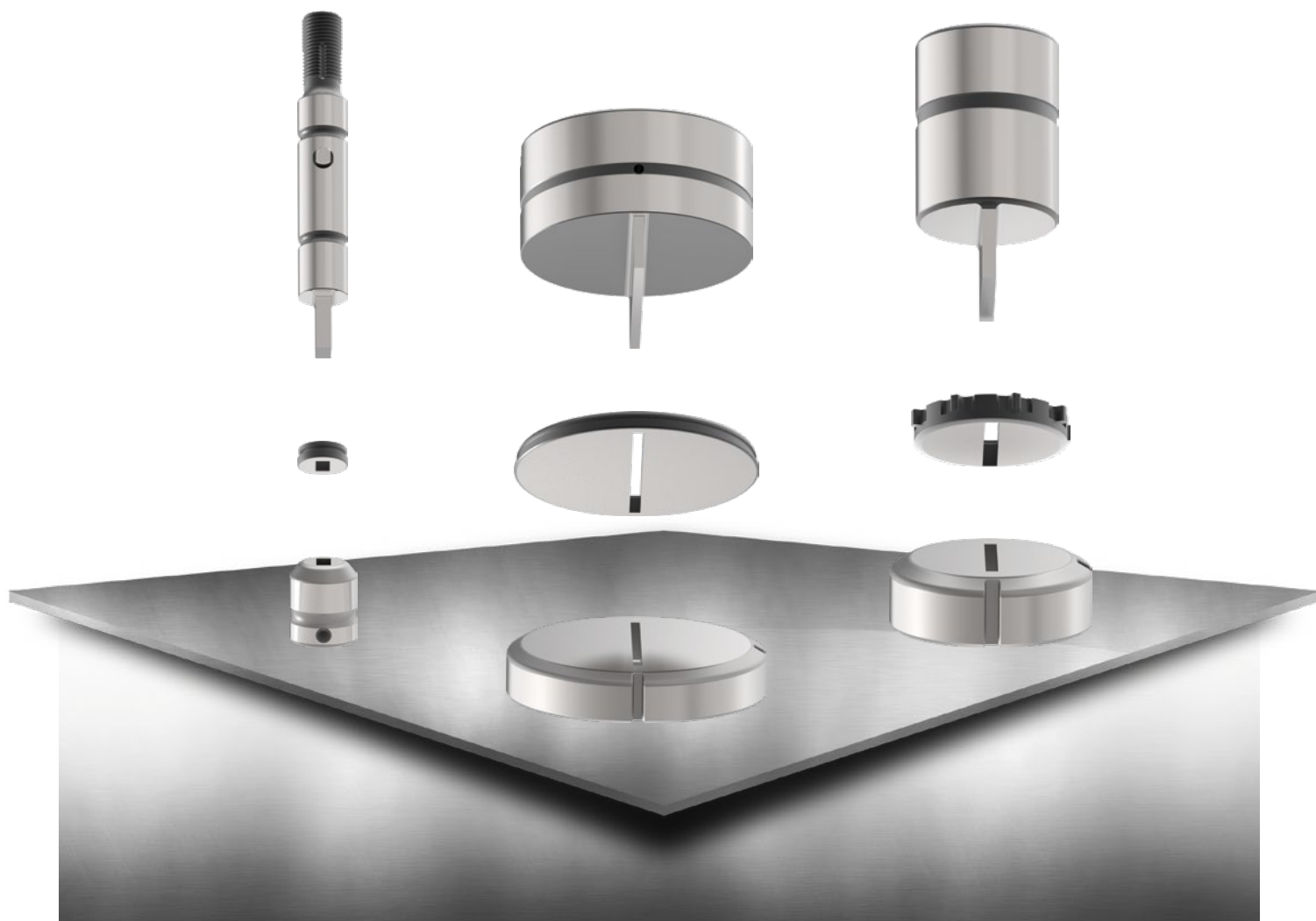




CATALOG INSERTS FOR THIRD PARTY PRODUCTS 09/2024-PASS-WW



SCOPE OF APPLICATION:

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

GENERAL REMARKS:

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

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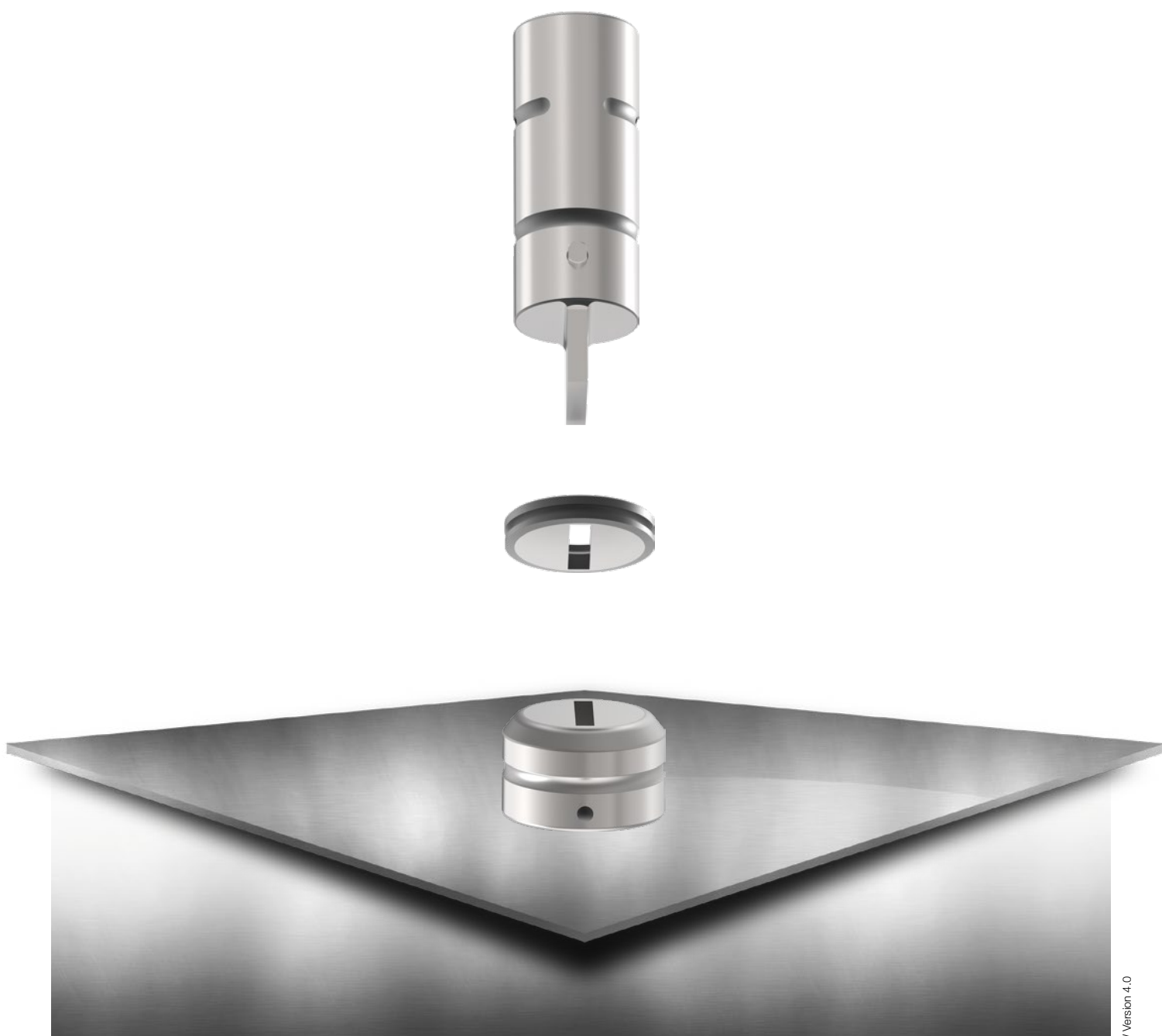
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ps:®beta-V2® | STATION A

