

**Series SC90i**  
**Window and door construction**  
**made of thermally insulated profiles**

<b>Information on the Series*</b>	<b>Design features</b>	<ul style="list-style-type: none"> <li>• Various design possibilities for sliding windows or doors</li> <li>• Sash arrangement: two- to six-sash units, one to six slidable sashes, two and three roller rails</li> <li>• Max. sash weight 120 kg</li> <li>• Max. sash height 3000 mm with a max. sash width of 1200 mm, max. sash width 1900 mm with a max. sash height of 1900 mm, only with interlocking profile B 589 004</li> <li>• Fixed frame: three-chamber profiles, factory-mounted insulating composite</li> <li>• Reinforced interlocking profiles</li> <li>• Can be coated at a later time</li> <li>• Numerous easy to mount wall connecting variants</li> </ul>
	<b>Modular system</b>	<ul style="list-style-type: none"> <li>• Series 2.1 system components suitable: fittings, accessories, supplementary profiles, auxiliary accessories, tools</li> </ul>
	<b>Surfaces</b>	<ul style="list-style-type: none"> <li>• Anodisation in accordance with DIN 17611</li> <li>• Plastic coating (wet paint, powder coating lacquer) in accordance with DIN 50939</li> </ul>
	<b>Connecting technology</b>	<ul style="list-style-type: none"> <li>• Profile connection fixed with screws</li> <li>• Partially, frame profiles can be crimped with corner connection or nailed</li> </ul>
	<b>Elevation width</b>	<ul style="list-style-type: none"> <li>• Fixed frame: lateral 20 mm, top 35 mm, bottom 40 mm</li> <li>• Sash: lateral 74 mm, bottom/top 82 mm</li> <li>• Interlocking area: 50 mm</li> <li>• Sash joint scheme F, L: 150 mm</li> </ul>
	<b>Profile depth</b>	<ul style="list-style-type: none"> <li>• Fixed frame: 65 mm, 95 mm, 112,5 mm</li> <li>• Sash horizontal: 35 mm, sash vertical: 38 mm</li> </ul>
	<b>Insulating zone</b>	<ul style="list-style-type: none"> <li>• Factory-mounted, glass fibre-reinforced polyamide strips in fixed frame, partly with PU foam</li> </ul>
	<b>Glazing</b>	<ul style="list-style-type: none"> <li>• Glass thickness between 14 mm and 24 mm</li> </ul>
	<b>Gaskets</b>	<ul style="list-style-type: none"> <li>• Woven pile weather strip with poly-brush and poly-base with middle bridge in the interlocking area</li> <li>• Glazing gasket: EPDM gaskets, drawn in continuously, or U-shaped sealing profiles</li> </ul>
	<b>Rollers</b>	<ul style="list-style-type: none"> <li>• Adjustable in height and not adjustable in height</li> <li>• Single rollers for 80 kg and tandem rollers for 120 kg sash weight</li> </ul>

<b>Building physics*</b>	<b>Thermal insulation</b>	DINV 4108-4 EN ISO 10077-2	<b>U<sub>f,BW</sub> from 2.4 W/m<sup>2</sup>K to 7.0 W/m<sup>2</sup>K</b> <b>U<sub>f</sub> see Register SCT</b>
	<b>Water tightness</b>	NF P 20.501	<b>Class E3</b>
	<b>Air permeability</b>	NF P 20.501	<b>Class A3</b>

\* All standards referred to herein, were valid at time of printing.



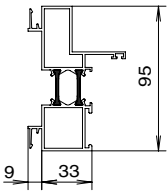
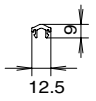
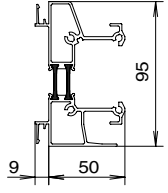
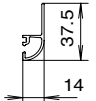
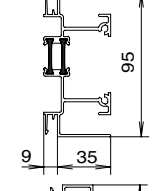
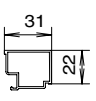
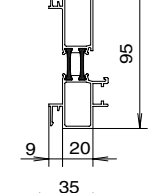
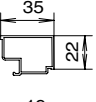
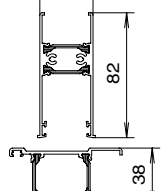
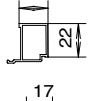
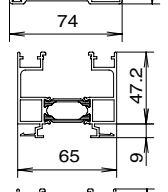
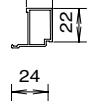
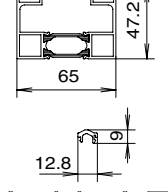
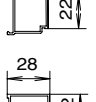
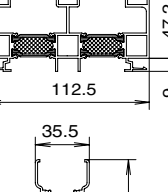
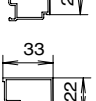

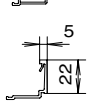

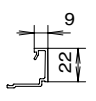
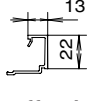
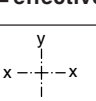

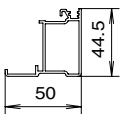
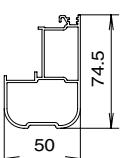
Valid test reports as well as technical information can be found in the download area of the site [www.hueck-hartmann.com](http://www.hueck-hartmann.com)

## ***Contents Series SC 90i***

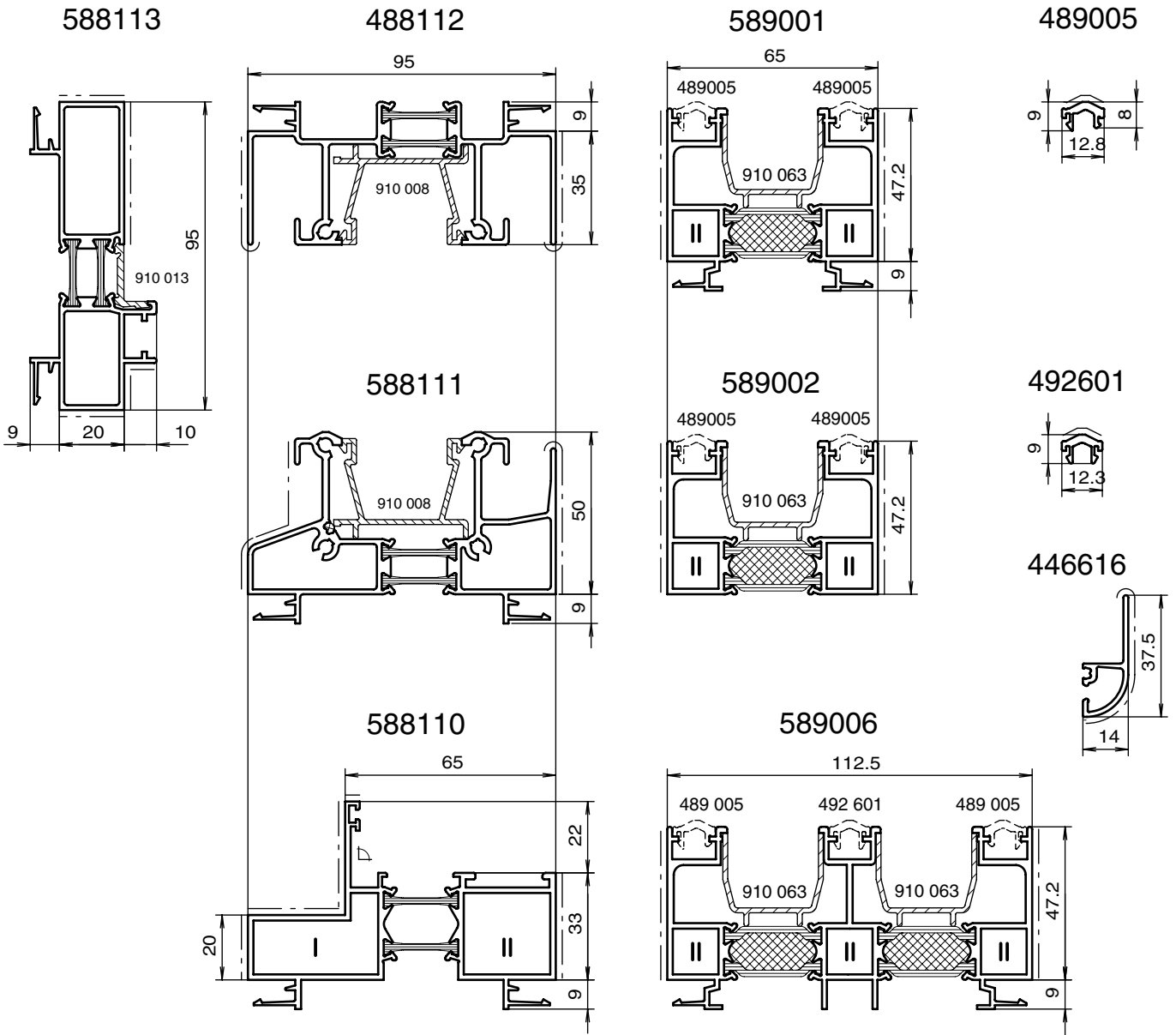
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## Profile overview and static profile values for series SC 90i

