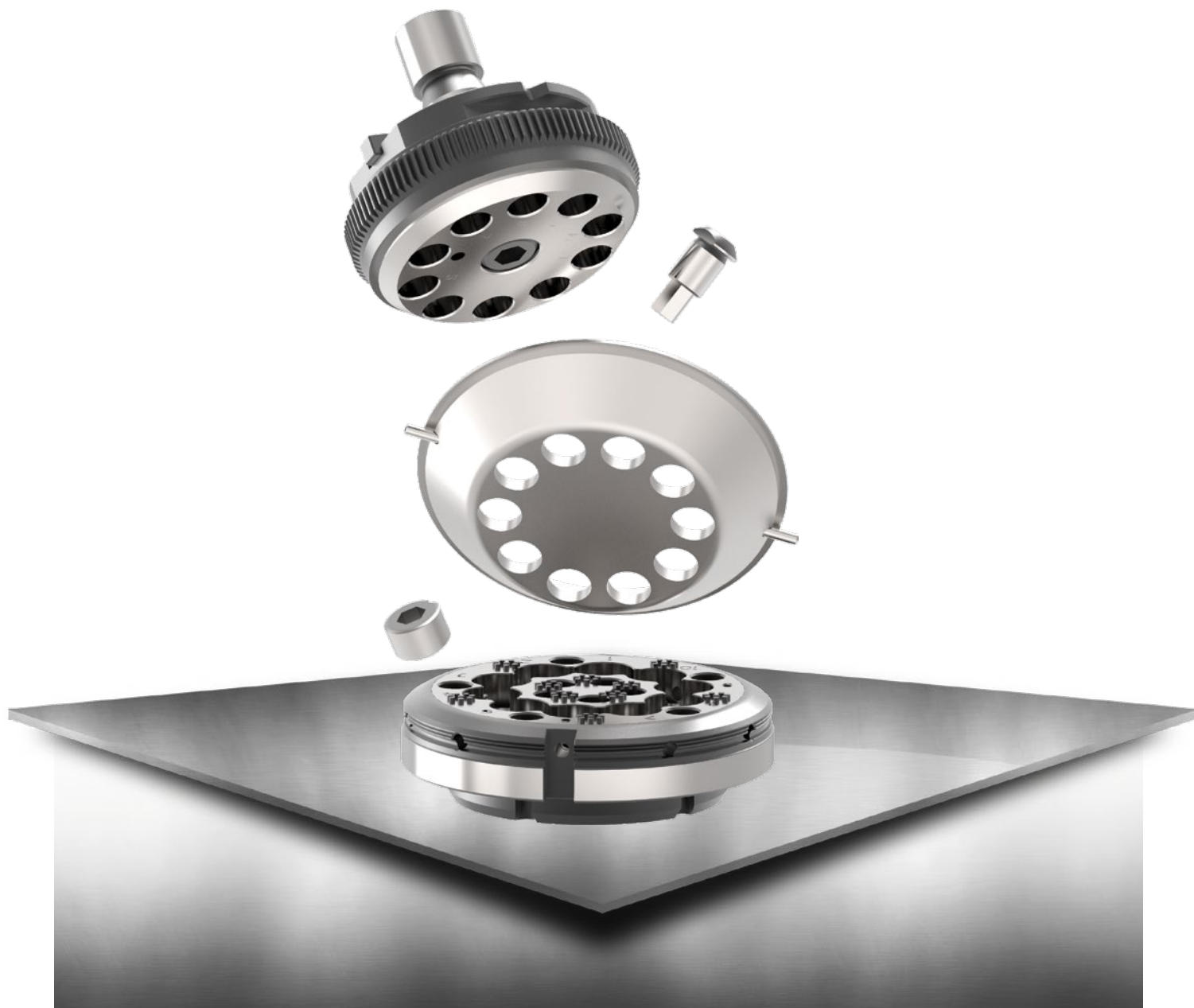




CATALOG 09/2024-WW-T.1

SYSTEM TRUMPF



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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RE-EXPERIENCE THE STANDARD: PUNCHING TOOLS

PASS TOOLS FOR YOUR
TRUMPF SYSTEM

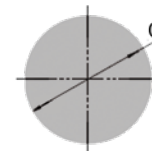
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STANDARD TOOLS ROUND



SIZE	DIM. D	PART-NO.
PUNCH (H-PM®)		
0	1,00 - 6,00	107A01C
0	6,01 - 10,50 ⁽¹⁾	107B01C
1	1,00 - 30,50	101111C
2	30,51 - 40,00	101211C
2	40,01 - 50,80	101221C
2	50,81 - 60,00	101231C
2	60,01 - 72,00	101241C
2	72,01 - 76,20	101251C
Reinforced	1,00 - 30,50	108111C
Reinforced	30,51 - 40,00	108121C
STRIPPER		
2	1,00 - 78,00	112211C
DIE (HWS)		
1 ⁽²⁾	1,00 - 32,00	106111C
2 ⁽³⁾	32,01 - 77,00	106211C
1 reinforced ⁽²⁾	1,00 - 32,00	109111C
2 reinforced ⁽³⁾	32,01 - 42,00	109221C
2 reinforced ⁽³⁾	42,01 - 62,00	109231C



Cross references: see page

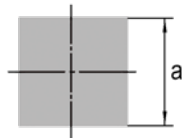
PUNCH OPTIONS	PUNCH	
Punches with shear (WT / DOWT / etc.) -> see page 68	Fully guided punch	14
⁽¹⁾ smaller 6,00 mm	Adjusting rings	46
Cutting part under 1,00 mm	Punch chuck	47
X3-PM quality	Additional costs for coating	66
	Polished cutting part	67

STRIPPER OPTIONS	STRIPPER	
PU coating for low-scratch material handling	Spare parts	64
	PU stripper	61

DIE OPTIONS	DIE	
⁽²⁾ H-PM® quality	Adapter rings	47
⁽³⁾ H-PM® quality	Compensating rings	49
Slug-stop version (negative cutting)	RTC cartridge and die carrier	52
Brush version for low-scratch material handling	Keyway clamps	64
X8-PM quality	Slug-snap version (for slug-problems)	69

STANDARD TOOLS SQUARE

SIZE	DIM. A	PART-NO.
PUNCH (H-PM®)		
0	1,00 - 4,20	107A02C
0	4,21 - 7,40 ^(*)	107B02C
1	1,00 - 21,55	101112C
2	21,56 - 28,25	101212C
2	28,26 - 35,90	101222C
2	35,91 - 42,40	101232C
2	42,41 - 50,90	101242C
2	50,91 - 53,90	101252C
Reinforced	1,00 - 21,55	108112C
Reinforced	21,56 - 28,25	108122C
STRIPPER		
2	1,00 - 56,00	112212C
DIE (HWS)		
1 ^(*)	1,00 - 22,50	106112C
2 ^(*)	22,51 - 54,90	106212C
1 reinforced ^(*)	1,00 - 22,50	109112C
2 reinforced ^(*)	22,51 - 30,20	109222C
2 reinforced ^(*)	30,21 - 43,00	109232C



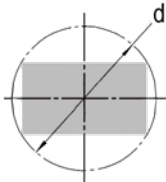
Cross references: see page

PUNCH OPTIONS	PUNCH	
Punches with shear (WT / DOWT / etc.) -> see page 68	Fully guided punch	15
^(*) smaller 4,20 mm	Adjusting rings	46
Cutting part under 1,00 mm	Punch chuck	47
4 x same corner radius	ps:®passfit - explanation and additional costs	51
X3-PM quality	Additional costs for coating	66
	Polished cutting part	67
STRIPPER OPTIONS	STRIPPER	
PU coating for low-scratch material handling	Spare parts	64
	Push-out stripper	65
	PU stripper	61
DIE OPTIONS	DIE	
^(*) H-PM® quality	Adapter rings	47
^(*) H-PM® quality	Compensating rings	49
Slug-stop version (negative cutting)	RTC cartridge and die carrier	52
Additional keyway	Keyway clamps	64
Brush version for low-scratch material handling	Slug-snap version (for slug-problems)	69
X8-PM quality		

STANDARD TOOLS RECTANGLE



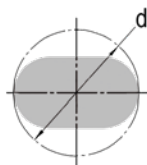
SIZE	DIM. D	PART-NO.
PUNCH (H-PM®)		
0	1,00 - 6,00	107A03C
0	6,01 - 10,50 ⁽¹⁾	107B03C
1	1,00 - 30,50	101113C
2	30,51 - 40,00	101213C
2	40,01 - 50,80	101223C
2	50,81 - 60,00	101233C
2	60,01 - 72,00	101243C
2	72,01 - 76,20	101253C
Reinforced	1,00 - 30,50	108113C
Reinforced	30,51 - 40,00	108123C
STRIPPER		
2	1,00 - 78,00	112213C
DIE (HWS)		
1 ⁽²⁾	1,00 - 32,00	106113C
2 ⁽³⁾	32,01 - 77,00	106213C
1 reinforced ⁽²⁾	1,00 - 32,00	109113C
2 reinforced ⁽³⁾	32,01 - 42,00	109223C
2 reinforced ⁽³⁾	42,01 - 62,00	109233C



Cross references:		see page
PUNCH OPTIONS		
PUNCH		
Punches with shear (WT / DOWT / etc.) -> see page 68	Fully guided punch	15
⁽¹⁾ smaller 6,00 mm	Slitting punches for slittings close to embossing	34 - 35
Cutting part under 1,00 mm	Adjusting rings	46
4 x same corner radius	Punch chuck	47
X3-PM quality	ps:®passfit - explanation and additional costs	51
	Additional costs for coating	66
	Polished cutting part	67
STRIPPER OPTIONS		
STRIPPER		
PU coating for low-scratch material handling	Spare parts	64
	Push-out stripper	65
	PU stripper	61
DIE OPTIONS		
DIE		
⁽²⁾ H-PM® quality	Adapter rings	47
⁽³⁾ H-PM® quality	Compensating rings	49
Slug-stop version (negative cutting)	RTC cartridge and die carrier	52
Additional keyway	Keyway clamps	64
Brush version for low-scratch material handling	Slug-snap version (for slug-problems)	69
X8-PM quality		

STANDARD TOOLS OBLONG

SIZE	DIM. D	PART-NO.
PUNCH (H-PM®)		
0	1,00 - 6,00	107A04C
0	6,01 - 10,50 ^(*)	107B04C
1	1,00 - 30,50	101114C
2	30,51 - 40,00	101214C
2	40,01 - 50,80	101224C
2	50,81 - 60,00	101234C
2	60,01 - 72,00	101244C
2	72,01 - 76,20	101254C
Reinforced	1,00 - 30,50	108114C
Reinforced	30,51 - 40,00	108124C
STRIPPER		
2	1,00 - 78,00	112214C
DIE (HWS)		
1 ⁽²⁾	1,00 - 32,00	106114C
2 ⁽³⁾	32,01 - 77,00	106214C
1 reinforced ⁽²⁾	1,00 - 32,00	109114C
2 reinforced ⁽³⁾	32,01 - 42,00	109224C
2 reinforced ⁽³⁾	42,01 - 62,00	109234C



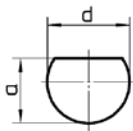
	Cross references:	see page
PUNCH OPTIONS	PUNCH	
Punches with shear (WT / DOWT / etc.) -> see page 68	Fully guided punch	15
^(*) smaller 6,00 mm	Slitting punches for slittings close to embossing	34 - 35
Cutting part under 1,00 mm	Adjusting rings	46
X3-PM quality	Punch chuck	47
	ps:®passfit - explanation and additional costs	51
	Additional costs for coating	66
	Polished cutting part	67
STRIPPER OPTIONS	STRIPPER	
PU coating for low-scratch material handling	Spare parts	64
	Push-out stripper	65
	PU stripper	61
DIE OPTIONS	DIE	
⁽²⁾ H-PM® quality	Adapter rings	47
⁽³⁾ H-PM® quality	Compensating rings	49
Slug-stop version (negative cutting)	RTC cartridge and die carrier	52
Additional keyway	Keyway clamps	64
Brush version for low-scratch material handling	Slug-snap version (for slug-problems)	69
X8-PM quality		

SPECIAL SHAPE TOOLS GROUP 1

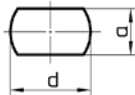
(SF01, SF02, SF04, SF05)



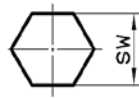
SIZE	DIM. D	PART-NO.
PUNCH (H-PM®)		
0	1,00 - 6,00	121A0_C1
0	6,01 - 10,50 ⁽¹⁾	121B0_C1
1	1,00 - 30,50	12111_C1
2	30,51 - 40,00	12121_C1
2	40,01 - 50,80	12122_C1
2	50,81 - 60,00	12123_C1
2	60,01 - 72,00	12124_C1
2	72,01 - 76,20	12125_C1
Reinforced	1,00 - 30,50	V2111_C1
Reinforced	30,51 - 40,00	121V1_C1
STRIPPER		
2	1,00 - 78,00	127H1_C1
DIE (HWS)		
1 ⁽²⁾	1,00 - 32,00	12611_C1
2 ⁽³⁾	32,01 - 77,00	12621_C1
1 reinforced ⁽²⁾	1,00 - 32,00	V2611_C1
2 reinforced ⁽³⁾	32,01 - 42,00	126V1_C1
2 reinforced ⁽³⁾	42,01 - 62,00	126V2_C1



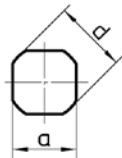
SF01



SF02



SF04



SF05

Cross references:		see page
PUNCH OPTIONS		
PUNCH		
Punches with shear (WT / DOWT / etc.) -> see page 68	Fully guided punch	15
⁽¹⁾ smaller 6,00 mm	Adjusting rings	46
Cutting part under 1,00 mm	Punch chuck	47
X3-PM quality	ps:®passfit - explanation and additional costs	51
	Additional costs for coating	66
	Polished cutting part	67
STRIPPER OPTIONS		
STRIPPER		
PU coating for low-scratch material handling	Spare parts	64
	PU stripper	61
DIE OPTIONS		
DIE		
⁽²⁾ H-PM® quality	Adapter rings	47
⁽³⁾ H-PM® quality	Compensating rings	49
Slug-stop version (negative cutting)	RTC cartridge and die carrier	52
Additional keyway	Keyway clamps	64
Brush version for low-scratch material handling	Slug-snap version (for slug-problems)	69
X8-PM quality		

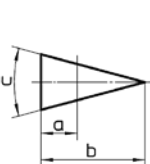
SPECIAL SHAPE TOOLS GROUP 2

(SF03, SF07, SF13, SF17)

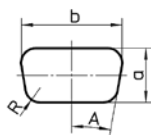
SIZE	DIM. D	PART-NO.
PUNCH (H-PM®)		
0	1,00 - 6,00	121A0_C2
0	6,01 - 10,50 ^(*)	121B0_C2
1	1,00 - 30,50	12111_C2
2	30,51 - 40,00	12121_C2
2	40,01 - 50,80	12122_C2
2	50,81 - 60,00	12123_C2
2	60,01 - 72,00	12124_C2
2	72,01 - 76,20	12125_C2
Reinforced	1,00 - 30,50	V2111_C2
Reinforced	30,51 - 40,00	121V1_C2

STRIPPER		
2	1,00 - 78,00	127H1_C2

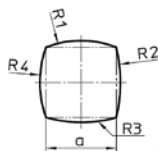
DIE (HWS)		
1 ^(*)	1,00 - 32,00	12611_C2
2 ^(*)	32,01 - 77,00	12621_C2
1 reinforced ^(*)	1,00 - 32,00	V2611_C2
2 reinforced ^(*)	32,01 - 42,00	126V1_C2
2 reinforced ^(*)	42,01 - 62,00	126V2_C2