DIAMETER UP TO 12,7 MM



ps:®beta-V2® | STATION A

DIAMETER UP TO 12,7 MM

PART-NO.

PUNCH (H-PM®)		
	Round	4020A01
	Square	4020A02
	Rectangle	4020A03
	Oblong	4020A04
	O.D. Ground Special Shape	4020A0G
	EDM Required Special Shape	4020A0E

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

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

PUNCH OPTIONS

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

DIE OPTIONS

Reinforced die
H-PM® Quality
Additional pin hole



ps:®beta-V2® | STATION B

DIAMETER UP TO 31,75 MM



ps:®beta-V2® | STATION B

DIAMETER UP TO 31,75 MM

PART-NO.

PUNCH (H-PM®)		
	Round	4020B01
	Square	4020B02
	Rectangle	4020B03
	Oblong	4020B04
	O.D. Ground Special Shape	4020B0G
	EDM Required Special Shape	4020B0E

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

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



PUNCH OPTIONS

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

DIE OPTIONS

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

ps:®beta-V2® | STATION C
DIAMETER UP TO 50,8 MM



ps:®beta-V2® | STATION C

DIAMETER UP TO 50,8 MM

PART-NO.

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

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

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



PUNCH OPTIONS

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

DIE OPTIONS

- H-PM® Quality
- Additional keyway

ps:®beta-V2® | STATION D

DIAMETER UP TO 88,9 MM



ps:®beta-V2® | STATION D

DIAMETER UP TO 88,9 MM

PART-NO.

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

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

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

PUNCH OPTIONS

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

DIE OPTIONS

H-PM® Quality
Additional keyway



ps:®beta-V2® | STATION E

DIAMETER UP TO 114,3 MM



ps:®beta-V2® I STATION E

DIAMETER UP TO 114,3 MM

PART-NO.

PUNCH (H-PM®)

Round	4020E01
Square	4020E02
Rectangle	4020E03
Oblong	4020E04
O.D. Ground Special Shape	4020E0G
EDM Required Special Shape	4020E0E

STRIPPER

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

DIE (HWS)

