keyway position: 0-90°
- clamps for lateral fixing the strippers

Standard
page 40

499D01



Round	4022D01
Square	4022D02
Rectangle	4022D03
Oblong	4022D04
O.D. Ground	4022DOG
Special Shape	4022D0E
EDM Required	4022D0E
Special Shape	4022D0E

- thread M12

Standard
page 40



Round	4032D01
Square	4032D02
Rectangle	4032D03
Oblong	4032D04
O.D. Ground	4032DOG
Special Shape	4032D0E
EDM Required	4032D0E
Special Shape	4032D0E

Standard
page 40



- interchangeable stripper plate

Guide assembly

- screw M14
- spring for sheet thickness up to 6 mm
- oil channel for sheet and tool lubrication
- 10 mm length adjustment in assembled state by pressing the locking button position
- keyway position: 0-90°
- suitable for PDC-system

ps®alpha-V2 ABS
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Round	4021D01
Square	4021D02
Rectangle	4021D03
Oblong	4021D04
O.D. Ground	4021DOG
Special Shape	4021D0E
EDM Required	4021D0E
Special Shape	4021D0E

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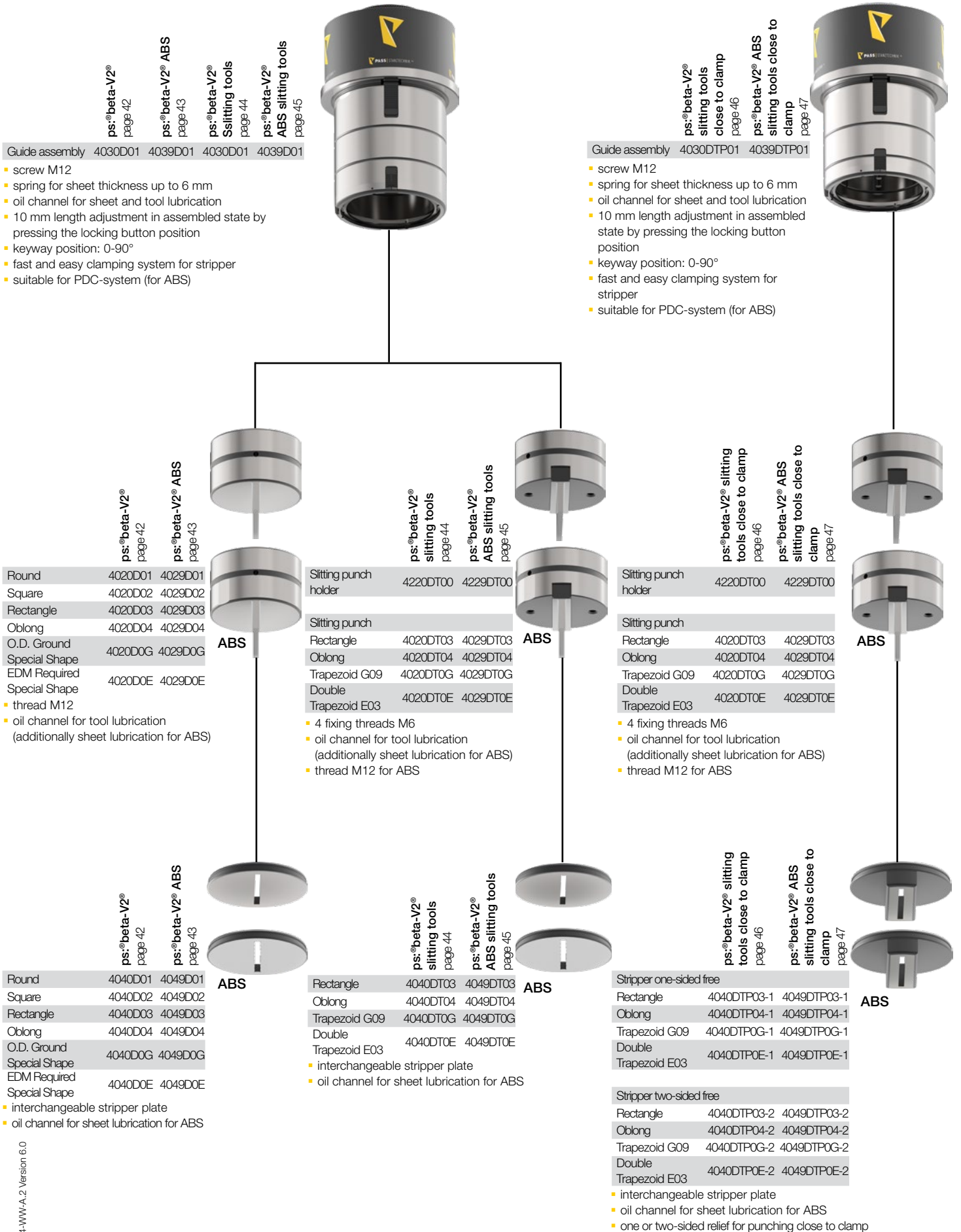
Round	4041D01
Square	4041D02
Rectangle	4041D03
Oblong	4041D04
O.D. Ground	4041DOG
Special Shape	4041D0E
EDM Required	4041D0E
Special Shape	4041D0E

ps®alpha-V2 ABS
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- interchangeable stripper plate
- oil channels for sheet lubrication

OVERVIEW STATION D



OVERVIEW STATION E

Guide assembly

- screw M12
- spring for sheet thickness up to 6 mm
- 3 mm length adjustment by using shims
- keyway position: 0-90°
- clamps for lateral fixing the strippers

Standard
page 48

499E01



Guide assembly

- screw M14
- spring for sheet thickness up to 6 mm
- oil channel for sheet and tool lubrication
- 10 mm length adjustment in assembled state by pressing the locking button position
- keyway position: 0-90°
- suitable for PDC-system

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4031E01



Standard
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Round	4022E01
Square	4022E02
Rectangle	4022E03
Oblong	4022E04
O.D. Ground	4022E0G
Special Shape	4022E0E
EDM Required	4022E0E
Special Shape	4022E0E
▪ thread M12	



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Round	4021E01
Square	4021E02
Rectangle	4021E03
Oblong	4021E04
O.D. Ground	4021E0G
Special Shape	4021E0E
EDM Required	4021E0E
Special Shape	4021E0E
▪ thread M14	
▪ oil channel for sheet and tool lubrication	



Standard
page 48

Round	4032E01
Square	4032E02
Rectangle	4032E03
Oblong	4032E04
O.D. Ground	4032E0G
Special Shape	4032E0E
EDM Required	4032E0E
Special Shape	4032E0E
▪ interchangeable stripper plate	

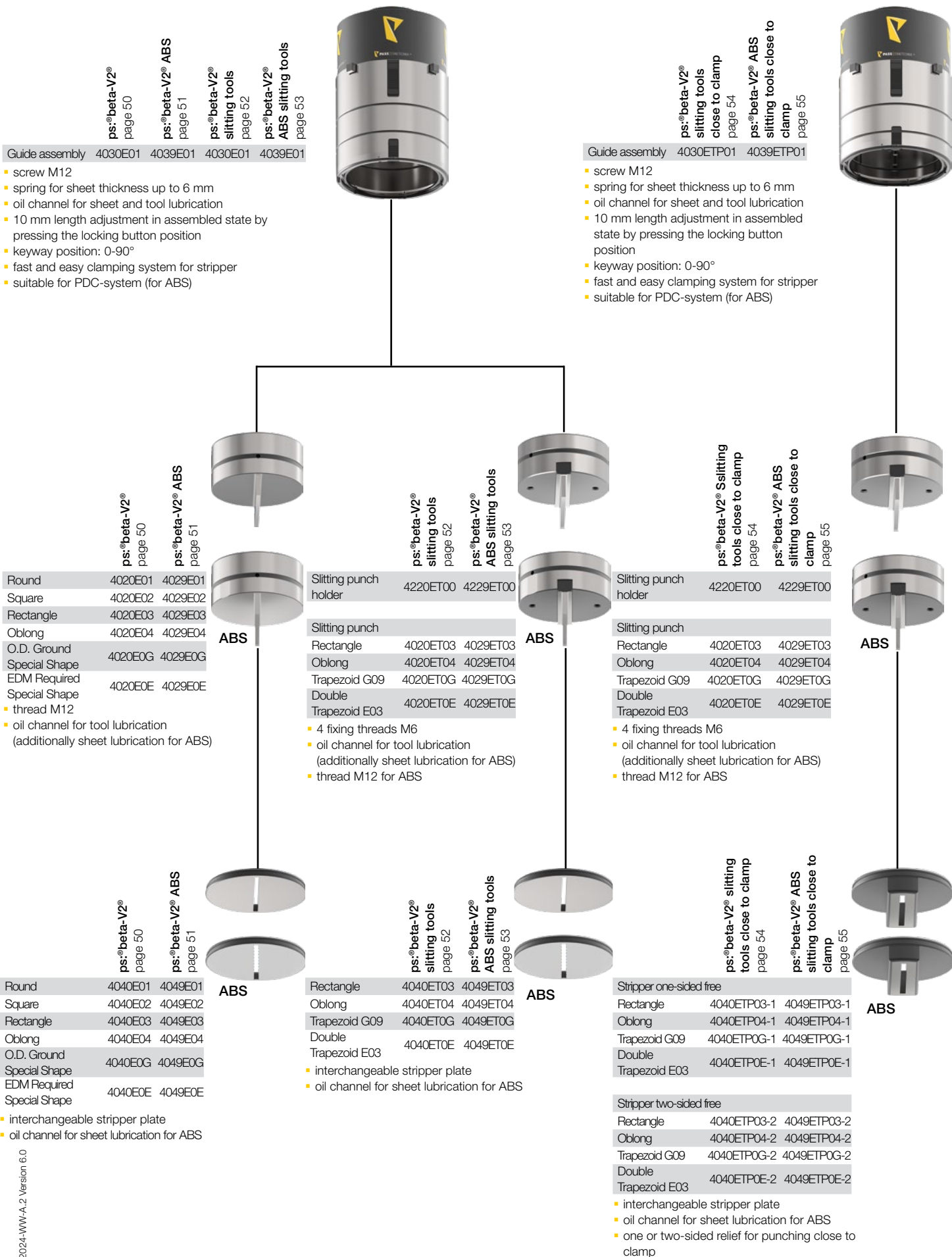


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Round	4041E01
Square	4041E02
Rectangle	4041E03
Oblong	4041E04
O.D. Ground	4041E0G
Special Shape	4041E0E
EDM Required	4041E0E
Special Shape	4041E0E
▪ interchangeable stripper plate	
▪ oil channel for sheet lubrication	



OVERVIEW STATION E





TOOLS STATION A TO E

PASS TOOLS FOR YOUR THICK TURRET SYSTEM

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PASS STANDARD I STATION A

DIAMETER UP TO 12,7 MM

PART-NO.



PUNCH ASSEMBLY		
	Round	4012A01
	Square	4012A02
	Rectangle	4012A03
	Oblong	4012A04
	O.D. Ground Special Shape	4012A0G
	EDM Required Special Shape	4012A0E

HEAD UNIT (HEAD SCREW, SPRING, DISTANCE RING)		
	All shapes	4092A01

PUNCH (H-PM®)		
	Round	4022A01
	Square	4022A02
	Rectangle	4022A03
	Oblong	4022A04
	O.D. Ground Special Shape	4022A0G
	EDM Required Special Shape	4022A0E

PUNCH GUIDE		
	Round	4032A01
	Square	4032A02
	Rectangle	4032A03
	Oblong	4032A04
	O.D. Ground Special Shape	4032A0G
	EDM Required Special Shape	4032A0E

DIE (HWS)		
	Round	4052A01
	Square	4052A02
	Rectangle	4052A03
	Oblong	4052A04
	O.D. Ground Special Shape	4052A0G
	EDM Required Special Shape	4052A0E

SPARE PARTS

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

PUNCH OPTIONS

TICN coating (working with stainless steel)
T-MAX coating (working with galvanised sheet / zincor)
A-MAX coating (working with aluminum)
WT-shear (whisper shear)
DOWT-shear (rooftop shear)
2 PT-shear (inverted rooftop shear)
4 PT-shear (inverted cross shear)
Cutting part under 1,00 mm

COMPENSATING SHIM FOR PUNCH

Piece (2 mm)	499A4S2
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PUNCH GUIDE OPTIONS

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE

1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1
Shimkeeper (0,5 mm)	499A1M95

DIE OPTIONS

Reinforced die
H-PM® Quality
Additional pin hole

ps:® alpha I STATION A

DIAMETER UP TO 12,7 MM

PART-NO.