	Profile number	$I_{xid}$ [cm <sup>4</sup> ]				External perimeter excluding insulating zone	Page SC 90i		Profile number	$I_{xid}$ [cm <sup>4</sup> ]				External perimeter excluding insulating zone	Page SC 90i		
		L [cm]	Distance between supports L [cm] in accordance with guideline issued by the Institute for Building Technology							L [cm]	Distance between supports L [cm] in accordance with guideline issued by the Institute for Building Technology						
			<200	From 200	From 250						From 300	From 400	<200			From 200	From 250
	588110	42	46	49	520	-	456	5/23		492601	-	-	-	-	-	56	5/17
	588111	47	53	56	58	-	553	5/13		446616	-	-	-	-	-	137	5/17
	488112	43	47	50	51	-	655	5/15		594053	-	-	-	-	-	137	7
	588113	35	38	40	41	-	378	5/14		594055	-	-	-	-	-	137	7
	588210	-	-	-	-	-	372	6/13		594057	-	-	-	-	-	137	7
	588211	-	-	-	-	-	320	6/22		594058	-	-	-	-	-	137	7
	589001	21	25	27	28	-	492	5/20		594059	-	-	-	-	-	137	7
	589002	20	23	25	26	-	392	5/22		594064	-	-	-	-	-	137	7
	489005	-	-	-	-	-	53	5/17		594065	-	-	-	-	-	137	7
	589006	-	-	-	-	-	734	5/17		494071	-	-	-	-	-	137	7
	449264	-	-	-	-	-	280	6/15		494072	-	-	-	-	-	137	7
										494073	-	-	-	-	-	137	7
$I_{xid}$ = effective moment of inertia																	
	Profile number	Horizontal axis		Vertical axis		Total Perimeter mm	Page SC 90i										
		$J_x$ [cm <sup>4</sup> ]	$W_x$ [cm <sup>3</sup> ]	$J_y$ [cm <sup>4</sup> ]	$W_y$ [cm <sup>3</sup> ]												
	589003	6.3	2.5	4.9	1.5	237	6/16										
	589004	23.6	5.7	12.3	4.11	286	6/16										

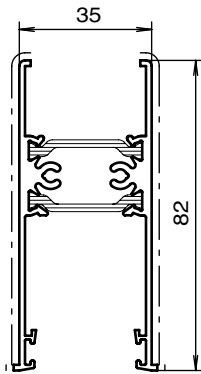
$I_{xid}$  = effective moment of inertia



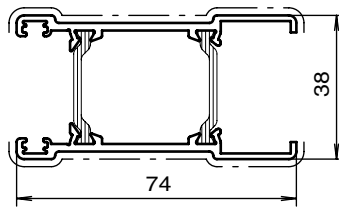
	I				II				
<b>588 110</b>	907 315	911 511	2 x 900 023	911 510	-	911 027	2 x 900 023	911 030	911 499
<b>589 001</b>	-	-	-	-	-	909 503 x	2 x 900 023	909 515	909 522
<b>589 002</b>	-	-	-	-	-	909 503 x	2 x 900 023	909 515	909 522
<b>589 006</b>	-	-	-	-	-	909 503 x	2 x 900 023	909 515	909 522



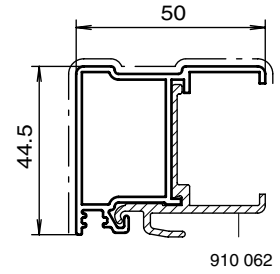
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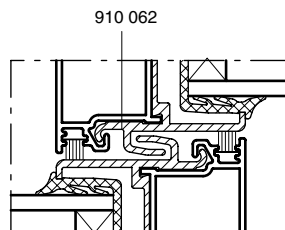
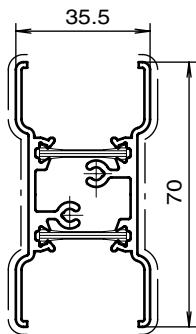
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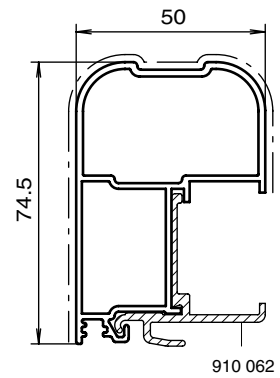
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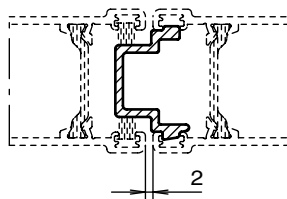
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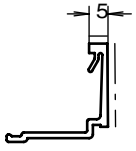


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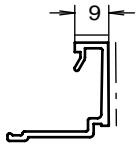


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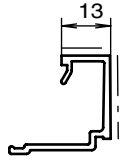




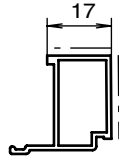
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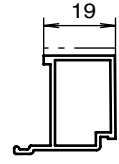
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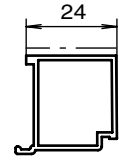
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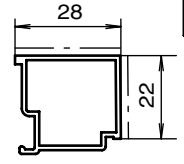
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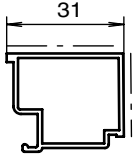
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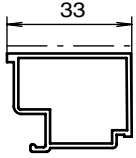
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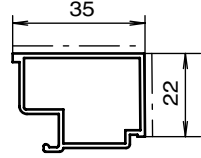
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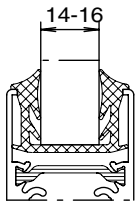
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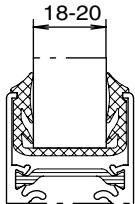
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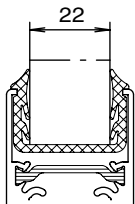
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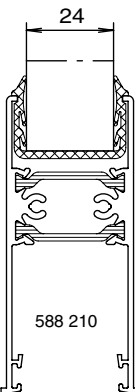
904 470



904 471



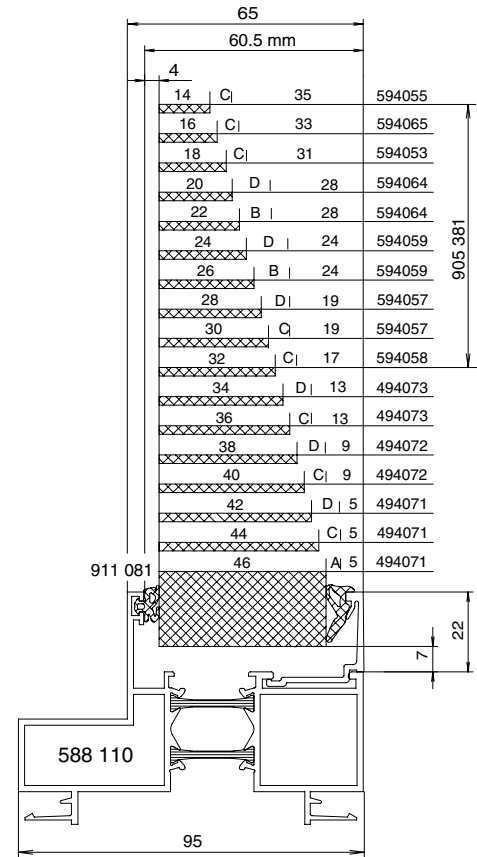
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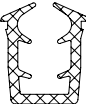
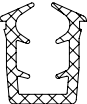
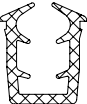
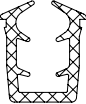
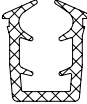





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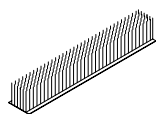
	911 081
	4.5 - 7.0 mm 911 079 (A)
	5.5 - 8.0 mm 911 108 (B)
	6.5 - 9.0 mm 911 078 (C)
	7.5 - 10.5 mm 911 080 (D)



## Glazing gaskets

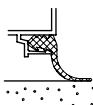
 <p><b>904469</b> EPDM glazing gasket, black, suitable for profiles 588 210/211, 449 264 and 589 003/004, for a glass thickness between 6 and 8 mm</p>	 <p><b>904470</b> Glazing gasket, as 904 469 but for a glass thickness between 14 and 16 mm</p>	 <p><b>904471</b> Glazing gasket, as 904 469 but for a glass thickness between 18 and 20 mm</p>
 <p><b>904836</b> Glazing gasket, as 904 469 but for a glass thickness of 22 mm</p>	 <p><b>911698</b> Glazing gasket, as 904 469 but for a glass thickness of 24 mm</p>	
 <p><b>911081</b> External glazing gasket, made of EPDM, black, 4 mm spacer, suitable for profile 588 110</p>		
 <p><b>911079</b> EPDM roll-in profile, black, applicable in accordance with glazing bead table, suitable for external glazing gasket, to be used for gap dimensions from 4.5 to 7 mm</p>	 <p><b>911108</b> EPDM roll-in profile, black, as 911 079 but to be used for gap dimensions from 5.5 to 8 mm</p>	 <p><b>911078</b> EPDM roll-in profile, black, as 911 079 but to be used for gap dimensions from 6.5 to 9 mm</p>
 <p><b>911080</b> EPDM roll-in profile, black, as 911 079 but to be used for gap dimensions from 7.5 to 10.5 mm</p>		