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

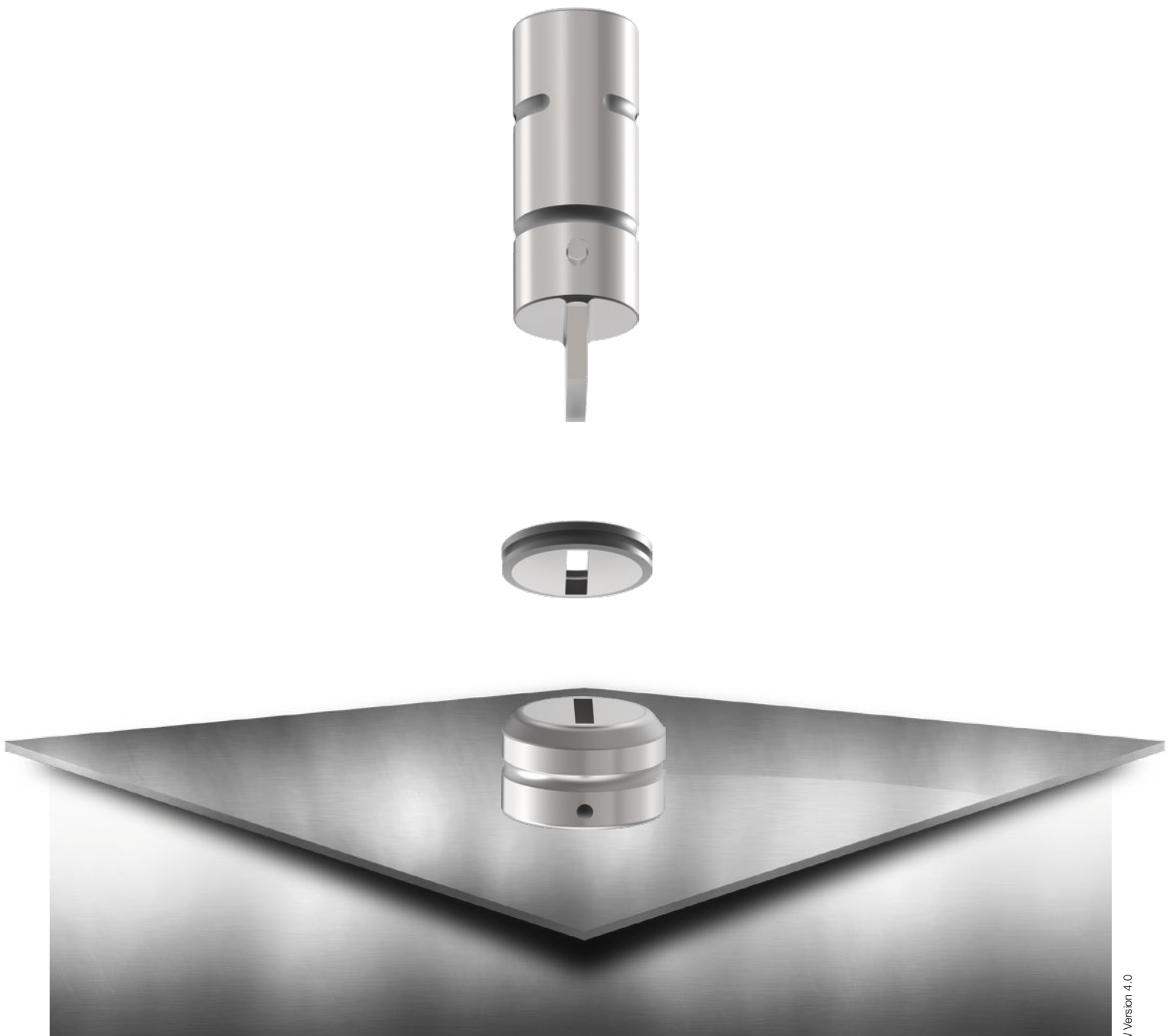


PUNCH OPTIONS

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

DIE OPTIONS

- H-PM® Quality
- Additional keyway



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ULTRA® TEC®, ULTRA® XT™ | STATION A

DIAMETER UP TO 12,7 MM

ULTRA® TEC®, ULTRA® XT™ | STATION A

DIAMETER UP TO 12,7 MM

PART-NO.

PUNCH (H-PM®)		
	Round	4020A01
	Square	4020A02
	Rectangle	4020A03
	Oblong	4020A04
	O.D. Ground Special Shape	4020A0G
	EDM Required Special Shape	4020A0E

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

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



PUNCH OPTIONS

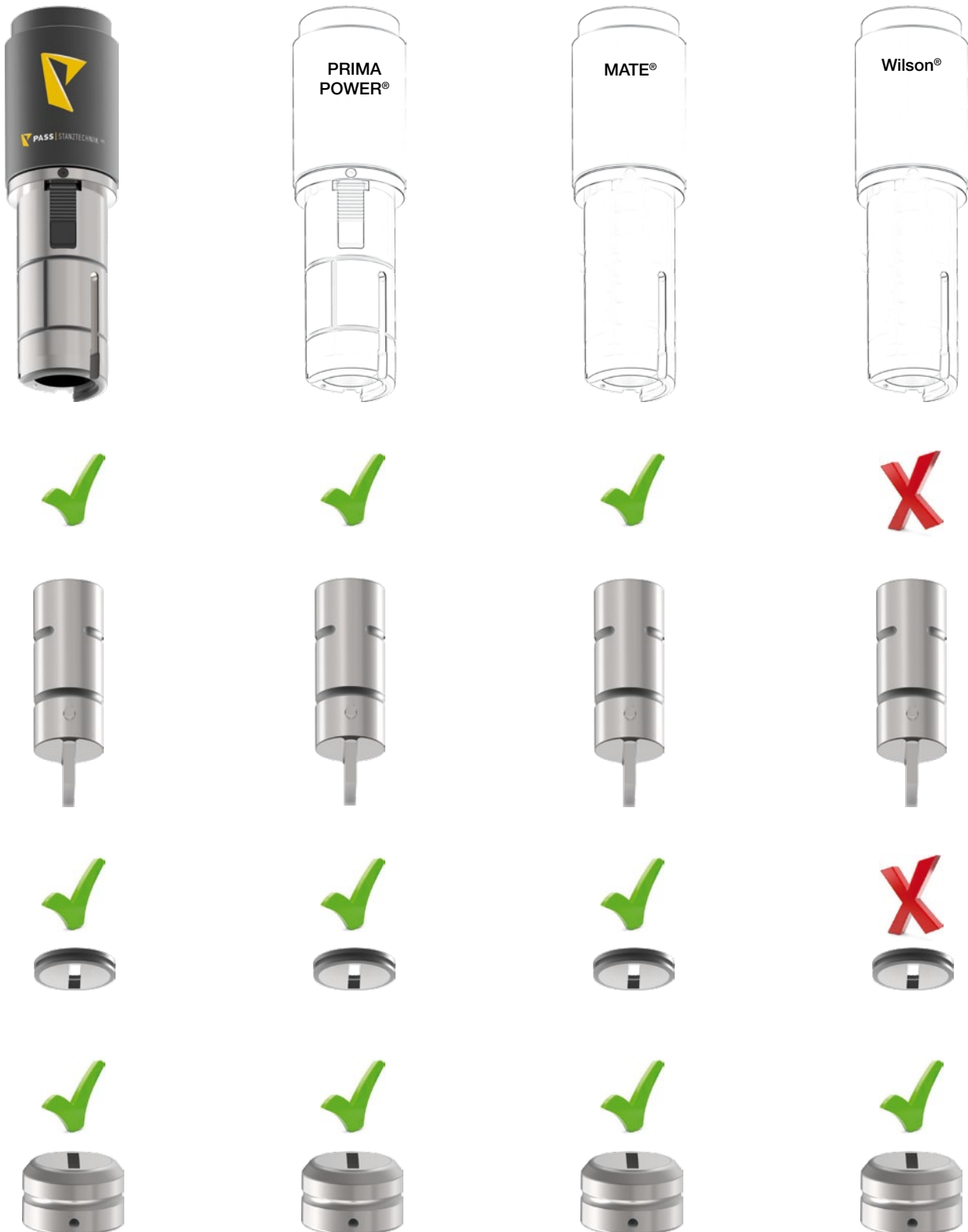
- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)
- Cutting part under 1,00 mm

DIE OPTIONS

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

ULTRA® TEC®, ULTRA® XT™ | STATION B

DIAMETER UP TO 31,75 MM



ULTRA® TEC®, ULTRA® XT™ | STATION B

DIAMETER UP TO 31,75 MM

PART-NO.

PUNCH (H-PM®)		
	Round	4020B01
	Square	4020B02
	Rectangle	4020B03
	Oblong	4020B04
	O.D. Ground Special Shape	4020B0G
	EDM Required Special Shape	4020B0E

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

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



PUNCH OPTIONS

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

DIE OPTIONS

Reinforced die
 H-PM® Quality
 Additional pin hole

ULTRA® TEC® I STATION C

DIAMETER UP TO 50,8 MM



ULTRA® TEC® I STATION C

DIAMETER UP TO 50,8 MM

PART NO.