PUNCH ASSEMBLY		
	Round	4013A01
	Square	4013A02
	Rectangle	4013A03
	Oblong	4013A04
	O.D. Ground Special Shape	4013A0G
	EDM Required Special Shape	4013A0E

HEAD UNIT		
	All shapes	4093A01

PUNCH (H-PM®)		
	Round	4023A01
	Square	4023A02
	Rectangle	4023A03
	Oblong	4023A04
	O.D. Ground Special Shape	4023A0G
	EDM Required Special Shape	4023A0E

PUNCH GUIDE		
	All shapes	4033A05

STRIPPER		
	Round	4043A01
	Square	4043A02
	Rectangle	4043A03
	Oblong	4043A04
	O.D. Ground Special Shape	4043A0G
	EDM Required Special Shape	4043A0E

DIE (HWS)		
	Round	4052A01
	Square	4052A02
	Rectangle	4052A03
	Oblong	4052A04
	O.D. Ground Special Shape	4052A0G
	EDM Required Special Shape	4052A0E

SPARE PARTS		
O-Ring (in punch guide)		4092A51
PU ejector Ø 3x6 (in punch)		4092P03
PU ejector Ø 6x10 (in punch)		4092P06

PUNCH OPTIONS	
TICN coating (working with stainless steel)	
T-MAX coating (working with galvanised sheet / zincor)	
A-MAX coating (working with aluminum)	
WT-shear (whisper shear)	
DOWT-shear (rooftop shear)	
2 PT-shear (inverted rooftop shear)	
4 PT-shear (inverted cross shear)	
Cutting part under 1,00 mm	

COMPENSATING SHIM FOR PUNCH		
Not necessary		

PUNCH GUIDE OPTIONS	
Additional keyway	

SET OF COMPENSATING SHIMS FOR DIE		
1x0,4 mm/1x0,8 mm/1x1,2 mm		499A1M1
Shimkeeper (0,5 mm)		499A1M95

DIE OPTIONS	
Reinforced die	
H-PM® Quality	
Additional pin hole	

ps:®alpha ABS I STATION A

DIAMETER UP TO 12,7 MM



PART-NO.

PUNCH ASSEMBLY

Round	40110A01
Square	40110A02
Rectangle	40110A03
Oblong	40110A04
O.D. Ground Special Shape	40110A0G
EDM Required Special Shape	40110A0E

HEAD UNIT

All shapes	40910A10
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PUNCH (H-PM®)

Round	40210A01
Square	40210A02
Rectangle	40210A03
Oblong	40210A04
O.D. Ground Special Shape	40210A0G
EDM Required Special Shape	40210A0E

PUNCH GUIDE

All shapes	40310A05
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STRIPPER

Round	40410A01
Square	40410A02
Rectangle	40410A03
Oblong	40410A04
O.D. Ground Special Shape	40410A0G
EDM Required Special Shape	40410A0E

DIE (HWS)

Round	4052A01
Square	4052A02
Rectangle	4052A03
Oblong	4052A04
O.D. Ground Special Shape	4052A0G
EDM Required Special Shape	4052A0E

SPARE PARTS

O-Ring (in punch guide)	4092A51
PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

PUNCH OPTIONS

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Cutting part under 1,00 mm

COMPENSATING SHIM FOR PUNCH

Not necessary

PUNCH GUIDE OPTIONS

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE

1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1
Shimkeeper (0,5 mm)	499A1M95

DIE OPTIONS

- Reinforced die
- H-PM® Quality
- ps:®tornado-die (vacuum-style)
- Additional pin hole

ps:® alpha-compact I STATION A

DIAMETER UP TO 12,7 MM

PART-NO.



PUNCH ASSEMBLY		
	Round	4017A01
	Square	4017A02
	Rectangle	4017A03
	Oblong	4017A04
	O.D. Ground Special Shape	4017A0G
	EDM Required Special Shape	4017A0E

HEAD UNIT		
	All shapes	4093A01

PUNCH (H-PM®)		
	Round	4023A01
	Square	4023A02
	Rectangle	4023A03
	Oblong	4023A04
	O.D. Ground Special Shape	4023A0G
	EDM Required Special Shape	4023A0E

PUNCH GUIDE		
	Round	4032A01
	Square	4032A02
	Rectangle	4032A03
	Oblong	4032A04
	O.D. Ground Special Shape	4032A0G
	EDM Required Special Shape	4032A0E

DIE (HWS)		
	Round	4052A01
	Square	4052A02
	Rectangle	4052A03
	Oblong	4052A04
	O.D. Ground Special Shape	4052A0G
	EDM Required Special Shape	4052A0E

SPARE PARTS		
O-Ring (in punch guide)		4092A51
PU ejector Ø 3x6 (in punch)		4092P03
PU ejector Ø 6x10 (in punch)		4092P06

PUNCH OPTIONS	
TICN coating (working with stainless steel)	
T-MAX coating (working with galvanised sheet / zincor)	
A-MAX coating (working with aluminum)	
WT-shear (whisper shear)	
DOWT-shear (rooftop shear)	
2 PT-shear (inverted rooftop shear)	
4 PT-shear (inverted cross shear)	
Cutting part under 1,00 mm	

COMPENSATING SHIM FOR PUNCH		
Not necessary		

PUNCH GUIDE OPTIONS	
Additional keyway	

SET OF COMPENSATING SHIMS FOR DIE		
1x0,4 mm/1x0,8 mm/1x1,2 mm		499A1M1
Shimkeeper (0,5 mm)		499A1M95

DIE OPTIONS	
Reinforced die	
H-PM® Quality	
Additional pin hole	

ps:®beta-V2® | STATION A

DIAMETER UP TO 12,7 MM



PART-NO.

PUNCH ASSEMBLY

Round	4010A01
Square	4010A02
Rectangle	4010A03
Oblong	4010A04
O.D. Ground Special Shape	4010A0G
EDM Required Special Shape	4010A0E

HEAD UNIT

All shapes	4090A10
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PUNCH (H-PM®)

Round	4020A01
Square	4020A02
Rectangle	4020A03
Oblong	4020A04
O.D. Ground Special Shape	4020A0G
EDM Required Special Shape	4020A0E

PUNCH GUIDE

All shapes	4030A05
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STRIPPER

Round	4040A01
Square	4040A02
Rectangle	4040A03
Oblong	4040A04
O.D. Ground Special Shape	4040A0G
EDM Required Special Shape	4040A0E

DIE (HWS)

Round	4052A01
Square	4052A02
Rectangle	4052A03
Oblong	4052A04
O.D. Ground Special Shape	4052A0G
EDM Required Special Shape	4052A0E

SPARE PARTS

O-Ring (in punch guide)	4092A51
PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

PUNCH OPTIONS

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Cutting part under 1,00 mm

COMPENSATING SHIM FOR PUNCH

Not necessary

PUNCH GUIDE OPTIONS

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE

1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1
Shimkeeper (0,5 mm)	499A1M95

DIE OPTIONS

- Reinforced die
- H-PM® Quality
- Additional pin hole

ps:®beta-V2® ABS I STATION A

DIAMETER UP TO 12,7 MM

PART-NO.

PUNCH ASSEMBLY		
Round	4019A01	
Square	4019A02	
Rectangle	4019A03	
Oblong	4019A04	
O.D. Ground Special Shape	4019A0G	
EDM Required Special Shape	4019A0E	

HEAD UNIT		
All shapes	4099A10	

PUNCH (H-PM®)		
Round	4029A01	
Square	4029A02	
Rectangle	4029A03	
Oblong	4029A04	
O.D. Ground Special Shape	4029A0G	
EDM Required Special Shape	4029A0E	

PUNCH GUIDE		
All shapes	4039A05	

STRIPPER		
Round	4049A01	
Square	4049A02	
Rectangle	4049A03	
Oblong	4049A04	
O.D. Ground Special Shape	4049A0G	
EDM Required Special Shape	4049A0E	

DIE (HWS)		
Round	4052A01	
Square	4052A02	
Rectangle	4052A03	
Oblong	4052A04	
O.D. Ground Special Shape	4052A0G	
EDM Required Special Shape	4052A0E	

SPARE PARTS		
O-Ring (in punch guide)	4092A51	
PU ejector Ø 3x6 (in punch)	4092P03	
PU ejector Ø 6x10 (in punch)	4092P06	

COMPENSATING SHIM FOR PUNCH		
Not necessary		

SET OF COMPENSATING SHIMS FOR DIE		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1	
Shimkeeper (0,5 mm)	499A1M95	

PUNCH OPTIONS

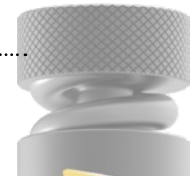
- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Cutting part under 1,00 mm

PUNCH GUIDE OPTIONS

- Additional keyway

DIE OPTIONS

- Reinforced die
- H-PM® Quality
- ps:®tornado-die (vacuum-style)
- Additional pin hole



Head unit for PDC-system (without extra charge)
Part-no. "see left"-PDC e.g.: 4099A10-PDC



ps:®beta-compact I STATION A

DIAMETER UP TO 12,7 MM



PART-NO.

PUNCH ASSEMBLY

Round	4016A01
Square	4016A02
Rectangle	4016A03
Oblong	4016A04
O.D. Ground Special Shape	4016A0G
EDM Required Special Shape	4016A0E

HEAD UNIT

All shapes	4094A10
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PUNCH (H-PM®)

Round	4024A01
Square	4024A02
Rectangle	4024A03
Oblong	4024A04
O.D. Ground Special Shape	4024A0G
EDM Required Special Shape	4024A0E

PUNCH GUIDE

Round	4036A01
Square	4036A02
Rectangle	4036A03
Oblong	4036A04
O.D. Ground Special Shape	4036A0G
EDM Required Special Shape	4036A0E

DIE (HWS)

Round	4052A01
Square	4052A02
Rectangle	4052A03
Oblong	4052A04
O.D. Ground Special Shape	4052A0G
EDM Required Special Shape	4052A0E

SPARE PARTS

O-Ring (in punch guide)	4092A51
PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

PUNCH OPTIONS

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Cutting part under 1,00 mm

COMPENSATING SHIM FOR PUNCH

Not necessary

PUNCH GUIDE OPTIONS

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE

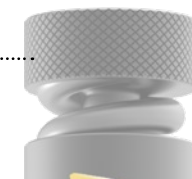
1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1
Shimkeeper (0,5 mm)	499A1M95

DIE OPTIONS

- Reinforced die
- H-PM® Quality
- Additional pin hole

ps:® beta-compact ABS I STATION A

DIAMETER UP TO 12,7 MM



Head unit
for PDC-system
(without extra charge)
Part.-no. „see left“-PDC e.g.:
4095A10-PDC



	PART-NO.
PUNCH ASSEMBLY	
Round	4018A01
Square	4018A02
Rectangle	4018A03
Oblong	4018A04
O.D. Ground Special Shape	4018A0G
EDM Required Special Shape	4018A0E

HEAD UNIT	
All shapes	4095A10

PUNCH (H-PM®)	
Round	4025A01
Square	4025A02
Rectangle	4025A03
Oblong	4025A04
O.D. Ground Special Shape	4025A0G
EDM Required Special Shape	4025A0E

PUNCH GUIDE	
Round	4038A01
Square	4038A02
Rectangle	4038A03
Oblong	4038A04
O.D. Ground Special Shape	4038A0G
EDM Required Special Shape	4038A0E

DIE (HWS)	
Round	4052A01
Square	4052A02
Rectangle	4052A03
Oblong	4052A04
O.D. Ground Special Shape	4052A0G
EDM Required Special Shape	4052A0E

SPARE PARTS	
O-Ring (in punch guide)	4092A51
PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

PUNCH OPTIONS	
TICN coating (working with stainless steel)	
T-MAX coating (working with galvanised sheet / zincor)	
A-MAX coating (working with aluminum)	
WT-shear (whisper shear)	
DOWT-shear (rooftop shear)	
2 PT-shear (inverted rooftop shear)	
4 PT-shear (inverted cross shear)	
Cutting part under 1,00 mm	

COMPENSATING SHIM FOR PUNCH	
Not necessary	

PUNCH GUIDE OPTIONS	
Additional keyway	

SET OF COMPENSATING SHIMS FOR DIE	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1
Shimkeeper (0,5 mm)	499A1M95

DIE OPTIONS	
Reinforced die	
H-PM® Quality	
ps:®tornado-die (vacuum-style)	
Additional pin hole	

PASS STANDARD I STATION B

DIAMETER UP TO 31,75 MM



PART-NO.

PUNCH ASSEMBLY		
	Round	4012B01
	Square	4012B02
	Rectangle	4012B03
	Oblong	4012B04
	O.D. Ground Special Shape	4012B0G
	EDM Required Special Shape	4012B0E

HEAD UNIT (HEAD SCREW, SPRING, DISTANCE RING)		
	All shapes	4092B01

PUNCH (H-PM®)		
	Round	4022B01
	Square	4022B02
	Rectangle	4022B03
	Oblong	4022B04
	O.D. Ground Special Shape	4022B0G
	EDM Required Special Shape	4022B0E

PUNCH GUIDE		
	Round	4032B01
	Square	4032B02
	Rectangle	4032B03
	Oblong	4032B04
	O.D. Ground Special Shape	4032B0G
	EDM Required Special Shape	4032B0E

DIE (HWS)		
	Round	4052B01
	Square	4052B02
	Rectangle	4052B03
	Oblong	4052B04
	O.D. Ground Special Shape	4052B0G
	EDM Required Special Shape	4052B0E

SPARE PARTS

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

PUNCH OPTIONS

TICN coating (working with stainless steel)
T-MAX coating (working with galvanised sheet / zincor)
A-MAX coating (working with aluminum)
WT-shear (whisper shear)
DOWT-shear (rooftop shear)
2 PT-shear (inverted rooftop shear)
4 PT-shear (inverted cross shear)
Cutting part under 1,00 mm

COMPENSATING SHIM FOR PUNCH

Piece (2 mm)	499B4S2
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PUNCH GUIDE OPTIONS

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE

1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1
Shimkeeper (0,5 mm)	499B1M95

DIE OPTIONS

Reinforced die
H-PM® Quality
Additional pin hole

ps:® alpha I STATION B

DIAMETER UP TO 31,75 MM



PART-NO.

