



PRICE LIST 09/2024-WW-A.2

SYSTEM THICK TURRET

PRICE LIST 09/2024-WW-A.2



VALIDITY OF PRICES:

This price list is valid from 01.09.2024. From this date old price lists lose their validity. The prices do not include statutory value added tax.

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.

CONDITIONS OF PAYMENT:

Unless otherwise stipulated, our invoices are payable in full 30 days after the submission of the invoice.

GENERAL REMARKS:

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

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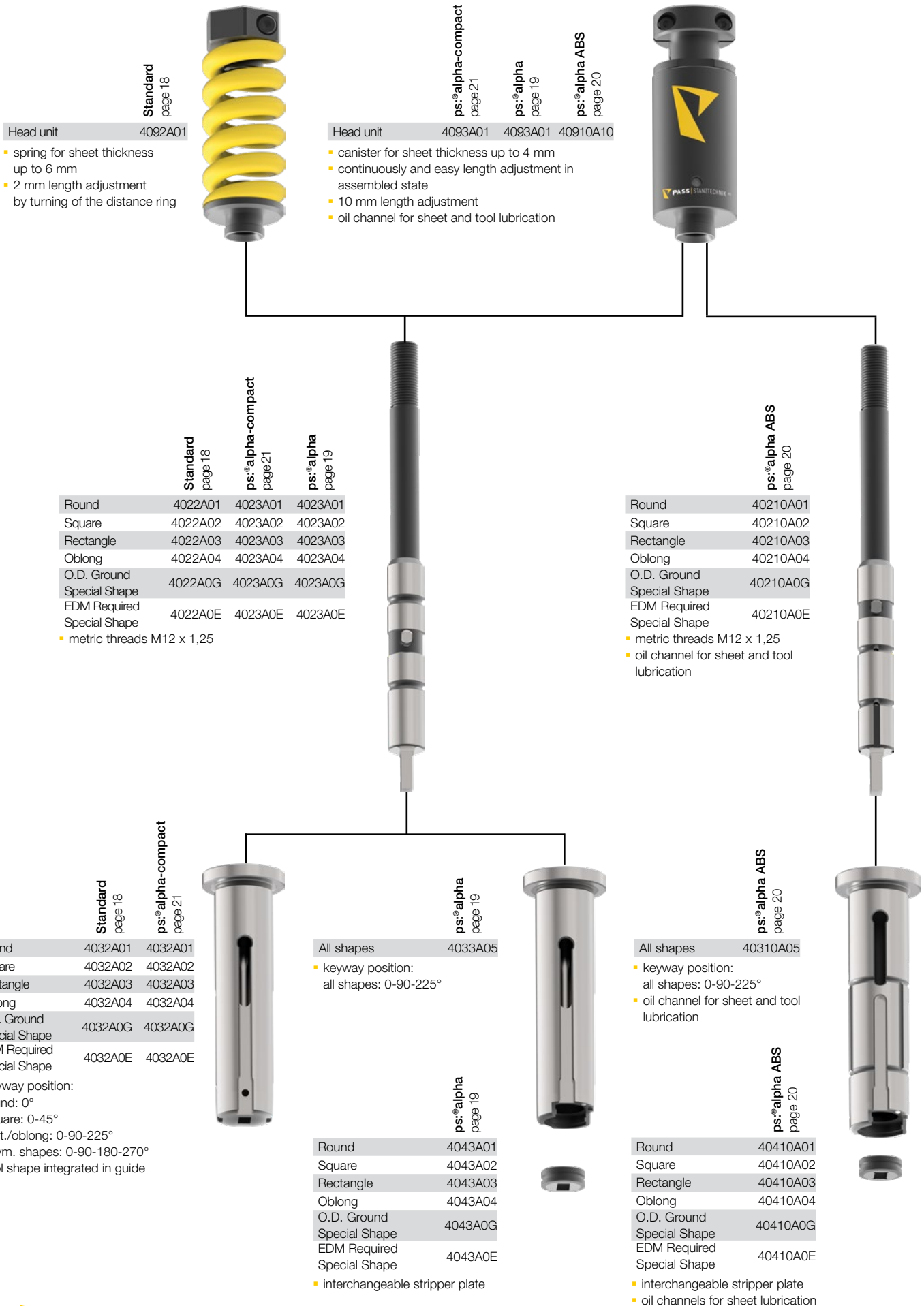
COMPATIBILITY STATION A TO E

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		

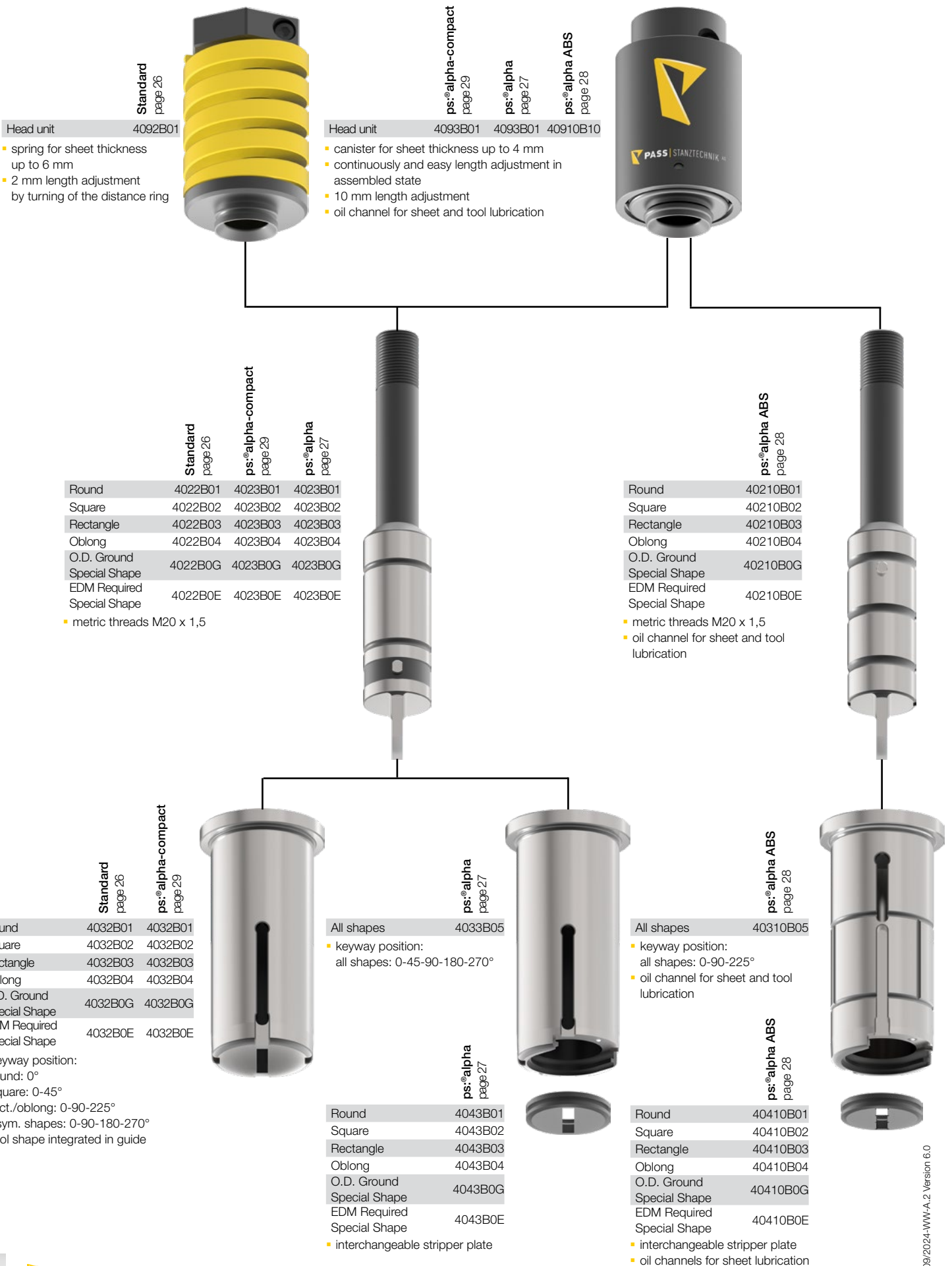
- interchangeable stripper plate
- oil channel for sheet lubrication for ABS



	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
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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



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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



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

- 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)

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



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



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

- thread M12
- oil channel for sheet and tool lubrication

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

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ps:®beta-V2®
slitting tools
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Round	4040C01	-
Square	4040C02	-
Rectangle	4040C03	4040CT03
Oblong	4040C04	4040CT04
O.D. Ground	4040C0G	-
Special Shape	4040C0E	-
EDM Required	4040C0E	-
Special Shape	4040C0E	-
Trapezoid G09	-	4040CT0G
Double Trapezoid E03	-	4040CT0E



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

Round	4049C01	-
Square	4049C02	-
Rectangle	4049C03	4049CT03
Oblong	4049C04	4049CT04
O.D. Ground	4049C0G	-
Special Shape	4049C0E	-
EDM Required	4049C0E	-
Special Shape	4049C0E	-
Trapezoid G09	-	4049CT0G
Double Trapezoid E03	-	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

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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

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4022D01

4022D02

4022D03

4022D04

4022DOG

4022D0E

4022D0E

4022D0E

Standard
page 40

4032D01

4032D02

4032D03

4032D04

4032DOG

4032D0E

4032D0E

- 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

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4031D01



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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4021D01

4021D02

4021D03

4021D04

4021DOG

4021D0E

4021D0E

- thread M14
- oil channel for sheet and tool lubrication



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

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4041D01

4041D02

4041D03

4041D04

4041DOG

4041D0E

4041D0E

- interchangeable stripper plate
- oil channels for sheet lubrication



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

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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



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

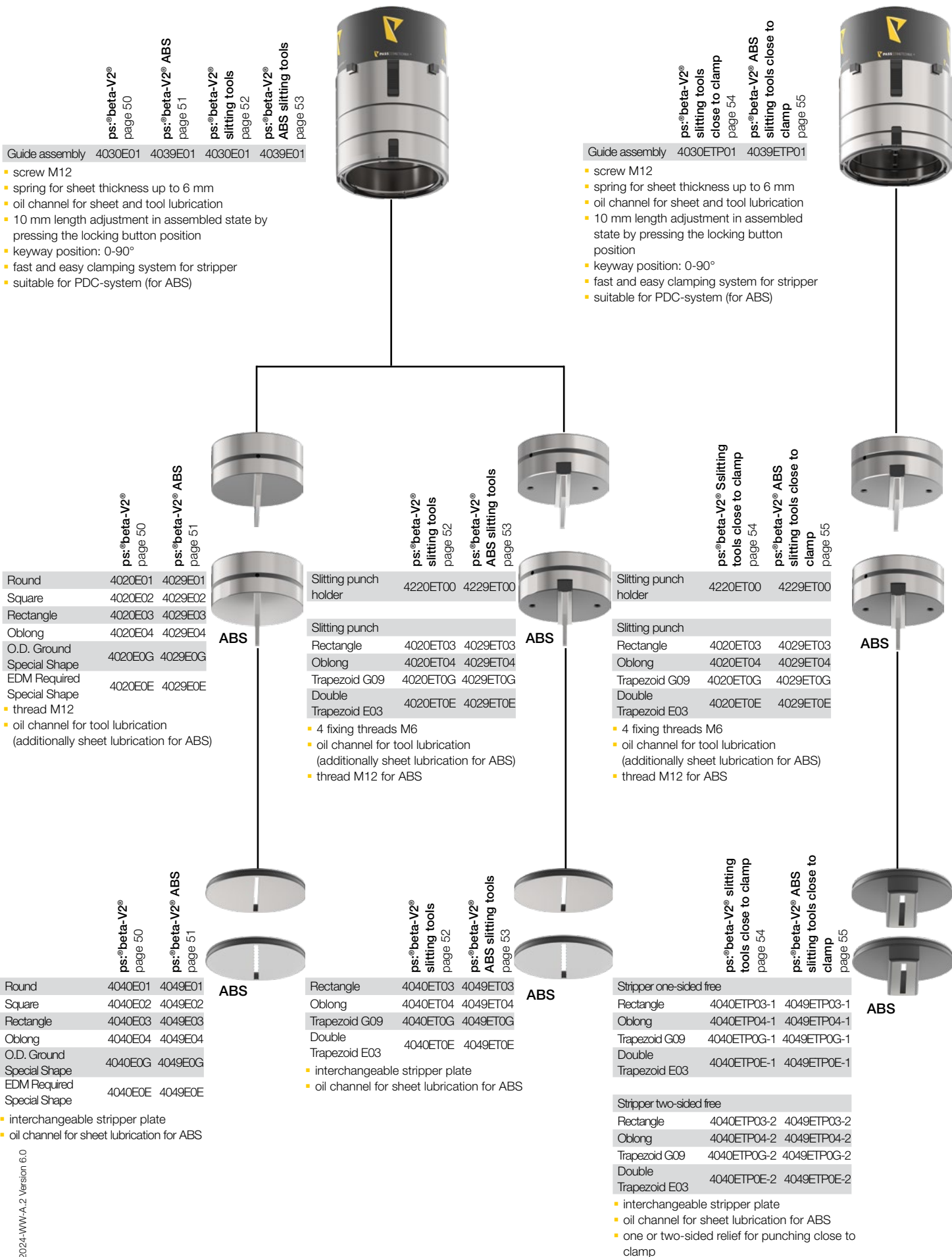


ps:®alpha-V2 ABS
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Round	4041E01
Square	4041E02
Rectangle	4041E03
Oblong	4041E04
O.D. Ground	4041E0G
Special Shape	4041E0E
EDM Required	4041E0E
Special Shape	4041E0E
interchangeable stripper plate	
oil channel for sheet lubrication	



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.