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

STRIPPER		
Round	461C11	
Square	461C12	
Rectangle	461C13	
Oblong	461C14	
O.D. Ground Special Shape	461C1G	
EDM Required Special Shape	461C1E	

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



PUNCH OPTIONS

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

DIE OPTIONS

H-PM® Quality
 Additional pin hole

ULTRA® XT™ | STATION C

DIAMETER UP TO 50,8 MM



ULTRA® XT™ | STATION C

DIAMETER UP TO 50,8 MM

PART-NO.

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

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

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



PUNCH OPTIONS

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

DIE OPTIONS

- H-PM® Quality
- Additional pin hole

ULTRA® TEC® I STATION D

DIAMETER UP TO 88,9 MM



ULTRA® TEC® I STATION D

DIAMETER UP TO 88,9 MM

PART-NO.

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

STRIPPER		
	Round	461D11
	Square	461D12
	Rectangle	461D13
	Oblong	461D14
	O.D. Ground Special Shape	461D1G
	EDM Required Special Shape	461D1E

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



PUNCH OPTIONS

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

DIE OPTIONS

H-PM® Quality
 Additional keyway

ULTRA® XT™ | STATION D

DIAMETER UP TO 88,9 MM



ULTRA® XT™ | STATION D

DIAMETER UP TO 88,9 MM

PART-NO.

PUNCH (H-PM®)

Round	4020D01
Square	4020D02
Rectangle	4020D03
Oblong	4020D04
O.D. Ground Special Shape	4020D0G
EDM Required Special Shape	4020D0E

STRIPPER

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

DIE (HWS)

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

PUNCH OPTIONS

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

DIE OPTIONS

H-PM® Quality
 Additional keyway



ULTRA® TEC® I STATION E

DIAMETER UP TO 114,3 MM



ULTRA® TEC® I STATION E

DIAMETER UP TO 114,3 MM

PART-NO.

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

STRIPPER		
	Round	461E11
	Square	461E12
	Rectangle	461E13
	Oblong	461E14
	O.D. Ground Special Shape	461E1G
	EDM Required Special Shape	461E1E

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



PUNCH OPTIONS

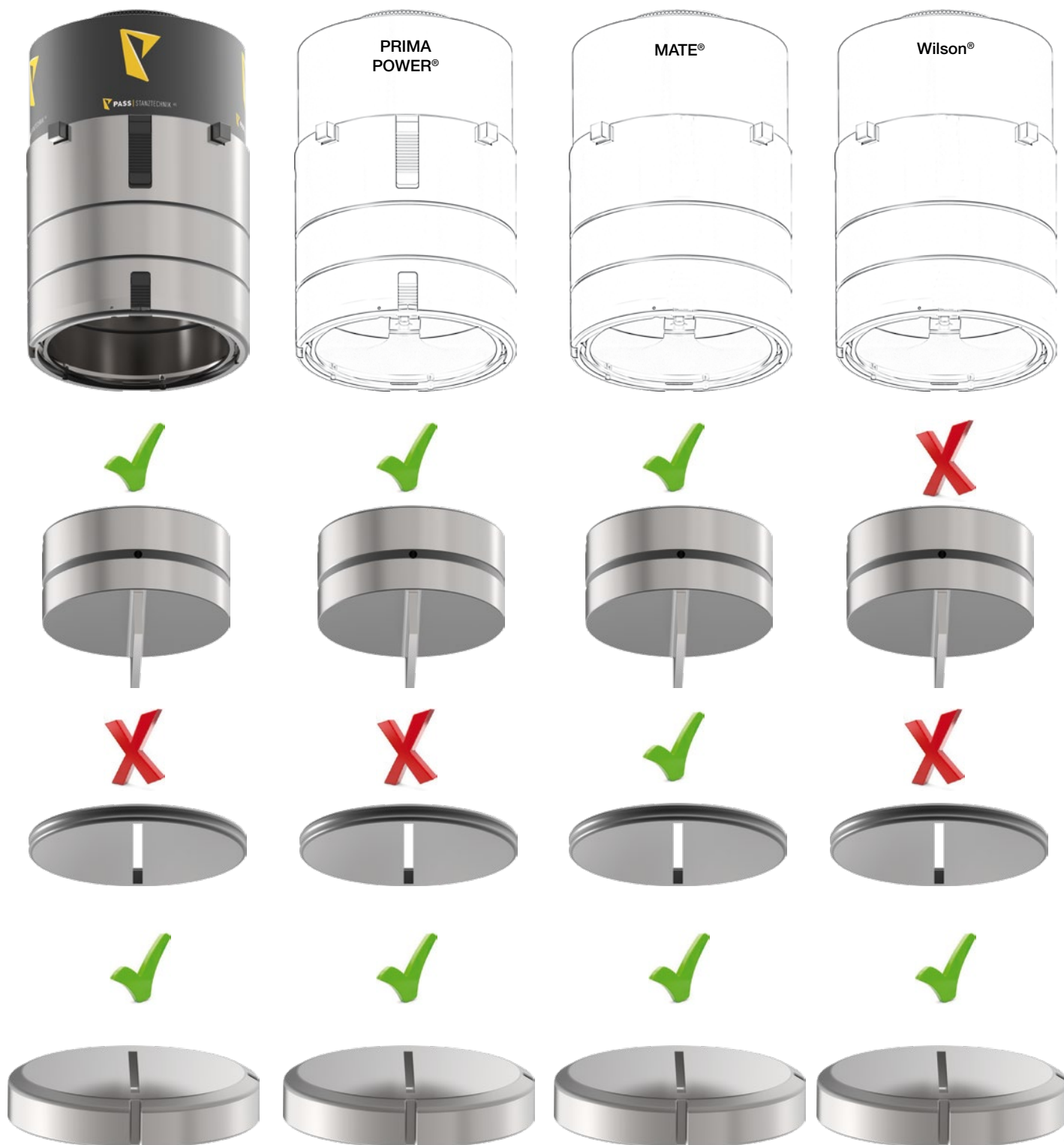
TICN coating (working with stainless steel)
 T-MAX coating (working with galvanised sheet / zincor)
 A-MAX coating (working with aluminum)
 WT-shear (whisper shear)
 DOWT-shear (rooftop shear)
 2 PT-shear (inverted rooftop shear)
 4 PT-shear (inverted cross shear)
 Additional keyway
 Cutting part under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

DIE OPTIONS

H-PM® Quality
 Additional keyway

ULTRA® XT™ | STATION E

DIAMETER UP TO 114,3 MM



ULTRA® XT™ | STATION E

DIAMETER UP TO 114,3 MM

PART-NO.