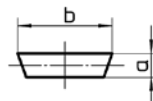
SF03



SF07



SF13



SF17



Cross references: see page

PUNCH OPTIONS

Punches with shear (WT / DOWT / etc.) -> see page 68

^(*) smaller 6,00 mm

Cutting part under 1,00 mm

X3-PM quality

PUNCH

Fully guided punch	15
Slitting punches for slittings close to embossing	34 - 35
Adjusting rings	46
Punch chuck	47
ps:®passfit - explanation and additional costs	51
Additional costs for coating	66
Polished cutting part	67

STRIPPER OPTIONS

PU coating for low-scratch material handling

STRIPPER

Spare parts	64
Push-out stripper	65
PU stripper	61

DIE OPTIONS

^(*) H-PM® quality

^(*) H-PM® quality

Slug-stop version (negative cutting)

Additional keyway

Brush version for low-scratch material handling

X8-PM quality

DIE

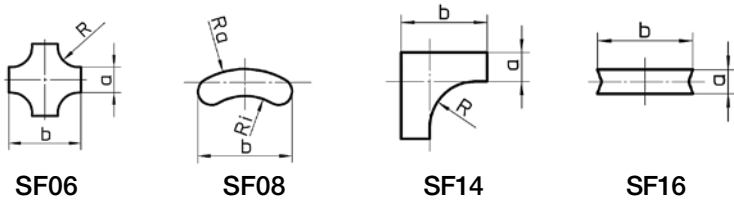
Adapter rings	47
Compensating rings	49
RTC cartridge and die carrier	52
Keyway clamps	64
Slug-snap version (for slug-problems)	69

SPECIAL SHAPE TOOLS GROUP 3

(SF06, SF08, SF14, SF16)



SIZE	DIM. D	PART-NO.
PUNCH (H-PM®)		
0	1,00 - 6,00	121A0_C3
0	6,01 - 10,50 ⁽¹⁾	121B0_C3
1	1,00 - 30,50	12111_C3
2	30,51 - 40,00	12121_C3
2	40,01 - 50,80	12122_C3
2	50,81 - 60,00	12123_C3
2	60,01 - 72,00	12124_C3
2	72,01 - 76,20	12125_C3
Reinforced	1,00 - 30,50	V2111_C3
Reinforced	30,51 - 40,00	121V1_C3
STRIPPER		
2	1,00 - 78,00	127H1_C3
DIE (HWS)		
1 ⁽²⁾	1,00 - 32,00	12611_C3
2 ⁽³⁾	32,01 - 77,00	12621_C3
1 reinforced ⁽²⁾	1,00 - 32,00	V2611_C3
2 reinforced ⁽³⁾	32,01 - 42,00	126V1_C3
2 reinforced ⁽³⁾	42,01 - 62,00	126V2_C3



Cross references:		see page
PUNCH OPTIONS		
PUNCH		
Punches with shear (WT / DOWT / etc.) -> see page 68	Fully guided punch	15
⁽¹⁾ smaller 6,00 mm	Slitting punches for slittings close to embossing	34 - 35
Cutting part under 1,00 mm	Adjusting rings	46
X3-PM quality	Punch chuck	47
	ps:®passfit - explanation and additional costs	51
	Additional costs for coating	66
	Polished cutting part	67
STRIPPER OPTIONS		
STRIPPER		
PU coating for low-scratch material handling	Spare parts	64
	Push-out stripper	65
	PU stripper	61
DIE OPTIONS		
DIE		
⁽²⁾ H-PM® quality	Adapter rings	47
⁽³⁾ H-PM® quality	Compensating rings	49
Slug-stop version (negative cutting)	RTC cartridge and die carrier	52
Additional keyway	Keyway clamps	64
Brush version for low-scratch material handling	Slug-snap version (for slug-problems)	69
X8-PM quality		

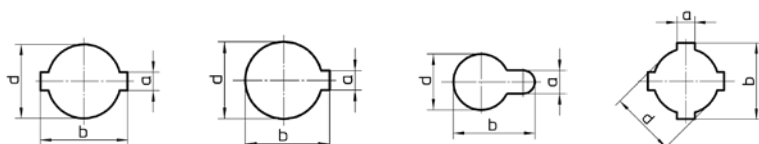
SPECIAL SHAPE TOOLS GROUP 4

(SF09, SF10, SF11, SF12)

SIZE	DIM. D	PART-NO.
PUNCH (H-PM®)		
0	1,00 - 6,00	121A0_C4
0	6,01 - 10,50 ^(*)	121B0_C4
1	1,00 - 30,50	12111_C4
2	30,51 - 40,00	12121_C4
2	40,01 - 50,80	12122_C4
2	50,81 - 60,00	12123_C4
2	60,01 - 72,00	12124_C4
2	72,01 - 76,20	12125_C4
Reinforced	1,00 - 30,50	V2111_C4
Reinforced	30,51 - 40,00	121V1_C4

STRIPPER		
2	1,00 - 78,00	127H1_C4

DIE (HWS)		
1 ^(*)	1,00 - 32,00	12611_C4
2 ^(*)	32,01 - 77,00	12621_C4
1 reinforced ^(*)	1,00 - 32,00	V2611_C4
2 reinforced ^(*)	32,01 - 42,00	126V1_C4
2 reinforced ^(*)	42,01 - 62,00	126V2_C4



SF09

SF10

SF11

SF12



Cross references:		see page
PUNCH OPTIONS		PUNCH
Punches with shear (WT / DOWT / etc.) -> see page 68		Fully guided punch 15
^(*) smaller 6,00 mm		Adjusting rings 46
Cutting part under 1,00 mm		Punch chuck 47
X3-PM quality		ps:®passfit - explanation and additional costs 51
		Additional costs for coating 66
		Polished cutting part 67
STRIPPER OPTIONS		STRIPPER
PU coating for low-scratch material handling		Spare parts 64
		PU stripper 61
DIE OPTIONS		DIE
^(*) H-PM® quality		Adapter rings 47
^(*) H-PM® quality		Compensating rings 49
Slug-stop version (negative cutting)		RTC cartridge and die carrier 52
Additional keyway		Keyway clamps 64
Brush version for low-scratch material handling		Slug-snap version (for slug-problems) 69
X8-PM quality<GT>		

PUNCH WITH GUIDED CUTTING PART - ROUND

FOR ROUND PUNCH (DIMENSION D = 0,50 MM — 6,00 MM / 6,01 MM — 10,50 MM)



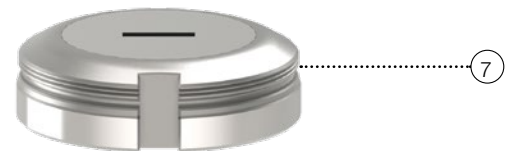
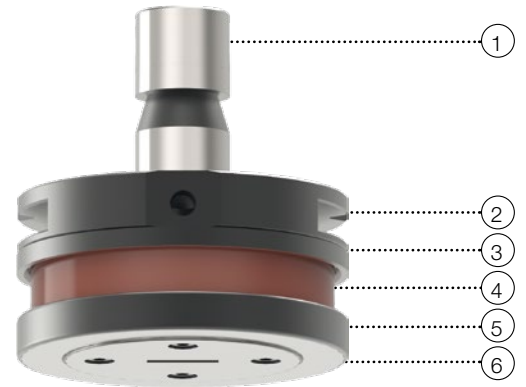
DESCRIPTION	POSITION	PART-NO.
UP TO 6,00 MM		
Complete upper part	1 - 5	1S160A
Stripper round 26 mm	6	112211C26
Die (HWS) ^(*)	7	106111C
SPARE PARTS		
Spare punch needle (H-PM®)	2	1S16SA
Spare spring	3	1S1608
Spare guide	5	1S1603
Spare clamp nut	4	1S1607
UP TO 10,50 MM		
Complete upper part ^(*)	1 - 5	1S160B
Stripper round 26 mm	6	112211C26
Die (HWS) ^(*)	7	106111C
SPARE PARTS		
Spare punch needle (H-PM®) ^(*)	2	1S16SB
Spare spring	3	1S1609
Spare guide	5	1S1604
Spare clamp nut	4	1S1607

PUNCH OPTIONS		Cross references:	see page
^(*) smaller 6,00 mm		PUNCH	
Cutting part under 1,00 mm		Standard round punch	6
		Suitable adjusting ring - part-no. 118101	46
		Punch chuck	47
		Additional costs for coating (such as size 0)	66
		Polished cutting part (such as size 0)	67
STRIPPER OPTIONS		STRIPPER	
PU coating for low-scratch material handling		Spare parts	64
DIE OPTIONS		DIE	
^(*) H-PM® quality		Adapter rings	47
Brush version for low-scratch material handling		Compensating rings	49
		RTC cartridge and die carrier	52
		Slug-snap version (for slug-problems)	69

PUNCH WITH GUIDED CUTTING PART - FORM

FOR FORM PUNCH (DIMENSION D = 0,50 MM – 16,00 MM)

DESCRIPTION	POSITION	PART-NO.
SQUARE		
Complete upper part	1 - 6	1S16502
Spare punch (H-PM®)	3	1S16532
Spare spring	4	1S16540
Spare guide	6	1S16562
Die (HWS) ^(*)	7	106112C
RECTANGLE		
Complete upper part	1 - 6	1S16503
Spare punch (H-PM®)	3	1S16533
Spare spring	4	1S16540
Spare guide	6	1S16563
Die (HWS) ^(*)	7	106113C
OBLONG		
Complete upper part	1 - 6	1S16504
Spare punch (H-PM®)	3	1S16534
Spare spring	4	1S16540
Spare guide	6	1S16564
Die (HWS) ^(*)	7	106114C
SPECIAL SHAPES		
Complete upper part	1 - 6	on request
Spare punch (H-PM®)	3	on request
Spare spring	4	on request
Spare guide	6	on request
Die (HWS) ^(*)	7	on request



Cross references: see page

PUNCH OPTIONS	PUNCH	
Cutting part under 1,00 mm	Standard punch	from 7
	Punch chuck	47
	Additional costs for coating (such as size 1)	66
	Polished cutting part (such as size 1)	67
STRIPPER OPTIONS	STRIPPER	
Polished version for low-scratch material handling	Spare parts	64
DIE OPTIONS	DIE	
^(*) H-PM® quality	Adapter rings	47
Brush version for low-scratch material handling	Compensating rings	49
	RTC cartridge and die carrier	52
	Keyway clamps	64
	Slug-snap version (for slug-problems)	69



BEING MULTILATERAL: MULTITOOLS

PASS TOOLS FOR YOUR
TRUMPF SYSTEM

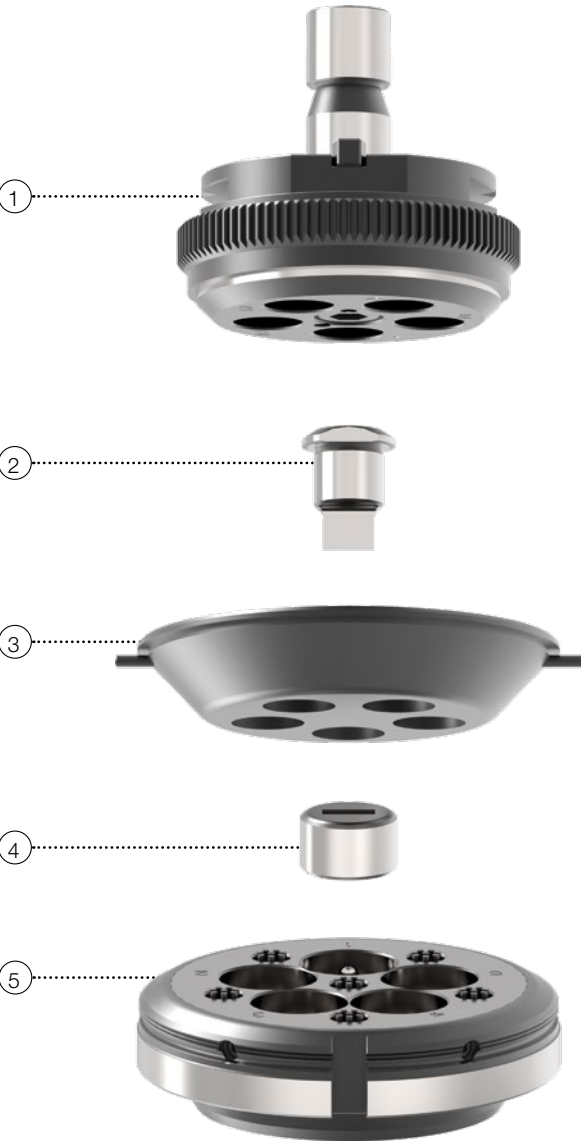
INDEX

ps:®MT5 for punching	page 18
ps:®MT10 for punching	page 19
ps:®easy-type	page 20
ps:®MT10 for embossing	page 21
Inserts Multitool 4-Station	page 22
Inserts Multitool 6-Station	page 23
ps:®MT10 cutting die	page 24

ps:®MT5 FOR PUNCHING

FOR MACHINE GROUP I (DIMENSION 1,00 MM — 16,00 MM)

(TRUPUNCH1000, 2000, 2020, 3000, 5000 TRUMATIC1000, 3000, 6000, 7000)



DESCRIPTION	POSITION	PART-NO.
PUNCH HOLDER		
Punch holder	1	113S30
PUNCH (H-PM®)		
Round	2	113N31
Square	2	113N32
Rectangle	2	113N33
Oblong	2	113N34
Special shape	2	on request
STRIPPER		
Round 17	3	115A30
With PU surface round 17	3*	115PU30
With customized shape	3*	115B30
DIES (H-PM®)		
Round	4	114031
Square	4	114032
Rectangle	4	114033
Oblong	4	114034
Special shape	4	on request
DIE HOLDER		
Die holder	5	114Z30

* no picture

Cross references:		see page
PUNCH AND PUNCH HOLDER OPTIONS		
PUNCH		
Max. sheet thickness - steel and alu up to 4,50 mm / stainless steel up to 3,00 mm	Types of special shapes	10 - 13
Cutting part under 1,00 mm	Additional costs for coating (Multitool)	66
	Polished cutting part (Multitool)	67
STRIPPER OPTIONS		
STRIPPER		
Polished version for low-scratch material handling	Spare parts	64
DIE OPTIONS		
DIE		
Slug-stop version (negative cutting)	RTC cartridge and die carrier	52
Set of shims: (2xt = 0,1 / 2xt = 0,3 / 2xt = 0,5) - part-no. 114U3M	Slug-snap version (for slug-problems)	69

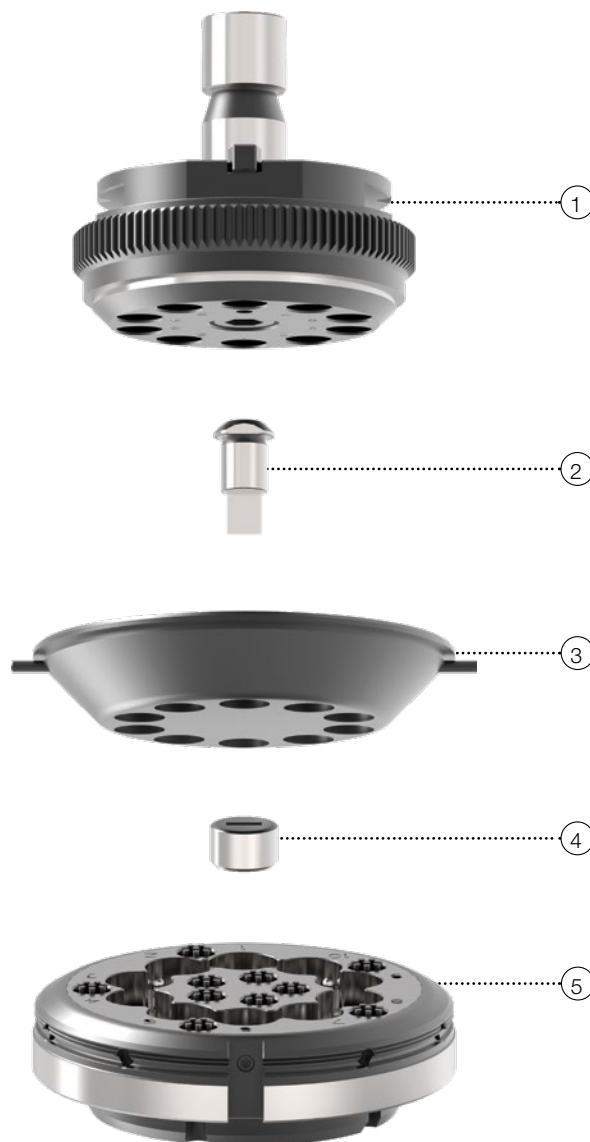
ps:®MT10 FOR PUNCHING

FOR MACHINE GROUP I (DIMENSION 1,00 MM – 10,50 MM)