PRICE IN €

PUNCH ASSEMBLY			
Round	4012A01		131,25
Square	4012A02		240,81
Rectangle	4012A03		240,81
Oblong	4012A04		240,81
O.D. Ground Special Shape	4012A0G		262,43
EDM Required Special Shape	4012A0E		435,70

HEAD UNIT (HEAD SCREW, SPRING, DISTANCE RING)			
All shapes	4092A01		43,32

PUNCH (H-PM®)			
Round	4022A01		34,43
Square	4022A02		78,98
Rectangle	4022A03		78,98
Oblong	4022A04		78,98
O.D. Ground Special Shape	4022A0G		94,27
EDM Required Special Shape	4022A0E		249,70

PUNCH GUIDE			
Round	4032A01		53,50
Square	4032A02		118,51
Rectangle	4032A03		118,51
Oblong	4032A04		118,51
O.D. Ground Special Shape	4032A0G		124,85
EDM Required Special Shape	4032A0E		142,68

DIE (HWS)			
Round	4052A01		26,10
Square	4052A02		50,95
Rectangle	4052A03		50,95
Oblong	4052A04		50,95
O.D. Ground Special Shape	4052A0G		63,71
EDM Required Special Shape	4052A0E		71,34

SPARE PARTS		PUNCH OPTIONS		
Head screw	4092A31	14,05	TiCN coating (working with stainless steel)	32,31
Spring	4092A11	19,14	T-MAX coating (working with galvanised sheet / zincor)	54,69
Distance ring	4092A21	10,20	A-MAX coating (working with aluminum)	48,48
O-Ring (in punch guide)	4092A51	2,54	WT-shear (whisper shear)	18,64
PU ejector Ø 3x6 (in punch)	4092P03	1,31	DOWT-shear (rooftop shear)	18,64
PU ejector Ø 6x10 (in punch)	4092P06	1,31	2 PT-shear (inverted rooftop shear)	22,38

COMPENSATING SHIM FOR PUNCH		PUNCH GUIDE OPTIONS		
Piece (2 mm)	499A4S2	6,40	Additional keyway	120,56

SET OF COMPENSATING SHIMS FOR DIE		DIE OPTIONS		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1	16,59	Reinforced die	8,69
Shimkeeper (0,5 mm)	499A1M95	10,20	H-PM® Quality	8,95
			Additional pin hole	16,17

ps:® alpha I STATION A

DIAMETER UP TO 12,7 MM



	PART-NO.	PRICE IN €		
PUNCH ASSEMBLY				
Round	4013A01	352,92		
Square	4013A02	422,96		
Rectangle	4013A03	422,96		
Oblong	4013A04	422,96		
O.D. Ground Special Shape	4013A0G	445,88		
EDM Required Special Shape	4013A0E	607,72		
HEAD UNIT				
All shapes	4093A01	137,58		
PUNCH (H-PM®)				
Round	4023A01	34,43		
Square	4023A02	78,98		
Rectangle	4023A03	78,98		
Oblong	4023A04	78,98		
O.D. Ground Special Shape	4023A0G	94,27		
EDM Required Special Shape	4023A0E	249,70		
PUNCH GUIDE				
All shapes	4033A05	168,17		
STRIPPER				
Round	4043A01	12,74		
Square	4043A02	38,22		
Rectangle	4043A03	38,22		
Oblong	4043A04	38,22		
O.D. Ground Special Shape	4043A0G	45,86		
EDM Required Special Shape	4043A0E	52,26		
DIE (HWS)				
Round	4052A01	26,10		
Square	4052A02	50,95		
Rectangle	4052A03	50,95		
Oblong	4052A04	50,95		
O.D. Ground Special Shape	4052A0G	63,71		
EDM Required Special Shape	4052A0E	71,34		
SPARE PARTS		PUNCH OPTIONS		
O-Ring (in punch guide)	4092A51	2,54	TiCN coating (working with stainless steel)	32,31
PU ejector Ø 3x6 (in punch)	4092P03	1,31	T-MAX coating (working with galvanised sheet / zincor)	54,69
PU ejector Ø 6x10 (in punch)	4092P06	1,31	A-MAX coating (working with aluminum)	48,48
			WT-shear (whisper shear)	18,64
			DOWT-shear (rooftop shear)	18,64
			2 PT-shear (inverted rooftop shear)	22,38
			4 PT-shear (inverted cross shear)	27,33
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR PUNCH		PUNCH GUIDE OPTIONS		
Not necessary			Additional keyway	120,56
SET OF COMPENSATING SHIMS FOR DIE		DIE OPTIONS		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1	16,59	Reinforced die	8,69
Shimkeeper (0,5 mm)	499A1M95	10,20	H-PM® Quality	8,95
			Additional pin hole	16,17

ps:®alpha ABS I STATION A

DIAMETER UP TO 12,7 MM



PART-NO.
PRICE IN €

PUNCH ASSEMBLY			
	Round	40110A01	388,10
	Square	40110A02	464,46
	Rectangle	40110A03	464,46
	Oblong	40110A04	464,46
	O.D. Ground Special Shape	40110A0G	512,25
	EDM Required Special Shape	40110A0E	674,02

HEAD UNIT			
	All shapes	40910A10	137,58

PUNCH (H-PM®)			
	Round	40210A01	56,80
	Square	40210A02	101,36
	Rectangle	40210A03	101,36
	Oblong	40210A04	101,36
	O.D. Ground Special Shape	40210A0G	141,50
	EDM Required Special Shape	40210A0E	296,92

PUNCH GUIDE			
	All shapes	40310A05	168,17

STRIPPER			
	Round	40410A01	26,78
	Square	40410A02	57,35
	Rectangle	40410A03	57,35
	Oblong	40410A04	57,35
	O.D. Ground Special Shape	40410A0G	65,02
	EDM Required Special Shape	40410A0E	71,34

DIE (HWS)			
	Round	4052A01	26,10
	Square	4052A02	50,95
	Rectangle	4052A03	50,95
	Oblong	4052A04	50,95
	O.D. Ground Special Shape	4052A0G	63,71
	EDM Required Special Shape	4052A0E	71,34

SPARE PARTS				PUNCH OPTIONS	
O-Ring (in punch guide)	4092A51	2,54	TiCN coating (working with stainless steel)		32,31
PU ejector Ø 3x6 (in punch)	4092P03	1,31	T-MAX coating (working with galvanised sheet / zincor)		54,69
PU ejector Ø 6x10 (in punch)	4092P06	1,31	A-MAX coating (working with aluminum)		48,48

			WT-shear (whisper shear)		18,64
			DOWT-shear (rooftop shear)		18,64
			2 PT-shear (inverted rooftop shear)		22,38
			4 PT-shear (inverted cross shear)		27,33
			Cutting part under 1,00 mm		+ 40 %

COMPENSATING SHIM FOR PUNCH				PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway		120,56

SET OF COMPENSATING SHIMS FOR DIE				DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1	16,59	Reinforced die		8,69
Shimkeeper (0,5 mm)	499A1M95	10,20	H-PM® Quality		8,95
			ps:®tornado-die (vacuum-style)		8,69
			Additional pin hole		16,17

ps:® alpha-compact I STATION A

DIAMETER UP TO 12,7 MM

	PART-NO.	PRICE IN €
PUNCH ASSEMBLY		
Round	4017A01	225,51
Square	4017A02	335,08
Rectangle	4017A03	335,08
Oblong	4017A04	335,08
O.D. Ground Special Shape	4017A0G	356,71
EDM Required Special Shape	4017A0E	529,96
HEAD UNIT		
All shapes	4093A01	137,58
PUNCH (H-PM®)		
Round	4023A01	34,43
Square	4023A02	78,98
Rectangle	4023A03	78,98
Oblong	4023A04	78,98
O.D. Ground Special Shape	4023A0G	94,27
EDM Required Special Shape	4023A0E	249,70
PUNCH GUIDE		
Round	4032A01	53,50
Square	4032A02	118,51
Rectangle	4032A03	118,51
Oblong	4032A04	118,51
O.D. Ground Special Shape	4032A0G	124,85
EDM Required Special Shape	4032A0E	142,68
DIE (HWS)		
Round	4052A01	26,10
Square	4052A02	50,95
Rectangle	4052A03	50,95
Oblong	4052A04	50,95
O.D. Ground Special Shape	4052A0G	63,71
EDM Required Special Shape	4052A0E	71,34



SPARE PARTS			PUNCH OPTIONS	
O-Ring (in punch guide)	4092A51	2,54	TiCN coating (working with stainless steel)	32,31
PU ejector Ø 3x6 (in punch)	4092P03	1,31	T-MAX coating (working with galvanised sheet / zincor)	54,69
PU ejector Ø 6x10 (in punch)	4092P06	1,31	A-MAX coating (working with aluminum)	48,48
			WT-shear (whisper shear)	18,64
			DOWT-shear (rooftop shear)	18,64
			2 PT-shear (inverted rooftop shear)	22,38
			4 PT-shear (inverted cross shear)	27,33
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR PUNCH			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	120,56
SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1	16,59	Reinforced die	8,69
Shimkeeper (0,5 mm)	499A1M95	10,20	H-PM® Quality	8,95
			Additional pin hole	16,17

ps:®beta-V2® | STATION A

DIAMETER UP TO 12,7 MM



PART-NO.
PRICE IN €

PUNCH ASSEMBLY			
	Round	4010A01	409,03
	Square	4010A02	485,42
	Rectangle	4010A03	485,42
	Oblong	4010A04	485,42
	O.D. Ground Special Shape	4010A0G	513,42
	EDM Required Special Shape	4010A0E	680,29

HEAD UNIT			
	All shapes	4090A10	118,51

PUNCH (H-PM®)			
	Round	4020A01	49,71
	Square	4020A02	100,68
	Rectangle	4020A03	100,68
	Oblong	4020A04	100,68
	O.D. Ground Special Shape	4020A0G	121,06
	EDM Required Special Shape	4020A0E	281,59

PUNCH GUIDE			
	All shapes	4030A05	228,07

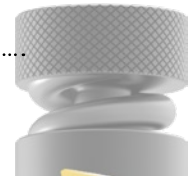
STRIPPER			
	Round	4040A01	12,74
	Square	4040A02	38,22
	Rectangle	4040A03	38,22
	Oblong	4040A04	38,22
	O.D. Ground Special Shape	4040A0G	45,86
	EDM Required Special Shape	4040A0E	52,26

DIE (HWS)			
	Round	4052A01	26,10
	Square	4052A02	50,95
	Rectangle	4052A03	50,95
	Oblong	4052A04	50,95
	O.D. Ground Special Shape	4052A0G	63,71
	EDM Required Special Shape	4052A0E	71,34

SPARE PARTS				PUNCH OPTIONS	
O-Ring (in punch guide)	4092A51	2,54	TiCN coating (working with stainless steel)		32,31
PU ejector Ø 3x6 (in punch)	4092P03	1,31	T-MAX coating (working with galvanised sheet / zincor)		54,69
PU ejector Ø 6x10 (in punch)	4092P06	1,31	A-MAX coating (working with aluminum)		48,48
			WT-shear (whisper shear)		18,64
			DOWT-shear (rooftop shear)		18,64
			2 PT-shear (inverted rooftop shear)		22,38
			4 PT-shear (inverted cross shear)		27,33
			Cutting part under 1,00 mm		+ 40 %
COMPENSATING SHIM FOR PUNCH				PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway		120,56
SET OF COMPENSATING SHIMS FOR DIE				DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1	16,59	Reinforced die		8,69
Shimkeeper (0,5 mm)	499A1M95	10,20	H-PM® Quality		8,95
			Additional pin hole		16,17

ps:®beta-V2® 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.:
4099A10-PDC



		PART-NO.	PRICE IN €
PUNCH ASSEMBLY			
	Round	4019A01	433,27
	Square	4019A02	514,80
	Rectangle	4019A03	514,80
	Oblong	4019A04	514,80
	O.D. Ground Special Shape	4019A0G	542,82
	EDM Required Special Shape	4019A0E	709,68

HEAD UNIT			
	All shapes	4099A10	118,51

PUNCH (H-PM®)			
	Round	4029A01	59,91
	Square	4029A02	110,87
	Rectangle	4029A03	110,87
	Oblong	4029A04	110,87
	O.D. Ground Special Shape	4029A0G	131,25
	EDM Required Special Shape	4029A0E	291,76

PUNCH GUIDE			
	All shapes	4039A05	228,07

STRIPPER			
	Round	4049A01	26,78
	Square	4049A02	57,35
	Rectangle	4049A03	57,35
	Oblong	4049A04	57,35
	O.D. Ground Special Shape	4049A0G	65,02
	EDM Required Special Shape	4049A0E	71,34

DIE (HWS)			
	Round	4052A01	26,10
	Square	4052A02	50,95
	Rectangle	4052A03	50,95
	Oblong	4052A04	50,95
	O.D. Ground Special Shape	4052A0G	63,71
	EDM Required Special Shape	4052A0E	71,34

SPARE PARTS			PUNCH OPTIONS	
O-Ring (in punch guide)	4092A51	2,54	TiCN coating (working with stainless steel)	32,31
PU ejector Ø 3x6 (in punch)	4092P03	1,31	T-MAX coating (working with galvanised sheet / zincor)	54,69
PU ejector Ø 6x10 (in punch)	4092P06	1,31	A-MAX coating (working with aluminum)	48,48
			WT-shear (whisper shear)	18,64
			DOWT-shear (rooftop shear)	18,64
			2 PT-shear (inverted rooftop shear)	22,38
			4 PT-shear (inverted cross shear)	27,33
			Cutting part under 1,00 mm	+ 40 %

COMPENSATING SHIM FOR PUNCH			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	120,56

SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1	16,59	Reinforced die	8,69
Shimkeeper (0,5 mm)	499A1M95	10,20	H-PM® Quality	8,95
			ps:®tornado-die (vacuum-style)	8,69
			Additional pin hole	16,17

ps:®beta-compact I STATION A

DIAMETER UP TO 12,7 MM



PART-NO.
PRICE IN €

PUNCH ASSEMBLY			
	Round	4016A01	293,00
	Square	4016A02	408,96
	Rectangle	4016A03	408,96
	Oblong	4016A04	408,96
	O.D. Ground Special Shape	4016A0G	435,70
	EDM Required Special Shape	4016A0E	614,04

HEAD UNIT			
	All shapes	4094A10	118,51

PUNCH (H-PM®)			
	Round	4024A01	49,71
	Square	4024A02	100,68
	Rectangle	4024A03	100,68
	Oblong	4024A04	100,68
	O.D. Ground Special Shape	4024A0G	121,06
	EDM Required Special Shape	4024A0E	281,59