## Woven pile weather strip for sliding elements



**901590**  
Woven pile weather strip with poly-brush and poly-base with middle bridge, suitable for all sash profiles

## Connecting gaskets



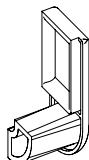
**904088**  
Wall-joining gasket (plaster joint), made of EPDM, black, 35 mm wide with notch for tearing off, suitable for frame profiles with pick-up for snap-on profile



**902161**  
Sealing cord for sealing external snap-on profiles 488 112, 588 110/111/113 and 589 001/002/006

**904303**  
Wall-joining gasket, as 904 088 but 45 mm wide, without notch for tearing off

## Filling pieces / shaped gasket pieces



**909607**  
Filling piece made of ABS, black (can be painted), for lateral sealing, suitable for profile 446 616

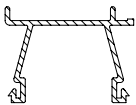
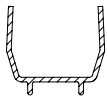
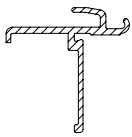

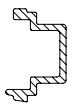

Accessory sets in accordance with sash arrangement diagram, also see pages 11 and 12  
Accessory sets – 2 roller rails -

<p><b>993517</b> Accessory set for sash profiles 588 210/211 and 589 003/004 Scheme A + D</p>	<p><b>993518</b> Accessory set for sash profiles 588 210/211 and 589 003/004 Scheme C + F</p>	<p><b>993533</b> Accessory set for fixed frames 588 111 and 488 112 Scheme A + D</p>
<p><b>993534</b> Accessory set for fixed frames 588 111 and 488 112 Scheme C + F</p>	<p><b>993535</b> Accessory set for fixed frames 589 001/002 Scheme A + D</p>	<p><b>993536</b> Accessory set for fixed frames 589 001/002 Scheme C + F</p>



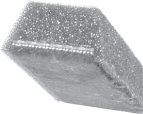





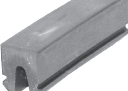

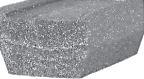
Accessory sets – 3 roller rails -

<p><b>993598</b> Accessory set for sash profiles 588 210/211 and 589 003/004 Scheme K</p>	<p><b>993599</b> Accessory set for sash profiles 588 210/211 and 589 003/004 Scheme L</p>	
<p><b>993600</b> Accessory set for fixed frame 589 006 Scheme K</p>	<p><b>993601</b> Accessory set for fixed frame 589 006 Scheme L</p>	

Plastic supplementary profiles

 <p><b>910008</b> Insert profile (black plastic) for upper and lower fixed frame 488 112 and 588 111, 6.5 m long</p>	 <p><b>910063</b> Insert profile (black plastic) for profiles 589 001/002/006, 6.5 m long</p>	 <p><b>910062</b> Interlocking profile (black plastic) for interlocking area in combination with profiles 589 003/004</p>
 <p><b>910013</b> Cover profile (black plastic) for vertical fixed frame 588 113, 6.5 m long</p>	 <p><b>910012</b> Cover profile (black plastic) for sash joint on one level, for units with four and six sashes, 6.5 m long</p>	 <p><b>902161</b> Sealing cord for 588 111 with plastic profile 910 008</p>

## Accessories for sliding elements in accessory sets 993 517 – 993 518, 993 533 – 993 536 and 993 558 – 993 601

<p><b>909499</b> Cover piece, suitable for interlocking area</p>	<p><b>909475</b> Shaped piece, suitable for sash profile 588 210</p>	 <p><b>901589</b> Stop buffer, suitable for profile 588 211 with shaped piece 909 499</p>
<p><b>909601</b> Shaped gasket piece, suitable for lower interlocking area, required for sash profiles 589 003/004</p>	<p><b>909500</b> Shaped gasket piece, suitable for upper interlocking area, required for sash profiles 589 003/004</p>	<p><b>909495</b> Woven pile weather strip for 909 475, 44 mm long</p>
 <p><b>905303</b> Lower centre seal gasket, self-adhesive, suitable for profile 588 111 with plastic profile 910 008</p>	 <p><b>905302</b> Upper centre seal gasket, self-adhesive, suitable for profile 488 112 with plastic profile 910 088, suitable for profiles 589 001/002/006 with plastic profile 910 063</p>	 <p><b>905304</b> Shaped gasket piece, for sealing the vertical fixed frame 588 113 (small profile chamber)</p>
 <p><b>905305</b> Shaped gasket piece, for sealing the vertical fixed frame 588 113 (large profile chamber)</p>	 <p><b>905306</b> Shaped gasket piece, for sealing the lower horizontal fixed frame 588 113 (outer profile chamber)</p>	 <p><b>909605</b> black <b>909606</b> white Drain cap with flap, to be used for lower fixed frame drainage</p>
 <p><b>909569</b> Shaped gasket piece, to be used for sealing the lower fixed frame 589 001/002</p>	<p><b>905309</b> Filling piece for sash profiles, required for scheme C + F</p>	
 <p><b>909481</b> Stop buffer, suitable for profiles 588 113, 589 001/002/006</p>		 <p><b>905307</b> Filling piece, for sealing the lower horizontal fixed frame 588 111 with plastic profile 910 008</p>
 <p><b>909510</b> Lower centre seal gasket, self-adhesive, suitable for profiles 589 001/002/006 with plastic profile 910 063</p>		
<p><b>905079</b> Screw ST 3.9 x 25 mm</p>	<p><b>909492</b> Screw ST 3.9 x 60 mm, for sash fixing</p>	<p><b>901164</b> Screw ST 4.8 x 25 mm, for fixing the fixed frame</p>
		<p><b>909498</b> Screw ST 3.9 x 35 mm</p>

Please place your order for accessory sets for series SC 90i in accordance with the list of components shown below  
List of components for accessory sets 993 517/518. See page 9 for individual parts.

Article number	Designation <b>Sash</b>	Scheme A + D 993 517	Scheme C + F 993 518
909 499	Cover and guide piece for profiles 589 003/004	4	8
909 475	Shaped piece	4	8
901 589	Stop buffer	4	8
909 500	Interlocking gasket, top, for profiles 589 003/004	2	4
909 601	Interlocking gasket, bottom, for profiles 589 003/004	2	4
909 492	Screw ST 3.9 x 60 mm, DIN 7981	8	16
905 309	Shaped gasket piece for sashes	–	2
905 079	Screw ST 3.9 x 25 mm, DIN 7982	4	8
909 498	Screw ST 3.9 x 35 mm, DIN 7981	8	16
909 495	Woven pile weather strip, 44 mm long, for 909 475	8	16

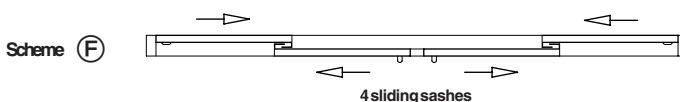
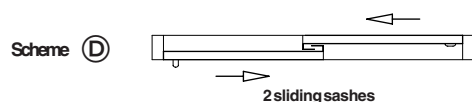
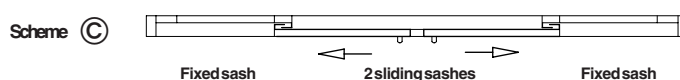
### List of components for accessory sets 993 533/534

Article number	Designation <b>Fixed frame for profiles 588 111/488 112</b>	Scheme A + D 993 533	Scheme C + F 993 534
909 605	Drain cap	2	2
905 302	Upper centre seal gasket	1	2
905 303	Lower centre seal gasket	1	2
905 304	Shaped gasket piece, inside, for 588 113	2	2
905 305	Shaped gasket piece, outside, for 588 113	2	2
905 306	Shaped gasket piece for 588 111	2	2
905 307	Shaped gasket piece for base profile	2	2
901 164	Screw ST 4.8 x 25 mm for fixing the fixed frame	12	12
909 481	Stop buffer	4	4

### List of components for accessory sets 993 535/536

Article number	Designation <b>Fixed frame for profiles 589 001/002</b>	Scheme A + D 993 535	Scheme C + F 993 536
909 605	<b>Drain cap</b>	2	2
905 302	Upper centre seal gasket	1	2
909 510	Lower centre seal gasket	1	2
909 481	Stop buffer	4	4
909 569	Shaped gasket piece for sealing 910 093	2	2

### Sash arrangement for SC 90 i – 2 roller rails –



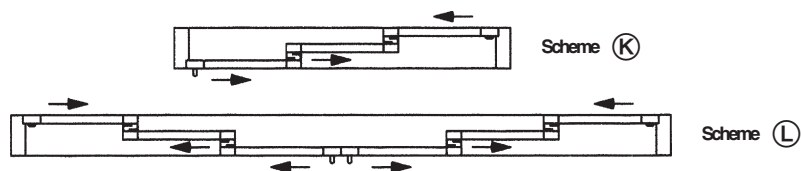
Please place your order for accessory sets for series SC 90i in accordance with the list of components shown below  
List of components for accessory sets 993 598/599.