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

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



PUNCH OPTIONS

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

DIE OPTIONS

H-PM® Quality
 Additional keyway



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SERIE 90, HP I STATION A

DIAMETER UP TO 12,7 MM



SERIE 90, HP I STATION A

DIAMETER UP TO 12,7 MM

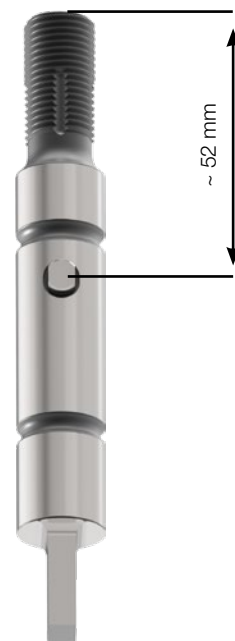
		PART-NO.
PUNCH (H-PM®)		
	Round	422A21
	Square	422A22
	Rectangle	422A23
	Oblong	422A24
	O.D. Ground Special Shape	422A2G
	EDM Required Special Shape	422A2E
STRIPPER		
	Round	461A21
	Square	461A22
	Rectangle	461A23
	Oblong	461A24
	O.D. Ground Special Shape	461A2G
	EDM Required Special Shape	461A2E
DIE (HWS)		
	Round	4052A01
	Square	4052A02
	Rectangle	4052A03
	Oblong	4052A04
	O.D. Ground Special Shape	4052A0G
	EDM Required Special Shape	4052A0E

PUNCH OPTIONS

TICN coating (working with stainless steel)
 T-MAX coating (working with galvanised sheet / zincor)
 A-MAX coating (working with aluminum)
 WT-shear (whisper shear)
 DOWT-shear (rooftop shear)
 2 PT-shear (inverted rooftop shear)
 4 PT-shear (inverted cross shear)

DIE OPTIONS

Reinforced version
 H-PM® Quality



SERIE 90 WLS, HP WLS I STATION A

DIAMETER UP TO 12,7 MM



SERIE 90 WLS, HP WLS I STATION A

DIAMETER UP TO 12,7 MM

PART-NO.

PUNCH (H-PM®)

Round	422A41
Square	422A42
Rectangle	422A43
Oblong	422A44
O.D. Ground Special Shape	422A4G
EDM Required Special Shape	422A4E

STRIPPER

Round	461A41
Square	461A42
Rectangle	461A43
Oblong	461A44
O.D. Ground Special Shape	461A4G
EDM Required Special Shape	461A4E

DIE (HWS)

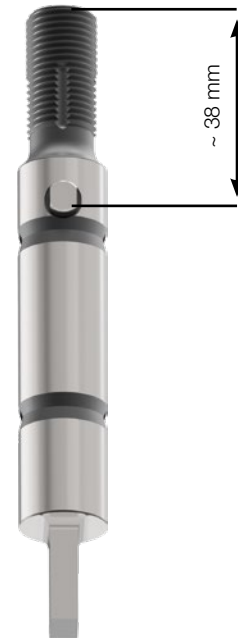
Round	4052A01
Square	4052A02
Rectangle	4052A03
Oblong	4052A04
O.D. Ground Special Shape	4052A0G
EDM Required Special Shape	4052A0E

PUNCH OPTIONS

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)

DIE OPTIONS

- Reinforced version
- H-PM® Quality



SERIE 90, HP I STATION B

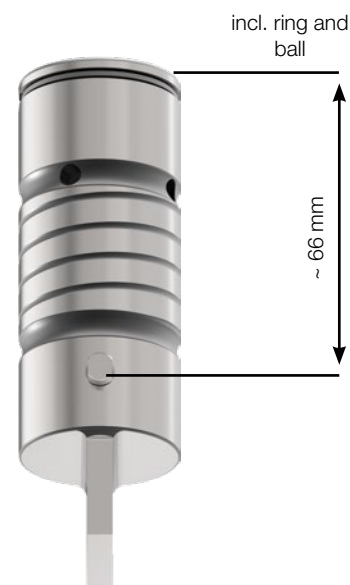
DIAMETER UP TO 31,75 MM



SERIE 90, HP I STATION B

DIAMETER UP TO 31,75 MM

		PART-NO.
PUNCH (H-PM®)		
	Round	422B21
	Square	422B22
	Rectangle	422B23
	Oblong	422B24
	O.D. Ground Special Shape	422B2G
	EDM Required Special Shape	422B2E
STRIPPER		
	Round	461B21
	Square	461B22
	Rectangle	461B23
	Oblong	461B24
	O.D. Ground Special Shape	461B2G
	EDM Required Special Shape	461B2E
DIE (HWS)		
	Round	4052B01
	Square	4052B02
	Rectangle	4052B03
	Oblong	4052B04
	O.D. Ground Special Shape	4052B0G
	EDM Required Special Shape	4052B0E



PUNCH OPTIONS

TICN coating (working with stainless steel)
T-MAX coating (working with galvanised sheet / zincor)
A-MAX coating (working with aluminum)
WT-shear (whisper shear)
DOWT-shear (rooftop shear)
2 PT-shear (inverted rooftop shear)
4 PT-shear (inverted cross shear)

DIE OPTIONS

Reinforced version
H-PM® Quality

SERIE 90 WLS, HP WLS I STATION B

DIAMETER UP TO 31,75 MM



SERIE 90 WLS, HP WLS I STATION B

DIAMETER UP TO 31,75 MM

PART-NO.

PUNCH (H-PM®)

Round	422B41
Square	422B42
Rectangle	422B43
Oblong	422B44
O.D. Ground Special Shape	422B4G
EDM Required Special Shape	422B4E

STRIPPER

Round	461B41
Square	461B42
Rectangle	461B43
Oblong	461B44
O.D. Ground Special Shape	461B4G
EDM Required Special Shape	461B4E

DIE (HWS)

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

PUNCH OPTIONS

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)

DIE OPTIONS

- Reinforced version
- H-PM® Quality



SERIE 80, HP, HP WLS I STATION C

DIAMETER UP TO 50,8 MM



Adapter set for punch (code 635448) possible
- price on request -



SERIE 80, HP, HP WLS I STATION C

DIAMETER UP TO 50,8 MM

PART-NO.