PUNCH GUIDE			
	Round	4036A01	124,85
	Square	4036A02	189,85
	Rectangle	4036A03	189,85
	Oblong	4036A04	189,85
	O.D. Ground Special Shape	4036A0G	196,19
	EDM Required Special Shape	4036A0E	214,03

DIE (HWS)			
	Round	4052A01	26,10
	Square	4052A02	50,95
	Rectangle	4052A03	50,95
	Oblong	4052A04	50,95
	O.D. Ground Special Shape	4052A0G	63,71
	EDM Required Special Shape	4052A0E	71,34

SPARE PARTS		PUNCH OPTIONS		
O-Ring (in punch guide)	4092A51	2,54	TiCN coating (working with stainless steel)	32,31
PU ejector Ø 3x6 (in punch)	4092P03	1,31	T-MAX coating (working with galvanised sheet / zincor)	54,69
PU ejector Ø 6x10 (in punch)	4092P06	1,31	A-MAX coating (working with aluminum)	48,48

			WT-shear (whisper shear)	18,64
			DOWT-shear (rooftop shear)	18,64
			2 PT-shear (inverted rooftop shear)	22,38
			4 PT-shear (inverted cross shear)	27,33
			Cutting part under 1,00 mm	+ 40 %

COMPENSATING SHIM FOR PUNCH		PUNCH GUIDE OPTIONS	
Not necessary		Additional keyway	120,56

SET OF COMPENSATING SHIMS FOR DIE		DIE OPTIONS		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1	16,59	Reinforced die	8,69
Shimkeeper (0,5 mm)	499A1M95	10,20	H-PM® Quality	8,95
			Additional pin hole	16,17

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.	PRICE IN €
PUNCH ASSEMBLY		
Round	4018A01	315,94
Square	4018A02	433,16
Rectangle	4018A03	433,16
Oblong	4018A04	433,16
O.D. Ground Special Shape	4018A0G	459,93
EDM Required Special Shape	4018A0E	638,28

HEAD UNIT		
All shapes	4095A10	118,51

PUNCH (H-PM®)		
Round	4025A01	59,91
Square	4025A02	110,87
Rectangle	4025A03	110,87
Oblong	4025A04	110,87
O.D. Ground Special Shape	4025A0G	131,25
EDM Required Special Shape	4025A0E	291,76

PUNCH GUIDE		
Round	4038A01	137,58
Square	4038A02	203,83
Rectangle	4038A03	203,83
Oblong	4038A04	203,83
O.D. Ground Special Shape	4038A0G	210,23
EDM Required Special Shape	4038A0E	228,07

DIE (HWS)		
Round	4052A01	26,10
Square	4052A02	50,95
Rectangle	4052A03	50,95
Oblong	4052A04	50,95
O.D. Ground Special Shape	4052A0G	63,71
EDM Required Special Shape	4052A0E	71,34

SPARE PARTS			PUNCH OPTIONS	
O-Ring (in punch guide)	4092A51	2,54	TiCN coating (working with stainless steel)	32,31
PU ejector Ø 3x6 (in punch)	4092P03	1,31	T-MAX coating (working with galvanised sheet / zincor)	54,69
PU ejector Ø 6x10 (in punch)	4092P06	1,31	A-MAX coating (working with aluminum)	48,48
			WT-shear (whisper shear)	18,64
			DOWT-shear (rooftop shear)	18,64
			2 PT-shear (inverted rooftop shear)	22,38
			4 PT-shear (inverted cross shear)	27,33
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR PUNCH			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	120,56

SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499A1M1	16,59	Reinforced die	8,69
Shimkeeper (0,5 mm)	499A1M95	10,20	H-PM® Quality	8,95
			ps:®tornado-die (vacuum-style)	8,69
			Additional pin hole	16,17

PASS STANDARD I STATION B

DIAMETER UP TO 31,75 MM



PART-NO.
PRICE IN €

PUNCH ASSEMBLY			
	Round	4012B01	174,56
	Square	4012B02	286,66
	Rectangle	4012B03	286,66
	Oblong	4012B04	286,66
	O.D. Ground Special Shape	4012B0G	308,30
	EDM Required Special Shape	4012B0E	480,30

HEAD UNIT (HEAD SCREW, SPRING, DISTANCE RING)			
	All shapes	4092B01	63,71

PUNCH (H-PM®)			
	Round	4022B01	50,95
	Square	4022B02	99,37
	Rectangle	4022B03	99,37
	Oblong	4022B04	99,37
	O.D. Ground Special Shape	4022B0G	114,66
	EDM Required Special Shape	4022B0E	268,83

PUNCH GUIDE			
	Round	4032B01	59,91
	Square	4032B02	123,61
	Rectangle	4032B03	123,61
	Oblong	4032B04	123,61
	O.D. Ground Special Shape	4032B0G	129,96
	EDM Required Special Shape	4032B0E	147,79

DIE (HWS)			
	Round	4052B01	27,33
	Square	4052B02	65,02
	Rectangle	4052B03	65,02
	Oblong	4052B04	65,02
	O.D. Ground Special Shape	4052B0G	78,98
	EDM Required Special Shape	4052B0E	85,38

SPARE PARTS		PUNCH OPTIONS		
Head screw	4092B31	14,05	TiCN coating (working with stainless steel)	49,71
Spring	4092B11	40,76	T-MAX coating (working with galvanised sheet / zincor)	84,51
Distance ring	4092B21	10,20	A-MAX coating (working with aluminum)	74,57
O-Ring (in punch guide)	4092B51	2,54	WT-shear (whisper shear)	18,64
PU ejector Ø 3x6 (in punch)	4092P03	1,31	DOWT-shear (rooftop shear)	18,64
PU ejector Ø 6x10 (in punch)	4092P06	1,31	2 PT-shear (inverted rooftop shear)	22,38
			4 PT-shear (inverted cross shear)	27,33
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR PUNCH		PUNCH GUIDE OPTIONS		
Piece (2 mm)	499B4S2	7,64	Additional keyway	120,56
SET OF COMPENSATING SHIMS FOR DIE		DIE OPTIONS		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1	20,38	Reinforced die	8,69
Shimkeeper (0,5 mm)	499B1M95	11,49	H-PM® Quality	8,95
			Additional pin hole	16,17

ps:® alpha I STATION B

DIAMETER UP TO 31,75 MM



		PART-NO.	PRICE IN €
PUNCH ASSEMBLY			
	Round	4013B01	412,82
	Square	4013B02	486,66
	Rectangle	4013B03	486,66
	Oblong	4013B04	486,66
	O.D. Ground Special Shape	4013B0G	509,59
	EDM Required Special Shape	4013B0E	670,10

HEAD UNIT			
	All shapes	4093B01	174,56

PUNCH (H-PM®)			
	Round	4023B01	50,95
	Square	4023B02	99,37
	Rectangle	4023B03	99,37
	Oblong	4023B04	99,37
	O.D. Ground Special Shape	4023B0G	114,66
	EDM Required Special Shape	4023B0E	268,83

PUNCH GUIDE			
	All shapes	4033B05	174,56

STRIPPER			
	Round	4043B01	12,74
	Square	4043B02	38,22
	Rectangle	4043B03	38,22
	Oblong	4043B04	38,22
	O.D. Ground Special Shape	4043B0G	45,86
	EDM Required Special Shape	4043B0E	52,26

DIE (HWS)			
	Round	4052B01	27,33
	Square	4052B02	65,02
	Rectangle	4052B03	65,02
	Oblong	4052B04	65,02
	O.D. Ground Special Shape	4052B0G	78,98
	EDM Required Special Shape	4052B0E	85,38

SPARE PARTS			PUNCH OPTIONS	
O-Ring (in punch guide)	4092B51	2,54	TiCN coating (working with stainless steel)	49,71
PU ejector Ø 3x6 (in punch)	4092P03	1,31	T-MAX coating (working with galvanised sheet / zincor)	84,51
PU ejector Ø 6x10 (in punch)	4092P06	1,31	A-MAX coating (working with aluminum)	74,57
			WT-shear (whisper shear)	18,64
			DOWT-shear (rooftop shear)	18,64
			2 PT-shear (inverted rooftop shear)	22,38
			4 PT-shear (inverted cross shear)	27,33
			Cutting part under 1,00 mm	+ 40 %

COMPENSATING SHIM FOR PUNCH			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	120,56

SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1	20,38	Reinforced die	8,69
Shimkeeper (0,5 mm)	499B1M95	11,49	H-PM® Quality	8,95
			Additional pin hole	16,17

ps:®alpha ABS I STATION B

DIAMETER UP TO 31,75 MM



PART-NO.
PRICE IN €

PUNCH ASSEMBLY			
	Round	40110B01	449,24
	Square	40110B02	528,23
	Rectangle	40110B03	528,23
	Oblong	40110B04	528,23
	O.D. Ground Special Shape	40110B0G	551,16
	EDM Required Special Shape	40110B0E	711,68

HEAD UNIT			
	All shapes	40910B10	174,56

PUNCH (H-PM®)			
	Round	40210B01	73,33
	Square	40210B02	121,75
	Rectangle	40210B03	121,75
	Oblong	40210B04	121,75
	O.D. Ground Special Shape	40210B0G	137,03
	EDM Required Special Shape	40210B0E	291,21

PUNCH GUIDE			
	All shapes	40310B05	174,56

STRIPPER			
	Round	40410B01	26,78
	Square	40410B02	57,35
	Rectangle	40410B03	57,35
	Oblong	40410B04	57,35
	O.D. Ground Special Shape	40410B0G	65,02
	EDM Required Special Shape	40410B0E	71,34

DIE (HWS)			
	Round	4052B01	27,33
	Square	4052B02	65,02
	Rectangle	4052B03	65,02
	Oblong	4052B04	65,02
	O.D. Ground Special Shape	4052B0G	78,98
	EDM Required Special Shape	4052B0E	85,38

SPARE PARTS				PUNCH OPTIONS	
O-Ring (in punch guide)	4092B51	2,54	TiCN coating (working with stainless steel)		49,71
PU ejector Ø 3x6 (in punch)	4092P03	1,31	T-MAX coating (working with galvanised sheet / zincor)		84,51
PU ejector Ø 6x10 (in punch)	4092P06	1,31	A-MAX coating (working with aluminum)		74,57

			WT-shear (whisper shear)		18,64
			DOWT-shear (rooftop shear)		18,64
			2 PT-shear (inverted rooftop shear)		22,38
			4 PT-shear (inverted cross shear)		27,33
			Cutting part under 1,00 mm		+ 40 %

COMPENSATING SHIM FOR PUNCH				PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway		120,56

SET OF COMPENSATING SHIMS FOR DIE				DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1	20,38	Reinforced die		8,69
Shimkeeper (0,5 mm)	499B1M95	11,49	H-PM® Quality		8,95
			ps:®tornado-die (vacuum-style)		8,69
			Additional pin hole		16,17

ps:® alpha-compact I STATION B

DIAMETER UP TO 31,75 MM

	PART-NO.	PRICE IN €
PUNCH ASSEMBLY		
Round	4017B01	285,37
Square	4017B02	397,46
Rectangle	4017B03	397,46
Oblong	4017B04	397,46
O.D. Ground Special Shape	4017B0G	419,17
EDM Required Special Shape	4017B0E	591,13
HEAD UNIT		
All shapes	4093B01	174,56
PUNCH (H-PM®)		
Round	4023B01	50,95
Square	4023B02	99,37
Rectangle	4023B03	99,37
Oblong	4023B04	99,37
O.D. Ground Special Shape	4023B0G	114,66
EDM Required Special Shape	4023B0E	268,83
PUNCH GUIDE		
Round	4032B01	59,91
Square	4032B02	123,61
Rectangle	4032B03	123,61
Oblong	4032B04	123,61
O.D. Ground Special Shape	4032B0G	129,96
EDM Required Special Shape	4032B0E	147,79
DIE (HWS)		
Round	4052B01	27,33
Square	4052B02	65,02
Rectangle	4052B03	65,02
Oblong	4052B04	65,02
O.D. Ground Special Shape	4052B0G	78,98
EDM Required Special Shape	4052B0E	85,38



SPARE PARTS			PUNCH OPTIONS	
O-Ring (in punch guide)	4092B51	2,54	TiCN coating (working with stainless steel)	49,71
PU ejector Ø 3x6 (in punch)	4092P03	1,31	T-MAX coating (working with galvanised sheet / zincor)	84,51
PU ejector Ø 6x10 (in punch)	4092P06	1,31	A-MAX coating (working with aluminum)	74,57
			WT-shear (whisper shear)	18,64
			DOWT-shear (rooftop shear)	18,64
			2 PT-shear (inverted rooftop shear)	22,38
			4 PT-shear (inverted cross shear)	27,33
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR PUNCH			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	120,56
SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1	20,38	Reinforced die	8,69
Shimkeeper (0,5 mm)	499B1M95	11,49	H-PM® Quality	8,95
			Additional pin hole	16,17

ps:®beta-V2® | STATION B

DIAMETER UP TO 31,75 MM



PART-NO.
PRICE IN €

PUNCH ASSEMBLY			
	Round	4010B01	457,44
	Square	4010B02	522,32
	Rectangle	4010B03	522,32
	Oblong	4010B04	522,32
	O.D. Ground Special Shape	4010B0G	550,35
	EDM Required Special Shape	4010B0E	710,88

HEAD UNIT			
	All shapex	4090B10	136,34

PUNCH (H-PM®)			
	Round	4020B01	67,55
	Square	4020B02	107,01
	Rectangle	4020B03	107,01
	Oblong	4020B04	107,01
	O.D. Ground Special Shape	4020B0G	127,41
	EDM Required Special Shape	4020B0E	281,59

PUNCH GUIDE			
	All shapex	4030B05	240,81

STRIPPER			
	Round	4040B01	12,74
	Square	4040B02	38,22
	Rectangle	4040B03	38,22
	Oblong	4040B04	38,22
	O.D. Ground Special Shape	4040B0G	45,86
	EDM Required Special Shape	4040B0E	52,26

DIE (HWS)			
	Round	4052B01	27,33
	Square	4052B02	65,02
	Rectangle	4052B03	65,02
	Oblong	4052B04	65,02
	O.D. Ground Special Shape	4052B0G	78,98
	EDM Required Special Shape	4052B0E	85,38