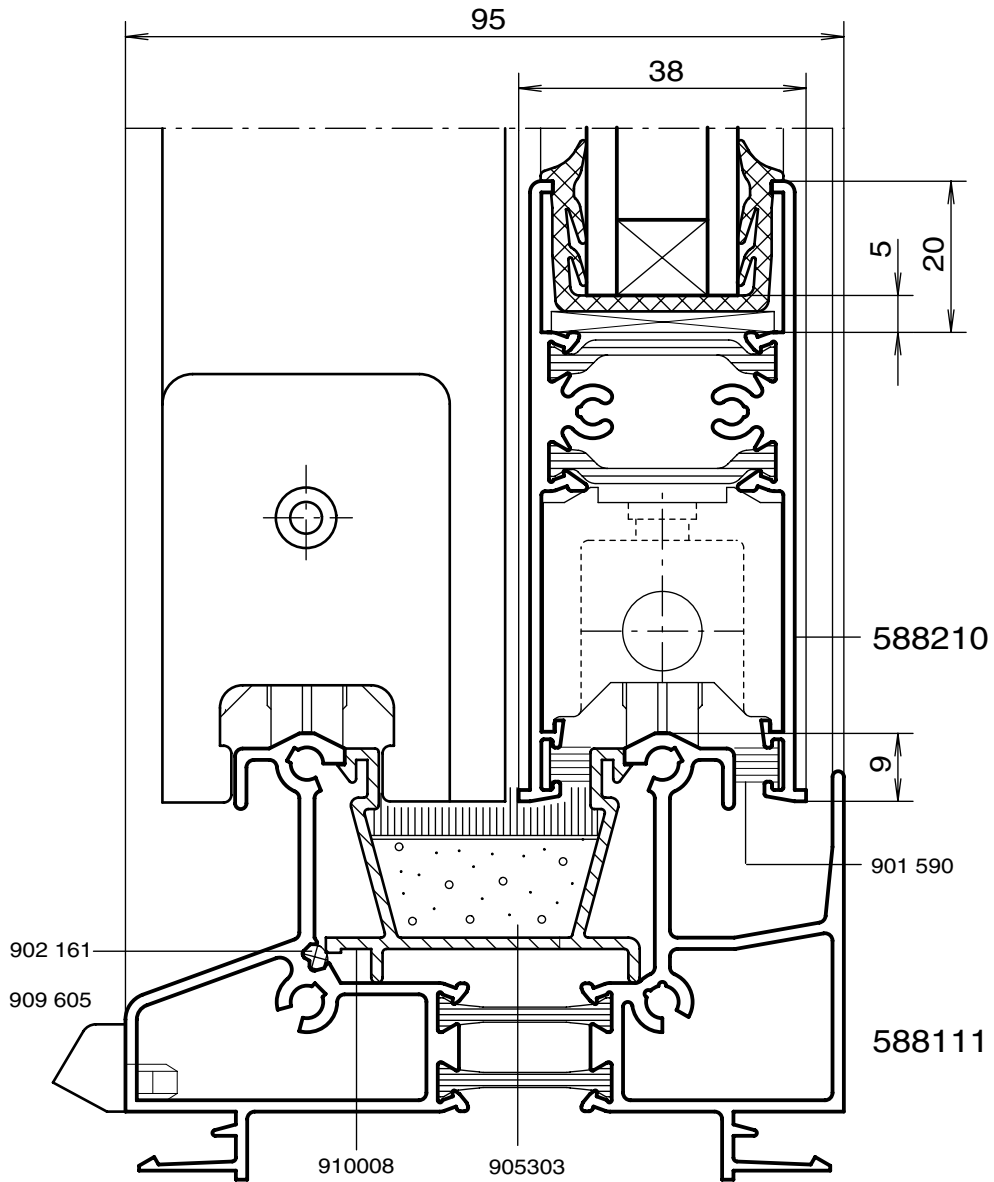
Article number	Designation	Scheme K 993 598	Scheme L 993 599
909 499	Cover and guide piece for interlocking area	8	16
909 475	Shaped piece	4	8
901 589	Stop buffer	8	16
909 500	Interlocking gasket, top, for profiles	4	8
909 601	Interlocking gasket, bottom, for profiles	4	8
909 492	Screw ST 3.9 x 60 mm, DIN 7981	8	16
905 309	Shaped gasket piece for sashes	–	2
905 079	Screw ST 3.9 x 25 mm, DIN 7982	8	16
909 498	Screw ST 3.9 x 35 mm, DIN 7981	16	32
909 495	Woven pile weather strip, 44 mm long, for 909 475	8	16

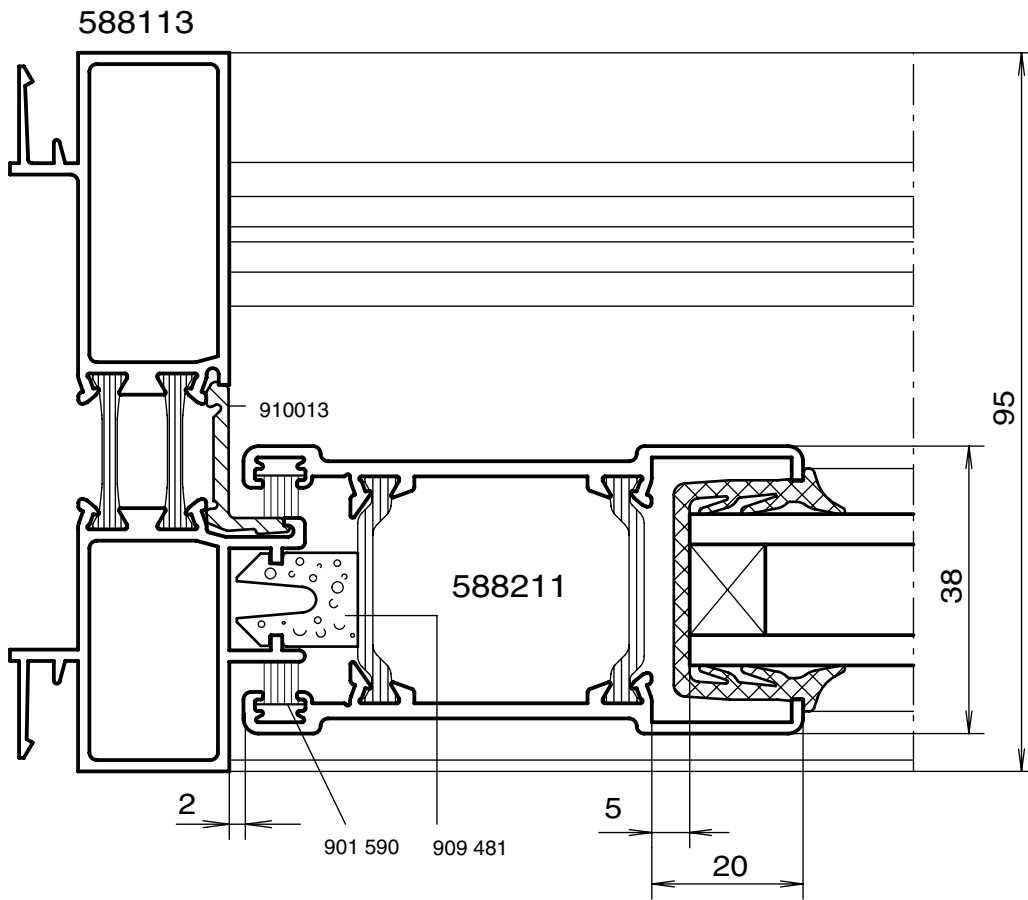
Please place your order for accessory sets for series SC 90i in accordance with the list of components shown below  
List of components for accessory sets 993 600/601