(TRUPUNCH1000, 2000, 2020, 3000, 5000 TRUMATIC1000, 3000, 6000, 7000)

DESCRIPTION	POSITION	PART-NO.
PUNCH HOLDER		
Punch holder	1	113S40
PUNCH (H-PM®)		
Round	2	113N41
Square	2	113N42
Rectangle	2	113N43
Oblong	2	113N44
Special shape	2	on request
STRIPPER		
Round 12	3	115A40
With PU surface round 12	3*	115PU40
With customized shape	3*	115B40
DIES (H-PM®)		
Round	4	114041
Square	4	114042
Rectangle	4	114043
Oblong	4	114044
Special shape	4	on request
DIE HOLDER		
Die holder	5	114Z40

* no picture



Cross references: see page

PUNCH AND PUNCH HOLDER OPTIONS	PUNCH
Max. sheet thickness - steel and alu up to 4,50 mm / stainless steel up to 3,00 mm	Types of special shapes 10 - 13
Cutting part under 1,00 mm	Additional costs for coating (Multitool) 66
	Polished cutting part (Multitool) 67

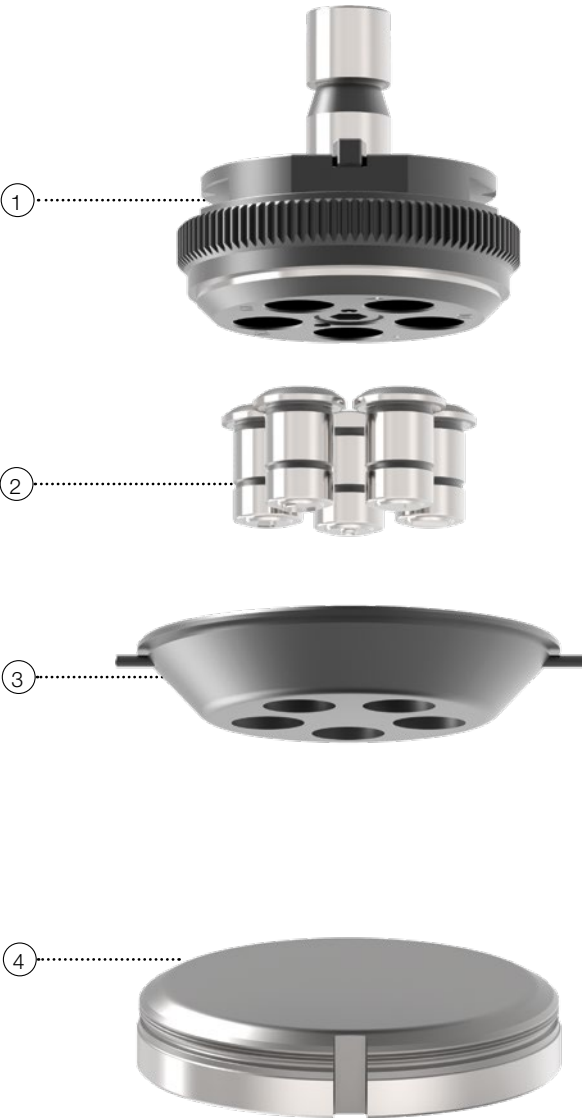
STRIPPER OPTIONS	STRIPPER
Polished version for low-scratch material handling	Spare parts 64

DIE OPTIONS	DIE
Slug-stop version (negative cutting)	Version as one piece die insert 24
Set of shims: (2xt = 0,1 / 2xt = 0,3 / 2xt = 0,5) - part-no. 114U4M	RTC cartridge and die carrier 52
	Slug-snap version (for slug-problems) 69

ps:® easy-type

FOR MACHINE GROUP I

(TRUPUNCH1000, 2000, 2020, 3000, 5000 TRUMATIC1000, 3000, 6000, 7000)



DESCRIPTION	POSITION	PART-NO.
PUNCH HOLDER		
Punch holder	1	113S30
PUNCH (SET CONSISTS OF: o, u, C, l, I)		
Set with letter height 4 mm	2	Z677450
Set with letter height 5 mm	2	Z677492
Set with letter height 6 mm	2	Z677493
Set with letter height 8 mm	2	Z677511
Set with letter height 10 mm	2	Z677512
STRIPPER		
Round 17	3	115A30
With PU surface round 17	3*	115PU30
EMBOSSING DIE		
Embossing die	4	113PM10

* no picture

STRIPPER OPTIONS

Stripper in polished version for low-scratch material handling

Cross references

ACCESSORIES

RTC cartridge and die carrier -> see page 52

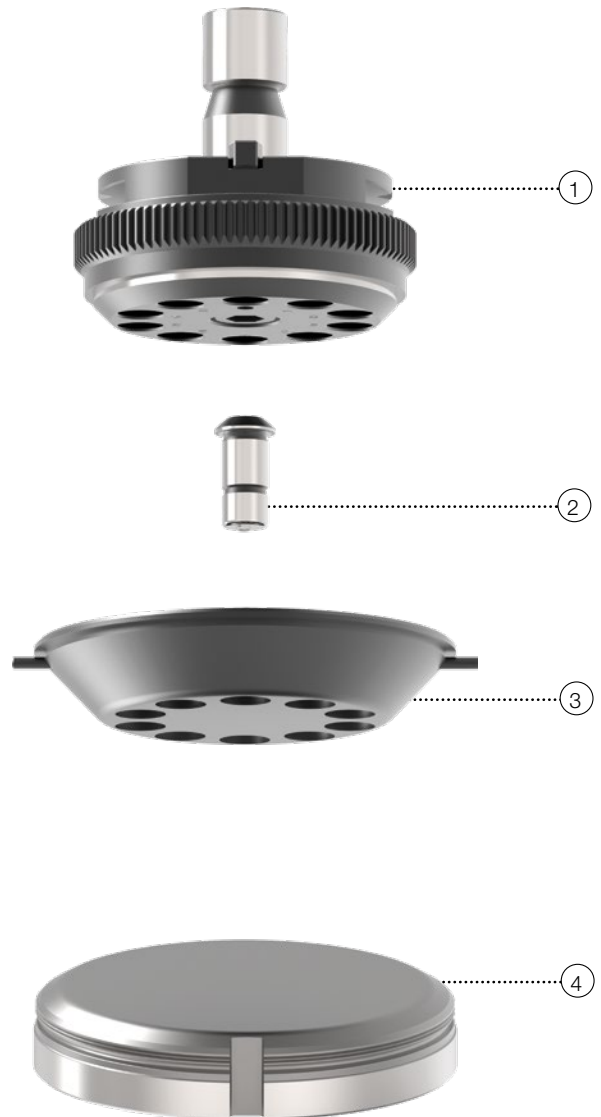
ps:®MT10 FOR EMBOSSING

FOR MACHINE GROUP I

(TRUPUNCH1000, 2000, 2020, 3000, 5000 TRUMATIC1000, 3000, 6000, 7000)

DESCRIPTION	POSITION	PART-NO.
PUNCH HOLDER		
Punch holder	1	113S40
PUNCH INSERT		
Letter, digit or special sign on customer request	2	113P10_?
STRIPPER		
Round 12	3	115A40
With PU surface round 12	3*	115PU40
EMBOSSING DIE		
Embossing die	4	113PM10

* no picture



Cross references / Additional costs:

STRIPPER OPTIONS

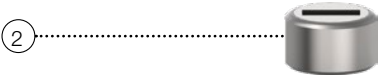
Stripper in polished version for low-scratch material handling

ACCESSORIES

RTC cartridge and die carrier -> see page 52

INSERTS MULTITOOL 4-STATION

FOR MACHINE GROUP H AND TC260 (DIMENSION 1,00 MM — 16,00 MM)
(TC600L, TC500R, TC200R, TC260R, TC260L)



DESCRIPTION	POSITION	PART-NO.
PUNCH (H-PM®)		
Round	1	113N11
Square	1	113N12
Rectangle	1	113N13
Oblong	1	113N14
Special shape	1	on request
DIES (H-PM®)		
Round	2	114011
Square	2	114012
Rectangle	2	114013
Oblong	2	114014
Special shape	2	on request

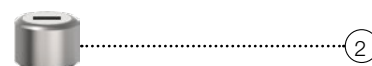
PUNCH OPTIONS		Cross references:	see page
Max. sheet thickness - steel and alu up to 3,00 mm / stainless steel up to 2,00 mm		PUNCH	
Cutting part under 1,00 mm		Types of special shapes	10 - 13
		Additional costs for coating (Multitool)	66
		Polished cutting part (Multitool)	67

DIE OPTIONS		DIE	
Slug-stop version (negative cutting)		Slug-snap version (for slug-problems)	69
Set of shims: (2xt = 0,1 / 2xt = 0,3 / 2xt = 0,5) - part-no. 114U1M			

INSERTS MULTITOOL 6-STATION

FOR MACHINE GROUP H AND TC260 (DIMENSION 1,00 MM — 10,50 MM)
(TC600L, TC500R, TC200R, TC260R, TC260L)

DESCRIPTION	POSITION	PART-NO.
PUNCH (H-PM®)		
Round	1	113N21
Square	1	113N22
Rectangle	1	113N23
Oblong	1	113N24
Special shape	1	on request
DIES (H-PM®)		
Round	2	114021
Square	2	114022
Rectangle	2	114023
Oblong	2	114024
Special shape	2	



PUNCH OPTIONS		Cross references:	see page
Max. sheet thickness - steel and alu up to 3,00 mm / stainless steel up to 2,00 mm		PUNCH	
Cutting part under 1,00 mm		Types of special shapes	10 - 13
		Additional costs for coating (Multitool)	66
		Polished cutting part (Multitool)	67

DIE OPTIONS		DIE	
Slug-stop version (negative cutting)		Slug-snap version (for slug-problems)	69
Set of shims: (2xt = 0,1 / 2xt = 0,3 / 2xt = 0,5) - part-no. 114U2M			

ps:®MT10 CUTTING DIE

FOR MULTITOOL MACHINE GROUP I (DIMENSION 1,00 MM - 10,50 MM)
(TRUPUNCH1000, 2000, 2020, 3000, 5000 TRUMATIC1000, 3000, 6000, 7000)



DESCRIPTION	POSITION	PART-NO.
CUTTING DIE (H-PM®)		
Shapes on customer request	1	114941
CUTTING DIE HOLDER (1)		
Without cutting die, incl. 1 set of shims	2	114640

CUTTING DIE HOLDER AND CUTTING DIE OPTIONS
Slug-stop version (negative cutting)
Slug-snap version (for slug-problems)
Set of shims:
(2xt = 0,1 / 2xt = 0,3 / 2xt = 0,5) - part-no. 114U4MG



SLITTING TOOLS

PASS TOOLS FOR YOUR TRUMPF SYSTEM

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ps:®T8-shear size 2 / 5 X 76,2	page 28
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Slitting Tool size 2 / 5 x 30 - Standard	page 30
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Slitting Tool size 2 / 5 x 56 - PU	page 34
Slitting Tool size 2 / 5 x 76,2 - PU	page 35

ps:®T8-shear SIZE 2 / 5 X 76,2

INTEGRATED ADJUSTING RING AND DIE PLATE



DESCRIPTION	POSITION	PART-NO.
PUNCH		
With integrated adjusting ring	1	1S108100
STRIPPER		
Stripper	2	1S108110
DIE PLATE		
Single	3	1S108131
Pair	3*	1S108132
DIE PLATE HOLDER		
Without die plate	4	1S108120

* no picture

PUNCH OPTIONS

Max. sheet thickness up to s = 3,00 mm

Cross references:	see page
PUNCH	
Additional costs for coating	66
RTC cartridge and die carrier	52

ps:®T8-trim SIZE 2 / 18 X 73

INTEGRATED ADJUSTING RING, DIE PLATE

DESCRIPTION	POSITION	PART-NO.
PUNCH		
With integrated adjusting ring	1	1S108200
STRIPPER		
Stripper	2	1S108210
DIE PLATE		
Single	3	1S108231
Pair	3*	1S108232
DIE PLATE HOLDER		
Without die plate	4	1S108220

* no picture

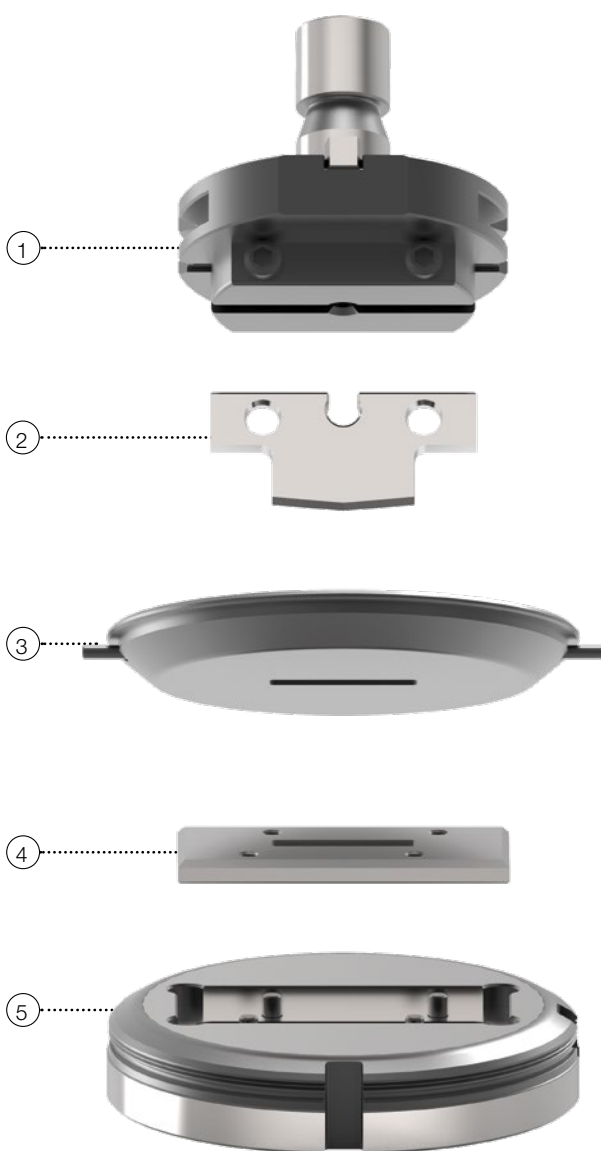


PUNCH OPTIONS	Cross references:	see page
Max. sheet thickness up to s = 3,00 mm	PUNCH	
	Additional costs for coating	66
	RTC cartridge and die carrier	52