PUNCH ASSEMBLY

	Round	4013B01
	Square	4013B02
	Rectangle	4013B03
	Oblong	4013B04
	O.D. Ground Special Shape	4013B0G
	EDM Required Special Shape	4013B0E

HEAD UNIT

	All shapes	4093B01
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PUNCH (H-PM®)

	Round	4023B01
	Square	4023B02
	Rectangle	4023B03
	Oblong	4023B04
	O.D. Ground Special Shape	4023B0G
	EDM Required Special Shape	4023B0E

PUNCH GUIDE

	All shapes	4033B05
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STRIPPER

	Round	4043B01
	Square	4043B02
	Rectangle	4043B03
	Oblong	4043B04
	O.D. Ground Special Shape	4043B0G
	EDM Required Special Shape	4043B0E

DIE (HWS)

	Round	4052B01
	Square	4052B02
	Rectangle	4052B03
	Oblong	4052B04
	O.D. Ground Special Shape	4052B0G
	EDM Required Special Shape	4052B0E

SPARE PARTS

O-Ring (in punch guide)	4092B51
PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

PUNCH OPTIONS

TICN coating (working with stainless steel)
T-MAX coating (working with galvanised sheet / zincor)
A-MAX coating (working with aluminum)
WT-shear (whisper shear)
DOWT-shear (rooftop shear)
2 PT-shear (inverted rooftop shear)
4 PT-shear (inverted cross shear)
Cutting part under 1,00 mm

COMPENSATING SHIM FOR PUNCH

Not necessary

PUNCH GUIDE OPTIONS

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE

1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1
Shimkeeper (0,5 mm)	499B1M95

DIE OPTIONS

Reinforced die
H-PM® Quality
Additional pin hole

ps:®alpha ABS I STATION B

DIAMETER UP TO 31,75 MM



PART-NO.

PUNCH ASSEMBLY		
	Round	40110B01
	Square	40110B02
	Rectangle	40110B03
	Oblong	40110B04
	O.D. Ground Special Shape	40110B0G
	EDM Required Special Shape	40110B0E

HEAD UNIT		
	All shapes	40910B10

PUNCH (H-PM®)		
	Round	40210B01
	Square	40210B02
	Rectangle	40210B03
	Oblong	40210B04
	O.D. Ground Special Shape	40210B0G
	EDM Required Special Shape	40210B0E

PUNCH GUIDE		
	All shapes	40310B05

STRIPPER		
	Round	40410B01
	Square	40410B02
	Rectangle	40410B03
	Oblong	40410B04
	O.D. Ground Special Shape	40410B0G
	EDM Required Special Shape	40410B0E

DIE (HWS)		
	Round	4052B01
	Square	4052B02
	Rectangle	4052B03
	Oblong	4052B04
	O.D. Ground Special Shape	4052B0G
	EDM Required Special Shape	4052B0E

SPARE PARTS	
O-Ring (in punch guide)	4092B51
PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

PUNCH OPTIONS	
TICN coating (working with stainless steel)	
T-MAX coating (working with galvanised sheet / zincor)	
A-MAX coating (working with aluminum)	
WT-shear (whisper shear)	
DOWT-shear (rooftop shear)	
2 PT-shear (inverted rooftop shear)	
4 PT-shear (inverted cross shear)	
Cutting part under 1,00 mm	

COMPENSATING SHIM FOR PUNCH	
Not necessary	

PUNCH GUIDE OPTIONS	
Additional keyway	

SET OF COMPENSATING SHIMS FOR DIE	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1
Shimkeeper (0,5 mm)	499B1M95

DIE OPTIONS	
Reinforced die	
H-PM® Quality	
ps:®tornado-die (vacuum-style)	
Additional pin hole	

ps:® alpha-compact I STATION B

DIAMETER UP TO 31,75 MM

PART-NO.

PUNCH ASSEMBLY		
Round		4017B01
Square		4017B02
Rectangle		4017B03
Oblong		4017B04
O.D. Ground Special Shape		4017B0G
EDM Required Special Shape		4017B0E

HEAD UNIT		
All shapes		4093B01

PUNCH (H-PM®)		
Round		4023B01
Square		4023B02
Rectangle		4023B03
Oblong		4023B04
O.D. Ground Special Shape		4023B0G
EDM Required Special Shape		4023B0E

PUNCH GUIDE		
Round		4032B01
Square		4032B02
Rectangle		4032B03
Oblong		4032B04
O.D. Ground Special Shape		4032B0G
EDM Required Special Shape		4032B0E

DIE (HWS)		
Round		4052B01
Square		4052B02
Rectangle		4052B03
Oblong		4052B04
O.D. Ground Special Shape		4052B0G
EDM Required Special Shape		4052B0E



SPARE PARTS		
O-Ring (in punch guide)		4092B51
PU ejector Ø 3x6 (in punch)		4092P03
PU ejector Ø 6x10 (in punch)		4092P06

PUNCH OPTIONS	
TICN coating (working with stainless steel)	
T-MAX coating (working with galvanised sheet / zincor)	
A-MAX coating (working with aluminum)	
WT-shear (whisper shear)	
DOWT-shear (rooftop shear)	
2 PT-shear (inverted rooftop shear)	
4 PT-shear (inverted cross shear)	
Cutting part under 1,00 mm	

COMPENSATING SHIM FOR PUNCH		
Not necessary		

PUNCH GUIDE OPTIONS	
Additional keyway	

SET OF COMPENSATING SHIMS FOR DIE		
1x0,4 mm/1x0,8 mm/1x1,2 mm		499B1M1
Shimkeeper (0,5 mm)		499B1M95

DIE OPTIONS	
Reinforced die	
H-PM® Quality	
Additional pin hole	

ps:®beta-V2® | STATION B

DIAMETER UP TO 31,75 MM



PART-NO.

PUNCH ASSEMBLY

Round	4010B01
Square	4010B02
Rectangle	4010B03
Oblong	4010B04
O.D. Ground Special Shape	4010B0G
EDM Required Special Shape	4010B0E

HEAD UNIT

All shapex	4090B10
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PUNCH (H-PM®)

Round	4020B01
Square	4020B02
Rectangle	4020B03
Oblong	4020B04
O.D. Ground Special Shape	4020B0G
EDM Required Special Shape	4020B0E

PUNCH GUIDE

All shapex	4030B05
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STRIPPER

Round	4040B01
Square	4040B02
Rectangle	4040B03
Oblong	4040B04
O.D. Ground Special Shape	4040B0G
EDM Required Special Shape	4040B0E

DIE (HWS)

Round	4052B01
Square	4052B02
Rectangle	4052B03
Oblong	4052B04
O.D. Ground Special Shape	4052B0G
EDM Required Special Shape	4052B0E

SPARE PARTS

O-Ring (in punch guide)	4092B51
PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

PUNCH OPTIONS

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Cutting part under 1,00 mm

COMPENSATING SHIM FOR PUNCH

Not necessary

PUNCH GUIDE OPTIONS

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE

1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1
Shimkeeper (0,5 mm)	499B1M95

DIE OPTIONS

- Reinforced die
- H-PM® Quality
- Additional pin hole

ps:®beta-V2® ABS I STATION B

DIAMETER UP TO 31,75 MM

PART-NO.

PUNCH ASSEMBLY		
	Round	4019B01
	Square	4019B02
	Rectangle	4019B03
	Oblong	4019B04
	O.D. Ground Special Shape	4019B0G
	EDM Required Special Shape	4019B0E

HEAD UNIT		
	All shapes	4099B10

PUNCH (H-PM®)		
	Round	4029B01
	Square	4029B02
	Rectangle	4029B03
	Oblong	4029B04
	O.D. Ground Special Shape	4029B0G
	EDM Required Special Shape	4029B0E

PUNCH GUIDE		
	All shapes	4039B05

STRIPPER		
	Round	4049B01
	Square	4049B02
	Rectangle	4049B03
	Oblong	4049B04
	O.D. Ground Special Shape	4049B0G
	EDM Required Special Shape	4049B0E

DIE (HWS)		
	Round	4052B01
	Square	4052B02
	Rectangle	4052B03
	Oblong	4052B04
	O.D. Ground Special Shape	4052B0G
	EDM Required Special Shape	4052B0E

SPARE PARTS		
O-Ring (in punch guide)		4092B51
PU ejector Ø 3x6 (in punch)		4092P03
PU ejector Ø 6x10 (in punch)		4092P06

COMPENSATING SHIM FOR PUNCH		
Not necessary		

SET OF COMPENSATING SHIMS FOR DIE		
1x0,4 mm/1x0,8 mm/1x1,2 mm		499B1M1
Shimkeeper (0,5 mm)		499B1M95

PUNCH OPTIONS

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Cutting part under 1,00 mm

PUNCH GUIDE OPTIONS

- Additional keyway

DIE OPTIONS

- Reinforced die
- H-PM® Quality
- ps:®tornado-die (vacuum-style)
- Additional pin hole



Head unit
for PDC-system
(without extra charge)
Part.-no. „see left“-PDC e.g.:
4099B10-PDC



ps:®beta-compact I STATION B

DIAMETER UP TO 31,75 MM



PART-NO.

PUNCH ASSEMBLY

Round	4016B01
Square	4016B02
Rectangle	4016B03
Oblong	4016B04
O.D. Ground Special Shape	4016B0G
EDM Required Special Shape	4016B0E

HEAD UNIT

All shapes	4094B10
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PUNCH (H-PM®)

Round	4024B01
Square	4024B02
Rectangle	4024B03
Oblong	4024B04
O.D. Ground Special Shape	4024B0G
EDM Required Special Shape	4024B0E

PUNCH GUIDE

Round	4036B01
Square	4036B02
Rectangle	4036B03
Oblong	4036B04
O.D. Ground Special Shape	4036B0G
EDM Required Special Shape	4036B0E

DIE (HWS)

Round	4052B01
Square	4052B02
Rectangle	4052B03
Oblong	4052B04
O.D. Ground Special Shape	4052B0G
EDM Required Special Shape	4052B0E

SPARE PARTS

O-Ring (in punch guide)	4092B51
PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

PUNCH OPTIONS

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Cutting part under 1,00 mm

COMPENSATING SHIM FOR PUNCH

Not necessary

PUNCH GUIDE OPTIONS

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE

1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1
Shimkeeper (0,5 mm)	499B1M95

DIE OPTIONS

- Reinforced die
- H-PM® Quality
- Additional pin hole

ps:® beta-compact ABS I STATION B

DIAMETER UP TO 31,75 MM



Head unit
for PDC-system
(without extra charge)
Part.-no. „see left“-PDC e.g.:
4095B10-PDC



PART-NO.

PUNCH ASSEMBLY

Round	4018B01
Square	4018B02
Rectangle	4018B03
Oblong	4018B04
O.D. Ground Special Shape	4018B0G
EDM Required Special Shape	4018B0E

HEAD UNIT

All shapes	4095B10
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PUNCH (H-PM®)

Round	4025B01
Square	4025B02
Rectangle	4025B03
Oblong	4025B04
O.D. Ground Special Shape	4025B0G
EDM Required Special Shape	4025B0E

PUNCH GUIDE

Round	4038B01
Square	4038B02
Rectangle	4038B03
Oblong	4038B04
O.D. Ground Special Shape	4038B0G
EDM Required Special Shape	4038B0E

DIE (HWS)

Round	4052B01
Square	4052B02
Rectangle	4052B03
Oblong	4052B04
O.D. Ground Special Shape	4052B0G
EDM Required Special Shape	4052B0E

SPARE PARTS

O-Ring (in punch guide)	4092B51
PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

PUNCH OPTIONS

TICN coating (working with stainless steel)
T-MAX coating (working with galvanised sheet / zincor)
A-MAX coating (working with aluminum)
WT-shear (whisper shear)
DOWT-shear (rooftop shear)
2 PT-shear (inverted rooftop shear)
4 PT-shear (inverted cross shear)
Cutting part under 1,00 mm

COMPENSATING SHIM FOR PUNCH

Not necessary

PUNCH GUIDE OPTIONS

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE

1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1
Shimkeeper (0,5 mm)	499B1M95

DIE OPTIONS

Reinforced die
H-PM® Quality
ps:®tornado-die (vacuum-style)
Additional pin hole

PASS STANDARD I STATION C

DIAMETER UP TO 50,8 MM



PART NO.

GUIDE ASSEMBLY	
All shapes	499C01

PUNCH (H-PM®)	
Round	4022C01
Square	4022C02
Rectangle	4022C03
Oblong	4022C04
O.D. Ground Special Shape	4022C0G
EDM Required Special Shape	4022C0E

STRIPPER	
Round	4032C01
Square	4032C02
Rectangle	4032C03
Oblong	4032C04
O.D. Ground Special Shape	4032C0G
EDM Required Special Shape	4032C0E

DIE (HWS)	
Round	4052C01
Square	4052C02
Rectangle	4052C03
Oblong	4052C04
O.D. Ground Special Shape	4052C0G
EDM Required Special Shape	4052C0E

SPARE PARTS

PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06
Set clamps with screws	499C71
Guiding key with screws	499C63

PUNCH OPTIONS

TICN coating (working with stainless steel)
T-MAX coating (working with galvanised sheet / zincor)
A-MAX coating (working with aluminum)
WT-shear (whisper shear)
DOWT-shear (rooftop shear)
2 PT-shear (inverted rooftop shear)
4 PT-shear (inverted cross shear)
Additional keyway
Cutting part under 1,00 mm

SET OF COMPENSATING SHIMS FOR PUNCH

1x0,4 mm/1x0,8 mm/1x1,2 mm	499C1S1
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PUNCH GUIDE OPTIONS

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE

1x0,4 mm/1x0,8 mm/1x1,2 mm	499C2M1
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DIE OPTIONS

H-PM® Quality
Additional keyway

ps:®alpha-V2 ABS I STATION C

DIAMETER UP TO 50,8 MM

PART NO.