SPARE PARTS				PUNCH OPTIONS			
O-Ring (in punch guide)	4092B51	2,54		TiCN coating (working with stainless steel)			49,71
PU ejector Ø 3x6 (in punch)	4092P03	1,31		T-MAX coating (working with galvanised sheet / zincor)			84,51
PU ejector Ø 6x10 (in punch)	4092P06	1,31		A-MAX coating (working with aluminum)			74,57

				WT-shear (whisper shear)			18,64
				DOWT-shear (rooftop shear)			18,64
				2 PT-shear (inverted rooftop shear)			22,38
				4 PT-shear (inverted cross shear)			27,33
				Cutting part under 1,00 mm			+ 40 %

COMPENSATING SHIM FOR PUNCH				PUNCH GUIDE OPTIONS			
Not necessary				Additional keyway			120,56

SET OF COMPENSATING SHIMS FOR DIE				DIE OPTIONS			
1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1	20,38		Reinforced die			8,69
Shimkeeper (0,5 mm)	499B1M95	11,49		H-PM® Quality			8,95
				Additional pin hole			16,17

ps:®beta-V2® ABS I STATION B

DIAMETER UP TO 31,75 MM

		PART-NO.	PRICE IN €
PUNCH ASSEMBLY			
	Round	4019B01	481,68
	Square	4019B02	551,72
	Rectangle	4019B03	551,72
	Oblong	4019B04	551,72
	O.D. Ground Special Shape	4019B0G	579,75
	EDM Required Special Shape	4019B0E	740,26

HEAD UNIT			
	All shapes	4099B10	136,34

PUNCH (H-PM®)			
	Round	4029B01	77,75
	Square	4029B02	117,20
	Rectangle	4029B03	117,20
	Oblong	4029B04	117,20
	O.D. Ground Special Shape	4029B0G	137,58
	EDM Required Special Shape	4029B0E	291,76

PUNCH GUIDE			
	All shapes	4039B05	240,81

STRIPPER			
	Round	4049B01	26,78
	Square	4049B02	57,35
	Rectangle	4049B03	57,35
	Oblong	4049B04	57,35
	O.D. Ground Special Shape	4049B0G	65,02
	EDM Required Special Shape	4049B0E	71,34

DIE (HWS)			
	Round	4052B01	27,33
	Square	4052B02	65,02
	Rectangle	4052B03	65,02
	Oblong	4052B04	65,02
	O.D. Ground Special Shape	4052B0G	78,98
	EDM Required Special Shape	4052B0E	85,38

SPARE PARTS			PUNCH OPTIONS	
O-Ring (in punch guide)	4092B51	2,54	TiCN coating (working with stainless steel)	49,71
PU ejector Ø 3x6 (in punch)	4092P03	1,31	T-MAX coating (working with galvanised sheet / zincor)	84,51
PU ejector Ø 6x10 (in punch)	4092P06	1,31	A-MAX coating (working with aluminum)	74,57
			WT-shear (whisper shear)	18,64
			DOWT-shear (rooftop shear)	18,64
			2 PT-shear (inverted rooftop shear)	22,38
			4 PT-shear (inverted cross shear)	27,33
			Cutting part under 1,00 mm	+ 40 %

COMPENSATING SHIM FOR PUNCH			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	120,56

SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1	20,38	Reinforced die	8,69
Shimkeeper (0,5 mm)	499B1M95	11,49	H-PM® Quality	8,95
			ps:®tornado-die (vacuum-style)	8,69
			Additional pin hole	16,17



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.
PRICE IN €

PUNCH ASSEMBLY			
	Round	4016B01	335,08
	Square	4016B02	437,00
	Rectangle	4016B03	437,00
	Oblong	4016B04	437,00
	O.D. Ground Special Shape	4016B0G	465,03
	EDM Required Special Shape	4016B0E	635,74

HEAD UNIT			
	All shapes	4094B10	136,34

PUNCH (H-PM®)			
	Round	4024B01	67,55
	Square	4024B02	107,01
	Rectangle	4024B03	107,01
	Oblong	4024B04	107,01
	O.D. Ground Special Shape	4024B0G	127,41
	EDM Required Special Shape	4024B0E	281,59

PUNCH GUIDE			
	Round	4036B01	131,25
	Square	4036B02	193,64
	Rectangle	4036B03	193,64
	Oblong	4036B04	193,64
	O.D. Ground Special Shape	4036B0G	201,29
	EDM Required Special Shape	4036B0E	217,88

DIE (HWS)			
	Round	4052B01	27,33
	Square	4052B02	65,02
	Rectangle	4052B03	65,02
	Oblong	4052B04	65,02
	O.D. Ground Special Shape	4052B0G	78,98
	EDM Required Special Shape	4052B0E	85,38

SPARE PARTS				PUNCH OPTIONS			
O-Ring (in punch guide)	4092B51	2,54		TiCN coating (working with stainless steel)			49,71
PU ejector Ø 3x6 (in punch)	4092P03	1,31		T-MAX coating (working with galvanised sheet / zincor)			84,51
PU ejector Ø 6x10 (in punch)	4092P06	1,31		A-MAX coating (working with aluminum)			74,57

				WT-shear (whisper shear)			18,64
				DOWT-shear (rooftop shear)			18,64
				2 PT-shear (inverted rooftop shear)			22,38
				4 PT-shear (inverted cross shear)			27,33
				Cutting part under 1,00 mm			+ 40 %

COMPENSATING SHIM FOR PUNCH				PUNCH GUIDE OPTIONS			
Not necessary				Additional keyway			120,56

SET OF COMPENSATING SHIMS FOR DIE				DIE OPTIONS			
1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1	20,38		Reinforced die			8,69
Shimkeeper (0,5 mm)	499B1M95	11,49		H-PM® Quality			8,95
				Additional pin hole			16,17

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.	PRICE IN €
PUNCH ASSEMBLY			
	Round	4018B01	358,01
	Square	4018B02	461,17
	Rectangle	4018B03	461,17
	Oblong	4018B04	461,17
	O.D. Ground Special Shape	4018B0G	487,95
	EDM Required Special Shape	4018B0E	659,91

HEAD UNIT			
	All shapes	4095B10	136,34

PUNCH (H-PM®)			
	Round	4025B01	77,75
	Square	4025B02	117,20
	Rectangle	4025B03	117,20
	Oblong	4025B04	117,20
	O.D. Ground Special Shape	4025B0G	137,58
	EDM Required Special Shape	4025B0E	291,76

PUNCH GUIDE			
	Round	4038B01	144,00
	Square	4038B02	207,68
	Rectangle	4038B03	207,68
	Oblong	4038B04	207,68
	O.D. Ground Special Shape	4038B0G	214,03
	EDM Required Special Shape	4038B0E	231,88

DIE (HWS)			
	Round	4052B01	27,33
	Square	4052B02	65,02
	Rectangle	4052B03	65,02
	Oblong	4052B04	65,02
	O.D. Ground Special Shape	4052B0G	78,98
	EDM Required Special Shape	4052B0E	85,38

SPARE PARTS			PUNCH OPTIONS	
O-Ring (in punch guide)	4092B51	2,54	TiCN coating (working with stainless steel)	49,71
PU ejector Ø 3x6 (in punch)	4092P03	1,31	T-MAX coating (working with galvanised sheet / zincor)	84,51
PU ejector Ø 6x10 (in punch)	4092P06	1,31	A-MAX coating (working with aluminum)	74,57
			WT-shear (whisper shear)	18,64
			DOWT-shear (rooftop shear)	18,64
			2 PT-shear (inverted rooftop shear)	22,38
			4 PT-shear (inverted cross shear)	27,33
			Cutting part under 1,00 mm	+ 40 %

COMPENSATING SHIM FOR PUNCH			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	120,56

SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499B1M1	20,38	Reinforced die	8,69
Shimkeeper (0,5 mm)	499B1M95	11,49	H-PM® Quality	8,95
			ps:®tornado-die (vacuum-style)	8,69
			Additional pin hole	16,17

PASS STANDARD I STATION C

DIAMETER UP TO 50,8 MM



PART NO.

PRICE IN €

GUIDE ASSEMBLY			
	All shapes	499C01	982,26

PUNCH (H-PM®)			
	Round	4022C01	123,86
	Square	4022C02	180,22
	Rectangle	4022C03	180,22
	Oblong	4022C04	180,22
	O.D. Ground Special Shape	4022C0G	222,98
	EDM Required Special Shape	4022C0E	481,56

STRIPPER			
	Round	4032C01	26,78
	Square	4032C02	50,95
	Rectangle	4032C03	50,95
	Oblong	4032C04	50,95
	O.D. Ground Special Shape	4032C0G	58,60
	EDM Required Special Shape	4032C0E	89,19

DIE (HWS)			
	Round	4052C01	77,75
	Square	4052C02	196,19
	Rectangle	4052C03	196,19
	Oblong	4052C04	196,19
	O.D. Ground Special Shape	4052C0G	210,23
	EDM Required Special Shape	4052C0E	256,10

SPARE PARTS				PUNCH OPTIONS			
PU ejector Ø 3x6 (in punch)	4092P03	1,31		TiCN coating (working with stainless steel)			73,33
PU ejector Ø 6x10 (in punch)	4092P06	1,31		T-MAX coating (working with galvanised sheet / zincor)			126,77
Set clamps with screws	499C71	16,59		A-MAX coating (working with aluminum)			110,62
Guiding key with screws	499C63	50,95		WT-shear (whisper shear)			0,00
				DOWT-shear (rooftop shear)			0,00
				2 PT-shear (inverted rooftop shear)			31,07
				4 PT-shear (inverted cross shear)			37,29
				Additional keyway			54,69
				Cutting part under 1,00 mm			+ 40 %
SET OF COMPENSATING SHIMS FOR PUNCH				PUNCH GUIDE OPTIONS			
1x0,4 mm/1x0,8 mm/1x1,2 mm	499C1S1	28,03		Additional keyway			146,65
SET OF COMPENSATING SHIMS FOR DIE				DIE OPTIONS			
1x0,4 mm/1x0,8 mm/1x1,2 mm	499C2M1	31,88		H-PM® Quality			14,05
				Additional keyway			16,17

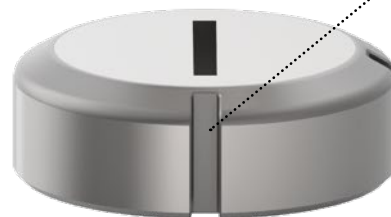
ps:®alpha-V2 ABS I STATION C

DIAMETER UP TO 50,8 MM

	PART NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4031C01	1645,96
PUNCH (H-PM®)		
Round	4021C01	150,60
Square	4021C02	219,74
Rectangle	4021C03	219,74
Oblong	4021C04	219,74
O.D. Ground Special Shape	4021C0G	262,43
EDM Required Special Shape	4021C0E	522,32
STRIPPER		
Round	4041C01	100,68
Square	4041C02	100,68
Rectangle	4041C03	100,68
Oblong	4041C04	100,68
O.D. Ground Special Shape	4041C0G	107,01
EDM Required Special Shape	4041C0E	113,42
DIE (HWS)		
Round	4052C01	77,75
Square	4052C02	196,19
Rectangle	4052C03	196,19
Oblong	4052C04	196,19
O.D. Ground Special Shape	4052C0G	210,23
EDM Required Special Shape	4052C0E	256,10



Die with
keyway for PDC-system
+ 16,17 additional costs
Part-No.: „see left“ -2 (e.g.:
4052C04-2)



SPARE PARTS			PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	73,33
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	126,77
			A-MAX coating (working with aluminum)	110,62
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %

COMPENSATING SHIM FOR PUNCH

Not necessary

SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499C2M1	31,88	H-PM® Quality	14,05
			Additional keyway	16,17

ps:®beta-V2® | STATION C

DIAMETER UP TO 50,8 MM



	PART-NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4030C01	1645,96
PUNCH (H-PM®)		
Round	4020C01	123,86
Square	4020C02	180,22
Rectangle	4020C03	180,22
Oblong	4020C04	180,22
O.D. Ground Special Shape	4020C0G	222,98
EDM Required Special Shape	4020C0E	481,56
STRIPPER		
Round	4040C01	26,78
Square	4040C02	50,95
Rectangle	4040C03	50,95
Oblong	4040C04	50,95
O.D. Ground Special Shape	4040C0G	58,60
EDM Required Special Shape	4040C0E	89,19
DIE (HWS)		
Round	4052C01	77,75
Square	4052C02	196,19
Rectangle	4052C03	196,19
Oblong	4052C04	196,19
O.D. Ground Special Shape	4052C0G	210,23
EDM Required Special Shape	4052C0E	256,10

SPARE PARTS			PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	73,33
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	126,77
			A-MAX coating (working with aluminum)	110,62
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR PUNCH			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499C2M1	31,88	H-PM® Quality	14,05
			Additional keyway	16,17

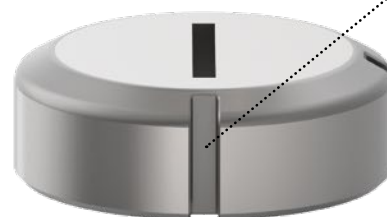
ps:®beta-V2® ABS I STATION C

DIAMETER UP TO 50,8 MM

	PART NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4039C01	1645,96
PUNCH (H-PM®)		
Round	4029C01	150,60
Square	4029C02	219,74
Rectangle	4029C03	219,74
Oblong	4029C04	219,74
O.D. Ground Special Shape	4029C0G	262,43
EDM Required Special Shape	4029C0E	522,32
STRIPPER		
Round	4049C01	100,68
Square	4049C02	100,68
Rectangle	4049C03	100,68
Oblong	4049C04	100,68
O.D. Ground Special Shape	4049C0G	107,01
EDM Required Special Shape	4049C0E	113,42
DIE (HWS)		
Round	4052C01	77,75
Square	4052C02	196,19
Rectangle	4052C03	196,19
Oblong	4052C04	196,19
O.D. Ground Special Shape	4052C0G	210,23
EDM Required Special Shape	4052C0E	256,10



Die with
keyway for PDC-system
+ 16,17 additional costs
Part-No.: „see left“ -2 (e.g.:
4052C04-2)



