

PASS STANDARD I STATION E

DIAMETER UP TO 114,3 MM



GUIDE ASSEMBLY

Screw M12

Springs for sheet thickness up to 6 mm

3 mm length adjustment
by using compensating shims

Keyway: 0-90°

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

Clamping-screw to fix the strippers

PUNCH BODY

Thread M12

Punch body made with premium H-PM®

STRIPPER

Interchangeable stripper plate

PASS STANDARD I STATION E

DIAMETER UP TO 114,3 MM

PART NO.

GUIDE ASSEMBLY		
	For all shapes	499E01

PUNCH BODY (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		ADDITIONAL COSTS FOR PUNCH
PU ejector Ø 3x6 (in punch)	4092P03	TICN coating
PU ejector Ø 6x10 (in punch)	4092P06	T-MAX coating
Set clamping-springs with screws	499E71	A-MAX coating
Guiding key with screws	499E63	WT-shear
		DOWT-shear
		2 PT-shear
		4 PT-shear
		Additional keyway
		Cutting part under 1,00 mm
SET OF COMPENSATING SHIMS FOR PUNCH		ADDITIONAL COSTS FOR PUNCH GUIDE
1x0,4 mm/1x0,8 mm/1x1,2 mm	499E3S1	Additional keyway
SET OF COMPENSATING SHIMS FOR DIE		ADDITIONAL COSTS FOR DIES
1x0,4 mm/1x0,8 mm/1x1,2 mm	499E2M1	H-PM® Quality
		Additional keyway

ps:®beta-V2® ABS I STATION E

DIAMETER UP TO 114,3 MM



GUIDE ASSEMBLY

Screw M12

Springs for sheet thickness up to 6 mm

Oil channel for sheet lubrication

10 mm length adjustment in assembled state
by pressing the locking button

Keyway: 0-90°

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

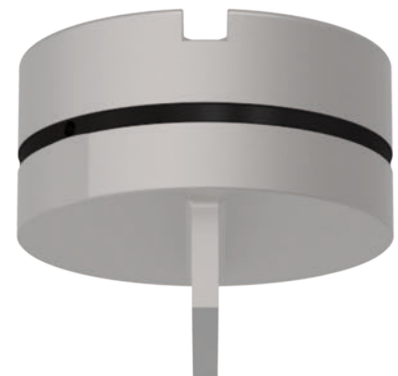
Fast and easy clamping system
for stripper

Suitable for PDC-system

PUNCH BODY

Thread M12 with oil channel for sheet lubrication

Punch body made with premium H-PM®



STRIPPER

Interchangeable stripper plate with oil channels



ps:®beta-V2® ABS I STATION E

DIAMETER UP TO 114,3 MM

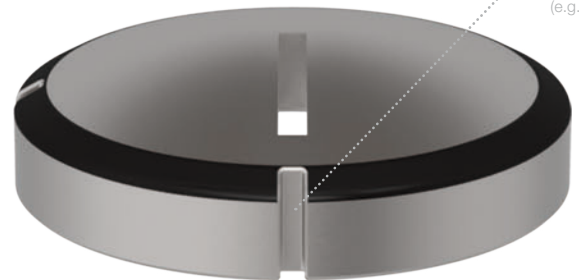
PART NO.

GUIDE ASSEMBLY		
	For all shapes	4039E01

PUNCH BODY (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		ADDITIONAL COSTS FOR PUNCH
PU ejector Ø 3x6 (in punch)	4092P03	TICN coating
PU ejector Ø 6x10 (in punch)	4092P06	T-MAX coating
		A-MAX coating
		WT-shear
		DOWT-shear
		2 PT-shear
		4 PT-shear
		Additional keyway
		Cutting part under 1,00 mm
COMPENSATING SHIM FOR PUNCH		ADDITIONAL COSTS FOR PUNCH GUIDE
Not necessary		Additional keyway
SET OF COMPENSATING SHIMS FOR DIE		ADDITIONAL COSTS FOR DIES
1x0,4 mm/1x0,8 mm/1x1,2 mm	499E2M1	H-PM® Quality
		Additional keyway