GUIDE ASSEMBLY		
All shapes	4031C01	

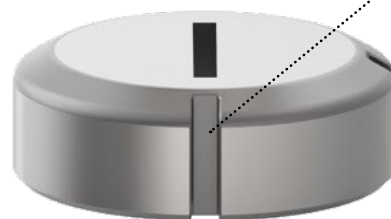
PUNCH (H-PM®)		
Round	4021C01	
Square	4021C02	
Rectangle	4021C03	
Oblong	4021C04	
O.D. Ground Special Shape	4021C0G	
EDM Required Special Shape	4021C0E	

STRIPPER		
Round	4041C01	
Square	4041C02	
Rectangle	4041C03	
Oblong	4041C04	
O.D. Ground Special Shape	4041C0G	
EDM Required Special Shape	4041C0E	

DIE (HWS)		
Round	4052C01	
Square	4052C02	
Rectangle	4052C03	
Oblong	4052C04	
O.D. Ground Special Shape	4052C0G	
EDM Required Special Shape	4052C0E	



Additional costs for die with keyway for PDC-system on request
Part-No.: „see left“ -2 (e.g.: 4052C04-2)



SPARE PARTS		
PU ejector Ø 3x6 (in punch)	4092P03	
PU ejector Ø 6x10 (in punch)	4092P06	

PUNCH OPTIONS	
TICN coating (working with stainless steel)	
T-MAX coating (working with galvanised sheet / zincor)	
A-MAX coating (working with aluminum)	
WT-shear (whisper shear)	
DOWT-shear (rooftop shear)	
2 PT-shear (inverted rooftop shear)	
4 PT-shear (inverted cross shear)	
Additional keyway	
Cutting part under 1,00 mm	

COMPENSATING SHIM FOR PUNCH		
Not necessary		

SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499C2M1		H-PM® Quality	
			Additional keyway	

ps:®beta-V2® | STATION C

DIAMETER UP TO 50,8 MM



PART-NO.

GUIDE ASSEMBLY	
All shapes	4030C01

PUNCH (H-PM®)	
Round	4020C01
Square	4020C02
Rectangle	4020C03
Oblong	4020C04
O.D. Ground Special Shape	4020C0G
EDM Required Special Shape	4020C0E

STRIPPER	
Round	4040C01
Square	4040C02
Rectangle	4040C03
Oblong	4040C04
O.D. Ground Special Shape	4040C0G
EDM Required Special Shape	4040C0E

DIE (HWS)	
Round	4052C01
Square	4052C02
Rectangle	4052C03
Oblong	4052C04
O.D. Ground Special Shape	4052C0G
EDM Required Special Shape	4052C0E

SPARE PARTS	PUNCH OPTIONS
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PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Additional keyway
- Cutting part under 1,00 mm

COMPENSATING SHIM FOR PUNCH	PUNCH GUIDE OPTIONS
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Not necessary

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE	DIE OPTIONS
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1x0,4 mm/1x0,8 mm/1x1,2 mm	499C2M1
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- H-PM® Quality
- Additional keyway

ps:®beta-V2® ABS I STATION C

DIAMETER UP TO 50,8 MM

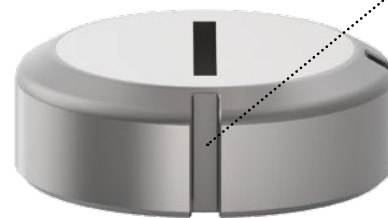
PART NO.

GUIDE ASSEMBLY		
All shapes	4039C01	

PUNCH (H-PM®)		
Round	4029C01	
Square	4029C02	
Rectangle	4029C03	
Oblong	4029C04	
O.D. Ground Special Shape	4029C0G	
EDM Required Special Shape	4029C0E	

STRIPPER		
Round	4049C01	
Square	4049C02	
Rectangle	4049C03	
Oblong	4049C04	
O.D. Ground Special Shape	4049C0G	
EDM Required Special Shape	4049C0E	

DIE (HWS)		
Round	4052C01	
Square	4052C02	
Rectangle	4052C03	
Oblong	4052C04	
O.D. Ground Special Shape	4052C0G	
EDM Required Special Shape	4052C0E	



Additional costs for die with keyway for PDC-system on request
Part-No.: „see left“ -2 (e.g.: 4052C04-2)

SPARE PARTS		
PU ejector Ø 3x6 (in punch)	4092P03	
PU ejector Ø 6x10 (in punch)	4092P06	

PUNCH OPTIONS	
TICN coating (working with stainless steel)	
T-MAX coating (working with galvanised sheet / zincor)	
A-MAX coating (working with aluminum)	
WT-shear (whisper shear)	
DOWT-shear (rooftop shear)	
2 PT-shear (inverted rooftop shear)	
4 PT-shear (inverted cross shear)	
Additional keyway	
Cutting part under 1,00 mm	

COMPENSATING SHIM FOR PUNCH		
Not necessary		

PUNCH GUIDE OPTIONS	
Additional keyway	

SET OF COMPENSATING SHIMS FOR DIE		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499C2M1	

DIE OPTIONS	
H-PM® Quality	
Additional keyway	

ps:®beta-V2® SLITTING TOOL I STATION C



PART-NO.

GUIDE ASSEMBLY		
All shapes	4030C01	
SLITTING PUNCH HOLDER		
All shapes	4220CT00	
SLITTING PUNCH (MAX. 6,35X50) H-PM®)		
Rectangle	4020CT03	
Oblong	4020CT04	
Trapezoid G09	4020CT0G	
Double Trapezoid E03	4020CT0E	
STRIPPER		
Rectangle	4040CT03	
Oblong	4040CT04	
Trapezoid G09	4040CT0G	
Double Trapezoid E03	4040CT0E	
REVERSIBLE PLATE HOLDER		
	4390CT00	
REVERSIBLE PLATE (H-PM®)		
Rectangle	4052CT03	
Oblong	4052CT04	
Trapezoid G09	4052CT0G	
Double Trapezoid E03	4052CT0E	

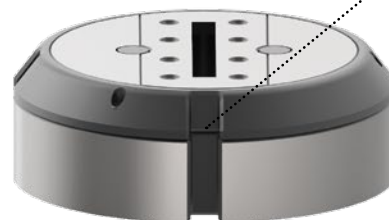
SPARE PARTS		PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	TiCN coating (working with stainless steel)	
PU ejector Ø 6x10 (in punch)	4092P06	T-MAX coating (working with galvanised sheet / zincor)	
		A-MAX coating (working with aluminum)	
		WT-shear (whisper shear)	
		DOWT-shear (rooftop shear)	
		2 PT-shear (inverted rooftop shear)	
		4 PT-shear (inverted cross shear)	
		Additional keyway	
		Cutting part under 1,00 mm	
COMPENSATING SHIM FOR SLITTING PUNCH HOLDER		PUNCH GUIDE OPTIONS	
Not necessary		Additional keyway	
SET OF COMPENSATING SHIMS FOR REVERSIBLE PLATE		DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499CT60	Additional keyway	

ps:®beta-V2® ABS SLITTING TOOL I STATION C

	PART NO.
GUIDE ASSEMBLY	
All shapes	4039C01
SLITTING PUNCH HOLDER	
All shapes	4229CT00
SLITTING PUNCH (MAX. 6,35X50) H-PM®)	
Rectangle	4029CT03
Oblong	4029CT04
Trapezoid G09	4029CT0G
Double Trapezoid E03	4029CT0E
STRIPPER	
Rectangle	4049CT03
Oblong	4049CT04
Trapezoid G09	4049CT0G
Double Trapezoid E03	4049CT0E
REVERSIBLE PLATE HOLDER	
	4399CT00
REVERSIBLE PLATE (H-PM®)	
Rectangle	4052CT03
Oblong	4052CT04
Trapezoid G09	4052CT0G
Double Trapezoid E03	4052CT0E



Additional costs for die with keyway for PDC-system on request
Part-No.: „see left“ -2 (e.g.: 4399CT00-2)



SPARE PARTS		PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	TICN coating (working with stainless steel)	
PU ejector Ø 6x10 (in punch)	4092P06	T-MAX coating (working with galvanised sheet / zincor)	
		A-MAX coating (working with aluminum)	
		WT-shear (whisper shear)	
		DOWT-shear (rooftop shear)	
		2 PT-shear (inverted rooftop shear)	
		4 PT-shear (inverted cross shear)	
		Additional keyway	
		Cutting part under 1,00 mm	
COMPENSATING SHIM FOR SLITTING PUNCH HOLDER		PUNCH GUIDE OPTIONS	
Not necessary		Additional keyway	
SET OF COMPENSATING SHIMS FOR REVERSIBLE PLATE		DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499CT60	Additional keyway	

PASS STANDARD I STATION D

DIAMETER UP TO 88,9 MM



PART-NO.

GUIDE ASSEMBLY		
	All shapes	499D01

PUNCH (H-PM®)		
	Round	4022D01
	Square	4022D02
	Rectangle	4022D03
	Oblong	4022D04
	O.D. Ground Special Shape	4022D0G
	EDM Required Special Shape	4022D0E

STRIPPER		
	Round	4032D01
	Square	4032D02
	Rectangle	4032D03
	Oblong	4032D04
	O.D. Ground Special Shape	4032D0G
	EDM Required Special Shape	4032D0E

DIE (HWS)		
	Round	4052D01
	Square	4052D02
	Rectangle	4052D03
	Oblong	4052D04
	O.D. Ground Special Shape	4052D0G
	EDM Required Special Shape	4052D0E

SPARE PARTS

PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06
Set clamps with screws	499D71
Guiding key with screws	499D63

PUNCH OPTIONS

TICN coating (working with stainless steel)
T-MAX coating (working with galvanised sheet / zincor)
A-MAX coating (working with aluminum)
WT-shear (whisper shear)
DOWT-shear (rooftop shear)
2 PT-shear (inverted rooftop shear)
4 PT-shear (inverted cross shear)
Additional keyway
Cutting part under 1,00 mm

SET OF COMPENSATING SHIMS FOR PUNCH

1x0,4 mm/1x0,8 mm/1x1,2 mm	499D3S1
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PUNCH GUIDE OPTIONS

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE

1x0,4 mm/1x0,8 mm/1x1,2 mm	499D2M1
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DIE OPTIONS

H-PM® Quality
Additional keyway

ps:®alpha-V2 ABS I STATION D

DIAMETER UP TO 88,9 MM

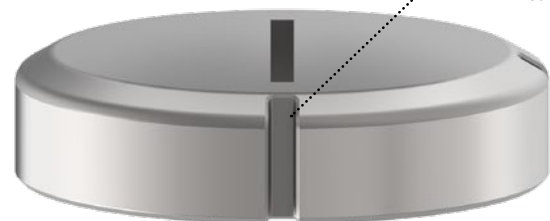
PART NO.

GUIDE ASSEMBLY		
All shapes	4031D01	

PUNCH (H-PM®)		
Round	4021D01	
Square	4021D02	
Rectangle	4021D03	
Oblong	4021D04	
O.D. Ground Special Shape	4021D0G	
EDM Required Special Shape	4021D0E	

STRIPPER		
Round	4041D01	
Square	4041D02	
Rectangle	4041D03	
Oblong	4041D04	
O.D. Ground Special Shape	4041D0G	
EDM Required Special Shape	4041D0E	

DIE (HWS)		
Round	4052D01	
Square	4052D02	
Rectangle	4052D03	
Oblong	4052D04	
O.D. Ground Special Shape	4052D0G	
EDM Required Special Shape	4052D0E	



Additional costs for die with keyway for PDC-system on request
Part-No.: „see left“ -2 (e.g.: 4052D04-2)

SPARE PARTS		
PU ejector Ø 3x6 (in punch)	4092P03	
PU ejector Ø 6x10 (in punch)	4092P06	

PUNCH OPTIONS	
TICN coating (working with stainless steel)	
T-MAX coating (working with galvanised sheet / zincor)	
A-MAX coating (working with aluminum)	
WT-shear (whisper shear)	
DOWT-shear (rooftop shear)	
2 PT-shear (inverted rooftop shear)	
4 PT-shear (inverted cross shear)	
Additional keyway	
Cutting part under 1,00 mm	

COMPENSATING SHIM FOR PUNCH		
Not necessary		

SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499D2M1		H-PM® Quality	
			Additional keyway	

ps:®beta-V2® I STATION D

DIAMETER UP TO 88,9 MM



PART-NO.