SPARE PARTS			PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	73,33
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	126,77
			A-MAX coating (working with aluminum)	110,62
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR PUNCH			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499C2M1	31,88	H-PM® Quality	14,05
			Additional keyway	16,17

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



	PART-NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4030C01	1645,96
SLITTING PUNCH HOLDER		
All shapes	4220CT00	281,59
SLITTING PUNCH (MAX. 6,35X50) H-PM®)		
Rectangle	4020CT03	140,13
Oblong	4020CT04	140,13
Trapezoid G09	4020CT0G	154,18
Double Trapezoid E03	4020CT0E	254,78
STRIPPER		
Rectangle	4040CT03	50,95
Oblong	4040CT04	50,95
Trapezoid G09	4040CT0G	58,60
Double Trapezoid E03	4040CT0E	89,19
REVERSIBLE PLATE HOLDER		
	4390CT00	384,74
REVERSIBLE PLATE (H-PM®)		
Rectangle	4052CT03	113,42
Oblong	4052CT04	113,42
Trapezoid G09	4052CT0G	127,41
Double Trapezoid E03	4052CT0E	154,18

SPARE PARTS		PUNCH OPTIONS		
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	65,88
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	113,11
			A-MAX coating (working with aluminum)	99,42
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR SLITTING PUNCH HOLDER		PUNCH GUIDE OPTIONS		
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR REVERSIBLE PLATE		DIE OPTIONS		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499CT60	40,76	Additional keyway	16,17

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

	PART NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4039C01	1645,96
SLITTING PUNCH HOLDER		
All shapes	4229CT00	321,03
SLITTING PUNCH (MAX. 6,35X50) H-PM®)		
Rectangle	4029CT03	140,13
Oblong	4029CT04	140,13
Trapezoid G09	4029CT0G	154,18
Double Trapezoid E03	4029CT0E	254,78
STRIPPER		
Rectangle	4049CT03	100,68
Oblong	4049CT04	100,68
Trapezoid G09	4049CT0G	107,01
Double Trapezoid E03	4049CT0E	113,42
REVERSIBLE PLATE HOLDER		
	4399CT00	384,74
REVERSIBLE PLATE (H-PM®)		
Rectangle	4052CT03	113,42
Oblong	4052CT04	113,42
Trapezoid G09	4052CT0G	127,41
Double Trapezoid E03	4052CT0E	154,18



Die with
keyway for PDC-system
+ 16,17 additional costs
Part-No.: „see left“ -2 (e.g.:
4399CT00-2)

SPARE PARTS			PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TICN coating (working with stainless steel)	65,88
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	113,11
			A-MAX coating (working with aluminum)	99,42
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR SLITTING PUNCH HOLDER			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR REVERSIBLE PLATE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499CT60	40,76	Additional keyway	16,17

PASS STANDARD I STATION D

DIAMETER UP TO 88,9 MM



	PART-NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	499D01	1183,55
PUNCH (H-PM®)		
Round	4022D01	244,38
Square	4022D02	287,11
Rectangle	4022D03	287,11
Oblong	4022D04	287,11
O.D. Ground Special Shape	4022D0G	324,89
EDM Required Special Shape	4022D0E	647,17
STRIPPER		
Round	4032D01	33,12
Square	4032D02	57,35
Rectangle	4032D03	57,35
Oblong	4032D04	57,35
O.D. Ground Special Shape	4032D0G	62,46
EDM Required Special Shape	4032D0E	104,46
DIE (HWS)		
Round	4052D01	119,74
Square	4052D02	231,88
Rectangle	4052D03	231,88
Oblong	4052D04	231,88
O.D. Ground Special Shape	4052D0G	244,59
EDM Required Special Shape	4052D0E	303,20

SPARE PARTS		PUNCH OPTIONS		
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	96,94
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	166,55
Set clamps with screws	499D71	16,59	A-MAX coating (working with aluminum)	145,42
Guiding key with screws	499D63	36,97	WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
SET OF COMPENSATING SHIMS FOR PUNCH		PUNCH GUIDE OPTIONS		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499D3S1	35,66	Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR DIE		DIE OPTIONS		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499D2M1	44,61	H-PM® Quality	19,14
			Additional keyway	16,17

ps:® alpha-V2 ABS I STATION D

DIAMETER UP TO 88,9 MM

	PART NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4031D01	1979,74
PUNCH (H-PM®)		
Round	4021D01	271,11
Square	4021D02	327,87
Rectangle	4021D03	327,87
Oblong	4021D04	327,87
O.D. Ground Special Shape	4021D0G	365,67
EDM Required Special Shape	4021D0E	687,94
STRIPPER		
Round	4041D01	114,66
Square	4041D02	114,66
Rectangle	4041D03	114,66
Oblong	4041D04	114,66
O.D. Ground Special Shape	4041D0G	121,06
EDM Required Special Shape	4041D0E	127,41
DIE (HWS)		
Round	4052D01	119,74
Square	4052D02	231,88
Rectangle	4052D03	231,88
Oblong	4052D04	231,88
O.D. Ground Special Shape	4052D0G	244,59
EDM Required Special Shape	4052D0E	303,20



Die with keyway for PDC-system + 16,17 additional costs Part-No.: „see left“ -2 (e.g.: 4052D04-2)

SPARE PARTS			PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	96,94
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	166,55
			A-MAX coating (working with aluminum)	145,42
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %

COMPENSATING SHIM FOR PUNCH		
Not necessary		

SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499D2M1	44,61	H-PM® Quality	19,14
			Additional keyway	16,17

ps:®beta-V2® I STATION D

DIAMETER UP TO 88,9 MM



	PART-NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4030D01	1979,74
PUNCH (H-PM®)		
Round	4020D01	244,38
Square	4020D02	287,11
Rectangle	4020D03	287,11
Oblong	4020D04	287,11
O.D. Ground Special Shape	4020D0G	324,89
EDM Required Special Shape	4020D0E	647,17
STRIPPER		
Round	4040D01	33,12
Square	4040D02	57,35
Rectangle	4040D03	57,35
Oblong	4040D04	57,35
O.D. Ground Special Shape	4040D0G	62,46
EDM Required Special Shape	4040D0E	104,46
DIE (HWS)		
Round	4052D01	119,74
Square	4052D02	231,88
Rectangle	4052D03	231,88
Oblong	4052D04	231,88
O.D. Ground Special Shape	4052D0G	244,59
EDM Required Special Shape	4052D0E	303,20

SPARE PARTS		PUNCH OPTIONS		
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	96,94
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	166,55
			A-MAX coating (working with aluminum)	145,42
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR PUNCH		PUNCH GUIDE OPTIONS		
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR DIE		DIE OPTIONS		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499D2M1	44,61	H-PM® Quality	19,14
			Additional keyway	16,17

ps:®beta-V2® ABS I STATION D

DIAMETER UP TO 88,9 MM

	PART NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4039D01	1979,74
PUNCH (H-PM®)		
Round	4029D01	271,11
Square	4029D02	327,87
Rectangle	4029D03	327,87
Oblong	4029D04	327,87
O.D. Ground Special Shape	4029D0G	365,67
EDM Required Special Shape	4029D0E	687,94
STRIPPER		
Round	4049D01	114,66
Square	4049D02	114,66
Rectangle	4049D03	114,66
Oblong	4049D04	114,66
O.D. Ground Special Shape	4049D0G	121,06
EDM Required Special Shape	4049D0E	127,41
DIE (HWS)		
Round	4052D01	119,74
Square	4052D02	231,88
Rectangle	4052D03	231,88
Oblong	4052D04	231,88
O.D. Ground Special Shape	4052D0G	244,59
EDM Required Special Shape	4052D0E	303,20



SPARE PARTS			PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	96,94
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	166,55
			A-MAX coating (working with aluminum)	145,42
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR PUNCH			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499D2M1	44,61	H-PM® Quality	19,14
			Additional keyway	16,17

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



	PART NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4030D01	1979,74
SLITTING PUNCH HOLDER		
All shapes	4220DT00	341,42
SLITTING PUNCH (MAX. 6,35X85) / (H-PM®)		
Rectangle	4020DT03	166,91
Oblong	4020DT04	166,91
Trapezoid G09	4020DT0G	180,91
Double Trapezoid E03	4020DT0E	294,31
STRIPPER		
Rectangle	4040DT03	57,35
Oblong	4040DT04	57,35
Trapezoid G09	4040DT0G	62,46
Double Trapezoid E03	4040DT0E	104,46
REVERSIBLE PLATE HOLDER		
	4390DT00	493,05
REVERSIBLE PLATE (H-PM®)		
Rectangle	4052DT03	140,13
Oblong	4052DT04	140,13
Trapezoid G09	4052DT0G	154,18
Double Trapezoid E03	4052DT0E	180,91

SPARE PARTS			PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	84,51
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	146,65
			A-MAX coating (working with aluminum)	126,77
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR SLITTING PUNCH HOLDER			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR REVERSIBLE PLATE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499DT60	59,91	Additional keyway	16,17

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

	PART NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4039D01	1979,74
SLITTING PUNCH HOLDER		
All shapes	4229DT00	380,96
SLITTING PUNCH (MAX. 6,35X85) / (H-PM®)		
Rectangle	4029DT03	166,91
Oblong	4029DT04	166,91
Trapezoid G09	4029DT0G	180,91
Double Trapezoid E03	4029DT0E	294,31
STRIPPER		
Rectangle	4049DT03	114,66
Oblong	4049DT04	114,66
Trapezoid G09	4049DT0G	121,06
Double Trapezoid E03	4049DT0E	127,41
REVERSIBLE PLATE HOLDER		
	4399DT00	493,05
REVERSIBLE PLATE (H-PM®)		
Rectangle	4052DT03	140,13
Oblong	4052DT04	140,13
Trapezoid G09	4052DT0G	154,18
Double Trapezoid E03	4052DT0E	180,91



SPARE PARTS			PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	84,51
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	146,65
			A-MAX coating (working with aluminum)	126,77
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR SLITTING PUNCH HOLDER			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR REVERSIBLE PLATE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499DT60	59,91	Additional keyway	16,17

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

CLOSE TO CLAMP



		PART NO.	PRICE IN €
GUIDE ASSEMBLY			
	All shapes	4030DTP01	2247,26
SLITTING PUNCH HOLDER			
	All shapes	4220DT00	341,42
SLITTING PUNCH (MAX. 6,35X85) / (H-PM®)			
	Rectangle	4020DT03	166,91
	Oblong	4020DT04	166,91
	Trapezoid G09	4020DT0G	180,91
	Double Trapezoid E03	4020DT0E	294,31
STRIPPER ONE-SIDED FREE			
	Rectangle	4040DTP03-1	220,42
	Oblong	4040DTP04-1	220,42
	Trapezoid G09	4040DTP0G-1	226,77
	Double Trapezoid E03	4040DTP0E-1	281,59
STRIPPER TWO-SIDED FREE			
	Rectangle	4040DTP03-2	220,42
	Oblong	4040DTP04-2	220,42
	Trapezoid G09	4040DTP0G-2	226,77
	Double Trapezoid E03	4040DTP0E-2	281,59
DIE ONE-SIDED FREE (HWS)			
	Rectangle	4052DTP03-1	301,96
	Oblong	4052DTP04-1	301,96
	Trapezoid G09	4052DTP0G-1	363,10
	Double Trapezoid E03	4052DTP0E-1	484,11
DIE TWO-SIDED FREE (HWS)			
	Rectangle	4052DTP03-2	301,96
	Oblong	4052DTP04-2	301,96
	Trapezoid G09	4052DTP0G-2	363,10
	Double Trapezoid E03	4052DTP0E-2	484,11

SPARE PARTS			PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	84,51
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	146,65
			A-MAX coating (working with aluminum)	126,77
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR SLITTING PUNCH HOLDER			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499D2M1	44,61	H-PM® Quality	19,14
			Additional keyway	16,17

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

	PART NO.	PRICE IN €		
GUIDE ASSEMBLY				
All shapes	4039DTP01	2247,26		
SLITTING PUNCH HOLDER				
All shapes	4229DT00	380,96		
SLITTING PUNCH (MAX. 6,35X85) / (H-PM®)				
Rectangle	4029DT03	166,91		
Oblong	4029DT04	166,91		
Trapezoid G09	4029DTP0G	180,91		
Double Trapezoid E03	4029DT0E	294,31		
STRIPPER ONE-SIDED FREE				
Rectangle	4049DTP03-1	289,22		
Oblong	4049DTP04-1	289,22		
Trapezoid G09	4049DTP0G-1	294,31		
Double Trapezoid E03	4049DTP0E-1	300,66		
STRIPPER TWO-SIDED FREE				
Rectangle	4049DTP03-2	289,22		
Oblong	4049DTP04-2	289,22		
Trapezoid G09	4049DTP0G-2	294,31		
Double Trapezoid E03	4049DTP0E-2	300,66		
DIE ONE-SIDED FREE (HWS)				
Rectangle	4052DTP03-1	301,96		
Oblong	4052DTP04-1	301,96		
Trapezoid G09	4052DTP0G-1	363,10		
Double Trapezoid E03	4052DTP0E-1	484,11		
DIE TWO-SIDED FREE (HWS)				
Rectangle	4052DTP03-2	301,96		
Oblong	4052DTP04-2	301,96		
Trapezoid G09	4052DTP0G-2	363,10		
Double Trapezoid E03	4052DTP0E-2	484,11		
SPARE PARTS		PUNCH OPTIONS		
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	84,51
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	146,65
			A-MAX coating (working with aluminum)	126,77
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
SET OF COMPENSATING SHIMS FOR SLITTING PUNCH HOLDER		PUNCH GUIDE OPTIONS		
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR DIE		DIE OPTIONS		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499D2M1	44,61	H-PM® Quality	19,14
			Additional keyway	16,17



PASS STANDARD I STATION E

DIAMETER UP TO 114,3 MM



	PART NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	499E01	1414,10
PUNCH (H-PM®)		
Round	4022E01	327,91
Square	4022E02	429,34
Rectangle	4022E03	429,34
Oblong	4022E04	429,34
O.D. Ground Special Shape	4022E0G	454,83
EDM Required Special Shape	4022E0E	847,21
STRIPPER		
Round	4032E01	44,62
Square	4032E02	71,34
Rectangle	4032E03	71,34
Oblong	4032E04	71,34
O.D. Ground Special Shape	4032E0G	76,44
EDM Required Special Shape	4032E0E	128,69
DIE (HWS)		
Round	4052E01	179,67
Square	4052E02	350,37
Rectangle	4052E03	350,37
Oblong	4052E04	350,37
O.D. Ground Special Shape	4052E0G	364,36
EDM Required Special Shape	4052E0E	448,44