CUTTING DIE HOLDER OPTIONS
Shim 0,3 mm - 1S108253
Shim 0,5 mm - 1S108255

SLITTING TOOL SIZE 2 / 5 X 30 - STANDARD

INTEGRATED ADJUSTING RING, SLITTING PUNCH BLADE, DIE PLATE



DESCRIPTION	POSITION	PART-NO.
COMPLETE TOOL ⁽¹⁾		
Oblong	1 - 5	1S0433110
Rectangle	1 - 5	1S0433120
Rectangle with 4 x R = 0,5	1 - 5	1S0433130
Trapezoid SF17	1 - 5	1S0433140
Double Trapezoid SF16	1 - 5	1S0433150
SLITTING PUNCH BLADE HOLDER (WITHOUT PUNCH BLADE INSERT)		
With integrated adjusting ring	1	1S0393
SLITTING PUNCH BLADE INSERT (H-PM®) ⁽¹⁾		
Oblong	2	1S04331
Rectangle	2	1S04332
Rectangle with 4 x R = 0,5	2	1S04333
Trapezoid SF17	2	1S04334
Double Trapezoid SF16	2	1S04335
STRIPPER		
Oblong	3	119234
Rectangle	3	119233
Rectangle with 4 x R = 0,5	3	119233
Trapezoid SF17	3	119237
Double Trapezoid SF16	3	119236
DIE PLATE (H-PM®)		
Oblong	4	1S17251
Rectangle ⁽²⁾	4	1S17252
Trapezoid SF17	4	1S17254
Double Trapezoid SF16	4	1S17255
DIE PLATE ADAPTER (WITHOUT DIE PLATE) ⁽³⁾		
Incl. screws	5	1S1730

Cross references: see page

UPPER PART OPTIONS	UPPER PART
Max. sheet thickness up to 3,00 mm	
⁽¹⁾ Additional costs for reduced dimensional deviation	66
⁽¹⁾ Standard version with rooftop	
Set of screws M 8 x 16 (2 pc per set)	
Part-no. 1S0393Z	67

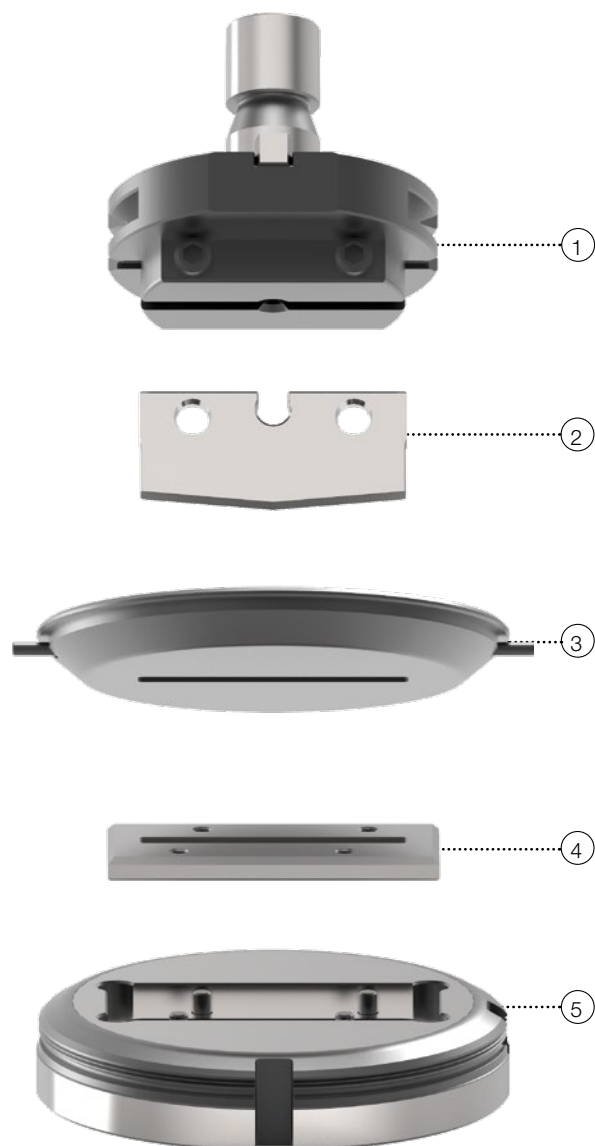
STRIPPER OPTIONS	STRIPPER
PU coating for low-scratch material handling	
	Spare parts 64
	Push-out stripper 65

LOWER PART OPTIONS	LOWER PART
Compensating rings:	
1 Set (2xt = 0,1 mm / 2xt = 0,3 mm / 2xt = 0,5 mm) - part-no. 1S3794	
⁽²⁾ Suitable for rectangle, as well as rectangle 4 x R = 0,5	RTC cartridge and die carrier 52
⁽³⁾ Brush version for low-scratch material handling	Keyway clamps 64
	Slug-snap version for slug problems (die size 2) 69

SLITTING TOOL SIZE 2 / 5 X 56 - STANDARD

INTEGRATED ADJUSTING RING, SLITTING PUNCH BLADE, DIE PLATE

DESCRIPTION	POSITION	PART-NO.
COMPLETE TOOL ^(*)		
Oblong	1 - 5	1S0431110
Rectangle	1 - 5	1S0431120
Rectangle with 4 x R = 0,5	1 - 5	1S0431130
Trapezoid SF17	1 - 5	1S0431140
Double Trapezoid SF16	1 - 5	1S0431150
SLITTING PUNCH BLADE HOLDER (WITHOUT PUNCH BLADE INSERT)		
With integrated adjusting ring	1	1S0393
SLITTING PUNCH BLADE INSERT (H-PM[®]) ^(*)		
Oblong	2	1S04311
Rectangle	2	1S04312
Rectangle with 4 x R = 0,5	2	1S04313
Trapezoid SF17	2	1S04314
Double Trapezoid SF16	2	1S04315
STRIPPER		
Oblong	3	119254
Rectangle	3	119253
Rectangle with 4 x R = 0,5	3	119253
Trapezoid SF17	3	119257
Double Trapezoid SF16	3	119256
DIE PLATE (H-PM[®])		
Oblong	4	1S17261
Rectangle ^(*)	4	1S17262
Trapezoid SF17	4	1S17264
Double Trapezoid SF16	4	1S17265
DIE PLATE ADAPTER (WITHOUT DIE PLATE) ^(*)		
Incl. screws	5	1S1756



Cross references: see page

UPPER PART OPTIONS

Max. sheet thickness up to 3,00 mm

^(*) Additional costs for reduced dimensional deviation

^(*) Standard version with rooftop

Set of screws M 8 x 16 (2 pc per set)

Part-no. 1S0393Z

UPPER PART

Slitting close to embossing	33 - 34
Additional costs for coating (slitting punch blade insert)	66
Polished cutting part (punch size 2)	67

STRIPPER OPTIONS

PU coating for low-scratch material handling

STRIPPER

Spare parts	64
Push-out stripper	65

LOWER PART OPTIONS

Compensating rings:

1 Set (2xt = 0,1 mm / 2xt = 0,3 mm / 2xt = 0,5 mm) - part-no. 1S3794

^(*) Suitable for rectangle, as well as rectangle 4 x R = 0,5

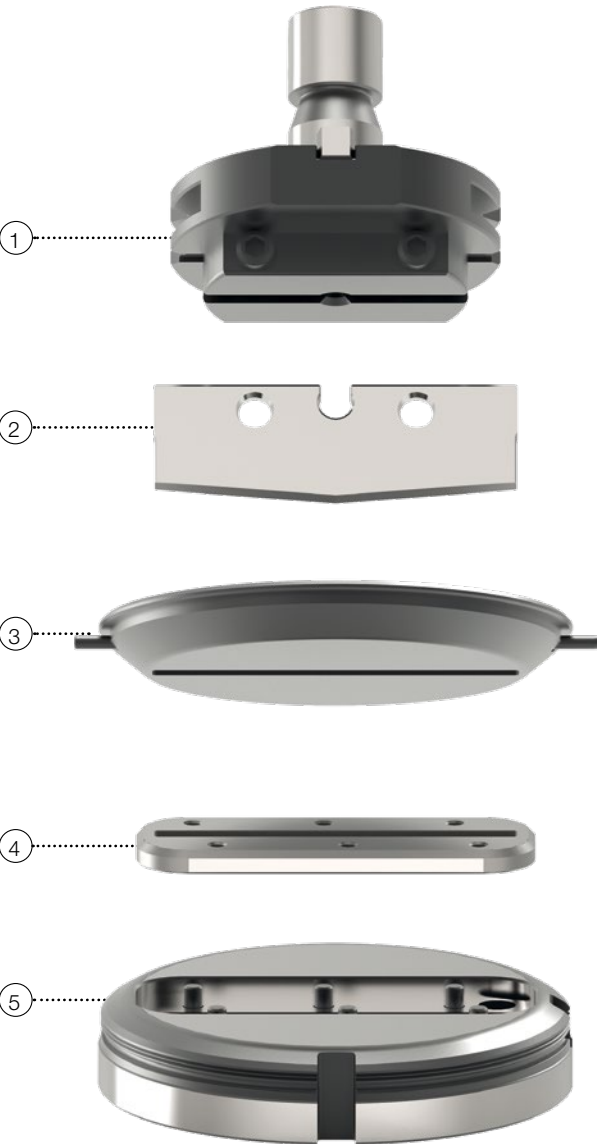
^(*) Brush version for low-scratch material handling

LOWER PART

RTC cartridge and die carrier	52
Keyway clamps	64
Slug-snap version for slug problems (die size 2)	69

SLITTING TOOL SIZE 2 / 5 X 76,2 - STANDARD

INTEGRATED ADJUSTING RING, SLITTING PUNCH BLADE, DIE PLATE



DESCRIPTION	POSITION	PART-NO.
COMPLETE TOOL ^(*)		
Oblong	1 - 5	1S0432110
Rectangle	1 - 5	1S0432120
Rectangle with 4 x R = 0,5	1 - 5	1S0432130
Trapezoid SF17	1 - 5	1S0432140
Double Trapezoid SF16	1 - 5	1S0432150
SLITTING PUNCH BLADE HOLDER (WITHOUT PUNCH BLADE INSERT)		
With integrated adjusting ring	1	1S0393
SLITTING PUNCH BLADE INSERT (H-PM [®]) ^(*)		
Oblong	2	1S04321
Rectangle	2	1S04322
Rectangle with 4 x R = 0,5	2	1S04323
Trapezoid SF17	2	1S04324
Double Trapezoid SF16	2	1S04325
STRIPPER		
Oblong	3	119274
Rectangle	3	119273
Rectangle with 4 x R = 0,5	3	119273
Trapezoid SF17	3	119277
Double Trapezoid SF16	3	119276
DIE PLATE (H-PM [®])		
Oblong	4	1S17411
Rectangle ^(*)	4	1S17412
Trapezoid SF17	4	1S17414
Double Trapezoid SF16	4	1S17415
DIE PLATE ADAPTER (WITHOUT DIE PLATE) ^(*)		
Incl. screws	5	1S1776

UPPER PART OPTIONS

Max. sheet thickness up to 2,50 mm

^(*) Additional costs for reduced dimensional deviation

^(*) Standard version with rooftop

Set of screws M 8 x 16 (2 pc per set)

Part-no. 1S0393Z

Cross references:

see page

UPPER PART

Slitting close to embossing	35
Additional costs for coating (slitting punch blade insert)	66
Polished cutting part (punch size 2)	67

STRIPPER OPTIONS

PU coating for low-scratch material handling

STRIPPER

Spare parts	64
Push-out stripper	65

LOWER PART OPTIONS

Compensating rings:

1 Set (2xt = 0,1 mm / 2xt = 0,3 mm / 2xt = 0,5 mm) - part-no. 1S3797

^(*) Suitable for rectangle, as well as rectangle 4 x R = 0,5

^(*) Brush version for low-scratch material handling

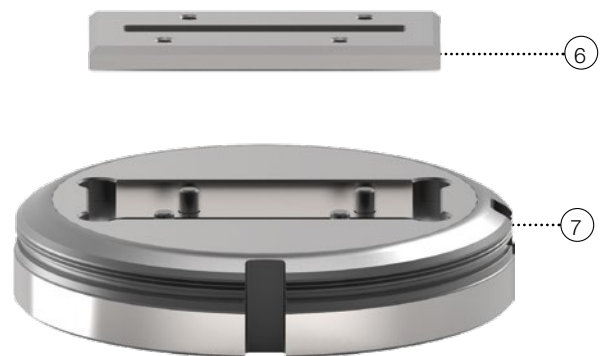
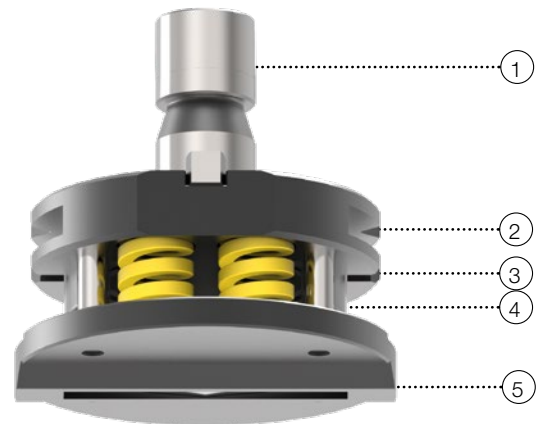
LOWER PART

RTC cartridge and die carrier	52
Keyway clamps	64
Slug-snap version for slug problems (die size 2)	69

SLITTING TOOL SIZE 2 / 5 X 56 - SPRING LOADED

INTEGRATED ADJUSTING RING, SLITTING PUNCH BLADE AND DIE PLATE FOR SLITTING
CLOSE TO EMBOSSING UP TO $H = 4,50$ MM, WITH SPRING-LOADED METAL STRIPPER

DESCRIPTION	POSITION	PART-NO.
COMPLETE TOOL ^(*)		
Oblong	1 - 7	1S037110
Rectangle	1 - 7	1S037120
Rectangle with $4 \times R = 0,5$	1 - 7	1S037130
Trapezoid SF17	1 - 7	1S037140
Double Trapezoid SF16	1 - 7	1S037150
COMPLETE UPPER PART ^(*)		
Oblong	1 - 5	1S03711
Rectangle	1 - 5	1S03712
Rectangle with $4 \times R = 0,5$	1 - 5	1S03713
Trapezoid SF17	1 - 5	1S03714
Double Trapezoid SF16	1 - 5	1S03715
SPARE PARTS FOR UPPER PART		
Slitting punch blade holder	1	1S0371
Spare springs and screws	3 + 4	1S0379
Active stripper	5	1S03752C
SLITTING PUNCH BLADE INSERT (H-PM[®]) ^(*)		
Oblong	2	1S04311
Rectangle	2	1S04312
Rectangle with $4 \times R = 0,5$	2	1S04313
Trapezoid SF17	2	1S04314
Double Trapezoid SF16	2	1S04315
DIE PLATE (H-PM[®])		
Oblong	6	1S17261
Rectangle ^(*)	6	1S17262
Trapezoid SF17	6	1S17264
Double Trapezoid SF16	6	1S17265
DIE PLATE ADAPTER (WITHOUT DIE PLATE) ^(*)		
Incl. screws	7	1S1756



Cross references: see page

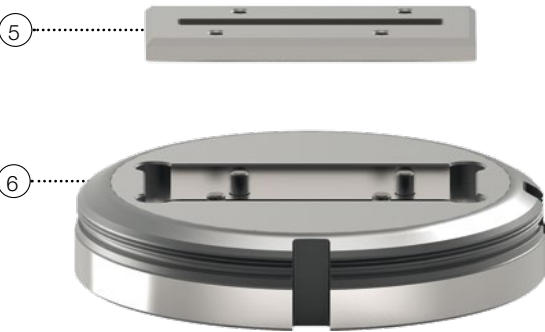
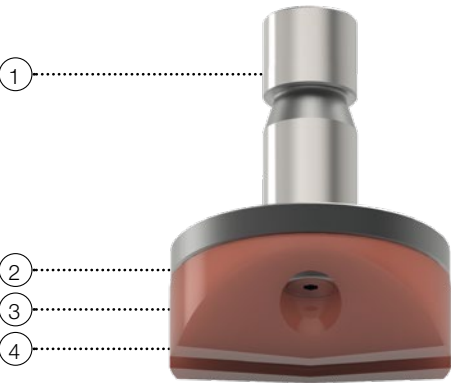
UPPER PART OPTIONS	UPPER PART
Max. sheet thickness up to 1,50 mm	
^(*) Additional costs for reduced dimensional deviation	Additional costs for coating (slitting punch blade insert) 66
^(*) Standard version with rooftop	Polished cutting part (punch size 2) 67
Set of screws M 8 x 16 (2 pc per set)	
Part-no. 1S0393Z	