PUNCH (H-PM®)

Round	422C21
Square	422C22
Rectangle	422C23
Oblong	422C24
O.D. Ground Special Shape	422C2G
EDM Required Special Shape	422C2E

STRIPPER

Round	461C21
Square	461C22
Rectangle	461C23
Oblong	461C24
O.D. Ground Special Shape	461C2G
EDM Required Special Shape	461C2E

DIE (HWS)

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

PUNCH OPTIONS

- TICN coating (working with stainless steel)
- T-MAX coating (working with galvanised sheet / zincor)
- A-MAX coating (working with aluminum)
- WT-shear (whisper shear)
- DOWT-shear (rooftop shear)
- 2 PT-shear (inverted rooftop shear)
- 4 PT-shear (inverted cross shear)

DIE OPTIONS

- H-PM® Quality

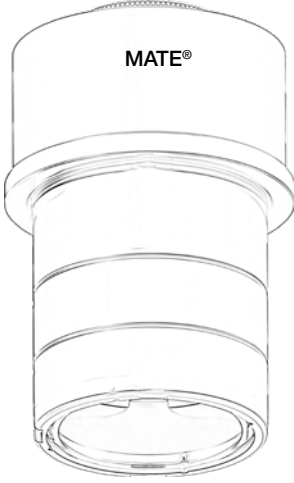
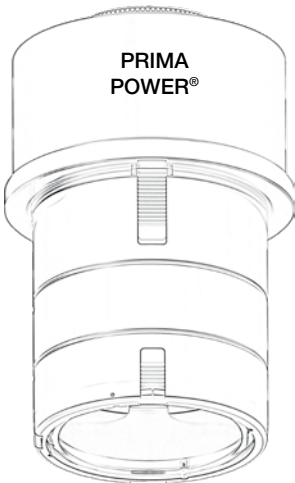


SERIE 80, HP, HP WLS I STATION D

DIAMETER UP TO 88,9 MM



Adapter set for punch (code 667636) possible
- price on request -



SERIE 80, HP, HP WLS I STATION D

DIAMETER UP TO 88,9 MM

PART-NO.

PUNCH (H-PM®)		
	Round	422D21
	Square	422D22
	Rectangle	422D23
	Oblong	422D24
	O.D. Ground Special Shape	422D2G
	EDM Required Special Shape	422D2E

STRIPPER		
	Round	461D21
	Square	461D22
	Rectangle	461D23
	Oblong	461D24
	O.D. Ground Special Shape	461D2G
	EDM Required Special Shape	461D2E

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

PUNCH OPTIONS

TICN coating (working with stainless steel)
T-MAX coating (working with galvanised sheet / zincor)
A-MAX coating (working with aluminum)
WT-shear (whisper shear)
DOWT-shear (rooftop shear)
2 PT-shear (inverted rooftop shear)
4 PT-shear (inverted cross shear)

DIE OPTIONS

H-PM® Quality

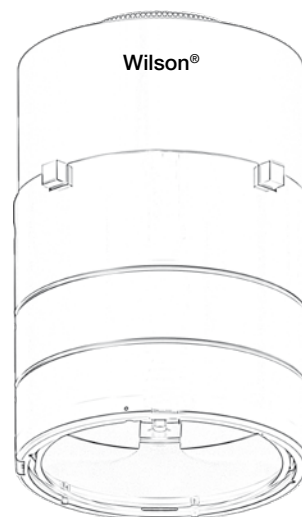
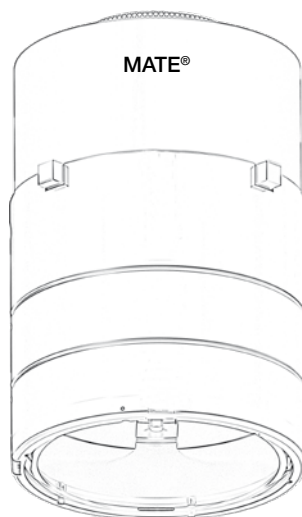
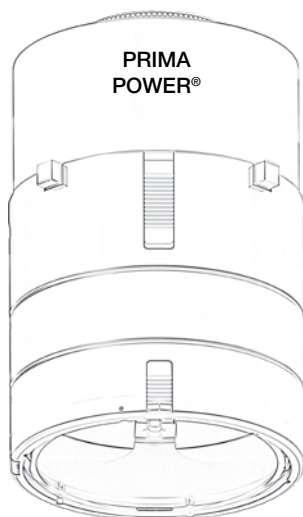


SERIE 80, HP, HP WLS I STATION E

DIAMETER UP TO 114,3 MM



Adapter set for punch on request



SERIE 80, HP, HP WLS I STATION E

DIAMETER UP TO 114,3 MM

PART-NO.

PUNCH (H-PM®)

Round	422E21
Square	422E22
Rectangle	422E23
Oblong	422E24
O.D. Ground Special Shape	422E2G
EDM Required Special Shape	422E2E

STRIPPER

Round	461E21
Square	461E22
Rectangle	461E23
Oblong	461E24
O.D. Ground Special Shape	461E2G
EDM Required Special Shape	461E2E

DIE (HWS)