SPARE PARTS		PUNCH OPTIONS		
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	120,56
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	206,31
Set clamps with screws	499E71	16,59	A-MAX coating (working with aluminum)	181,45
Guiding key with screws	499E63	36,97	WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
SET OF COMPENSATING SHIMS FOR PUNCH		PUNCH GUIDE OPTIONS		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499E3S1	52,26	Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR DIE		DIE OPTIONS		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499E2M1	56,06	H-PM® Quality	24,24
			Additional keyway	16,17

ps:® alpha-V2 ABS I STATION E

DIAMETER UP TO 114,3 MM

	PART-NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4031E01	2381,07
PUNCH (H-PM®)		
Round	4021E01	354,70
Square	4021E02	470,12
Rectangle	4021E03	470,12
Oblong	4021E04	470,12
O.D. Ground Special Shape	4021E0G	495,59
EDM Required Special Shape	4021E0E	886,68
STRIPPER		
Round	4041E01	138,90
Square	4041E02	138,90
Rectangle	4041E03	138,90
Oblong	4041E04	138,90
O.D. Ground Special Shape	4041E0G	145,23
EDM Required Special Shape	4041E0E	151,63
DIE (HWS)		
Round	4052E01	179,67
Square	4052E02	350,37
Rectangle	4052E03	350,37
Oblong	4052E04	350,37
O.D. Ground Special Shape	4052E0G	364,36
EDM Required Special Shape	4052E0E	448,44



SPARE PARTS			PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	120,56
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	206,31
			A-MAX coating (working with aluminum)	181,45
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %

COMPENSATING SHIM FOR PUNCH		
Not necessary		

SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499E2M1	56,06	H-PM® Quality	24,24
			Additional keyway	16,17

ps:®beta-V2® | STATION E

DIAMETER UP TO 114,3 MM



	PART-NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4030E01	2381,07
PUNCH (H-PM®)		
Round	4020E01	327,91
Square	4020E02	429,34
Rectangle	4020E03	429,34
Oblong	4020E04	429,34
O.D. Ground Special Shape	4020E0G	454,83
EDM Required Special Shape	4020E0E	847,21
STRIPPER		
Round	4040E01	44,61
Square	4040E02	71,34
Rectangle	4040E03	71,34
Oblong	4040E04	71,34
O.D. Ground Special Shape	4040E0G	76,44
EDM Required Special Shape	4040E0E	128,69
DIE (HWS)		
Round	4052E01	179,67
Square	4052E02	350,37
Rectangle	4052E03	350,37
Oblong	4052E04	350,37
O.D. Ground Special Shape	4052E0G	364,36
EDM Required Special Shape	4052E0E	448,44

SPARE PARTS		PUNCH OPTIONS		
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	120,56
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	206,31
			A-MAX coating (working with aluminum)	181,45
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR PUNCH		PUNCH GUIDE OPTIONS		
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR DIE		DIE OPTIONS		
1x0,4 mm/1x0,8 mm/1x1,2 mm	499E2M1	56,06	H-PM® Quality	24,24
			Additional keyway	16,17

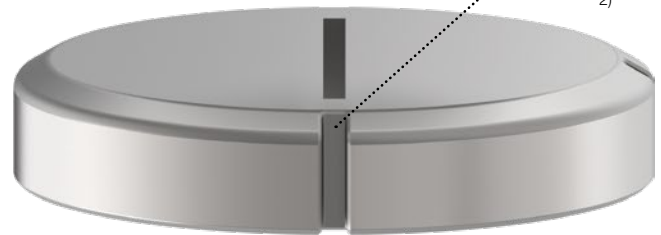
ps:® beta-V2® ABS I STATION E

DIAMETER UP TO 114,3 MM

	PART NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4039E01	2381,07
PUNCH (H-PM®)		
Round	4029E01	354,70
Square	4029E02	470,12
Rectangle	4029E03	470,12
Oblong	4029E04	470,12
O.D. Ground Special Shape	4029E0G	495,59
EDM Required Special Shape	4029E0E	886,68
STRIPPER		
Round	4049E01	138,90
Square	4049E02	138,90
Rectangle	4049E03	138,90
Oblong	4049E04	138,90
O.D. Ground Special Shape	4049E0G	145,23
EDM Required Special Shape	4049E0E	151,63
DIE (HWS)		
Round	4052E01	179,67
Square	4052E02	350,37
Rectangle	4052E03	350,37
Oblong	4052E04	350,37
O.D. Ground Special Shape	4052E0G	364,36
EDM Required Special Shape	4052E0E	448,44



Die with
keyway for PDC-system
+ 16,17 additional costs
Part-No.: „see left“ -2 (e.g.: 4052E04-
2)



SPARE PARTS		PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel) 120,56
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor) 206,31
			A-MAX coating (working with aluminum) 181,45
			WT-shear (whisper shear) 0,00
			DOWT-shear (rooftop shear) 0,00
			2 PT-shear (inverted rooftop shear) 31,07
			4 PT-shear (inverted cross shear) 37,29
			Additional keyway 54,69
			Cutting part under 1,00 mm + 40 %
COMPENSATING SHIM FOR PUNCH		PUNCH GUIDE OPTIONS	
Not necessary		Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR DIE		DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499E2M1	56,06	H-PM® Quality 24,24
			Additional keyway 16,17

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



	PART NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4030E01	2381,07
SLITTING PUNCH HOLDER		
All shapes	4220ET00	415,31
SLITTING PUNCH (MAX. 6,35X111) / (H-PM®)		
Rectangle	4020ET03	214,03
Oblong	4020ET04	214,03
Trapezoid G09	4020ET0G	228,07
Double Trapezoid E03	4020ET0E	361,79
STRIPPER		
Rectangle	4040ET03	71,34
Oblong	4040ET04	71,34
Trapezoid G09	4040ET0G	76,44
Double Trapezoid E03	4040ET0E	128,69
REVERSIBLE PLATE HOLDER		
	4390ET00	620,46
REVERSIBLE PLATE (H-PM®)		
Rectangle	4052ET03	174,56
Oblong	4052ET04	174,56
Trapezoid G09	4052ET0G	180,91
Double Trapezoid E03	4052ET0E	207,68

SPARE PARTS			PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TICN coating (working with stainless steel)	98,19
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	171,51
			A-MAX coating (working with aluminum)	147,91
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR SLITTING PUNCH HOLDER			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR REVERSIBLE PLATE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499ET60	87,93	Additional keyway	16,17

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

	PART-NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4039E01	2381,07
SLITTING PUNCH HOLDER		
All shapes	4229ET00	415,31
SLITTING PUNCH (MAX. 6,35X111) / (H-PM®)		
Rectangle	4029ET03	214,03
Oblong	4029ET04	214,03
Trapezoid G09	4029ET0G	228,07
Double Trapezoid E03	4029ET0E	361,79
STRIPPER		
Rectangle	4049ET03	138,90
Oblong	4049ET04	138,90
Trapezoid G09	4049ET0G	145,23
Double Trapezoid E03	4049ET0E	151,63
REVERSIBLE PLATE HOLDER		
	4399ET00	620,46
REVERSIBLE PLATE (H-PM®)		
Rectangle	4052ET03	174,56
Oblong	4052ET04	174,56
Trapezoid G09	4052ET0G	180,91
Double Trapezoid E03	4052ET0E	207,68



SPARE PARTS			PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TICN coating (working with stainless steel)	98,19
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	171,51
			A-MAX coating (working with aluminum)	147,91
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
SET OF COMPENSATING SHIMS FOR SLITTING PUNCH HOLDER			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR REVERSIBLE PLATE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499ET60	87,93	Additional keyway	16,17

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



	PART-NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4030ETP01	2648,59
SLITTING PUNCH HOLDER		
All shapes	4220ET00	415,31
SLITTING PUNCH (MAX. 6,35X111) / (H-PM®)		
Rectangle	4020ET03	214,03
Oblong	4020ET04	214,03
Trapezoid G09	4020ET0G	228,07
Double Trapezoid E03	4020ET0E	361,79
STRIPPER ONE-SIDED FREE		
Rectangle	4040ETP03-1	261,19
Oblong	4040ETP04-1	261,19
Trapezoid G09	4040ETP0G-1	267,54
Double Trapezoid E03	4040ETP0E-1	321,03
STRIPPER TWO-SIDED FREE		
Rectangle	4040ETP03-2	261,19
Oblong	4040ETP04-2	261,19
Trapezoid G09	4040ETP0G-2	267,54
Double Trapezoid E03	4040ETP0E-2	321,03
DIE ONE-SIDED FREE (HWS)		
Rectangle	4052ETP03-1	475,21
Oblong	4052ETP04-1	475,21
Trapezoid G09	4052ETP0G-1	522,32
Double Trapezoid E03	4052ETP0E-1	575,83
DIE TWO-SIDED FREE (HWS)		
Rectangle	4052ETP03-2	475,21
Oblong	4052ETP04-2	475,21
Trapezoid G09	4052ETP0G-2	522,32
Double Trapezoid E03	4052ETP0E-2	575,83

SPARE PARTS			PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	98,19
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	171,51
			A-MAX coating (working with aluminum)	147,91
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR SLITTING PUNCH HOLDER			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499E2M1	56,06	H-PM® Quality	24,24
			Additional keyway	16,17

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

	PART-NO.	PRICE IN €
GUIDE ASSEMBLY		
All shapes	4039ETP01	2648,59
SLITTING PUNCH HOLDER		
All shapes	4229ET00	415,31
SLITTING PUNCH (MAX. 6,35X111) / (H-PM®)		
Rectangle	4029ET03	214,03
Oblong	4029ET04	214,03
Trapezoid G09	4029ET0G	228,07
Double Trapezoid E03	4029ET0E	361,79
STRIPPER ONE-SIDED FREE		
Rectangle	4049ETP03-1	347,84
Oblong	4049ETP04-1	347,84
Trapezoid G09	4049ETP0G-1	354,15
Double Trapezoid E03	4049ETP0E-1	360,56
STRIPPER TWO-SIDED FREE		
Rectangle	4049ETP03-2	347,84
Oblong	4049ETP04-2	347,84
Trapezoid G09	4049ETP0G-2	354,15
Double Trapezoid E03	4049ETP0E-2	360,56
DIE ONE-SIDED FREE (HWS)		
Rectangle	4052ETP03-1	475,21
Oblong	4052ETP04-1	475,21
Trapezoid G09	4052ETP0G-1	522,32
Double Trapezoid E03	4052ETP0E-1	575,83
DIE TWO-SIDED FREE (HWS)		
Rectangle	4052ETP03-2	475,21
Oblong	4052ETP04-2	475,21
Trapezoid G09	4052ETP0G-2	522,32
Double Trapezoid E03	4052ETP0E-2	575,83



SPARE PARTS			PUNCH OPTIONS	
PU ejector Ø 3x6 (in punch)	4092P03	1,31	TiCN coating (working with stainless steel)	98,19
PU ejector Ø 6x10 (in punch)	4092P06	1,31	T-MAX coating (working with galvanised sheet / zincor)	171,51
			A-MAX coating (working with aluminum)	147,91
			WT-shear (whisper shear)	0,00
			DOWT-shear (rooftop shear)	0,00
			2 PT-shear (inverted rooftop shear)	31,07
			4 PT-shear (inverted cross shear)	37,29
			Additional keyway	54,69
			Cutting part under 1,00 mm	+ 40 %
COMPENSATING SHIM FOR SLITTING PUNCH HOLDER			PUNCH GUIDE OPTIONS	
Not necessary			Additional keyway	146,65
SET OF COMPENSATING SHIMS FOR DIE			DIE OPTIONS	
1x0,4 mm/1x0,8 mm/1x1,2 mm	499E2M1	56,06	H-PM® Quality	24,24
			Additional keyway	16,17