STRIPPER OPTIONS	STRIPPER
Polished version for low-scratch material handling	

LOWER PART OPTIONS	LOWER PART
Compensating rings:	
1 Set (2xt = 0,1 mm / 2xt = 0,3 mm / 2xt = 0,5 mm) - part-no. 1S3794	RTC cartridge and die carrier 52
^(*) Suitable for rectangle, as well as rectangle $4 \times R = 0,5$	Keyway clamps 64
^(*) Brush version for low-scratch material handling	Slug-snap version for slug problems (die size 2) 69

SLITTING TOOL SIZE 2 / 5 X 56 - PU

FOR SLITTING CLOSE TO EMBOSSING, WITH PU STRIPPER



DESCRIPTION	POSITION	PART-NO.
COMPLETE TOOL ^(*)		
Oblong	1 - 6	1S295010
Rectangle	1 - 6	1S295020
Rectangle with 4 x R = 0,5	1 - 6	1S295030
Trapezoid SF17	1 - 6	1S295040
Double Trapezoid SF16	1 - 6	1S295050
COMPLETE UPPER PART (INCL. SPRINGS, SCREWS, SOCKETS) ^(*)		
Oblong	1 - 4	1S29501
Rectangle	1 - 4	1S29502
Rectangle with 4 x R = 0,5	1 - 4	1S29503
Trapezoid SF17	1 - 4	1S29504
Double Trapezoid SF16	1 - 4	1S29505
PUNCH (WITHOUT SPRINGS, SCREWS, SOCKETS) (H-PM®) ^(*)		
Oblong	1	1S29511
Rectangle	1	1S29512
Rectangle with 4 x R = 0,5	1	1S29513
Trapezoid SF17	1	1S29514
Double Trapezoid SF16	1	1S29515
DIE PLATE (H-PM®)		
Oblong	5	1S17261
Rectangle ^(*)	5	1S17262
Trapezoid SF17	5	1S17264
Double Trapezoid SF16	5	1S17265
DIE PLATE ADAPTER (WITHOUT DIE PLATE) ^(*)		
Incl. screws	6	1S1756

UPPER PART OPTIONS

Max. sheet thickness up to 3,00 mm

^(*) Additional costs for reduced dimensional deviation

^(*) Standard version with rooftop

X3-PM quality

Cross references: see page

UPPER PART

Adjusting rings	46
ps:®passfit - explanation and additional costs	51
Additional costs for coating (punch size 2)	66
Polished cutting part (punch size 2)	67

STRIPPER OPTIONS

Set of spare PU springs - part-no. 1S2956 - pos. 4

Set of spare sockets - part-no. 1S2954 - pos. 3

Set of spare screws - part-no. 1S2950 - pos. 2

STRIPPER

LOWER PART OPTIONS

Compensating rings:

1 Set (2xt = 0,1 mm / 2xt = 0,3 mm / 2xt = 0,5 mm) - part-no. 1S3794

^(*) Suitable for rectangle, as well as rectangle 4 x R = 0,5

^(*) Brush version for low-scratch material handling

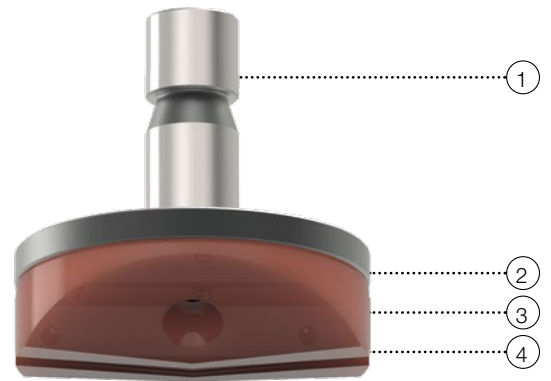
LOWER PART

RTC cartridge and die carrier	52
Keyway clamps	64
Slug-snap version for slug problems (die size 2)	69

SLITTING TOOL SIZE 2 / 5 X 76,2 - PU

FOR SLITTING CLOSE TO EMBOSSING, WITH PU STRIPPER

DESCRIPTION	POSITION	PART-NO.
COMPLETE TOOL ^(*)		
Oblong	1 - 6	1S297010
Rectangle	1 - 6	1S297020
Rectangle with 4 x R = 0,5	1 - 6	1S297030
Trapezoid SF17	1 - 6	1S297040
Double Trapezoid SF16	1 - 6	1S297050
COMPLETE UPPER PART (INCL. SPRINGS, SCREWS, SOCKETS) ^(*)		
Oblong	1 - 4	1S29701
Rectangle	1 - 4	1S29702
Rectangle with 4 x R = 0,5	1 - 4	1S29703
Trapezoid SF17	1 - 4	1S29704
Double Trapezoid SF16	1 - 4	1S29705
PUNCH (WITHOUT SPRINGS, SCREWS, SOCKETS) (H-PM®) ^(*)		
Oblong	1	1S29711
Rectangle	1	1S29712
Rectangle with 4 x R = 0,5	1	1S29713
Trapezoid SF17	1	1S29714
Double Trapezoid SF16	1	1S29715
DIE PLATE (H-PM®)		
Oblong	5	1S17411
Rectangle ^(*)	5	1S17412
Trapezoid SF17	5	1S17414
Double Trapezoid SF16	5	1S17415
DIE PLATE ADAPTER (WITHOUT DIE PLATE) ^(*)		
Incl. screws	6	1S1776



Cross references: see page

UPPER PART OPTIONS	UPPER PART
Max. sheet thickness up to 2,50 mm	Adjusting rings 46
^(*) Additional costs for reduced dimensional deviation	ps:®passfit - explanation and additional costs 51
^(*) Standard version with rooftop	Additional costs for coating (punch size 2) 66
X3-PM quality	Polished cutting part (punch size 2) 67

STRIPPER OPTIONS	STRIPPER
Set of spare PU springs - part-no. 1S2955 - pos. 4	
Set of spare sockets - part-no. 1S2954 - pos. 3	
Set of spare screws - part-no. 1S2950 - pos. 2	
LOWER PART OPTIONS	LOWER PART
Compensating rings:	RTC cartridge and die carrier 52
1 Set (2xt = 0,1 mm / 2xt = 0,3 mm / 2xt = 0,5 mm) - part-no. 1S3797	Keyway clamps 64
^(*) Suitable for rectangle, as well as rectangle 4 x R = 0,5	Slug-snap version for slug problems (die size 2) 69
^(*) Brush version for low-scratch material handling	



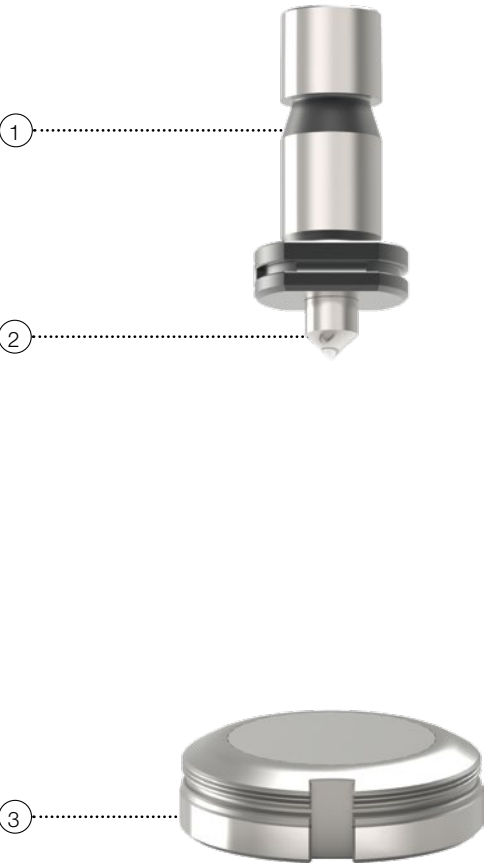
SPECIAL TOOLS

PASS EXTRA TOOLS FOR YOUR
TRUMPF SYSTEM

INDEX

Centre Punch Tool from Above	page 38
Centre Punch Tool from Below	page 39
ps:®signing	page 40
ps:®engraving	page 41
ps:®single-thread	page 42

CENTRE PUNCH TOOL FROM ABOVE



DESCRIPTION	SHEET THICKNESS	POSITION	PART-NO.
CENTRE PUNCH TOOL „SOLID“ - PUNCH CHUCK, CENTRE PUNCH, DIE ^(*)			
Complete tool	1,00 - 4,50*	1 - 3	1S092A
Complete tool	4,51 - 8,00	1 - 3	1S092B
SPARE CENTRE PUNCH			
Length 55,3 mm	1,00 - 4,50*	2	1S0921
Length 51,3 mm	4,51 - 8,00	2	1S0922
SPARE DIE			
Flat	1,00 - 8,00	3	1S3940

* for machine group I up to 8,00 mm

Details:

ACCESSORIES

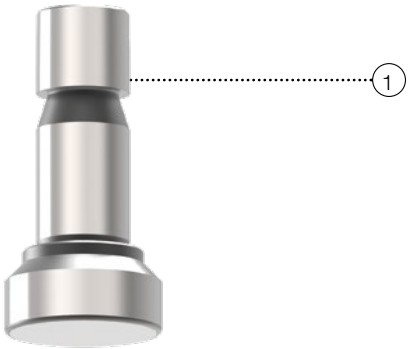
^(*) Suitable adjusting ring - part-no. 118101 -> see page 46

^(*) Screw with shoulder M14 x 1,5 x 12 - part-no. 1S0925

CENTRE PUNCH TOOL FROM BELOW

DESCRIPTION	SHEET THICKNESS	POSITION	PART-NO.
CENTRE PUNCH TOOL WITH STEPLESS ADJUSTABLE CENTRE MARK TEMPLATE DEPTH ^(*)			
Complete tool	1,00 - 4,00*	1 - 7	1S2800
SPARE PARTS FOR CENTRE PUNCH TOOL WITH STEPLESS ADJUSTABLE DEPTH			
Upper Part	1,00 - 4,00	1	1S2801
Stripper	1,00 - 4,00	2	1S2804
Centre punch	1,00 - 4,00	3	1S2805
Cushioning element	1,00 - 4,00	4	1S2806
Adjusting screw	1,00 - 4,00	7	1S2809

* for machine group I up to 8,00 mm



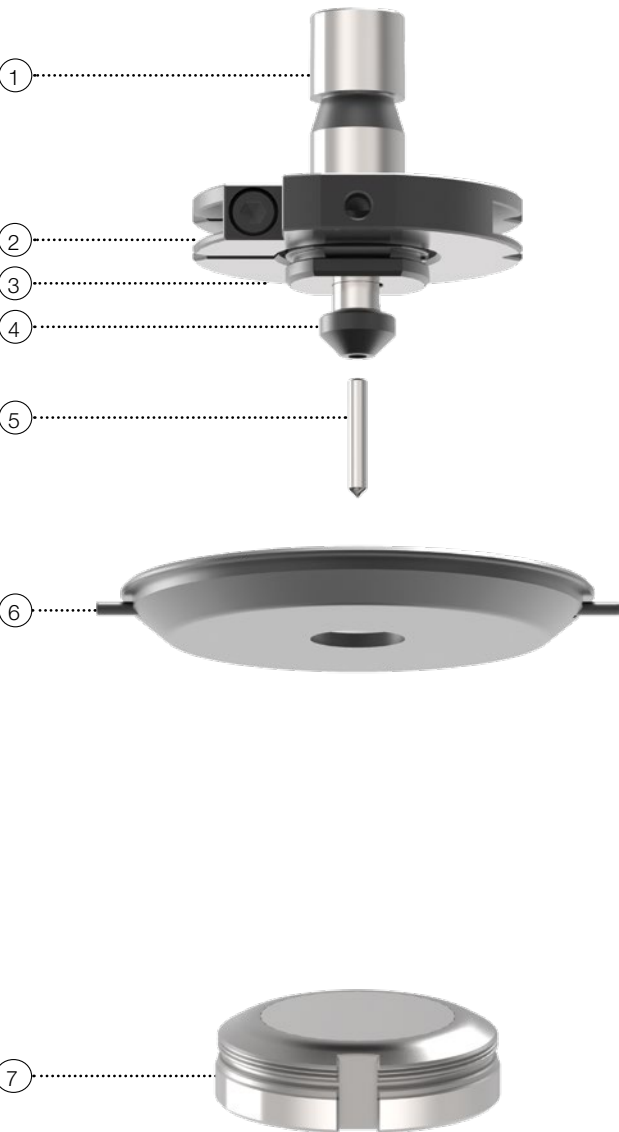
Details:

ACCESSORIES

^(*) Suitable adjusting ring - part-no. 118201 -> see page 46

ps:®signing

FOR SHEET THICKNESSES FROM 0,80 MM UP TO 8,00 MM



DESCRIPTION	POSITION	PART-NO.
COMPLETE SIGNING TOOL		
Consisting of: complete upper part, incl. adjusting ring, stripper Ø 20 and flat die	1 - 7	1S390W
COMPLETE SIGNING UPPER PART		
Consisting of: adapter, adjusting ring, signing pin and spring	1 - 5	1S3900
SPARE SIGNING PIN		
Made of H-PM® steel	5	1S3930
SPARE STRIPPER		
Ø 20	6	112211-20
SPARE DIE		
Flat	7	1S3940

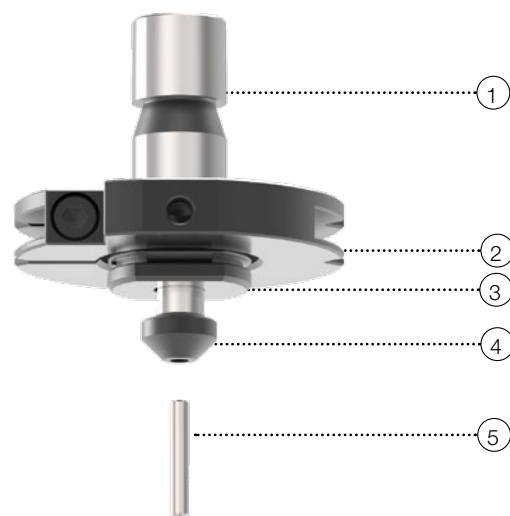
Details:	see page
ACCESSORIES	
Spare adjusting ring - part-no. 118101	46

Option „signing“ must be unlocked in the machine controlling

ps:® engraving

FOR SHEET THICKNESSES FROM 1,00 MM UP TO 8,00 MM

DESCRIPTION	POSITION	PART-NO.
ENGRAVING TOOL INCL. DIE AND BALL CASTER		
Consisting of: complete upper part, incl. 3 types of springs, adjusting ring, die and ball caster	1 - 8	199103950
ENGRAVING TOOL UPPER PART		
Incl. 3 types of springs	1 - 5	199103950-1
SPARE ENGRAVING NEEDLE		
Diamond	5	199103962
SPARE DIE		
Incl. Ampco plate and ball caster	6 - 8	199103950-2
SPARE SPRINGS		
„Green“ for aluminium		91701025A
„Blue“ for steel		91701025B
„Red“ for stainless steel		91701025C



Details: see page

ACCESSORIES

Spare adjusting ring - part-no. 118101 46

Option „engraving“ must be unlocked in the machine controlling

ps:®single-thread

FOR MACHINE GROUP I

(TRUPUNCH1000, 2000, 2020, 3000, 5000 TRUMATIC1000, 3000, 6000, 7000)