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

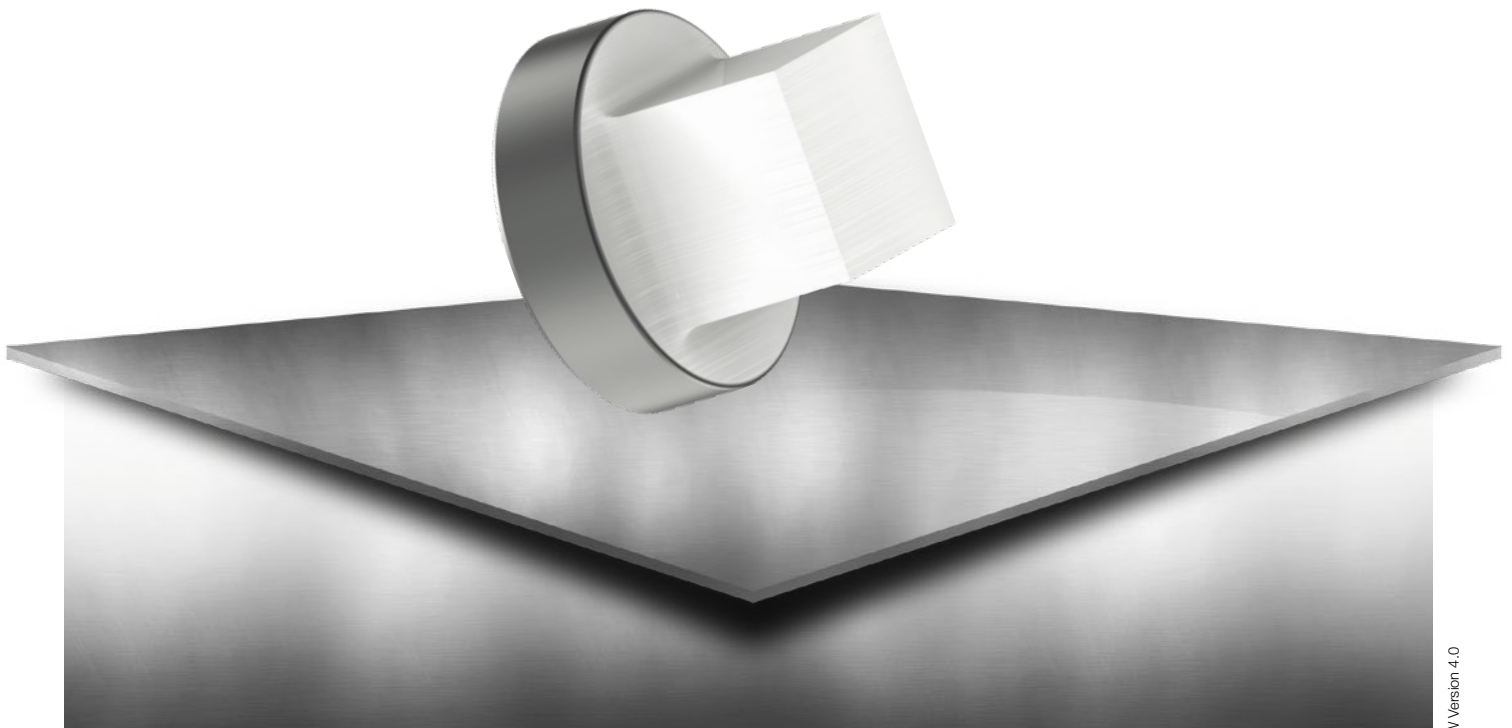
PUNCH OPTIONS

TICN coating (working with stainless steel)
 T-MAX coating (working with galvanised sheet / zincor)
 A-MAX coating (working with aluminum)
 WT-shear (whisper shear)
 DOWT-shear (rooftop shear)
 2 PT-shear (inverted rooftop shear)
 4 PT-shear (inverted cross shear)

DIE OPTIONS

H-PM® Quality





OPTIONS

PASS OPTIONS FÜR YOUR
INSERTS FOR THIRD PARTY PRODUCTS

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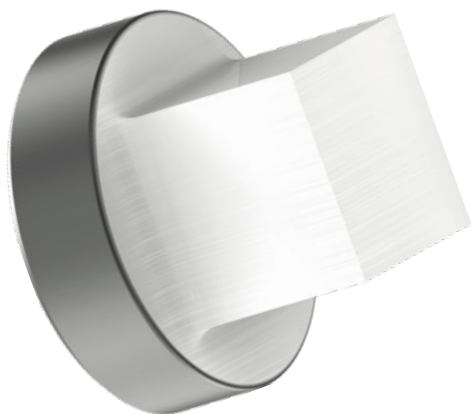
Draw-polishing