GUIDE ASSEMBLY	
All shapes	4030D01

PUNCH (H-PM®)	
Round	4020D01
Square	4020D02
Rectangle	4020D03
Oblong	4020D04
O.D. Ground Special Shape	4020D0G
EDM Required Special Shape	4020D0E

STRIPPER	
Round	4040D01
Square	4040D02
Rectangle	4040D03
Oblong	4040D04
O.D. Ground Special Shape	4040D0G
EDM Required Special Shape	4040D0E

DIE (HWS)	
Round	4052D01
Square	4052D02
Rectangle	4052D03
Oblong	4052D04
O.D. Ground Special Shape	4052D0G
EDM Required Special Shape	4052D0E

SPARE PARTS	PUNCH OPTIONS
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PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Additional keyway
- Cutting part under 1,00 mm

COMPENSATING SHIM FOR PUNCH	PUNCH GUIDE OPTIONS
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Not necessary

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE	DIE OPTIONS
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1x0,4 mm/1x0,8 mm/1x1,2 mm	499D2M1
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- H-PM® Quality
- Additional keyway

ps:®beta-V2® ABS I STATION D

DIAMETER UP TO 88,9 MM

	PART NO.
GUIDE ASSEMBLY	
All shapes	4039D01
PUNCH (H-PM®)	
Round	4029D01
Square	4029D02
Rectangle	4029D03
Oblong	4029D04
O.D. Ground Special Shape	4029D0G
EDM Required Special Shape	4029D0E
STRIPPER	
Round	4049D01
Square	4049D02
Rectangle	4049D03
Oblong	4049D04
O.D. Ground Special Shape	4049D0G
EDM Required Special Shape	4049D0E
DIE (HWS)	
Round	4052D01
Square	4052D02
Rectangle	4052D03
Oblong	4052D04
O.D. Ground Special Shape	4052D0G
EDM Required Special Shape	4052D0E



Additional costs for die with keyway for PDC-system on request
Part-No.: „see left“ -2 (e.g.: 4052D04-2)

SPARE PARTS		PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	TICN coating (working with stainless steel)	
PU ejector Ø 6x10 (in punch)	4092P06	T-MAX coating (working with galvanised sheet / zincor)	
		A-MAX coating (working with aluminum)	
		WT-shear (whisper shear)	
		DOWT-shear (rooftop shear)	
		2 PT-shear (inverted rooftop shear)	
		4 PT-shear (inverted cross shear)	
		Additional keyway	
		Cutting part under 1,00 mm	
COMPENSATING SHIM FOR PUNCH		PUNCH GUIDE OPTIONS	
Not necessary		Additional keyway	
SET OF COMPENSATING SHIMS FOR DIE		DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499D2M1	H-PM® Quality	
		Additional keyway	

ps:®beta-V2® SLITTING TOOL I STATION D



PART NO.

GUIDE ASSEMBLY		
	All shapes	4030D01

SLITTING PUNCH HOLDER		
	All shapes	4220DT00

SLITTING PUNCH (MAX. 6,35X85) / (H-PM®)		
	Rectangle	4020DT03
	Oblong	4020DT04
	Trapezoid G09	4020DT0G
	Double Trapezoid E03	4020DT0E

STRIPPER		
	Rectangle	4040DT03
	Oblong	4040DT04
	Trapezoid G09	4040DT0G
	Double Trapezoid E03	4040DT0E

REVERSIBLE PLATE HOLDER		
		4390DT00

REVERSIBLE PLATE (H-PM®)		
	Rectangle	4052DT03
	Oblong	4052DT04
	Trapezoid G09	4052DT0G
	Double Trapezoid E03	4052DT0E

SPARE PARTS		PUNCH OPTIONS	
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PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Additional keyway
- Cutting part under 1,00 mm

COMPENSATING SHIM FOR SLITTING PUNCH HOLDER		PUNCH GUIDE OPTIONS	
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Not necessary

Additional keyway

SET OF COMPENSATING SHIMS FOR REVERSIBLE PLATE		DIE OPTIONS	
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1x0,4 mm/1x0,8 mm/1x1,2 mm	499DT60
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Additional keyway

ps:®beta-V2® ABS SLITTING TOOL | STATION D

	PART-NO.
GUIDE ASSEMBLY	
All shapes	4039D01
SLITTING PUNCH HOLDER	
All shapes	4229DT00
SLITTING PUNCH (MAX. 6,35X85) / (H-PM®)	
Rectangle	4029DT03
Oblong	4029DT04
Trapezoid G09	4029DT0G
Double Trapezoid E03	4029DT0E
STRIPPER	
Rectangle	4049DT03
Oblong	4049DT04
Trapezoid G09	4049DT0G
Double Trapezoid E03	4049DT0E
REVERSIBLE PLATE HOLDER	
	4399DT00
REVERSIBLE PLATE (H-PM®)	
Rectangle	4052DT03
Oblong	4052DT04
Trapezoid G09	4052DT0G
Double Trapezoid E03	4052DT0E



Additional costs for die with keyway for PDC-system on request
Part-No.: „see left“ -2 (e.g.: 4399DT00-2)

SPARE PARTS		PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	TICN coating (working with stainless steel)	
PU ejector Ø 6x10 (in punch)	4092P06	T-MAX coating (working with galvanised sheet / zincor)	
		A-MAX coating (working with aluminum)	
		WT-shear (whisper shear)	
		DOWT-shear (rooftop shear)	
		2 PT-shear (inverted rooftop shear)	
		4 PT-shear (inverted cross shear)	
		Additional keyway	
		Cutting part under 1,00 mm	
COMPENSATING SHIM FOR SLITTING PUNCH HOLDER		PUNCH GUIDE OPTIONS	
Not necessary		Additional keyway	
SET OF COMPENSATING SHIMS FOR REVERSIBLE PLATE		DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499DT60	Additional keyway	

ps:®beta-V2® SLITTING TOOL I STATION D

CLOSE TO CLAMP



PART NO.

GUIDE ASSEMBLY		
	All shapes	4030DTP01

SLITTING PUNCH HOLDER		
	All shapes	4220DT00

SLITTING PUNCH (MAX. 6,35X85) / (H-PM®)		
	Rectangle	4020DT03
	Oblong	4020DT04
	Trapezoid G09	4020DT0G
	Double Trapezoid E03	4020DT0E

STRIPPER ONE-SIDED FREE		
	Rectangle	4040DTP03-1
	Oblong	4040DTP04-1
	Trapezoid G09	4040DTP0G-1
	Double Trapezoid E03	4040DTP0E-1

STRIPPER TWO-SIDED FREE		
	Rectangle	4040DTP03-2
	Oblong	4040DTP04-2
	Trapezoid G09	4040DTP0G-2
	Double Trapezoid E03	4040DTP0E-2

DIE ONE-SIDED FREE (HWS)		
	Rectangle	4052DTP03-1
	Oblong	4052DTP04-1
	Trapezoid G09	4052DTP0G-1
	Double Trapezoid E03	4052DTP0E-1

DIE TWO-SIDED FREE (HWS)		
	Rectangle	4052DTP03-2
	Oblong	4052DTP04-2
	Trapezoid G09	4052DTP0G-2
	Double Trapezoid E03	4052DTP0E-2

SPARE PARTS

PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

PUNCH OPTIONS

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Additional keyway
- Cutting part under 1,00 mm

COMPENSATING SHIM FOR SLITTING PUNCH HOLDER

Not necessary

PUNCH GUIDE OPTIONS

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE

1x0,4 mm/1x0,8 mm/1x1,2 mm	499D2M1
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DIE OPTIONS

- H-PM® Quality
- Additional keyway

ps:®beta-V2® ABS SLITTING TOOL | STATION D CLOSE TO CLAMP

	PART NO.
GUIDE ASSEMBLY	
All shapes	4039DTP01
SLITTING PUNCH HOLDER	
All shapes	4229DT00
SLITTING PUNCH (MAX. 6,35X85) / (H-PM®)	
Rectangle	4029DT03
Oblong	4029DT04
Trapezoid G09	4029DTP0G
Double Trapezoid E03	4029DT0E
STRIPPER ONE-SIDED FREE	
Rectangle	4049DTP03-1
Oblong	4049DTP04-1
Trapezoid G09	4049DTP0G-1
Double Trapezoid E03	4049DTP0E-1
STRIPPER TWO-SIDED FREE	
Rectangle	4049DTP03-2
Oblong	4049DTP04-2
Trapezoid G09	4049DTP0G-2
Double Trapezoid E03	4049DTP0E-2
DIE ONE-SIDED FREE (HWS)	
Rectangle	4052DTP03-1
Oblong	4052DTP04-1
Trapezoid G09	4052DTP0G-1
Double Trapezoid E03	4052DTP0E-1
DIE TWO-SIDED FREE (HWS)	
Rectangle	4052DTP03-2
Oblong	4052DTP04-2
Trapezoid G09	4052DTP0G-2
Double Trapezoid E03	4052DTP0E-2
SPARE PARTS	
PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06
SET OF COMPENSATING SHIMS FOR SLITTING PUNCH HOLDER	
Not necessary	
SET OF COMPENSATING SHIMS FOR DIE	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499D2M1



Additional costs for die with keyway for PDC-system on request
Part-No.: „see left“ -2 (e.g.: 4052DTP04-2-2)

PUNCH OPTIONS	
TICN coating (working with stainless steel)	
T-MAX coating (working with galvanised sheet / zincor)	
A-MAX coating (working with aluminum)	
WT-shear (whisper shear)	
DOWT-shear (rooftop shear)	
2 PT-shear (inverted rooftop shear)	
4 PT-shear (inverted cross shear)	
Additional keyway	
Cutting part under 1,00 mm	
PUNCH GUIDE OPTIONS	
Additional keyway	
DIE OPTIONS	
H-PM® Quality	
Additional keyway	

PASS STANDARD I STATION E

DIAMETER UP TO 114,3 MM

PART NO.



GUIDE ASSEMBLY	
All shapes	499E01

PUNCH (H-PM®)	
Round	4022E01
Square	4022E02
Rectangle	4022E03
Oblong	4022E04
O.D. Ground Special Shape	4022E0G
EDM Required Special Shape	4022E0E

STRIPPER	
Round	4032E01
Square	4032E02
Rectangle	4032E03
Oblong	4032E04
O.D. Ground Special Shape	4032E0G
EDM Required Special Shape	4032E0E

DIE (HWS)	
Round	4052E01
Square	4052E02
Rectangle	4052E03
Oblong	4052E04
O.D. Ground Special Shape	4052E0G
EDM Required Special Shape	4052E0E

SPARE PARTS

PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06
Set clamps with screws	499E71
Guiding key with screws	499E63

PUNCH OPTIONS

TICN coating (working with stainless steel)
T-MAX coating (working with galvanised sheet / zincor)
A-MAX coating (working with aluminum)
WT-shear (whisper shear)
DOWT-shear (rooftop shear)
2 PT-shear (inverted rooftop shear)
4 PT-shear (inverted cross shear)
Additional keyway
Cutting part under 1,00 mm

SET OF COMPENSATING SHIMS FOR PUNCH

1x0,4 mm/1x0,8 mm/1x1,2 mm	499E3S1
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PUNCH GUIDE OPTIONS

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE

1x0,4 mm/1x0,8 mm/1x1,2 mm	499E2M1
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DIE OPTIONS

H-PM® Quality
Additional keyway

ps:® alpha-V2 ABS I STATION E

DIAMETER UP TO 114,3 MM

PART NO.

GUIDE ASSEMBLY		
All shapes	4031E01	

PUNCH (H-PM®)		
Round	4021E01	
Square	4021E02	
Rectangle	4021E03	
Oblong	4021E04	
O.D. Ground Special Shape	4021E0G	
EDM Required Special Shape	4021E0E	

STRIPPER		
Round	4041E01	
Square	4041E02	
Rectangle	4041E03	
Oblong	4041E04	
O.D. Ground Special Shape	4041E0G	
EDM Required Special Shape	4041E0E	

DIE (HWS)		
Round	4052E01	
Square	4052E02	
Rectangle	4052E03	
Oblong	4052E04	
O.D. Ground Special Shape	4052E0G	
EDM Required Special Shape	4052E0E	



Additional costs for die with keyway for PDC-system on request

Part-No.: „see left“ -2 (e.g.: 4052E04-2)



SPARE PARTS		
PU ejector Ø 3x6 (in punch)	4092P03	
PU ejector Ø 6x10 (in punch)	4092P06	

PUNCH OPTIONS	
TICN coating (working with stainless steel)	
T-MAX coating (working with galvanised sheet / zincor)	
A-MAX coating (working with aluminum)	
WT-shear (whisper shear)	
DOWT-shear (rooftop shear)	
2 PT-shear (inverted rooftop shear)	
4 PT-shear (inverted cross shear)	
Additional keyway	
Cutting part under 1,00 mm	

COMPENSATING SHIM FOR PUNCH		
Not necessary		

SET OF COMPENSATING SHIMS FOR DIE		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499E2M1	

DIE OPTIONS	
H-PM® Quality	
Additional keyway	

ps:®beta-V2® I STATION E

DIAMETER UP TO 114,3 MM



PART-NO.

GUIDE ASSEMBLY		
	All shapes	4030E01

PUNCH (H-PM®)		
	Round	4020E01
	Square	4020E02
	Rectangle	4020E03
	Oblong	4020E04
	O.D. Ground Special Shape	4020E0G
	EDM Required Special Shape	4020E0E

STRIPPER		
	Round	4040E01
	Square	4040E02
	Rectangle	4040E03
	Oblong	4040E04
	O.D. Ground Special Shape	4040E0G
	EDM Required Special Shape	4040E0E

DIE (HWS)		
	Round	4052E01
	Square	4052E02
	Rectangle	4052E03
	Oblong	4052E04
	O.D. Ground Special Shape	4052E0G
	EDM Required Special Shape	4052E0E

SPARE PARTS

PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

PUNCH OPTIONS

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Additional keyway
- Cutting part under 1,00 mm

COMPENSATING SHIM FOR PUNCH

Not necessary

PUNCH GUIDE OPTIONS

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE

1x0,4 mm/1x0,8 mm/1x1,2 mm	499E2M1
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DIE OPTIONS

- H-PM® Quality
- Additional keyway

ps:® beta-V2® ABS I STATION E

DIAMETER UP TO 114,3 MM

PART NO.