SPECIAL TOOLS

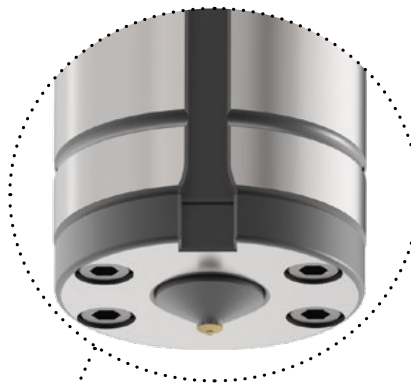
PASS EXTRA TOOLS FOR YOUR
THICK TURRET SYSTEM

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ps:®marking-all-in-one

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ps:® marking-all-in-one



SIGNING AND
CENTRE PUNCH TOOL



MARKING TOOL



ENGRAVING TOOL



FOIL TEARING TOOL

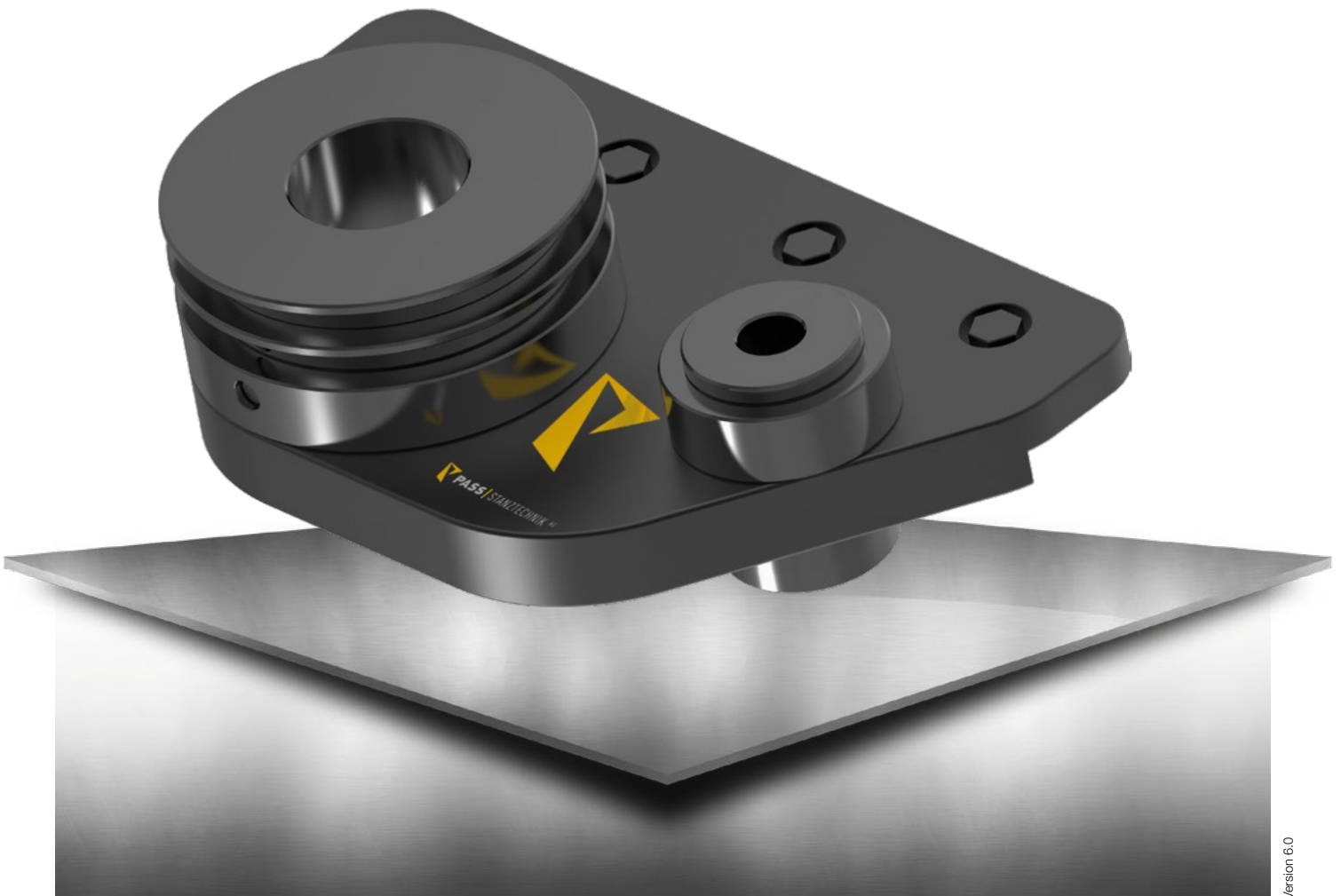


	PART NO.	PRICE IN €
ps:®marking-all-in-one		
Complete set	499104000	1464,10



SPARE PARTS

Center punch needle made of H-PM®	199103930	17,84
Engraving needle with diamond point	199103962	118,07
Foil tearing needle made of brass	199103940	32,46
Marking pen	499104036	9,94



ACCESSORIES

PASS ACCESSORIES FOR YOUR
THICK TURRET SYSTEM

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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



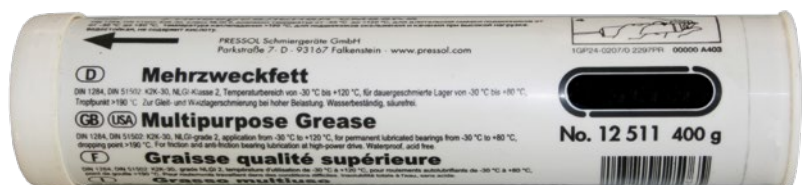
EQUIPPED BASE PLATE

	PART-NO.	PRICE IN €
SOCKET SET INCL. BASE PLATE		
Set consists of: 5 sockets (Stat. A-E) + 1 base plate	499M18000	789,86

PASS ASSEMBLING SET

FOR PASS GUIDE ASSEMBLY STAT. C , D , E

	PART-NO.	PRICE IN €
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	667,55



PASS ADAPTER

PUNCH ADAPTER

Surface-hardened and polished



DIE ADAPTER

Surface-hardened and polished

2 clamping screws



	STATION	PART-NO.	PRICE IN €
PASS ADAPTER			
Punch adapter	B/A	401BAS1	258,39
Die adapter ⁽¹⁾⁽³⁾	B/A	401BAM1	187,29
Punch adapter	C/B	401CBS1	408,79
Die adapter ⁽¹⁾⁽³⁾	C/B	401CBM1	251,56
Punch adapter	D/A	401DAS1	762,88
Die adapter ⁽¹⁾⁽³⁾	D/A	401DAM1	470,31
Punch adapter	D/B	401DBS1	762,88
Die adapter ⁽³⁾⁽⁵⁾	D/B	401DBM1	470,31
Punch adapter	D/C	401DCS1	762,88
Die adapter ⁽¹⁾⁽²⁾⁽³⁾	D/C	401DCM1	470,31

⁽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	258,39
Die adapter ⁽⁵⁾	B/A	401BAM3	187,29
Punch adapter	C/B	401CBS3	408,79
Die adapter ⁽⁵⁾	C/B	401CBM3	251,56
Punch adapter	D/A	401DAS3	762,88
Die adapter ⁽⁵⁾	D/A	401DAM3	470,31
Punch adapter	D/B	401DBS3	762,88
Die adapter ⁽⁵⁾	D/B	401DBM3	470,31
Punch adapter	D/C	401DCS3	762,88
Die adapter ⁽⁵⁾	D/C		not usable

⁽⁵⁾ height h = 30 mm

PASS DIES

WITH BRUSH INSERTS

	STATION	PART-NO.	PRICE IN €
PASS DIES WITH BRUSH INSERTS			
1x Ø13	A	441711A01	36,97
3x Ø13	B	441711B01	54,81
7x Ø13	C	441711C01	109,56
19x Ø13	D	441711D01	164,38
35x Ø13	E	441711E01	272,64



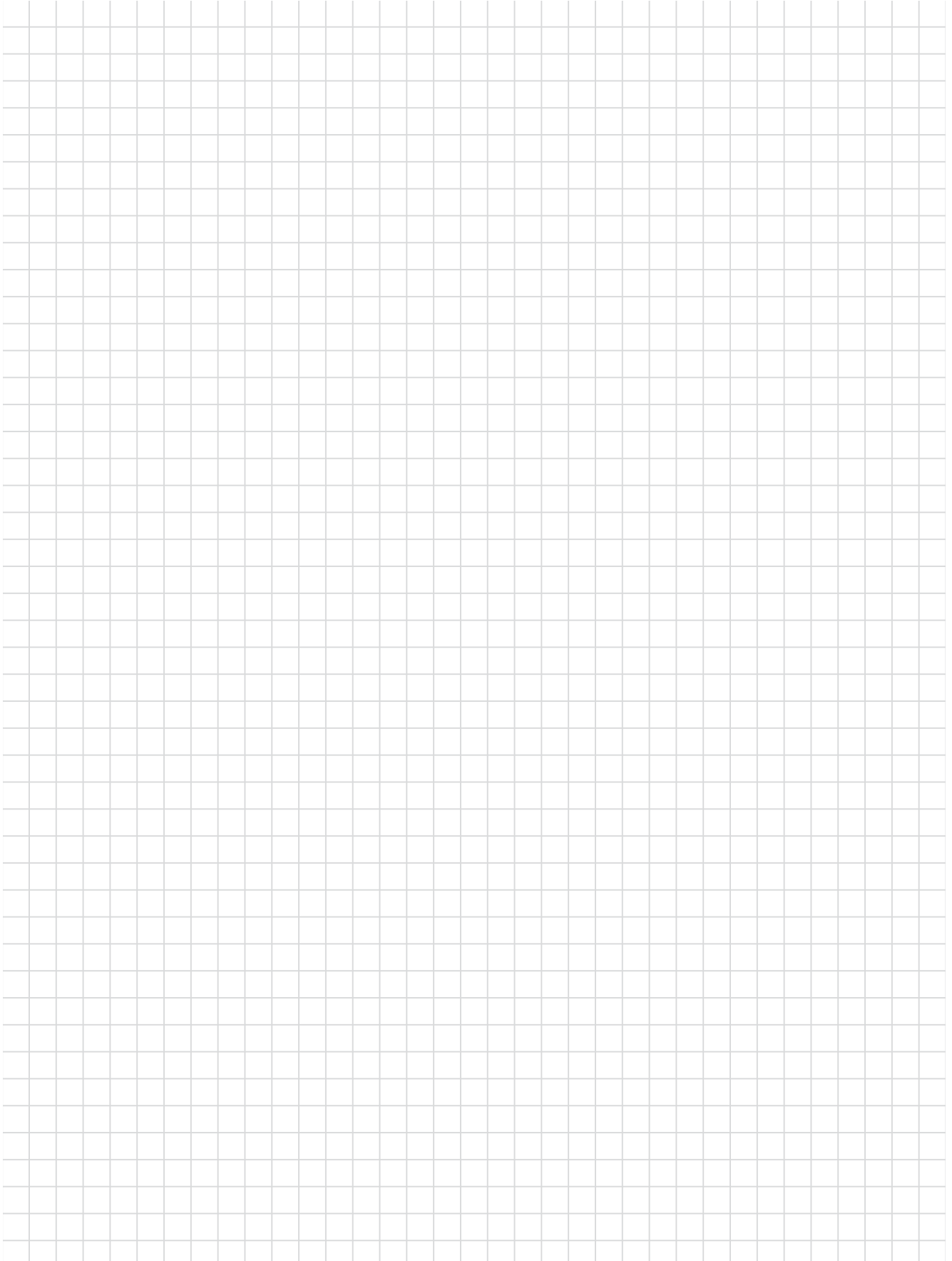
SPARE PARTS

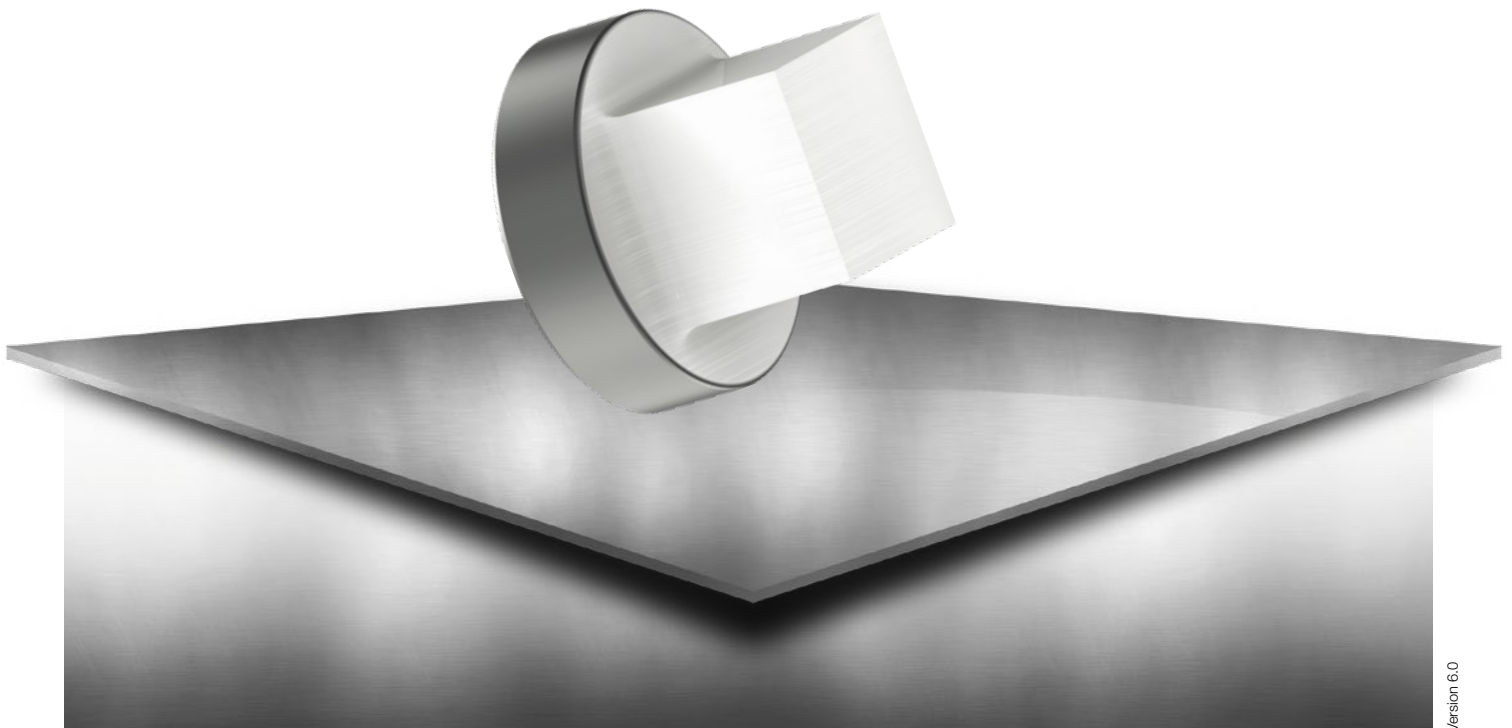
Brush inserts Ø 13 mm (piece)	200B00	2,05
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PASS T-HANDLE



		PART-NO.	PRICE IN €
T-HANDLE			
	M14	999000024	38,01





OPTIONS

PASS OPTIONS FOR YOUR THICK TURRET SYSTEM

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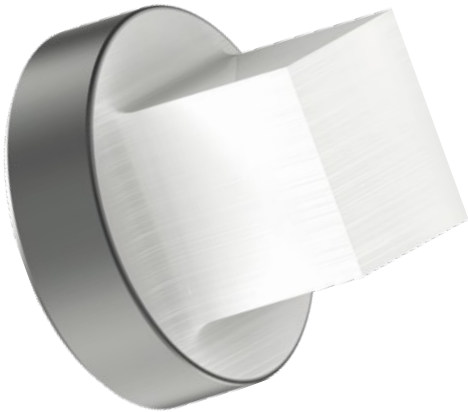
Draw-polishing