DESCRIPTION	SIZE	POSITION	PART-NO.
BASIC HOLDER (WITHOUT TAP MODULE AND TAP INSERT)			
Type 1	M2,5 - M5	1	924GF1101
Type 2	M6 - M10	1	924GF2101
TAP MODULE (WITHOUT TAP INSERTS)			
	M2,5	2	924GF1301
	M3	2	924GF1302
	M4	2	924GF1304
	M5	2	924GF1305
	M6	2	924GF2301
	M8	2	924GF2302
	M10	2	924GF2303
TAP INSERT (METRIC THREADS)			
for basic holder type 1	M2,5	3	924GF1401
for basic holder type 1	M3	3	924GF1402
for basic holder type 1	M4	3	924GF1404
for basic holder type 1	M5	3	924GF1405
for basic holder type 2	M6	3	924GF2401
for basic holder type 2	M8	3	924GF2402
for basic holder type 2	M10	3	924GF2403
DIE			
Type A ⁽¹⁾	M2,5 - M10	4	924GF2201
Type B ⁽²⁾	M2,5 - M8	4	924GF2211

⁽¹⁾ for flat sheets and extrusions upwards

⁽²⁾ for extrusions up- and downwards

Details:

INFORMATION

One complete tool always includes:
„Basic holder; tap module; tap insert and die“

Suitable for max. sheet thickness s = 1,00 mm up to 8,00 mm
Other thread sizes and versions (e.g. thread measured in inches) on request

Please note that tapping tools are exclusively used in machines with
programming option „Thread Forming“

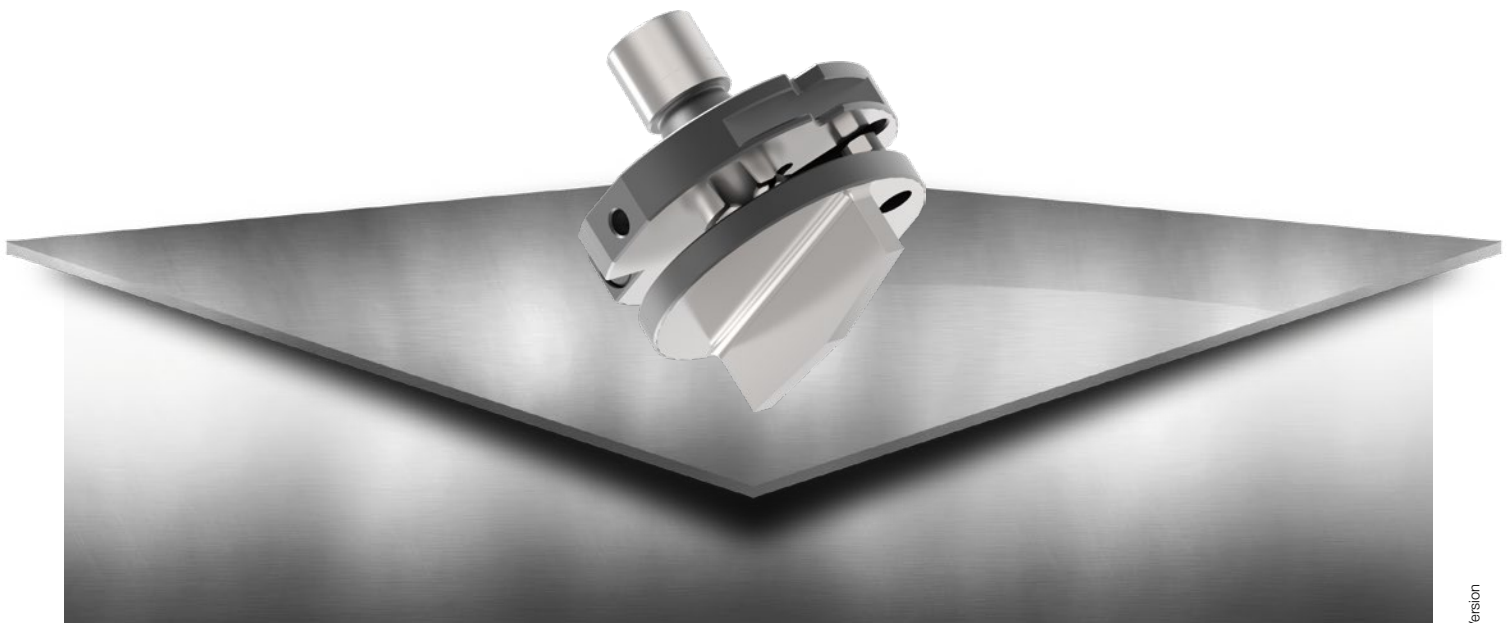
Cross references:

ACCESSORIES

RTC cartridge and die carrier

see page

52



IT DEPENDS ON: ACCESSORIES

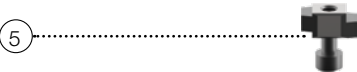
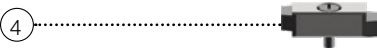
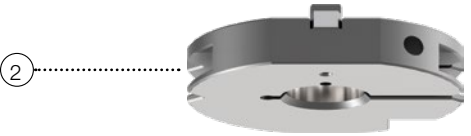
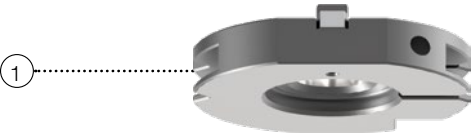
PASS ACCESSORIES FOR YOUR
TRUMPF SYSTEM

INDEX

Adjusting rings	page 46
Punch Chucks, Adapter Rings	page 47
Adjustment Unit for Punch	page 48
Shims for Dies	page 49
Soft pads	page 50
ps:®passfit	page 51
ps:®3D-RTC - cartridge plastic size 2	page 52
ps:®3D-RTC - cartridge plastic size 5	page 53

ADJUSTING RINGS

(FOR MACHINE GROUPS E / F / H / I)



SIZE	POSITION	PART-NO.
AUTOMATIC ADJUSTING RINGS INCL. KEY		
Size 1 with cut-out	1	118101
Size 2 without cut-out	2	118201

ADJUSTING RING INCL. KEY FOR REINFORCED VERSION PUNCHES FORM		
Reinforced	3	118V01

SPARE PARTS		
Key with screws for automatic adjusting rings	4	118902
Key with screws for reinforced adjusting rings	5	118903

Cross references: see page

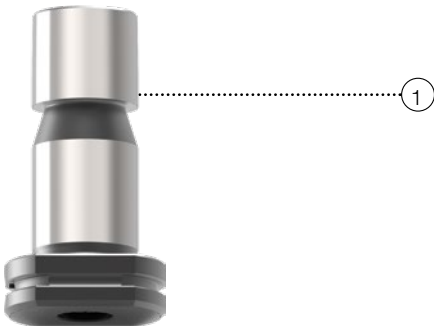
PUNCH	
Punch size 1 and 2	6 - 13

ACCESSORIES	
ps:®passfit - explanation and additional costs	51
Spare parts	64

PUNCH CHUCKS, ADAPTER RINGS

(FOR MACHINE GROUPS E / F / H / I)

SIZE	POSITION	PART-NO.
PUNCH CHUCK		
0 (up to 6,00 mm)	1	119A01
0 (up to 10,50 mm)	1	119B01
ADAPTER RING FOR DIE		
2 / 1	2	120210
ADAPTER RING WITH BRUSHES		
2 / 1	3	1S1820



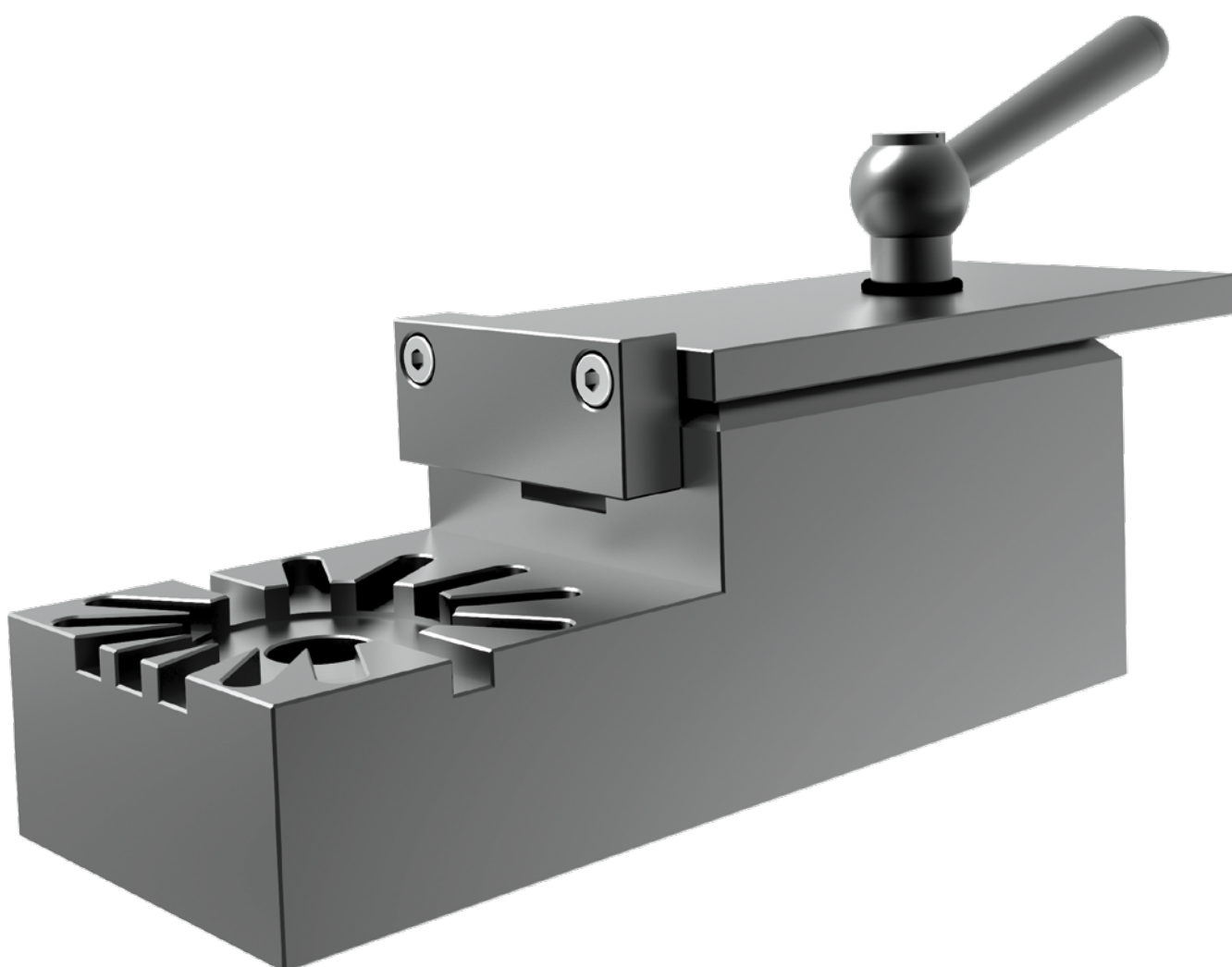
Spare parts:	Cross references:	see page
SPARE PARTS FOR ADAPTER RING WITH BRUSHES		
Spare brush for adapter ring - part-no. 1S1822 - pos. 4	PUNCH	
Set of shims (6xt = 0,5 mm) - part-no. 1S1823 - pos. 5	Punch size 0	6 - 13
	DIE	
	Die size 1	6 - 15
	ACCESSORIES	
	Spare parts	64

ADJUSTMENT UNIT FOR PUNCH

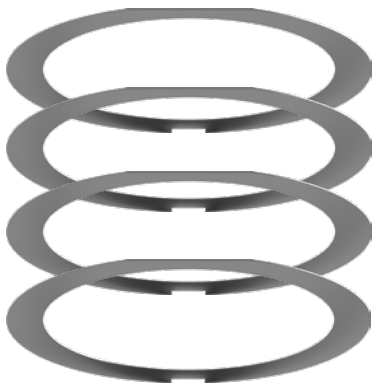
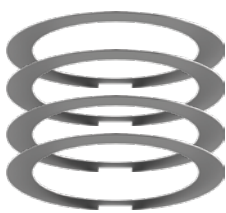
PART-NO.

POSSIBLE ANGLES: 0° - 22,5° - 30° - 45° - 60° - 67,5° - 90°

Z497673



SHIMS FOR DIES



SIZE	RANGE	PART-NO.
SET OF SHIMS FOR DIE SIZE 1		
1	4 x t = 0,1 mm	11AS01
1	4 x t = 0,3 mm	11AS03
1	4 x t = 0,5 mm	11AS05
1	2 x t = 0,1 / 1 x t = 0,3 / 1 x t = 0,5 mm	11AS0_
SET OF SHIMS FOR DIE SIZE 2		
2	4 x t = 0,1 mm	12AS01
2	4 x t = 0,3 mm	12AS03
2	4 x t = 0,5 mm	12AS05
2	2 x t = 0,1 / 1 x t = 0,3 / 1 x t = 0,5 mm	12AS0_

Details: see page

ACCESSORIES

Adapter rings for die	47
RTC cartridge and die carrier	52

SOFT PADS



SIZE	RANGE	POSITION	PART-NO.
SOFT PADS FOR STRIPPER			
2	Inside-Ø 16	1	PAD2A16
2	Inside-Ø 25	1	PAD2A25
2	Inside-Ø 50	1	PAD2A50
2	Inside-Ø 76	1	PAD2A76
SOFT PADS FOR DIE			
2	General	2	PAD2MAN
2	Square	3	PAD2MQN
2	Rectangle / oblong	4	PAD2MFN
SOFT PADS FOR ADAPTER RING			
2 to 1		5	PAD2ZAN

DESCRIPTION	MACHINE GROUP	PART-NO.
ps:®passfit ADJUSTING RING INCL. KEY FOR PUNCH SIZE 1		
Size 1	E-I	1181P1

ps:®passfit ADJUSTING RING INCL. KEY FOR PUNCH SIZE 2		
Size 2	E-I	1182P1

ps:®passfit ADJUSTING RING INCL. KEY FOR PUNCH REINFORCED VERSION		
Reinforced	E-I	118VP1

DESCRIPTION	LOCATION	PART-NO.
ps:®passfit FOR PUNCH SIZE 1		
First keyway	0°	__P1
Each additional keyway		

ps:®passfit FOR PUNCH SIZE 2 AND SIZE 3		
First alignment hole & pin	0 - 90°	__P2
Each additional alignment hole		

ps:®passfit PUNCH REINFORCED FORM		
First keyway	0°	__P1
Each additional keyway		



Details:

INFORMATION ABOUT ps:®passfit

- Form-fitting anti-rotation-lock
- High operational security of the machine
- Solid tool, as the approved standard punches serve as basic tool
- Profile debilitation develops at the tension shaft
- High precision mating with punch; does not add to tool length
- Keyway positions on customer request
- Also reasonable for special tools
- All PASS cluster tools are generally equipped with ps:®passfit