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



GUIDE ASSEMBLY

Screw M12

Springs for sheet thickness up to 6 mm

Oil channel for sheet lubrication

10 mm length adjustment in assembled state
by pressing the locking button

Keyway: 0-90°

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

Fast and easy clamping system
for stripper

Suitable for PDC-system

SLITTING TOOL ADAPTER

4 fixing threads M6

Thread M12 with oil channel for sheet lubrication

SLITTING TOOL

Punch body made with premium H-PM®

STRIPPER

Interchangeable stripper plate with oil channels

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

	PART NO.
GUIDE ASSEMBLY	
For all shapes	4039E01
SLITTING TOOL ADAPTER	
For all shapes	4229ET00
SLITTING TOOL (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 ADAPTER	
	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		ADDITIONAL COSTS FOR PUNCH
PU ejector Ø 3x6 (in punch)	4092P03	TICN coating
PU ejector Ø 6x10 (in punch)	4092P06	T-MAX coating
		A-MAX coating
		WT-shear
		DOWT-shear
		2 PT-shear
		4 PT-shear
		Additional keyway
		Cutting part under 1,00 mm
SET OF COMPENSATING SHIMS FOR SLITTING TOOL ADAPTER		ADDITIONAL COSTS FOR PUNCH GUIDE
Not necessary		Additional keyway
SET OF COMPENSATING SHIMS FOR REVERSIBLE PLATE		ADDITIONAL COSTS FOR DIES
1x0,4 mm/1x0,8 mm/1x1,2 mm	499ET60	Additional keyway

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



GUIDE ASSEMBLY

Screw M12

Springs for sheet thickness up to 6 mm

Oil channel for sheet lubrication

10 mm length adjustment in assembled state
by pressing the locking button

Keyway: 0-90°

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

Fast and easy clamping system
for stripper

Suitable for PDC-system

SLITTING TOOL ADAPTER

4 fixing threads M6

Thread M12 with oil channel for sheet lubrication

SLITTING TOOL

Punch body made with premium H-PM®

STRIPPER

Interchangeable stripper plate

One or two-sided relief for punching close to clamp

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

PART-NO.

GUIDE ASSEMBLY		
	For all shapes	4039ETP01

SLITTING TOOL ADAPTER		
	For all shapes	4229ET00

SLITTING TOOL (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		ADDITIONAL COSTS FOR PUNCH
PU ejector Ø 3x6 (in punch)	4092P03	TICN coating
PU ejector Ø 6x10 (in punch)	4092P06	T-MAX coating

A-MAX coating
WT-shear
DOWT-shear
2 PT-shear
4 PT-shear

Additional keyway

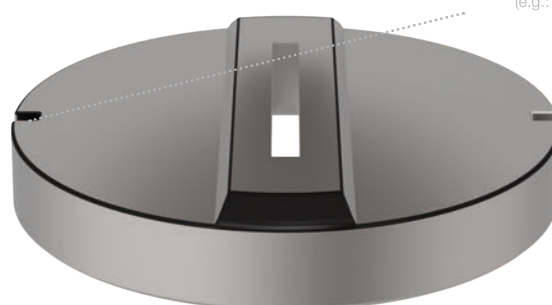
Cutting part under 1,00 mm

COMPENSATING SHIM FOR SLITTING TOOL ADAPTER		ADDITIONAL COSTS FOR PUNCH GUIDE
Not necessary		Additional keyway

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



Additional costs for die with
keyway for PDC-system
on request
Part-no. „see left“ -2
(e.g.: 4052ETP04-2-2)



ps:®alpha-V2 ABS I STATION E

DIAMETER UP TO 114,3 MM



GUIDE ASSEMBLY

Screw M14

Springs for sheet thickness up to 6 mm

Oil channel for sheet lubrication

10 mm length adjustment in assembled state
by pressing the locking button

Keyway: 0-90°

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

Suitable for PDC-system

PUNCH BODY

Thread M14 with oil channel for sheet lubrication

Punch body made with premium H-PM®

STRIPPER

Interchangeable stripper plate with oil channels

ps:® alpha-V2 ABS I STATION E

DIAMETER UP TO 114,3 MM

PART NO.

GUIDE ASSEMBLY		
	For all shapes	4031E01

PUNCH BODY (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		ADDITIONAL COSTS FOR PUNCH
PU ejector Ø 3x6 (in punch)	4092P03	TICN coating
PU ejector Ø 6x10 (in punch)	4092P06	T-MAX coating
		A-MAX coating
		WT-shear
		DOWT-shear
		2 PT-shear
		4 PT-shear
		Additional keyway
		Cutting part under 1,00 mm

COMPENSATING SHIM FOR PUNCH	
Not necessary	

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