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DRAW-POLISHING

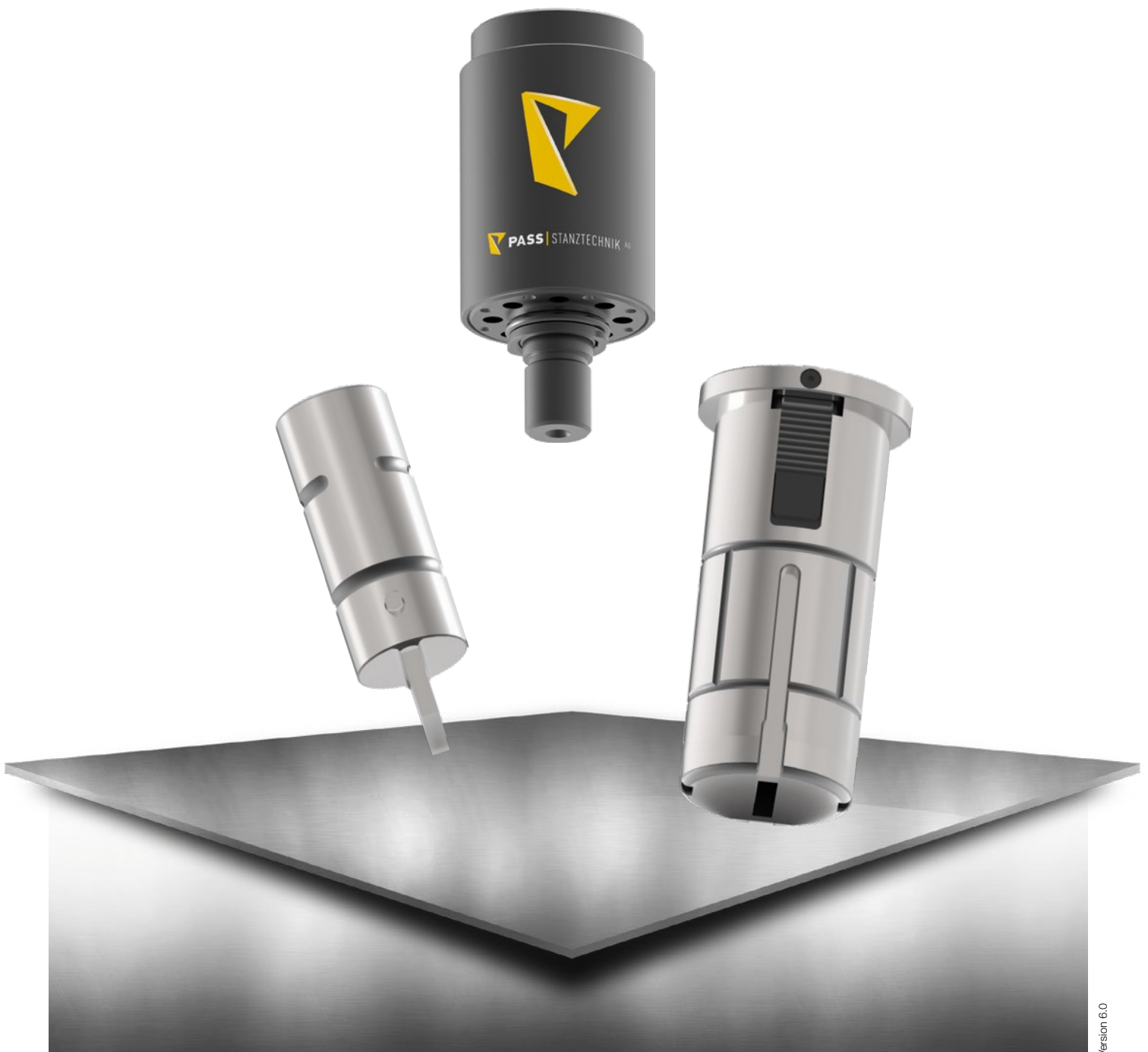
PUNCH EDGES

INCREASES TOOL LIFETIME, REDUCES MATERIAL BUILD UP



SIZE	RANGE	EXTRA CHARGE IN €
ROUND / SQUARE / RECTANGLE / OBLONG		
	Station A + B	21,12
	Station C + D	27,33
	Station E	42,27
O.D. GROUND SPECIAL SHAPES (SPECIAL SHAPE GROUP 1 & 2)		
	Station A + B	21,12
	Station C + D	27,33
	Station E	42,27
EDM REQUIRED SPECIAL SHAPES (SPECIAL SHAPE GROUP 3 & 4)		
	Station A + B	94,46
	Station C + D	147,90
	Station E	213,78

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



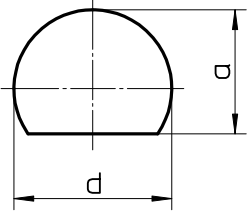
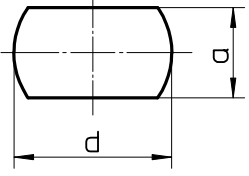
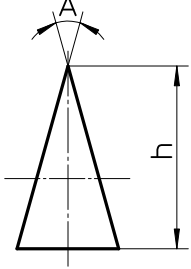
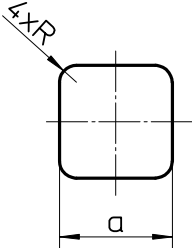
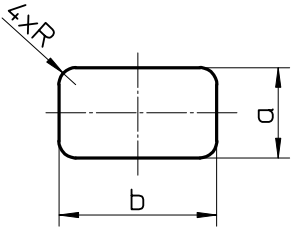
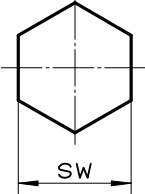
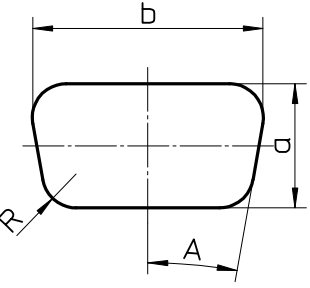
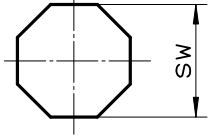
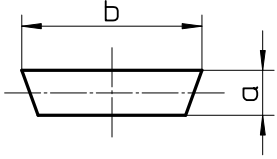
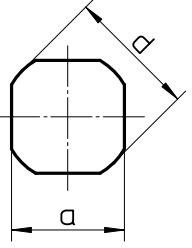
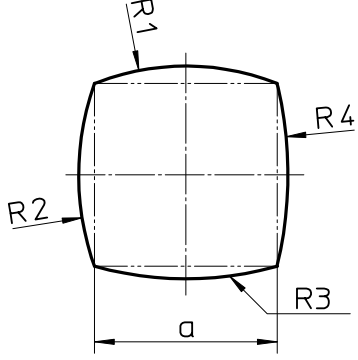
SPECIAL SHAPES

PASS SPECIAL SHAPES FOR YOUR
THICK TURRET SYSTEM

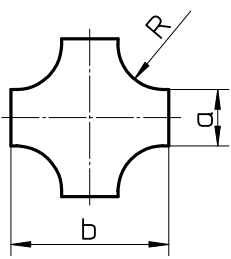
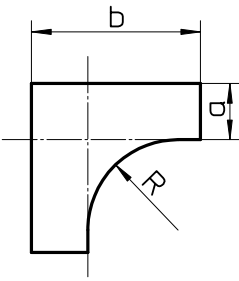
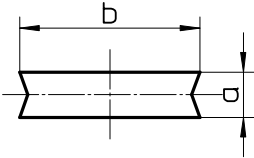
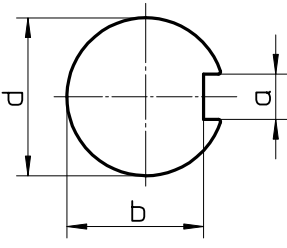
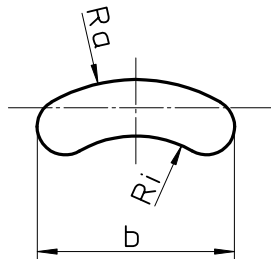
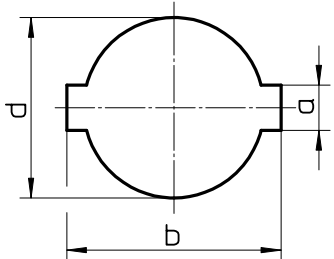
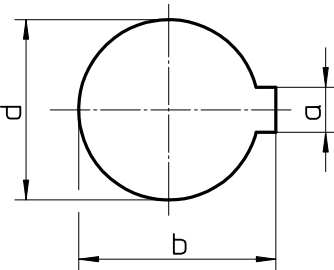
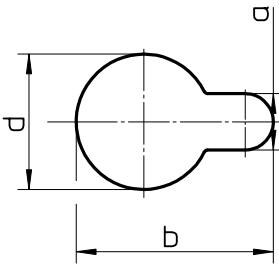
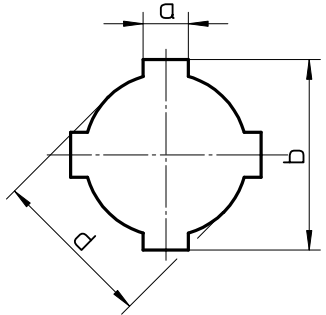
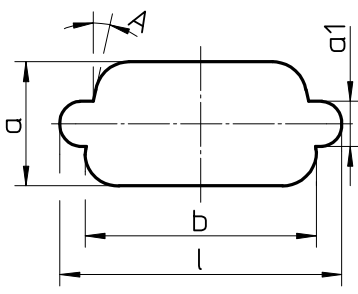
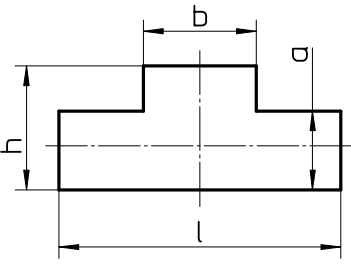
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EDM Required Special Shapes	page 75

O.D. GROUND SPECIAL SHAPES

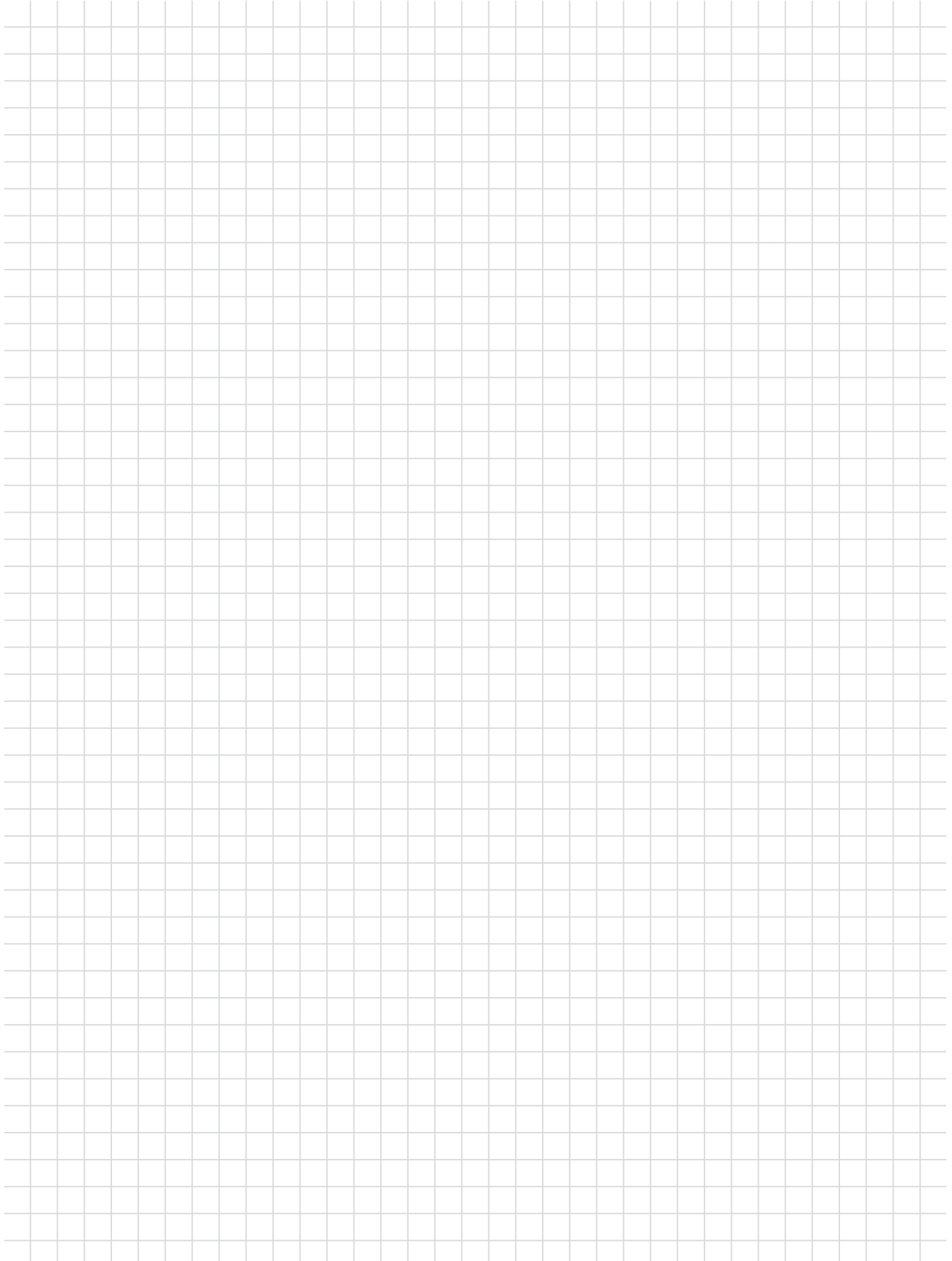
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 <p>G04</p>	 <p>G05</p>	 <p>G06</p>
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 <p>G10</p>	 <p>G11</p>	

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 <p>E04</p>	 <p>E05</p>	 <p>E06</p>
 <p>E07</p>	 <p>E08</p>	 <p>E09</p>
 <p>E10</p>	 <p>E11</p>	

NOTES

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



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Am Steinkreuz 2
95473 Creußen | Germany

WEB: www.pass-ag.com
MAIL: info@pass-ag.com

FON: +49 (0) 92 70 / 9 85 - 0
FAX: +49 (0) 92 70 / 9 85 - 99