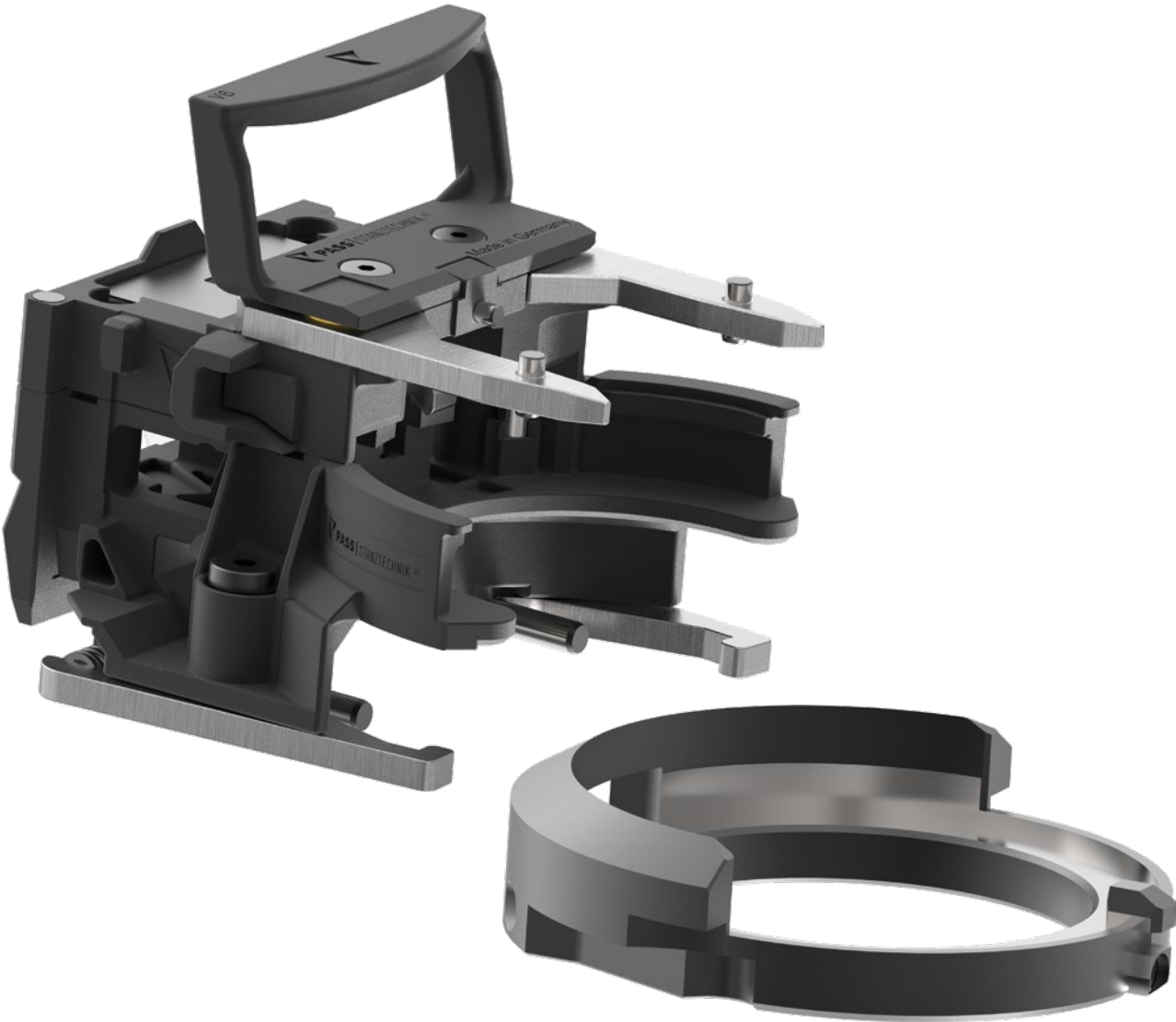
SPARE PARTS

- Adjusting key for ps:®passfit - adjusting ring size 1 and 2 - part-no. 118902
- Adjusting key for ps:®passfit - adjusting ring reinforced form - part-no. 118903

ps:®3D-RTC - CARTRIDGE PLASTIC SIZE 2

TOOLING CARTRIDGE FOR MACHINE TYPE TRUMPF

DESCRIPTION	POSITION	PART-NO.
ps:®3D-RTC CARTRIDGE PLASTIC SIZE 2		
Cartridge without die carrier		15201R1
Die carrier		960100020



ps:®3D-RTC - CARTRIDGE PLASTIC SIZE 5

TOOLING CARTRIDGE FOR MACHINE TYPE TRUMPF

DESCRIPTION

POSITION

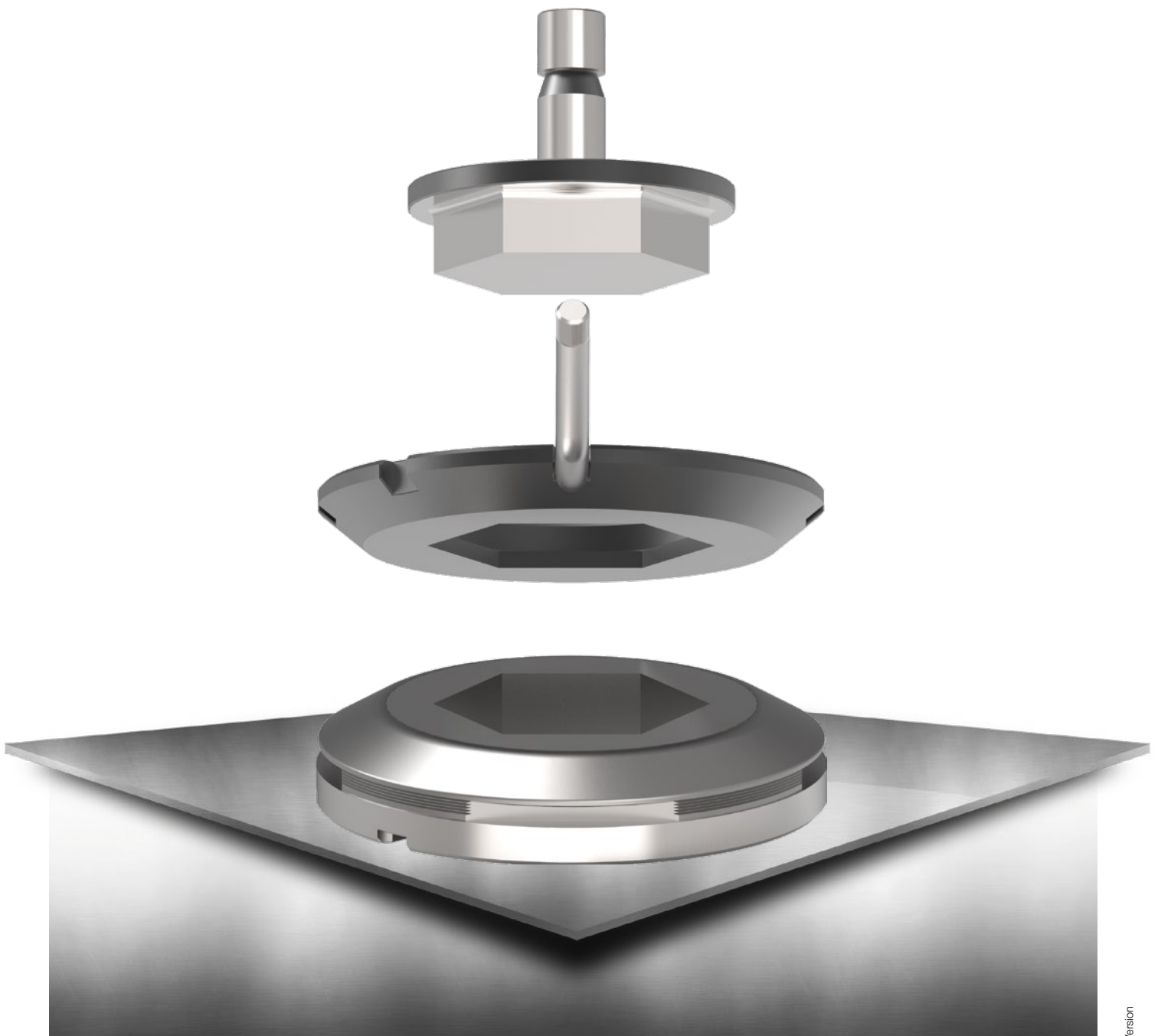
PART-NO.

ps:®3D-RTC CARTRIDGE PLASTIC SIZE 5

Cartridge

155R311





YOU NEED IT BIG SIZE?

PASS TOOLS SIZE 3 AND SPECIFIC TOOLING FOR BOSCHERT PUNCHING MACHINES

INDEX

Punching Tools (Standard) size 3	page 56
Punching Tools (Form) size 3	page 57
Adapter and Manual Adjusting Rings	page 58
Slitting Tool size 2	page 59
Slitting Tool size 3	page 60
PU stripper	page 61

PUNCHING TOOLS (STANDARD) SIZE 3



DESCRIPTION	DIM. D	PART-NO.
ROUND		
Punch (H-PM®)	76,21 - 105,00 mm	101311C
Die	77,01 - 107,00 mm	106311C
Manual stripper	78,01 - 107,00 mm	111311C
SQUARE		
Punch (H-PM®)	53,91 - 74,25 mm	101312C
Die	54,91 - 75,50 mm	106312C
Manual stripper	56,01 - 77,00 mm	111312C
RECTANGLE		
Punch (H-PM®)	76,21 - 105,00 mm	101313C
Die	77,01 - 107,00 mm	106313C
Manual stripper	78,01 - 107,00 mm	111313C
OBLONG		
Punch (H-PM®)	76,21 - 105,00 mm	101314C
Die	77,01 - 107,00 mm	106314C
Manual stripper	78,01 - 107,00 mm	111314C

PUNCH OPTIONS		Cross references:	see page
Punches with shear (WT / DOWT / etc.) -> see page 68		PUNCH	
Cutting part under 1,00 mm		ps:®passfit - explanation and additional costs	51
4 x corner radius		Additional costs for coating	66
X3-PM quality		Polished cutting part	67
		Adjusting rings	58
STRIPPER OPTIONS		STRIPPER	
Polished version for low-scratch material handling		Spare parts	64
		PU stripper	61
DIE OPTIONS		DIE	
Slug-stop version (negative cutting)		Slug-snap version (for slug problems) - price on request	69
Additional keyway		Adapter rings	58
Brush version for low-scratch material handling			
X8-PM quality			

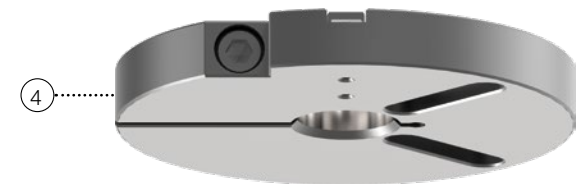
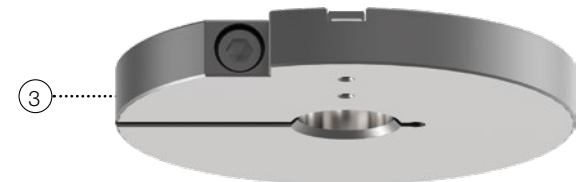
PUNCHING TOOLS (FORM) SIZE 3

DESCRIPTION	DIM. D	PART-NO.
SPECIAL SHAPE TOOLS GROUP 1 (SF01, SF02, SF04, SF05)		
Punch (H-PM®)	76,21 - 105,00 mm	12131_C1
Die	77,01 - 107,00 mm	12631_C1
Manual stripper	78,01 - 107,00 mm	1273D_C1
SPECIAL SHAPE TOOLS GROUP 2 (SF03, SF07, SF13, SF17)		
Punch (H-PM®)	76,21 - 105,00 mm	12131_C2
Die	77,01 - 107,00 mm	12631_C2
Manual stripper	78,01 - 107,00 mm	1273D_C2
SPECIAL SHAPE TOOLS GROUP 3 (SF06, SF08, SF14, SF16)		
Punch (H-PM®)	76,21 - 105,00 mm	12131_C3
Die	77,01 - 107,00 mm	12631_C3
Manual stripper	78,01 - 107,00 mm	1273D_C3
SPECIAL SHAPE TOOLS GROUP 4 (SF09, SF10, SF11, SF12, SF15)		
Punch (H-PM®)	76,21 - 105,00 mm	12131_C4
Die	77,01 - 107,00 mm	12631_C4
Manual stripper	78,01 - 107,00 mm	1273D_C4



PUNCH OPTIONS		Cross references:	see page
Punches with shear (WT / DOWT / etc.) -> see page 6866		PUNCH	
Cutting part under 1,00 mm		Types of special shapes	10 - 13
X3-PM quality		ps:®passfit - explanation and additional costs	51
		Additional costs for coating	66
		Polished cutting part	67
		Adjusting rings	46 + 58
STRIPPER OPTIONS		STRIPPER	
Polished version for low-scratch material handling		Spare parts	64
		PU stripper	61
DIE OPTIONS		DIE	
Slug-stop version (negative cutting)		Slug-snap version (for slug problems) - price on request	69
Additional keyway		Adapter rings	58
Brush version for low-scratch material handling			
X8-PM quality			

ADAPTER AND MANUAL ADJUSTING RINGS



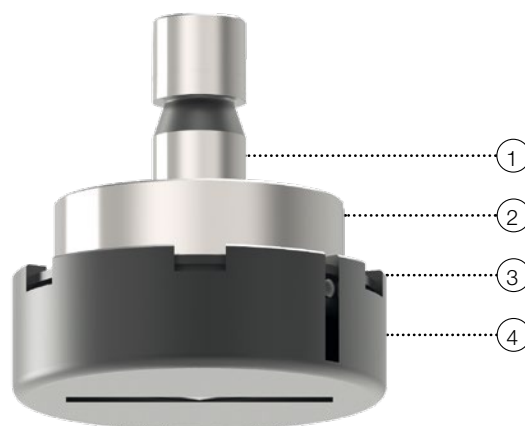
DESCRIPTION	MACHINE GROUP	POSITION	PART-NO.
ADAPTER RING FOR STRIPPER			
From 3 to 2	C - D	1	120326
ADAPTER RING FOR DIE			
From 3 to 1	C - D	2*	120310
From 3 to 2	C - D	2	120320
ADJUSTING RINGS (MANUAL)			
1	A - D	3*	118102
2	A - D	3*	118202
3 (outside Ø 95 mm)	A - D	3	118302
ps.®passfit ADJUSTING RINGS (MANUAL)			
1	A - D	4*	1181P2
2	A - D	4*	1182P2
3 (outside Ø 95 mm)	A - D	4	1183P2

* no picture

SLITTING TOOL SIZE 2

FOR BOSCHERT PUNCHING MACHINES

DESCRIPTION	POSITION	PART-NO.
SPRING LOADED SLITTING TOOL SIZE 2 - MEASURE 5 X 30 - 4 X R=0,5 ⁽¹⁾		
Upper part - complete	1 - 4	1S0330530
Spare slitting punch blade insert ⁽²⁾ (H-PM®)	2	1S0440
Spare stripper 6 x 57	4	1S0333
Die cl 0,1 - cl 0,3	5	106T530__
Die cl 0,4 - cl 1,0	5	109T530__
SPRING LOADED SLITTING TOOL SIZE 2 - MEASURE 5 X 40 - 4 X R=0,5 ⁽¹⁾		
Upper part - complete	1 - 4	1S0330540
Spare slitting punch blade insert ⁽²⁾ (H-PM®)	2	1S0441
Spare stripper 6 x 57	4	1S0333
Die cl 0,1 - cl 0,3	5	106T540__
Die cl 0,4 - cl 1,0	5	109T540__
SPRING LOADED SLITTING TOOL SIZE 2 - MEASURE 5 X 56 - 4 X R=0,5 ⁽¹⁾		
Upper part - complete	1 - 4	1S0330556
Spare slitting punch blade insert ⁽²⁾ (H-PM®)	2	1S0442
Spare stripper 6 x 57	4	1S0333
Die cl 0,1 - cl 0,3	5	106T556__
Die cl 0,4 - cl 1,0	5	109T556__
OTHER SPARE PARTS		
Spare springs		
Set of steel springs (2 x big / 2 x small)	3	1S0331



Details / options:

⁽¹⁾ For slitting: Aluminium up to s = 4,00 mm,
steel up to s = 4,00 mm, stainless steel up to s = 2,5 mm