GUIDE ASSEMBLY		
	All shapes	4039E01

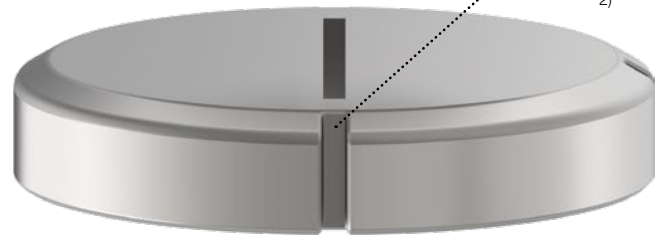
PUNCH (H-PM®)		
	Round	4029E01
	Square	4029E02
	Rectangle	4029E03
	Oblong	4029E04
	O.D. Ground Special Shape	4029E0G
	EDM Required Special Shape	4029E0E

STRIPPER		
	Round	4049E01
	Square	4049E02
	Rectangle	4049E03
	Oblong	4049E04
	O.D. Ground Special Shape	4049E0G
	EDM Required Special Shape	4049E0E

DIE (HWS)		
	Round	4052E01
	Square	4052E02
	Rectangle	4052E03
	Oblong	4052E04
	O.D. Ground Special Shape	4052E0G
	EDM Required Special Shape	4052E0E



Additional costs for die with keyway for PDC-system on request
Part-No.: „see left“ -2 (e.g.: 4052E04-2)



SPARE PARTS		
PU ejector Ø 3x6 (in punch)		4092P03
PU ejector Ø 6x10 (in punch)		4092P06

PUNCH OPTIONS	
TICN coating (working with stainless steel)	
T-MAX coating (working with galvanised sheet / zincor)	
A-MAX coating (working with aluminum)	
WT-shear (whisper shear)	
DOWT-shear (rooftop shear)	
2 PT-shear (inverted rooftop shear)	
4 PT-shear (inverted cross shear)	
Additional keyway	
Cutting part under 1,00 mm	

COMPENSATING SHIM FOR PUNCH		
Not necessary		

PUNCH GUIDE OPTIONS	
Additional keyway	

SET OF COMPENSATING SHIMS FOR DIE		
1x0,4 mm/1x0,8 mm/1x1,2 mm		499E2M1

DIE OPTIONS	
H-PM® Quality	
Additional keyway	

ps:®beta-V2® SLITTING TOOL | STATION E



PART NO.

GUIDE ASSEMBLY		
	All shapes	4030E01
SLITTING PUNCH HOLDER		
	All shapes	4220ET00
SLITTING PUNCH (MAX. 6,35X111) / (H-PM®)		
	Rectangle	4020ET03
	Oblong	4020ET04
	Trapezoid G09	4020ET0G
	Double Trapezoid E03	4020ET0E
STRIPPER		
	Rectangle	4040ET03
	Oblong	4040ET04
	Trapezoid G09	4040ET0G
	Double Trapezoid E03	4040ET0E
REVERSIBLE PLATE HOLDER		
		4390ET00
REVERSIBLE PLATE (H-PM®)		
	Rectangle	4052ET03
	Oblong	4052ET04
	Trapezoid G09	4052ET0G
	Double Trapezoid E03	4052ET0E

SPARE PARTS		PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	TICN coating (working with stainless steel)	
PU ejector Ø 6x10 (in punch)	4092P06	T-MAX coating (working with galvanised sheet / zincor)	
		A-MAX coating (working with aluminum)	
		WT-shear (whisper shear)	
		DOWT-shear (rooftop shear)	
		2 PT-shear (inverted rooftop shear)	
		4 PT-shear (inverted cross shear)	
		Additional keyway	
		Cutting part under 1,00 mm	
COMPENSATING SHIM FOR SLITTING PUNCH HOLDER		PUNCH GUIDE OPTIONS	
Not necessary		Additional keyway	
SET OF COMPENSATING SHIMS FOR REVERSIBLE PLATE		DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499ET60	Additional keyway	

ps:®beta-V2® ABS SLITTING TOOL | STATION E

PART NO.

GUIDE ASSEMBLY		
All shapes	4039E01	

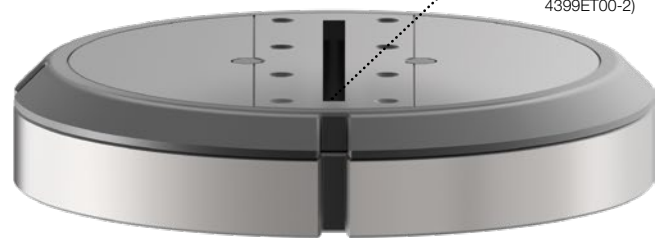
SLITTING PUNCH HOLDER		
All shapes	4229ET00	

SLITTING PUNCH (MAX. 6,35X111) / (H-PM®)		
Rectangle	4029ET03	
Oblong	4029ET04	
Trapezoid G09	4029ET0G	
Double Trapezoid E03	4029ET0E	

STRIPPER		
Rectangle	4049ET03	
Oblong	4049ET04	
Trapezoid G09	4049ET0G	
Double Trapezoid E03	4049ET0E	

REVERSIBLE PLATE HOLDER		
	4399ET00	

REVERSIBLE PLATE (H-PM®)		
Rectangle	4052ET03	
Oblong	4052ET04	
Trapezoid G09	4052ET0G	
Double Trapezoid E03	4052ET0E	



Additional costs for die with keyway for PDC-system on request
Part-No.: „see left“ -2 (e.g.: 4399ET00-2)

SPARE PARTS		
PU ejector Ø 3x6 (in punch)	4092P03	
PU ejector Ø 6x10 (in punch)	4092P06	

PUNCH OPTIONS	
TICN coating (working with stainless steel)	
T-MAX coating (working with galvanised sheet / zincor)	
A-MAX coating (working with aluminum)	
WT-shear (whisper shear)	
DOWT-shear (rooftop shear)	
2 PT-shear (inverted rooftop shear)	
4 PT-shear (inverted cross shear)	
Additional keyway	
Cutting part under 1,00 mm	

SET OF COMPENSATING SHIMS FOR SLITTING PUNCH HOLDER		
Not necessary		

PUNCH GUIDE OPTIONS	
Additional keyway	

SET OF COMPENSATING SHIMS FOR REVERSIBLE PLATE		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499ET60	

DIE OPTIONS	
Additional keyway	

ps:®beta-V2® SLITTING TOOL I STATION E CLOSE TO CLAMP

PART-NO.



GUIDE ASSEMBLY		
	All shapes	4030ETP01

SLITTING PUNCH HOLDER		
	All shapes	4220ET00

SLITTING PUNCH (MAX. 6,35X111) / (H-PM®)		
	Rectangle	4020ET03
	Oblong	4020ET04
	Trapezoid G09	4020ET0G
	Double Trapezoid E03	4020ET0E

STRIPPER ONE-SIDED FREE		
	Rectangle	4040ETP03-1
	Oblong	4040ETP04-1
	Trapezoid G09	4040ETP0G-1
	Double Trapezoid E03	4040ETP0E-1

STRIPPER TWO-SIDED FREE		
	Rectangle	4040ETP03-2
	Oblong	4040ETP04-2
	Trapezoid G09	4040ETP0G-2
	Double Trapezoid E03	4040ETP0E-2

DIE ONE-SIDED FREE (HWS)		
	Rectangle	4052ETP03-1
	Oblong	4052ETP04-1
	Trapezoid G09	4052ETP0G-1
	Double Trapezoid E03	4052ETP0E-1

DIE TWO-SIDED FREE (HWS)		
	Rectangle	4052ETP03-2
	Oblong	4052ETP04-2
	Trapezoid G09	4052ETP0G-2
	Double Trapezoid E03	4052ETP0E-2

SPARE PARTS		PUNCH OPTIONS	
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PU ejector Ø 3x6 (in punch)	4092P03
PU ejector Ø 6x10 (in punch)	4092P06

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Additional keyway
- Cutting part under 1,00 mm

COMPENSATING SHIM FOR SLITTING PUNCH HOLDER		PUNCH GUIDE OPTIONS	
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Not necessary

Additional keyway

SET OF COMPENSATING SHIMS FOR DIE		DIE OPTIONS	
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1x0,4 mm/1x0,8 mm/1x1,2 mm	499E2M1
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- H-PM® Quality
- Additional keyway

ps:®beta-V2® ABS SLITTING TOOL | STATION E CLOSE TO CLAMP

PART-NO.

GUIDE ASSEMBLY		
All shapes	4039ETP01	

SLITTING PUNCH HOLDER		
All shapes	4229ET00	

SLITTING PUNCH (MAX. 6,35X111) / (H-PM®)		
Rectangle	4029ET03	
Oblong	4029ET04	
Trapezoid G09	4029ET0G	
Double Trapezoid E03	4029ET0E	

STRIPPER ONE-SIDED FREE		
Rectangle	4049ETP03-1	
Oblong	4049ETP04-1	
Trapezoid G09	4049ETP0G-1	
Double Trapezoid E03	4049ETP0E-1	

STRIPPER TWO-SIDED FREE		
Rectangle	4049ETP03-2	
Oblong	4049ETP04-2	
Trapezoid G09	4049ETP0G-2	
Double Trapezoid E03	4049ETP0E-2	

DIE ONE-SIDED FREE (HWS)		
Rectangle	4052ETP03-1	
Oblong	4052ETP04-1	
Trapezoid G09	4052ETP0G-1	
Double Trapezoid E03	4052ETP0E-1	

DIE TWO-SIDED FREE (HWS)		
Rectangle	4052ETP03-2	
Oblong	4052ETP04-2	
Trapezoid G09	4052ETP0G-2	
Double Trapezoid E03	4052ETP0E-2	

SPARE PARTS		
PU ejector Ø 3x6 (in punch)	4092P03	
PU ejector Ø 6x10 (in punch)	4092P06	

COMPENSATING SHIM FOR SLITTING PUNCH HOLDER		
Not necessary		

SET OF COMPENSATING SHIMS FOR DIE		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499E2M1	



PUNCH OPTIONS

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Additional keyway
- Cutting part under 1,00 mm

PUNCH GUIDE OPTIONS

- Additional keyway

DIE OPTIONS

- H-PM® Quality
- Additional keyway



SPECIAL TOOLS

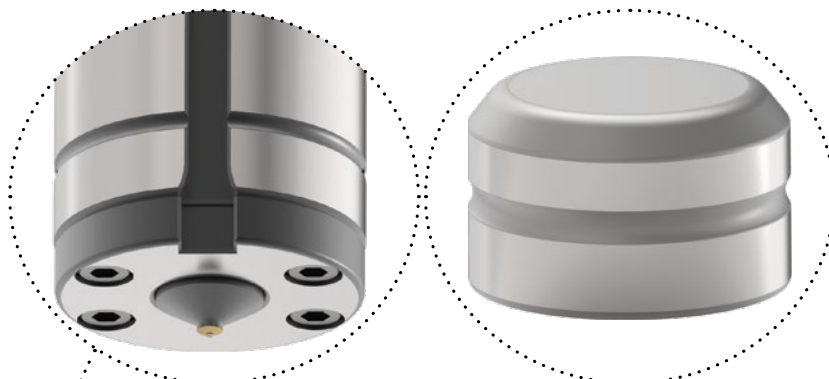
PASS EXTRA TOOLS FOR YOUR
THICK TURRET SYSTEM

INDEX

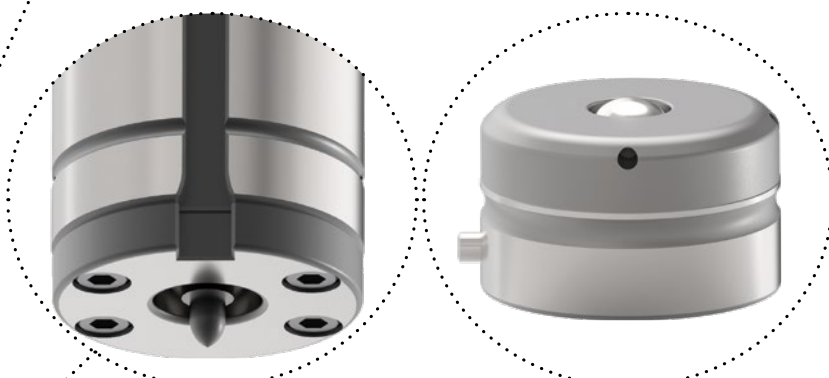
ps:®marking-all-in-one

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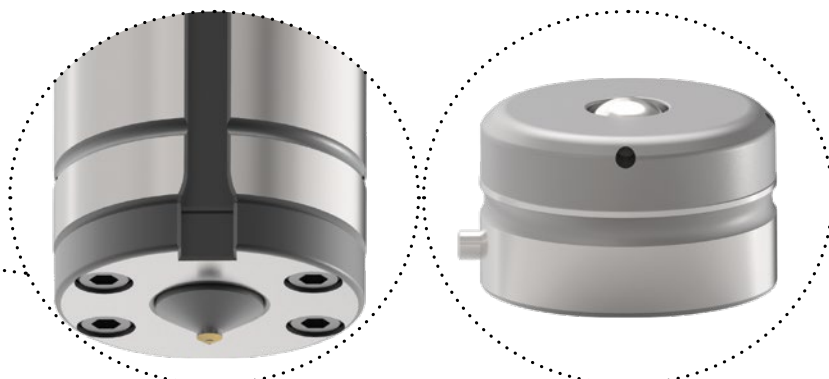
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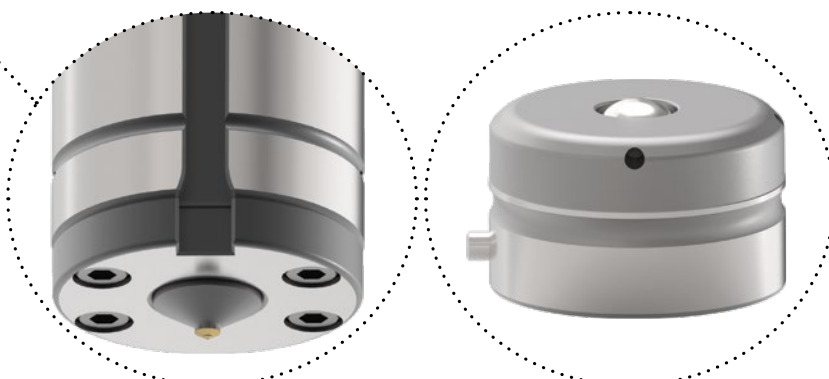
SIGNING AND CENTRE PUNCH TOOL