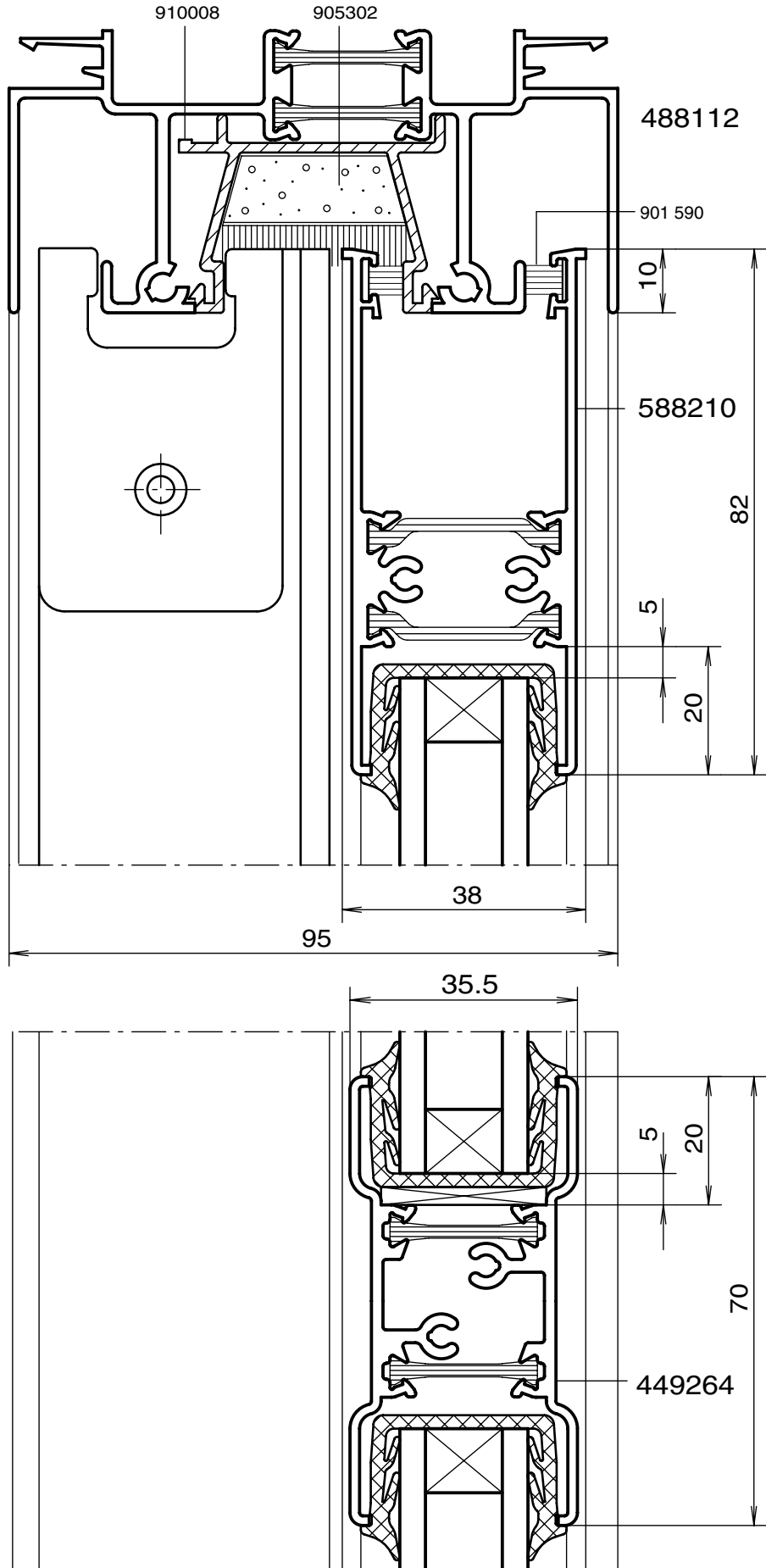
Article number	Designation	Scheme K 993 600	Scheme L 993 601
909 605	Drain cap	2	2
905 302	Upper centre seal gasket	2	4
909 510	Lower centre seal gasket	2	4
909 481	Stop buffer	4	4
909 569	Shaped gasket piece for sealing 910 063 910 063	6	6

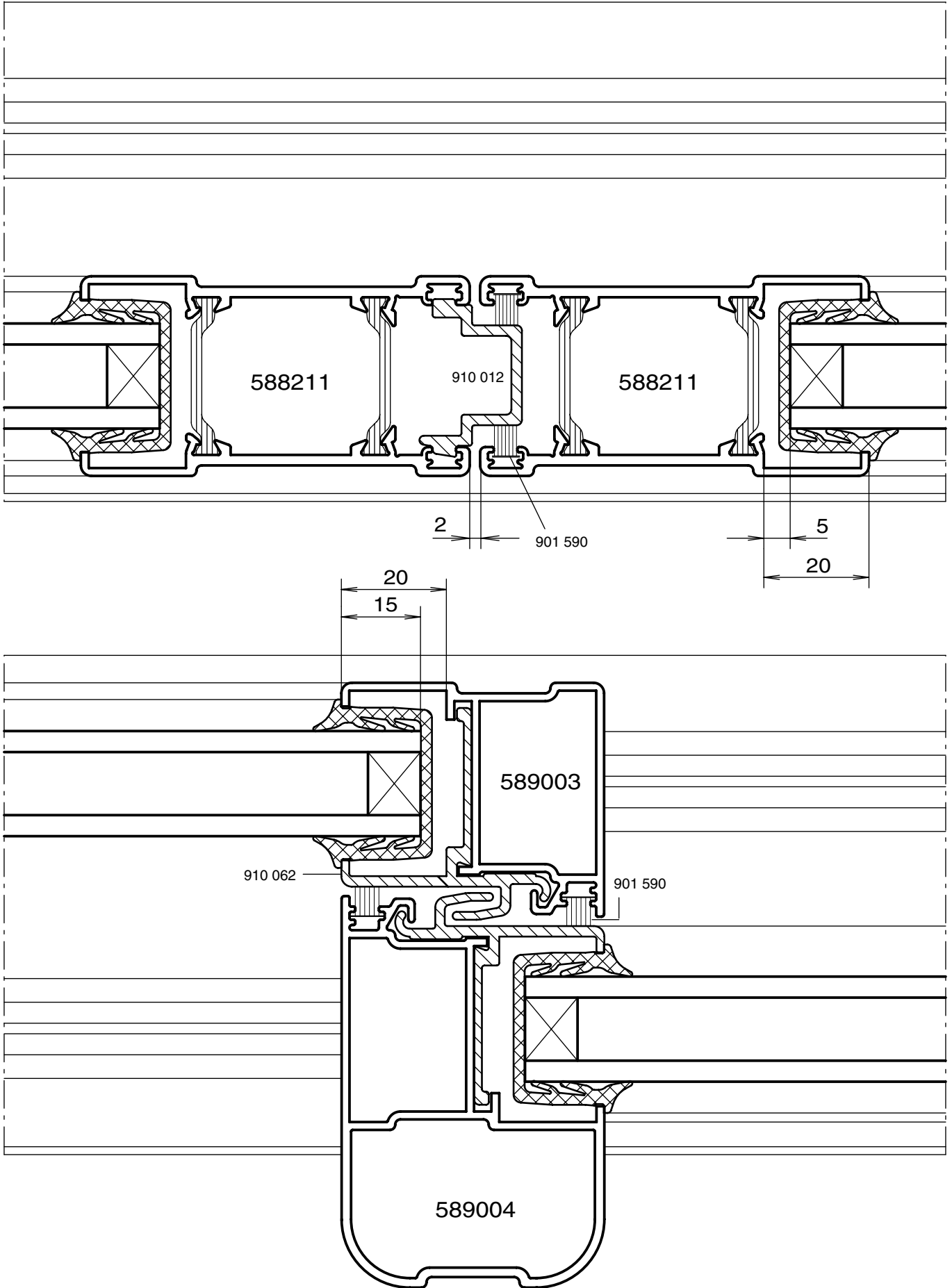
Sash arrangement for SC 90 i – 3 roller rails –