⁽²⁾ Slitting punch blade insert general with PASS T-MAX coating

⁽²⁾ Additional costs for reduced dimensional deviation

SLITTING TOOL SIZE 3

FOR BOSCHERT PUNCHING MACHINES



DESCRIPTION	POSITION	PART-NO.
SPRING LOADED SLITTING TOOL SIZE 3 - MEASURE 8 X 30 - 4 X R = 1,00 ^(*)		
Upper part - complete	1 - 4	1S0350830
Spare slitting punch blade insert ^(*) (H-PM®)	2	1S0446
Spare stripper	4	1S0355830
Die cl 0,3 - cl 1,0	5	109T830__
Die cl 1,2 - cl 1,5	5	109T830__
SPRING LOADED SLITTING TOOL SIZE 3 - MEASURE 8 X 40 - 4 X R = 1,00 ^(*)		
Upper part - complete	1 - 4	1S0350840
Spare slitting punch blade insert ^(*) (H-PM®)	2	1S0447
Spare stripper	4	1S0355840
Die cl 0,3	5	106T840__
Die cl 0,4 - cl 1,2	5	109T840__
SPRING LOADED SLITTING TOOL SIZE 3 - MEASURE 8 X 56 - 4 X R = 1,00 ^(*)		
Upper part - complete	1 - 4	1S0350856
Spare slitting punch blade insert ^(*) (H-PM®)	2	1S0448
Spare stripper	4	1S0355856
Die cl 0,3	5	106T856__
Die cl 0,4 - cl 1,0	5	109T856__
OTHER SPARE PARTS		
Spare springs		
Set of steel springs (4 x big / 4 x small)	3	1S03558X1

Details / options:

^(*) For slitting: Aluminium up to s = 6,00 mm, steel up to s = 6,00 mm, stainless steel up to s = 3,00 mm

^(*) Slitting punch blade insert general with PASS T-MAX coating

^(*) Additional costs for reduced dimensional deviation

PU STRIPPER

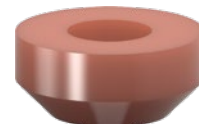
SPRING TYPE	PUNCH SHAPE ^(*)	RANGE	PART-NO.
WITHOUT SHAPE			
1	Flat size 1	- 12,00 mm	1S013810
1	Whisper size 1	- 12,00 mm	1S013820
2	Flat size 1	- 30,50 mm	1S013830
2	Whisper size 1	- 30,50 mm	1S013840
3	Flat size 2	- 48,00 mm	1S013850
3	Whisper size 2	- 48,00 mm	1S013860
	Flat / Whisper size 2	> 48,00 mm	on request

SPRING TYPE 1



FOR ROUND PUNCHES			
1	Flat size 1	- 12,00 mm	1S013811
1	Whisper size 1	- 12,00 mm	1S013821
2	Flat size 1	- 30,50 mm	1S013831
2	Whisper size 1	- 30,50 mm	1S013841
3	Flat size 2	- 48,00 mm	1S013851
3	Whisper size 2	- 48,00 mm	1S013861
	Flat / Whisper size 2	> 48,00 mm	on request

SPRING TYPE 2



FOR FORM PUNCHES			
1	Flat size 1	- 12,00 mm	1S013812
1	Whisper size 1	- 12,00 mm	1S013822
2	Flat size 1	- 30,50 mm	1S013832
2	Whisper size 1	- 30,50 mm	1S013842
3	Flat size 2	- 48,00 mm	1S013852
3	Whisper size 2	- 48,00 mm	1S013862
	Flat / Whisper size 2	> 48,00 mm	on request

SPRING TYPE 3

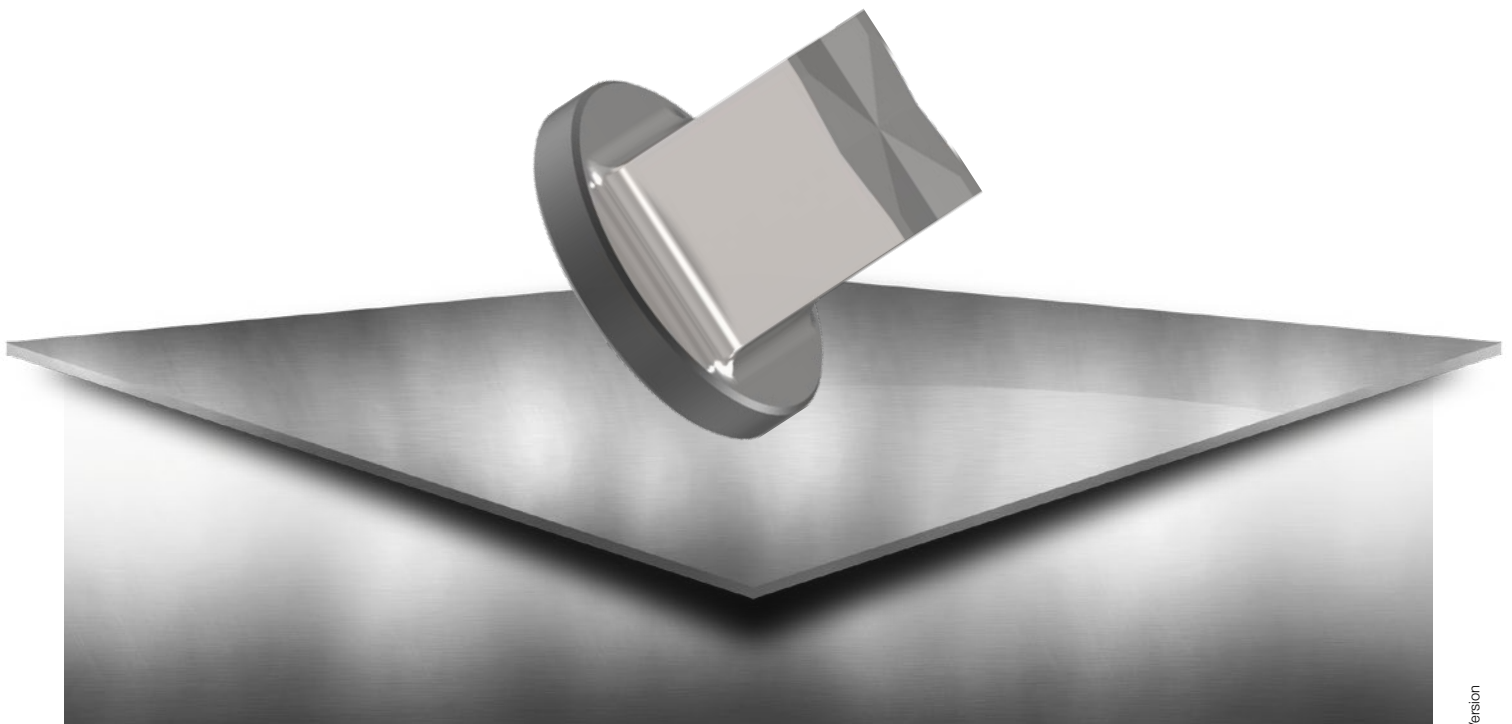


Details:

PUNCH SECTION

^(*) Flat = length 74,00 mm

^(*) Whisper = length 77,00 mm



WORKING EFFECTIVELY: EXTRA EQUIPMENT

PASS EXTRA EQUIPMENT FOR YOUR
TRUMPF SYSTEM

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slug-snap for dies	page 69

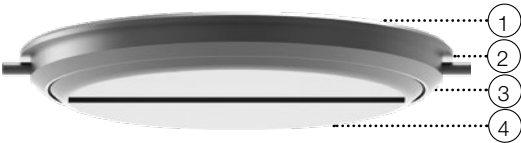
SPARE PARTS

DESCRIPTION	PART-NO.
SCREW	
M5 x 10 for punch chuck Ø 6,00 mm	905006
M6 x 6 for punch chuck Ø 10,50 mm	905019
M8 x 16 for adapter rings size 2/1	905009
M8 x 12 with pins for adapter rings size 3/1 - 3/2	905008
M14 x 1,5 x 12 for punch chuck	119991
PINS	
Ø 8 x 16 for adapter ring size 2/1	1-901013
Ø 8 x 16 for adapter ring size 3/1 - 3/2	2-901013
Ø 3 x 12 for stripper 5-station Multitool	115A30-2
Ø 3 x 12 for stripper 10-station Multitool	115A40-2
ps:®passfit	
Pin Ø 3 x 10 for adjusting ring size 1	901003
Adjusting key for punch size 2 + 3	118900006
SLITTING PUNCH BLADE INSERT AND DIE PLATE	
Pin Ø 6 x 16 for slitting punch blade holder	901012
Set of spare screws for die plate holder M4 x 12 - 6 pieces	1-907005
Set of spare screws for die plate holder M4 x 12 - 4 pieces	2-907005
MISCELLANEOUS	
Die clip for die	106991
Screw M6 x 25 for adjusting ring size 1 + 2	907013
Screw M3 x 8 for adjusting key	907062
Handle for stripper adapter ring „manual“ size 3/2	120326-2

PUSH-OUT STRIPPER

FOR MACHINE GROUPS H / I

DESCRIPTION	POSITION	PART-NO.
PUSH-OUT STRIPPER		
Round	1 - 4	1S21201
Square	1 - 4	1S21202
Rectangle	1 - 4	1S21203
Oblong	1 - 4	1S21204
Special shape	1 - 4	1S21200
SPARE PARTS		
Spare screws (4 per set)	2	1S21291
Spare springs (4 per set)	3	1S21292

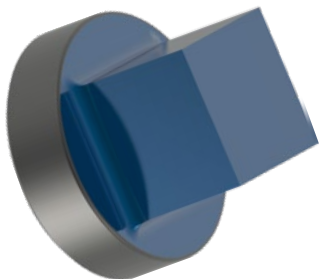


Cross references:		see page
STRIPPER OPTIONS		
Polished version for low-scratch material handling	Standard tools	6 - 13
	Sitting tools	30 - 32
	Spare parts	64

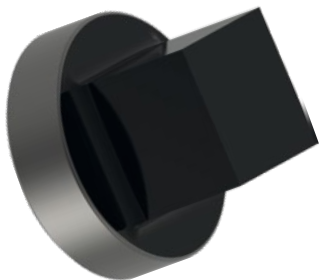
PUNCH COATINGS

ADVANTAGE ADVANTAGE: INCREASES TOOL LIFETIME, REDUCES MATERIAL BUILD UP

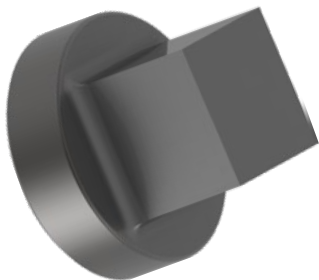
TICN



T-MAX



A-MAX



SIZE	RANGE
TICN COATING (WORKING WITH STAINLESS STEEL) ^(*)	
0	- 10,50 mm
1	- 30,50 mm
2	- 76,20 mm
3	- 105,00 mm
Multitool	- 16,00 mm
Slitting punch blade insert	- 60,00 mm
Slitting punch blade insert	- 80,00 mm
T-MAX COATING (WORKING WITH GALVANISED SHEET / ZINCOR) ^(*)	
0	- 10,50 mm
1	- 30,50 mm
2	- 76,20 mm
3	- 105,00 mm
Multitool	- 16,00 mm
Slitting punch blade insert	- 60,00 mm
Slitting punch blade insert	- 80,00 mm
A-MAX COATING (WORKING WITH ALUMINUM) ^(*)	
0	- 10,50 mm
1	- 30,50 mm
2	- 76,20 mm
3	- 105,00 mm
Multitool	- 16,00 mm
Slitting punch blade insert	- 60,00 mm
Slitting punch blade insert	- 80,00 mm

Details:

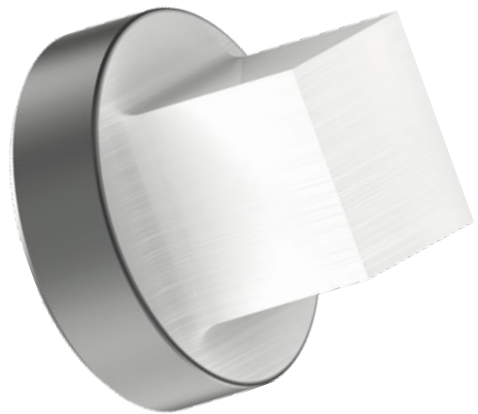
^(*) Suitable for cutting part sizes from Ø 4,00 mm or wide bases of 2,50 mm

DRAW-POLISHING

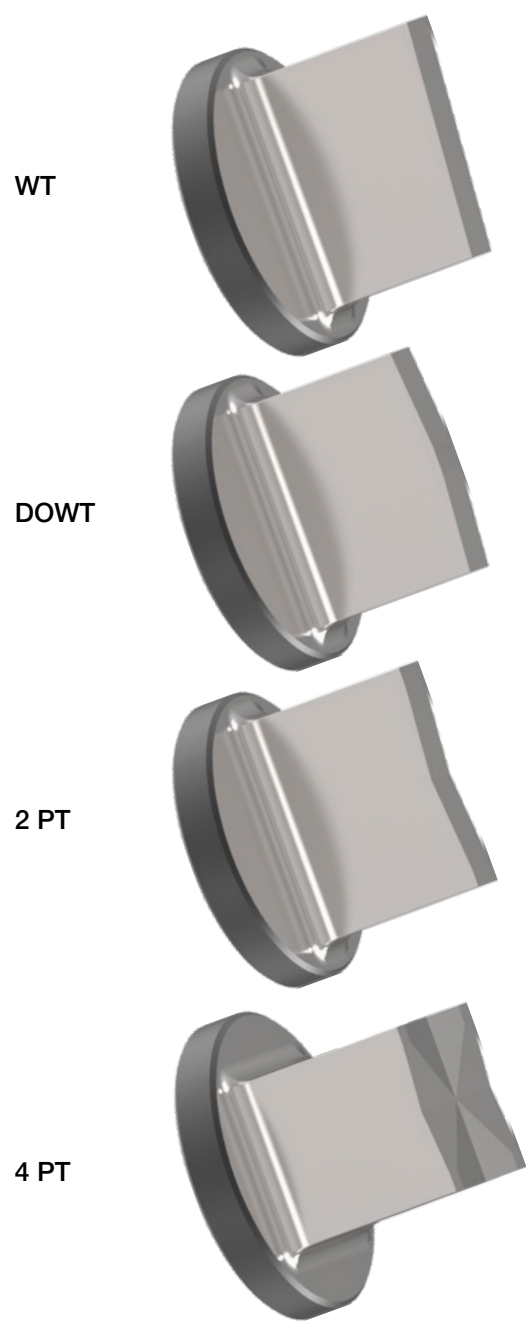
PUNCH EDGES

INCREASES TOOL LIFETIME, REDUCES MATERIAL BUILD UP

SIZE	RANGE
ROUND	
0	- 10,50 mm
1	- 30,50 mm
2	- 76,20 mm
3	- 105,00 mm
Multitool	- 16,00 mm
SQUARE / RECTANGLE / OBLONG	
0	- 10,50 mm
1	- 30,50 mm
2	- 76,20 mm
3	- 105,00 mm
Multitool	- 16,00 mm
O.D. GROUND SPECIAL SHAPES (SPECIAL SHAPE GROUP 1 & 2)	
0	- 10,50 mm
1	- 30,50 mm
2	- 76,20 mm
3	- 105,00 mm
Multitool	- 16,00 mm
EDM REQUIRED SPECIAL SHAPES (SPECIAL SHAPE GROUP 3 & 4)	
0	- 10,50 mm
1	- 30,50 mm
2	- 76,20 mm
3	- 105,00 mm
Multitool	- 16,00 mm



PUNCHES WITH DIFFERENT SHEAR TYPES



DESCRIPTION

SHEAR TYPES	
WT-shear (whisper shear)	
DOWT-shear (rooftop shear)	
2 PT-shear (inverted rooftop shear)	
4 PT-shear (inverted cross shear)	

SLUG-SNAP FOR DIES

SIZE	RANGE
FOR DIES ROUND	
1	- 32,00 mm
2	- 77,00 mm
1 reinforced form	- 32,00 mm
2 reinforced form	- 62,00 mm
Multitool	- 16,00 mm
FOR DIE FORM	
1	- 32,00 mm
2	- 77,00 mm
1 reinforced form	- 32,00 mm
2 reinforced form	- 62,00 mm
Multitool	- 16,00 mm



SLUG-SNAP

Details:

slug-snap

Special holding bolts are included in the die, clamping the slug positively (better than the slug-stop version, negative cutting part)

NOTES

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