page 52

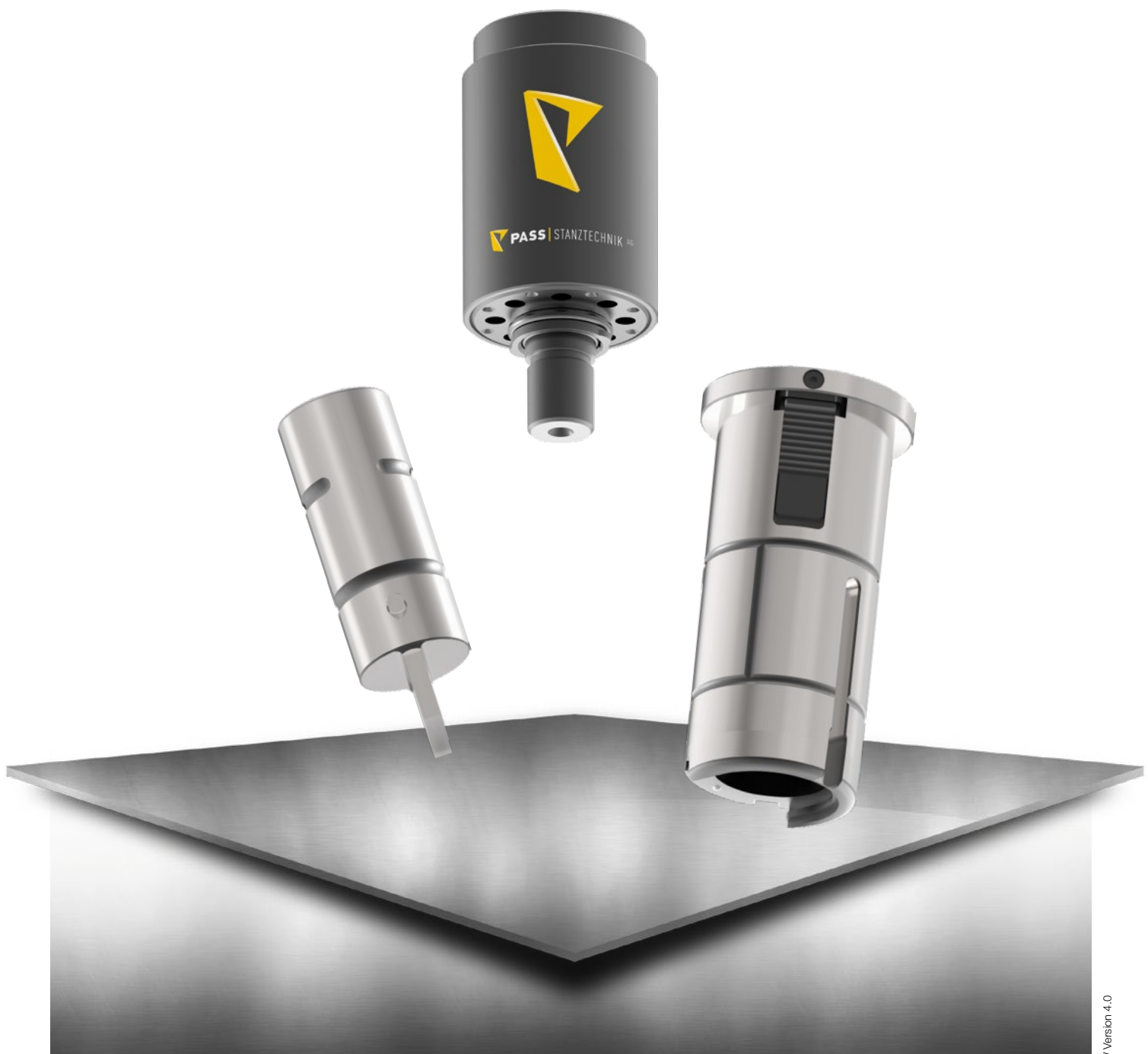
DRAW-POLISHING

PUNCH EDGES

INCREASES TOOL LIFETIME, REDUCES MATERIAL BUILD UP



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



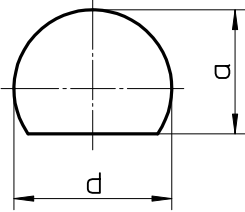
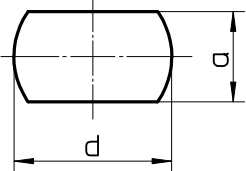
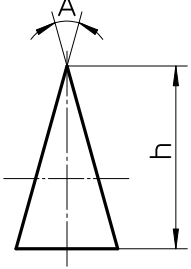
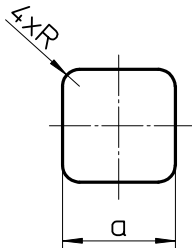
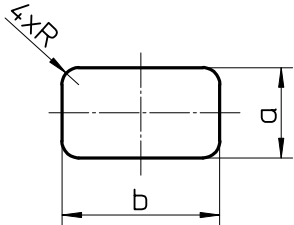
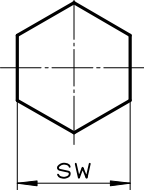
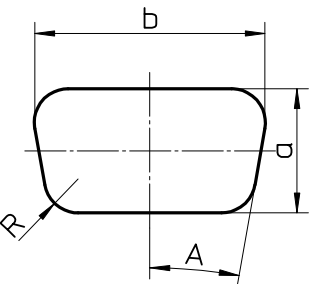
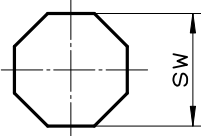
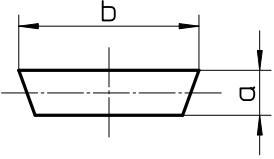
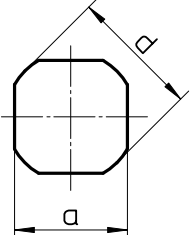
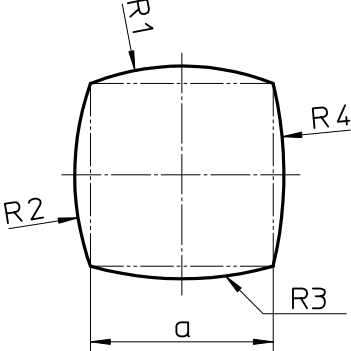
SPECIAL SHAPES

PASS SPECIAL SHAPES FÜR YOUR
INSERTS FOR THIRD PARTY PRODUCTS

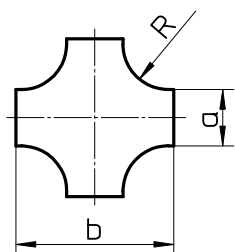
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O.D. Ground Special Shapes	page 56
EDM Required Special Shapes	page 57

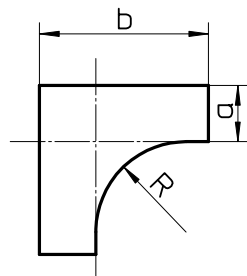
O.D. GROUND SPECIAL SHAPES

 G01	 G02	 G03
 G04	 G05	 G06
 G07	 G08	 G09
 G10	 G11	

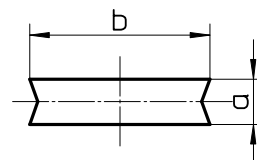
EDM REQUIRED SPECIAL SHAPES



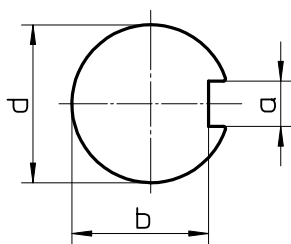
E01



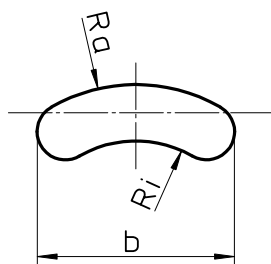
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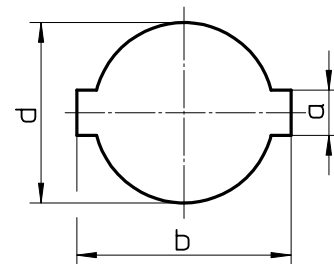
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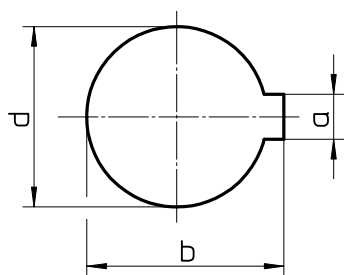
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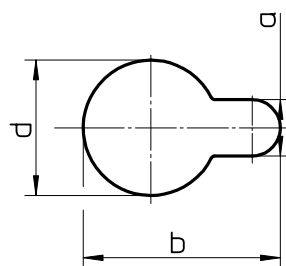
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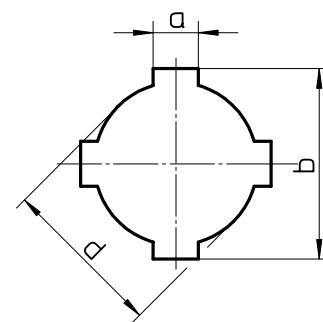
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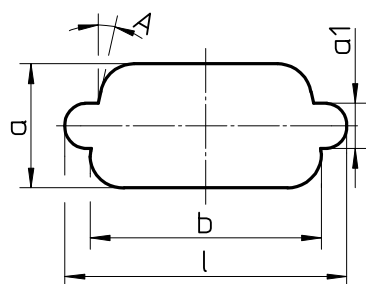
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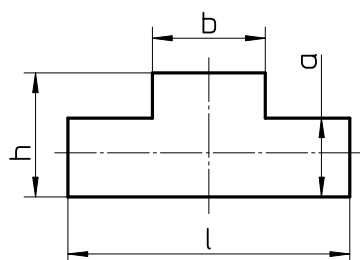
E08



E09



E10



E11

NOTES

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