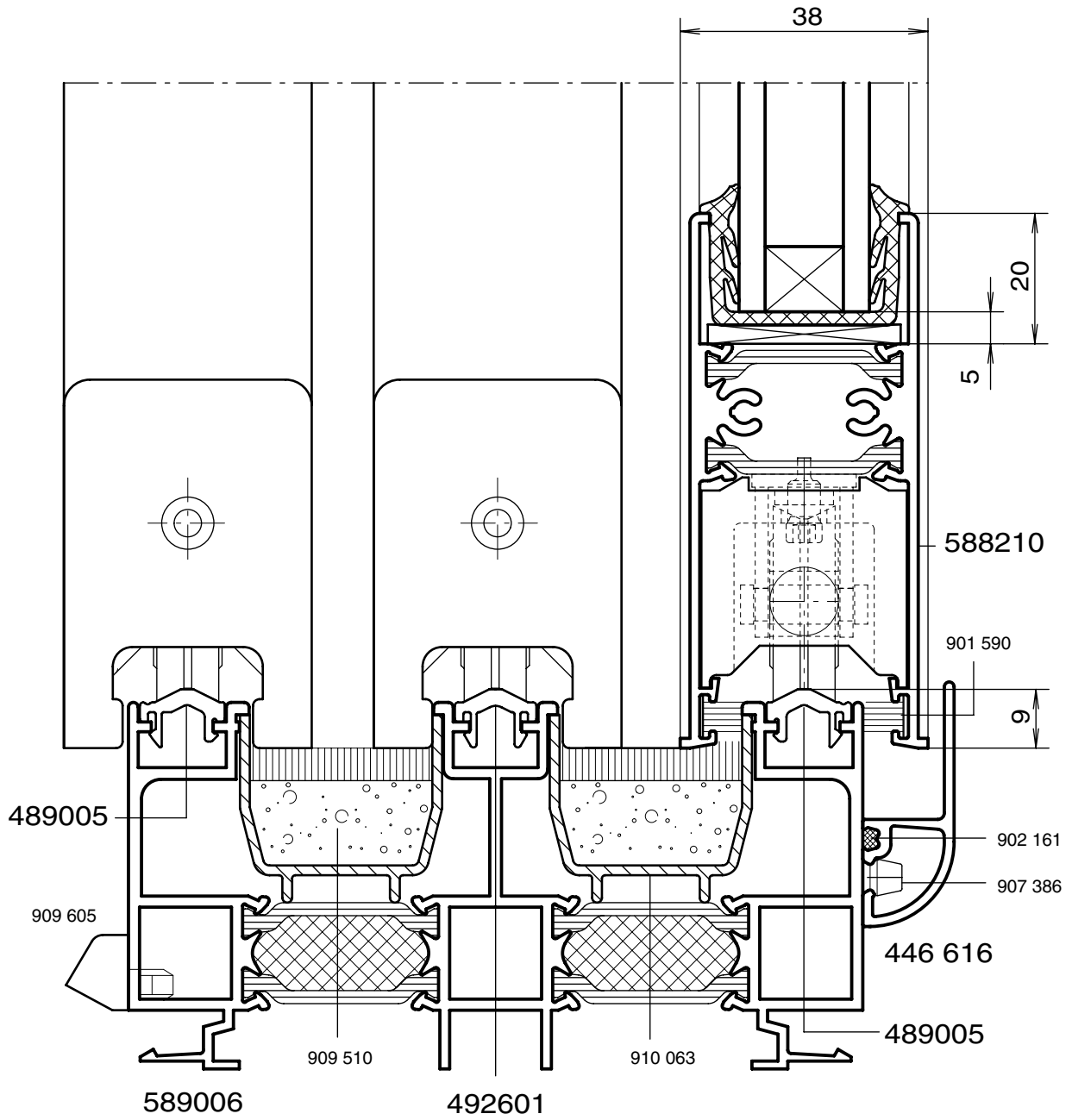


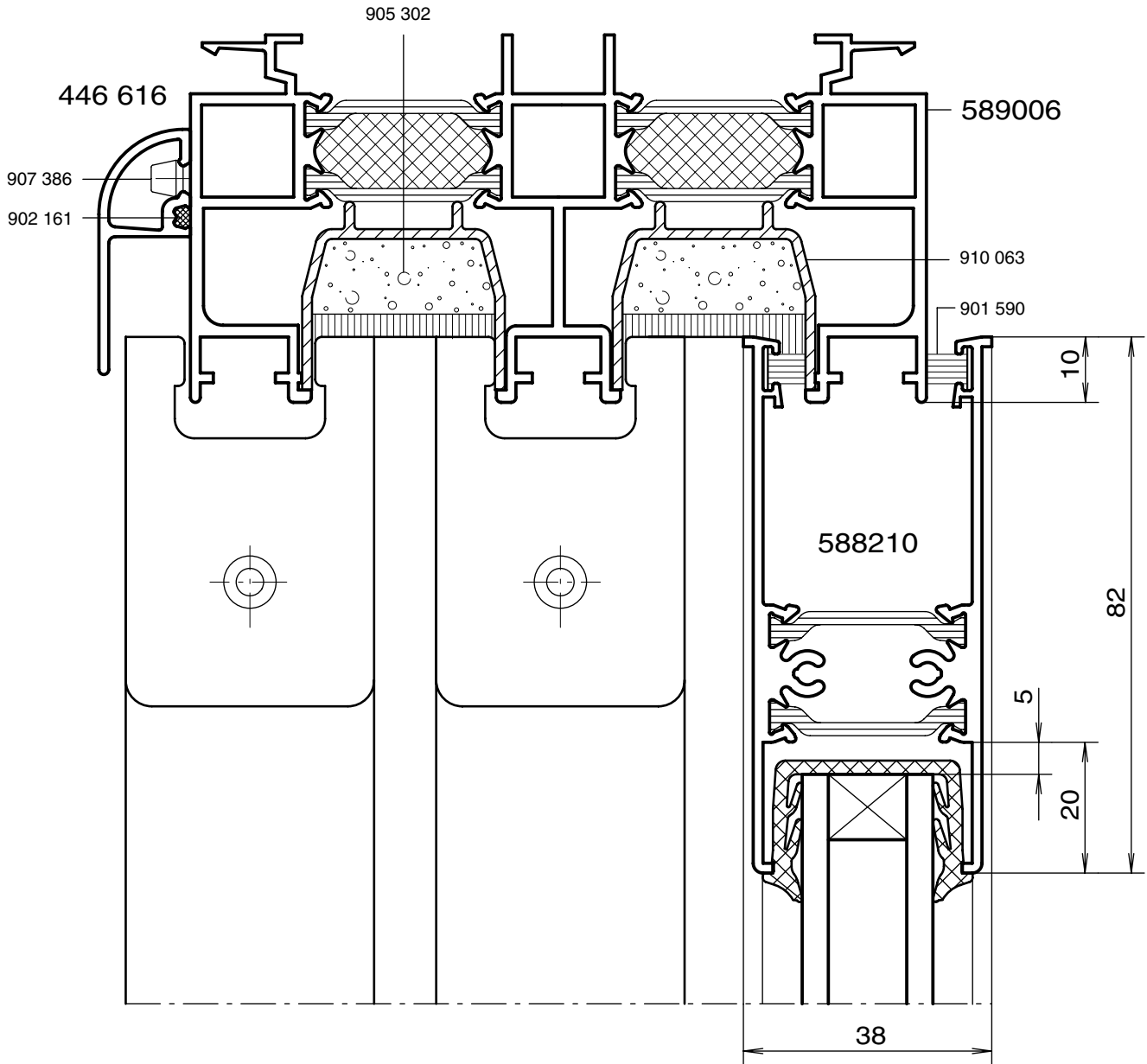


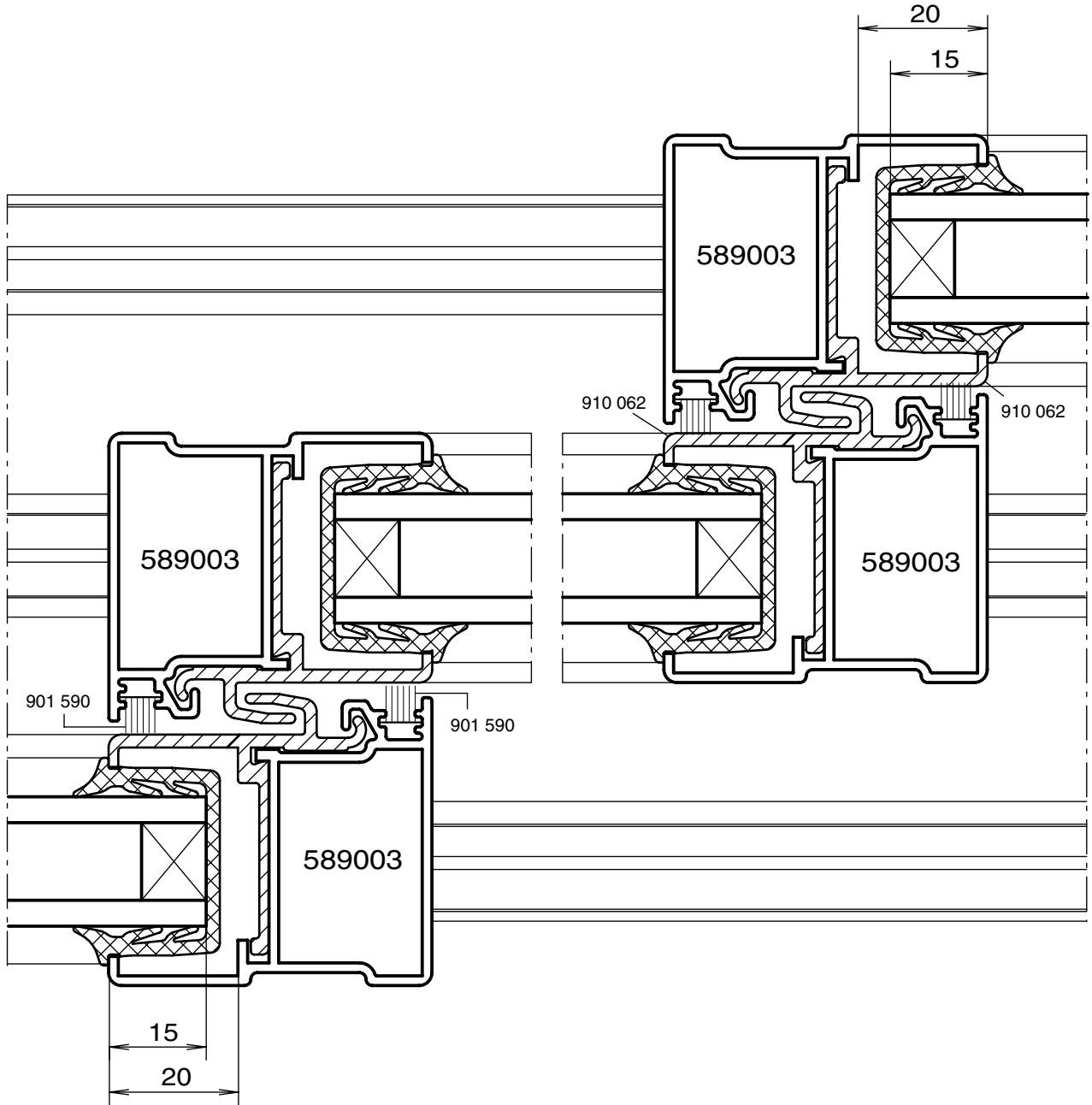


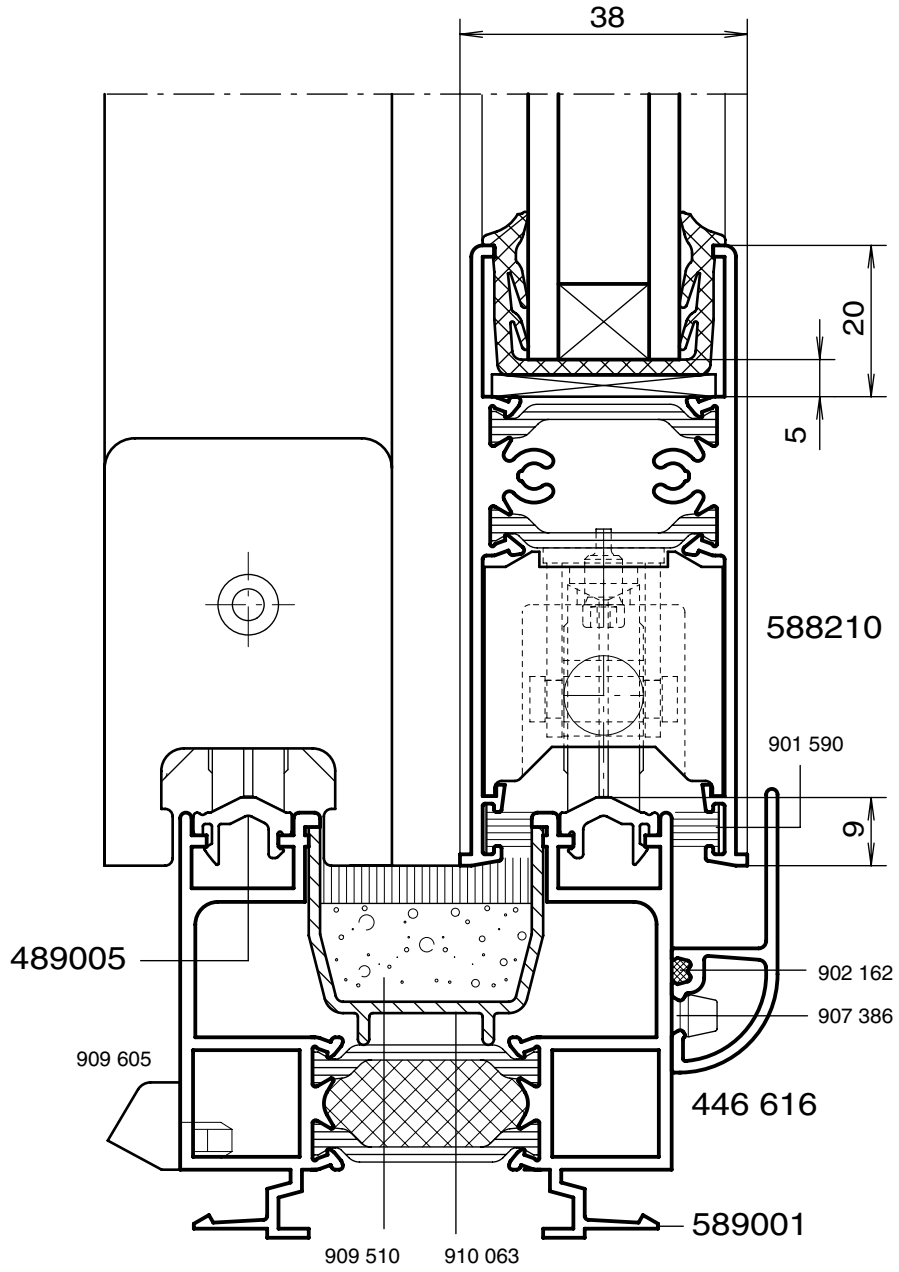


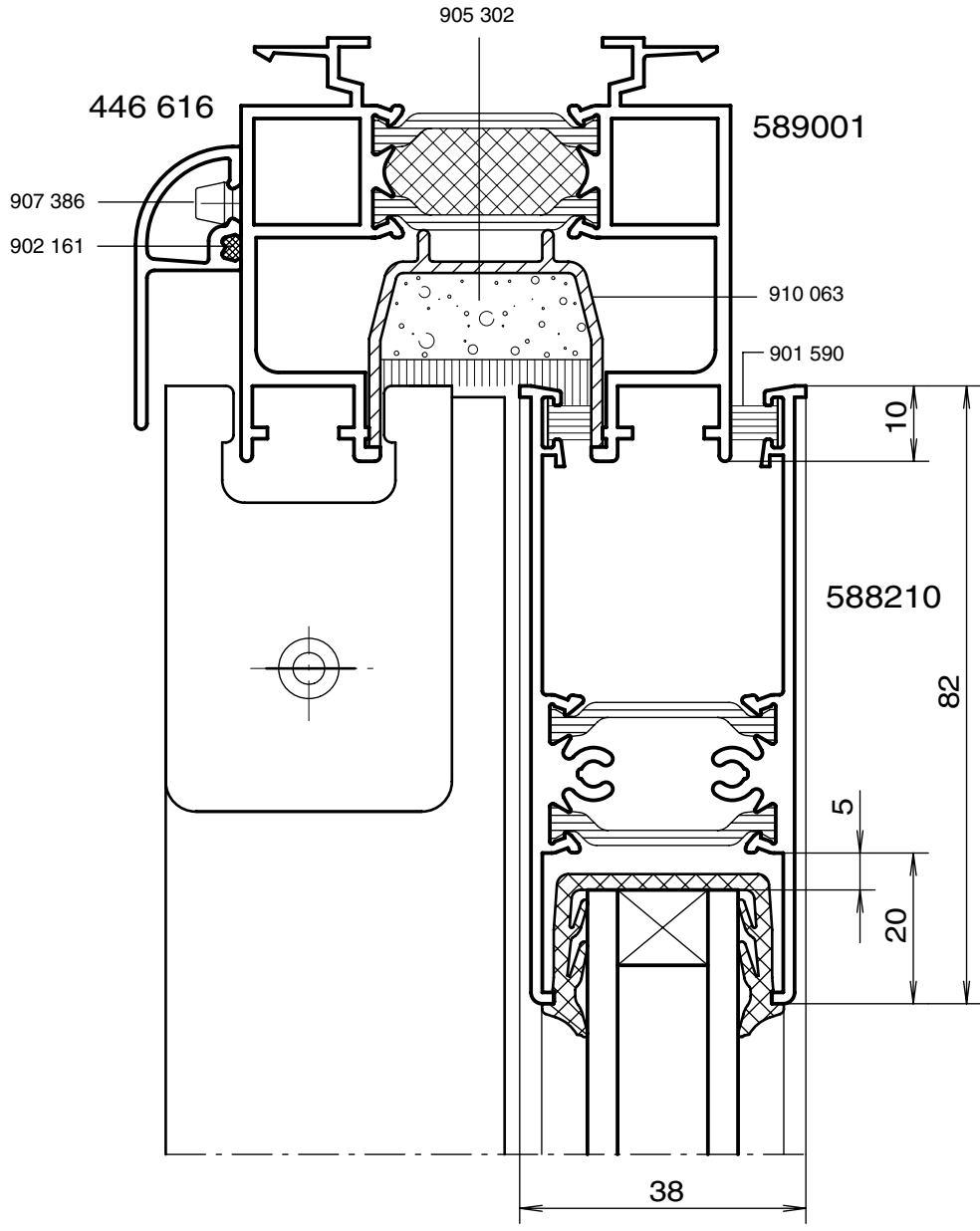




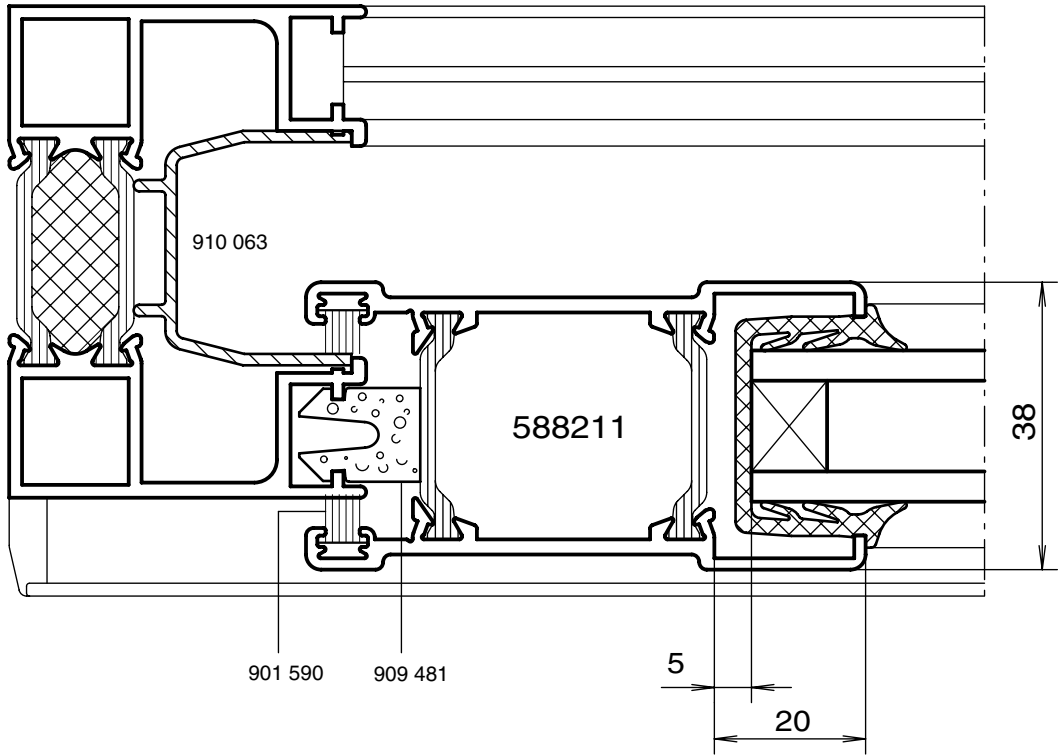


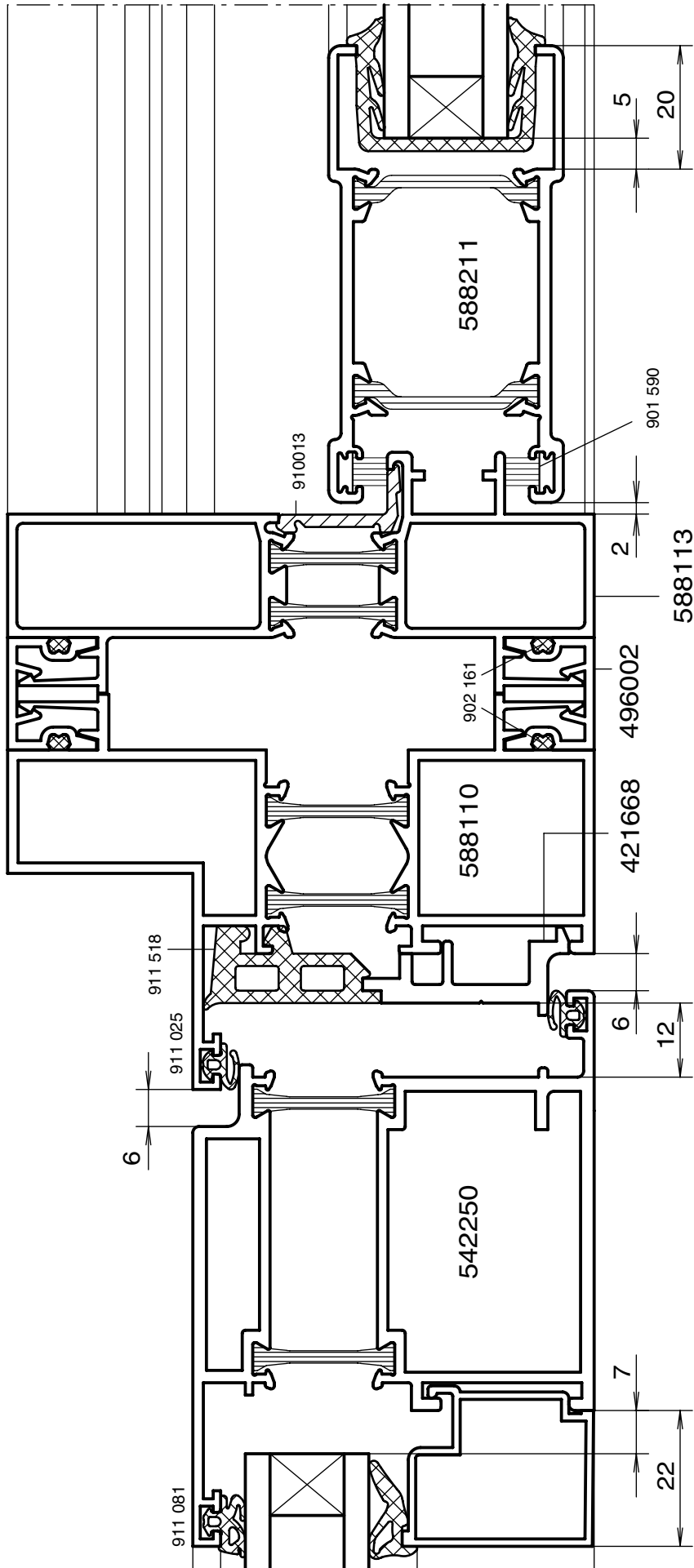




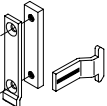



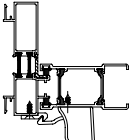
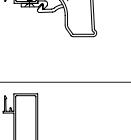
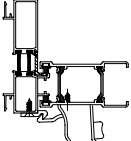
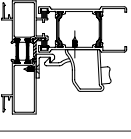
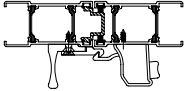
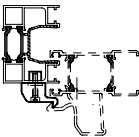



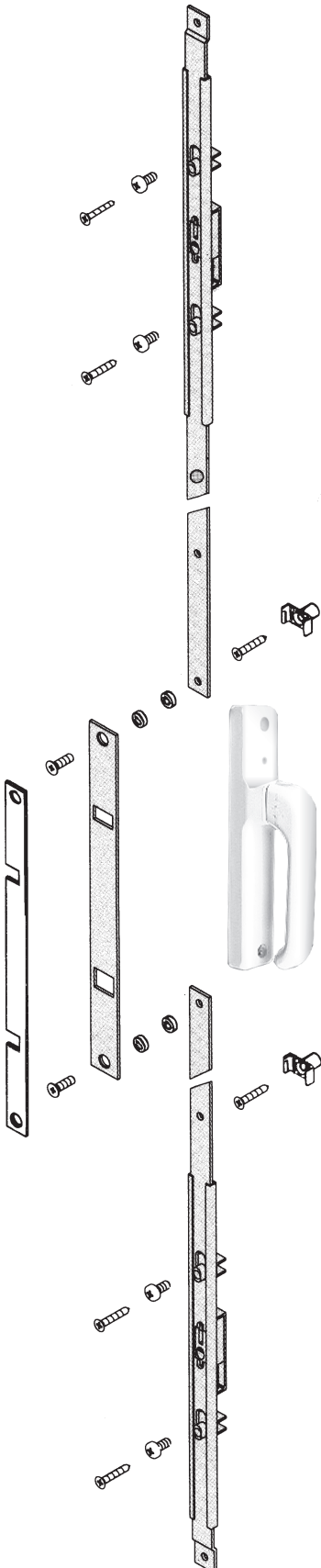


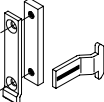


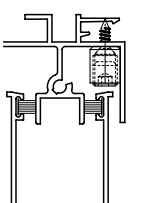
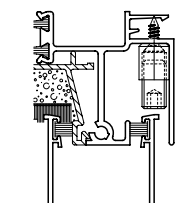



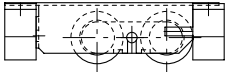
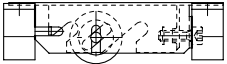