MARKING TOOL



ENGRAVING TOOL



FOIL TEARING TOOL



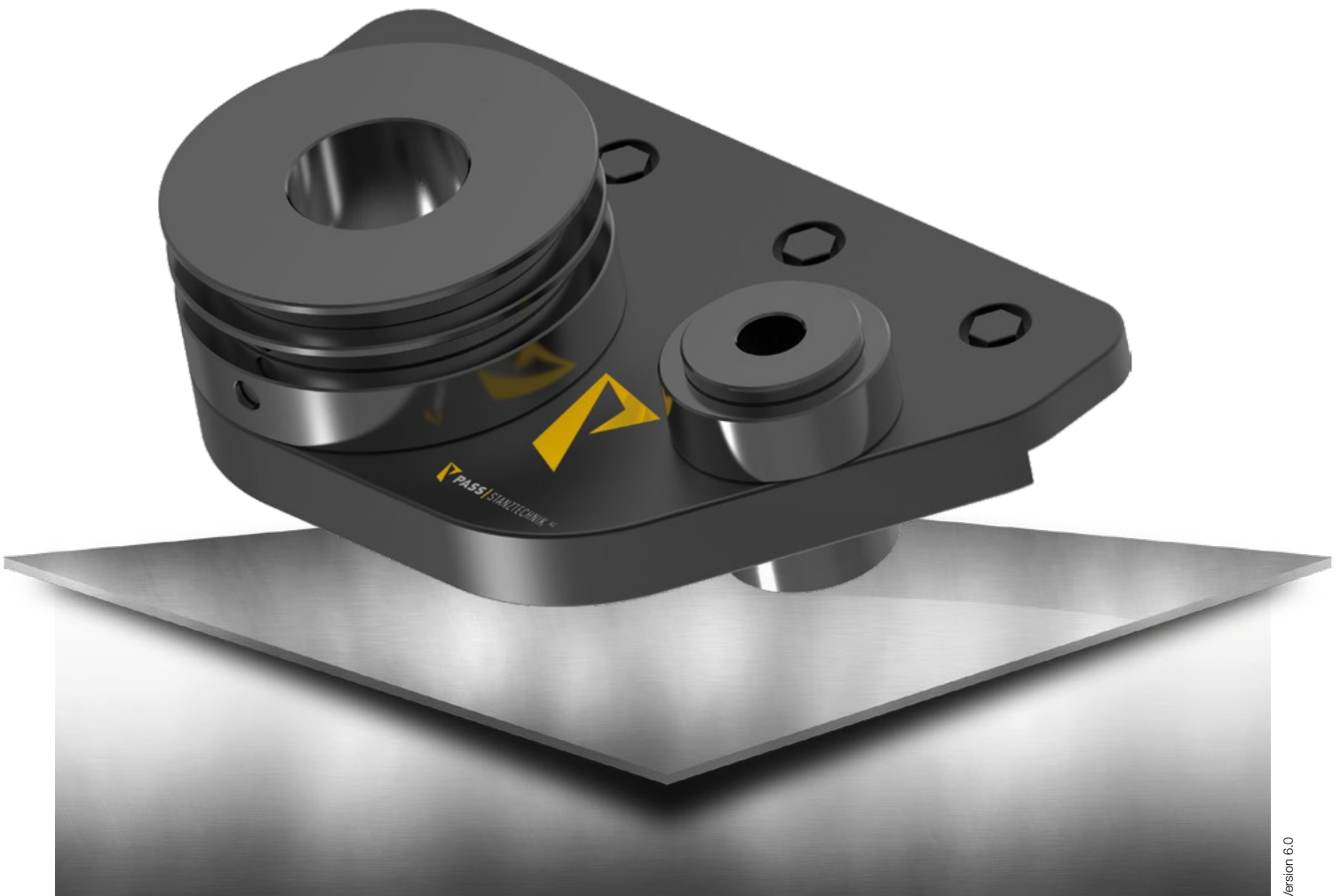
PART NO.

ps:®marking-all-in-one	Complete set	499104000
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SPARE PARTS

Center punch needle made of H-PM®	199103930
Engraving needle with diamond point	199103962
Foil tearing needle made of brass	199103940
Marking pen	499104036



ACCESSORIES

PASS ACCESSORIES FOR YOUR
THICK TURRET SYSTEM

INDEX

ps:®assembly-element	page 62
PASS assembling set	page 63
PASS adapter	page 64
PASS dies	page 65
PASS T-Handle	page 66

STATION A



STATION B



STATION C



STATION D



STATION E



EQUIPPED BASE PLATE

PART NO.

SOCKET SET INCL. BASE PLATE

Set consists of: 5 sockets (Stat. A-E) +
1 base plate

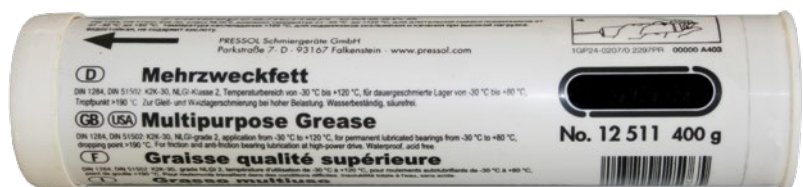
499M18000

PASS ASSEMBLING SET

FOR PASS GUIDE ASSEMBLY STAT. C , D , E

PART-NO.

COMPLETE ASSEMBLING SET	
Torque wrench / 25-130 Nm	
incl. 4 socket wrench SW 8 / SW 10 / SW 12 / SW 14	
Multipurpose grease 400 gr.	
Triangular whetstone	
Diamond needle file with quick-acting clamp	
Total price	499MONKIT



PASS ADAPTER

PUNCH ADAPTER

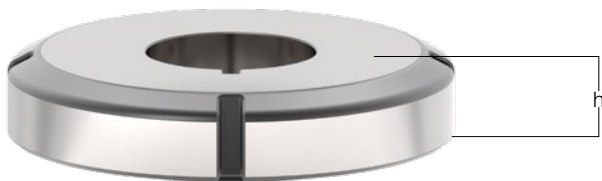
Surface-hardened and polished



DIE ADAPTER

Surface-hardened and polished

2 clamping screws



STATION
PART NO.

PASS ADAPTER		
Punch adapter	B/A	401BAS1
Die adapter ⁽¹⁾⁽³⁾	B/A	401BAM1
Punch adapter	C/B	401CBS1
Die adapter ⁽¹⁾⁽³⁾	C/B	401CBM1
Punch adapter	D/A	401DAS1
Die adapter ⁽¹⁾⁽³⁾	D/A	401DAM1
Punch adapter	D/B	401DBS1
Die adapter ⁽³⁾⁽⁵⁾	D/B	401DBM1
Punch adapter	D/C	401DCS1
Die adapter ⁽¹⁾⁽²⁾⁽³⁾	D/C	401DCM1

⁽¹⁾ max. stamping and punching force: 70 kn

⁽²⁾ assembled die is 2 mm above table level

⁽³⁾ height h = 26 mm

⁽⁴⁾ max. stamping and punching force: 140 kn

MACHINE TYPE: COIL & BUSBAR PUNCHING MACHINES		
Punch adapter	B/A	401BAS3
Die adapter ⁽⁵⁾	B/A	401BAM3
Punch adapter	C/B	401CBS3
Die adapter ⁽⁵⁾	C/B	401CBM3
Punch adapter	D/A	401DAS3
Die adapter ⁽⁵⁾	D/A	401DAM3
Punch adapter	D/B	401DBS3
Die adapter ⁽⁵⁾	D/B	401DBM3
Punch adapter	D/C	401DCS3
Die adapter ⁽⁵⁾	D/C	not usable

⁽⁵⁾ height h = 30 mm

PASS DIES

WITH BRUSH INSERTS

	STATION	PART-NO.
PASS DIES WITH BRUSH INSERTS		
1x Ø13	A	441711A01
3x Ø13	B	441711B01
7x Ø13	C	441711C01
19x Ø13	D	441711D01
35x Ø13	E	441711E01



SPARE PARTS

Brush inserts Ø 13 mm (piece)

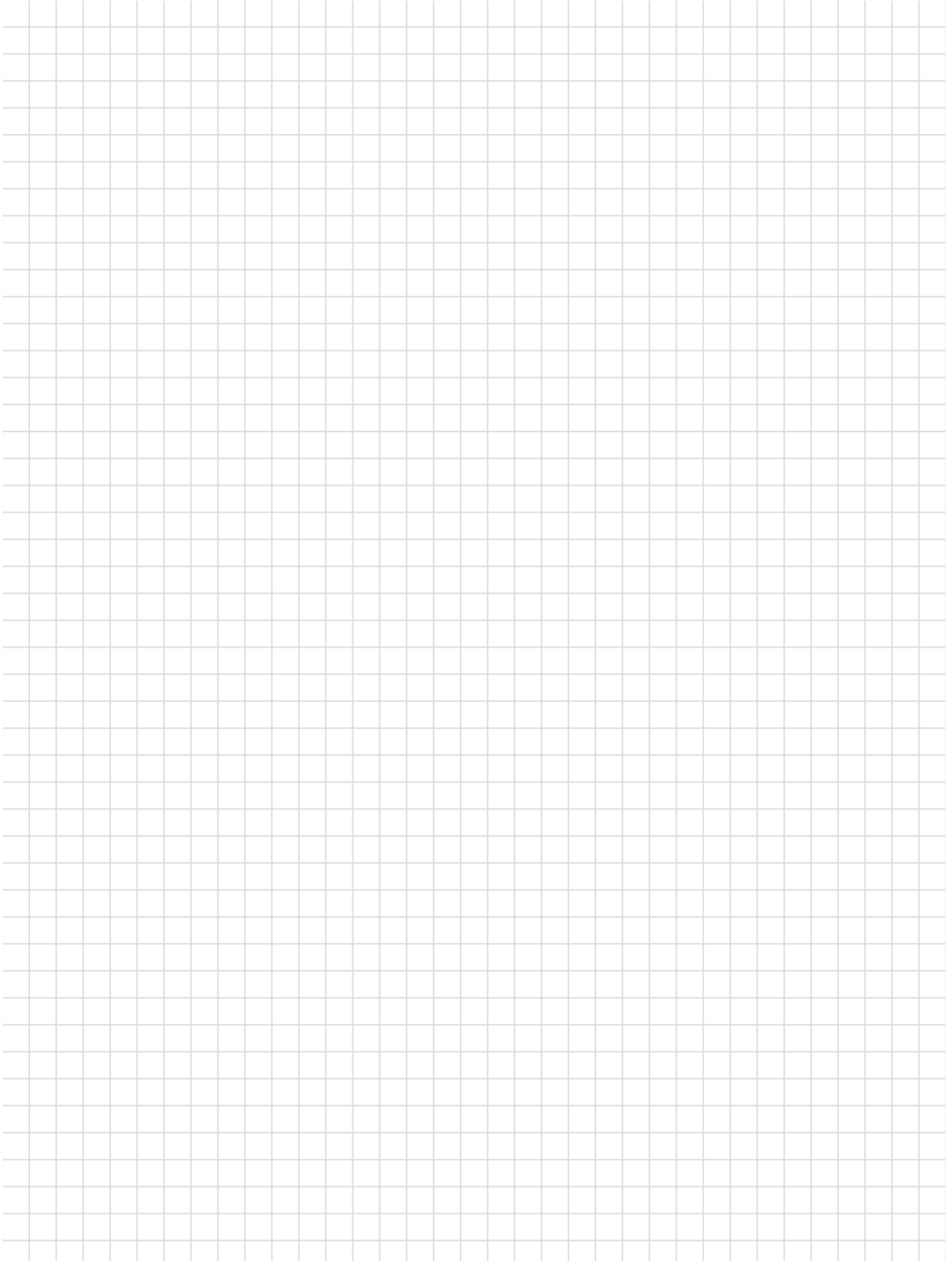
200B00

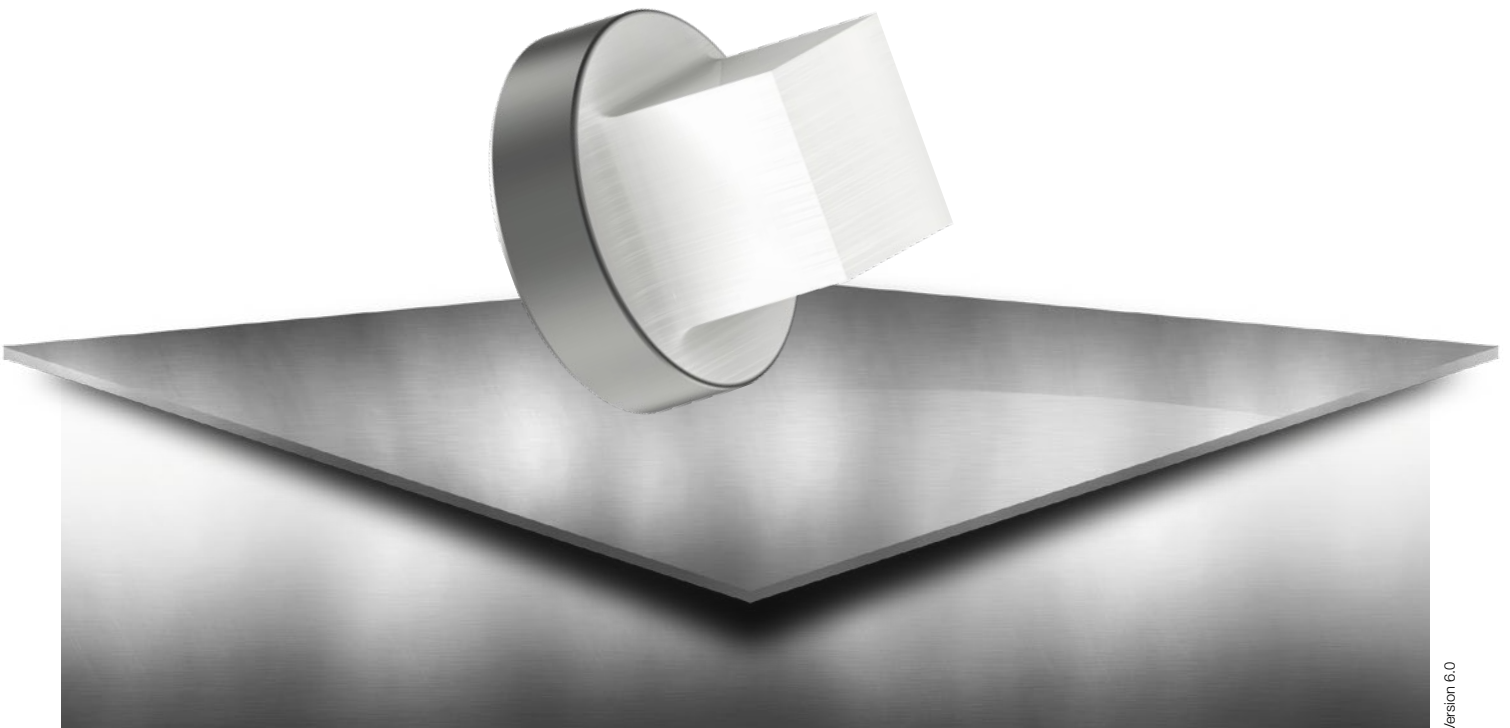
PASS T-HANDLE

PART-NO.

T-HANDLE		
	M14	999000024







OPTIONS

PASS OPTIONS FOR YOUR THICK TURRET SYSTEM

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Draw-polishing

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DRAW-POLISHING

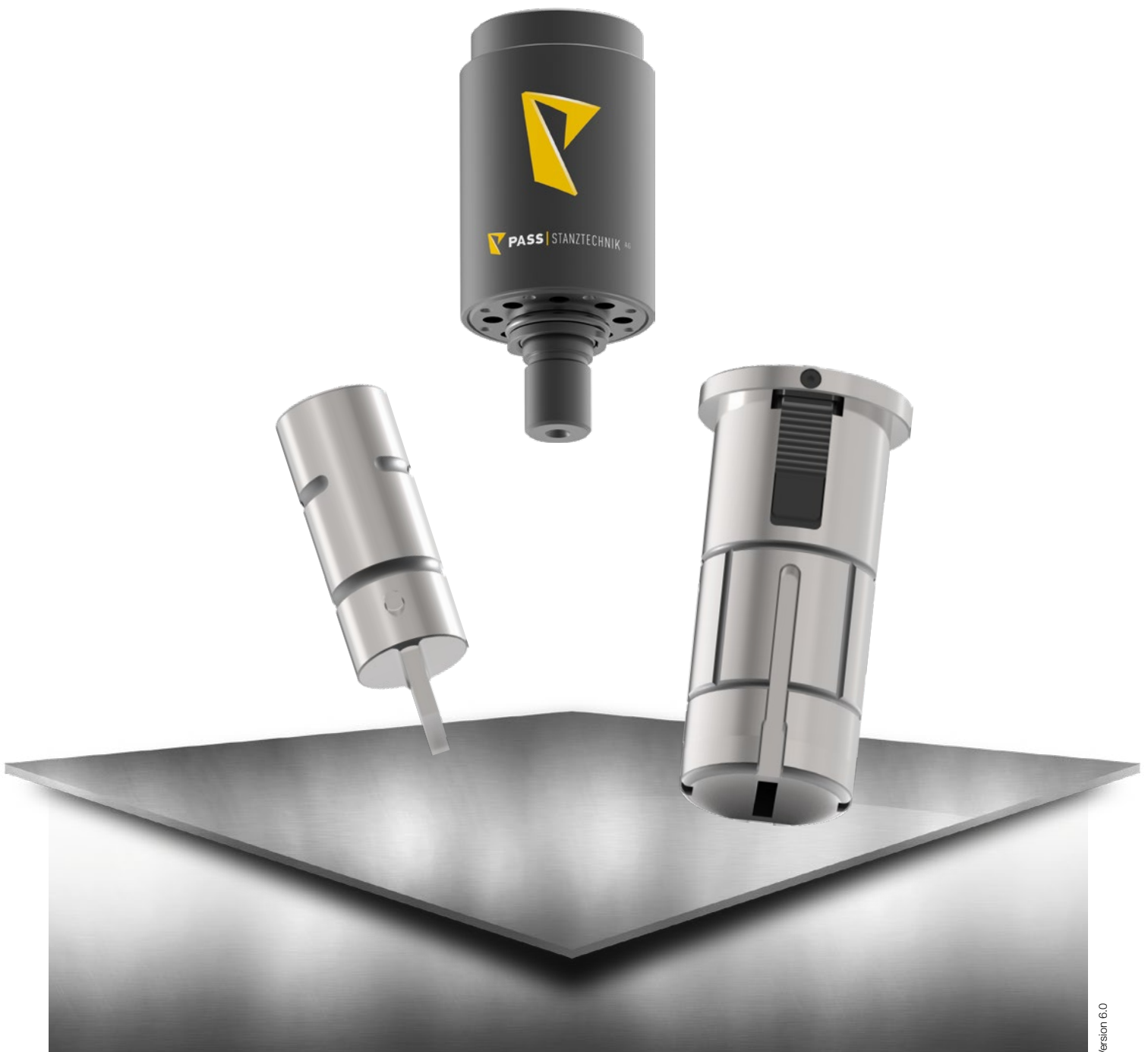
PUNCH EDGES

INCREASES TOOL LIFETIME, REDUCES MATERIAL BUILD UP



SIZE	RANGE
ROUND / SQUARE / RECTANGLE / OBLONG	Station A + B
	Station C + D
	Station E
O.D. GROUND SPECIAL SHAPES (SPECIAL SHAPE GROUP 1 & 2)	Station A + B
	Station C + D
	Station E
EDM REQUIRED SPECIAL SHAPES (SPECIAL SHAPE GROUP 3 & 4)	Station A + B
	Station C + D
	Station E

A large grid of graph paper for taking notes, consisting of 20 columns and 40 rows of small squares.



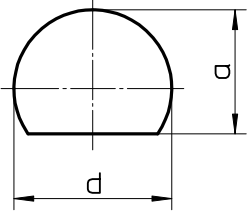
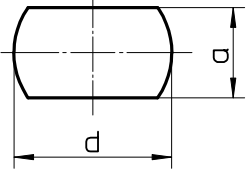
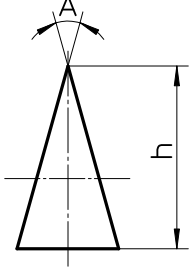
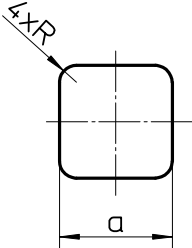
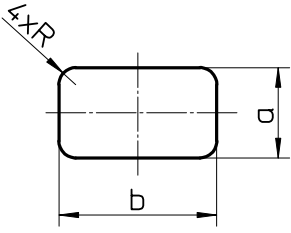
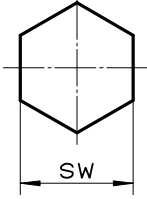
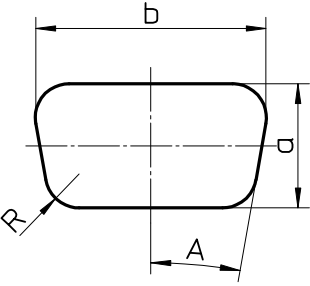
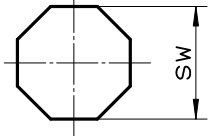
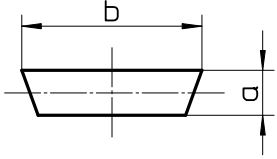
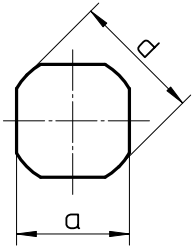
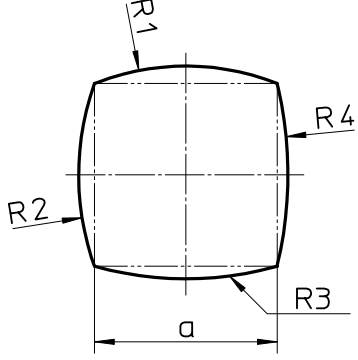
SPECIAL SHAPES

PASS SPECIAL SHAPES FOR YOUR
THICK TURRET SYSTEM

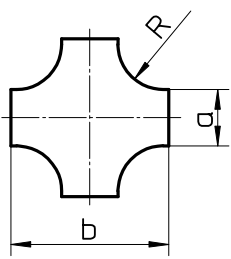
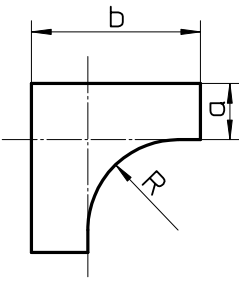
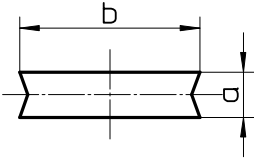
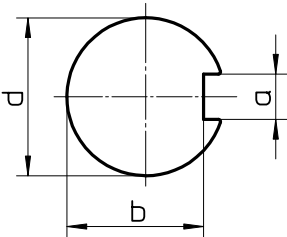
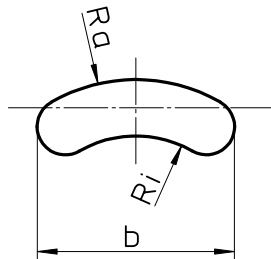
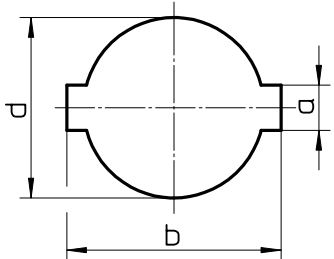
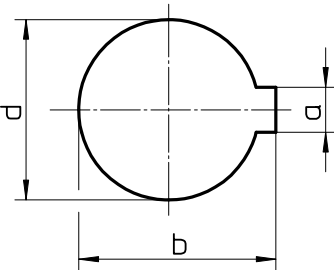
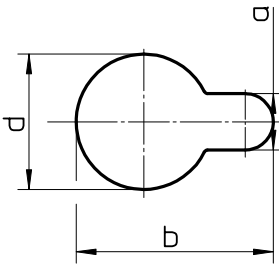
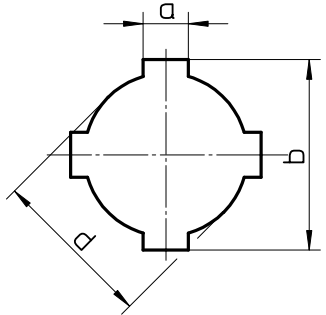
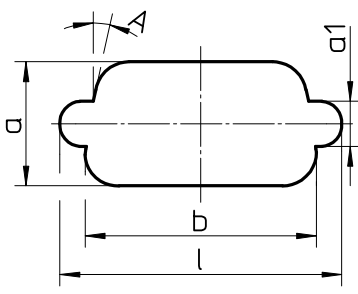
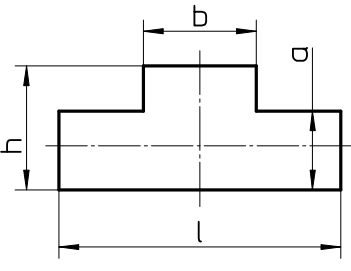
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NOTES

A large grid of graph paper for taking notes, consisting of 20 columns and 40 rows of small squares.

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NOTES

A large grid of graph paper for taking notes, consisting of 20 columns and 40 rows of small squares.

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SALVAGNINI | **THICK TURRET** | **TRUMPF**



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