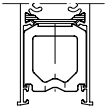
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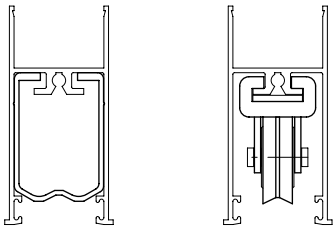
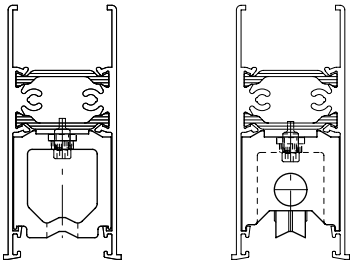




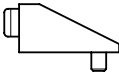
Description	Series SC 90	Series SC 90 i
<b>Lateral locks for schemes A, D, C, F</b>  Lever handle without locking hook	993 579 02 993 579 12 993 579 64	<b>993 579 02</b> <b>993 579 12</b> <b>993 579 64</b>
 Flush handle, self-stopping, without locking hook	909 496 02 909 496 12 909 496 64	<b>909 496 02</b> <b>909 496 12</b> <b>909 496 64</b>
 Locking hook, suitable for 909 496 and 993 579	993 516	<b>993 516</b>
 Handle, suitable for 909 496	906 886 02 906 886 12 906 886 64	<b>906 886 02</b> <b>906 886 12</b> <b>906 886 64</b>
 Flush handle for outside mounting, suitable for 993 579 (for sash operation only)	993 582 02 993 582 12 993 582 64	<b>993 582 02</b> <b>993 582 12</b> <b>993 582 64</b>
 Flush handle for outside mounting, suitable for 993 579 (sash opening by means of key)	993 583 02 993 583 12 993 583 64	<b>993 583 02</b> <b>993 583 12</b> <b>993 583 64</b>
 Spring loaded catch lock, self-stopping, for internal sashes, 90 mm high	993 522 02 993 522 12 993 522 64	<b>993 512 02</b> <b>993 512 12</b> <b>993 512 64</b>
 Spring loaded catch lock, self-stopping, for internal sashes, 130 mm high	993 523 02 993 523 12	<b>993 513 02</b> <b>993 513 12</b>
 Spring loaded catch lock, not self-stopping, for internal sashes, 130 mm high	993 521 02 993 521 12 993 521 64	<b>993 511 02</b> <b>993 511 12</b> <b>993 511 64</b>
 Spring loaded catch lock, not self-stopping, for external sashes, 130 mm high	993 525 02 993 525 12	<b>993 515 02</b> <b>993 515 12</b>
 Handle bar with locking hook, 130 mm high, suitable for (A) and (B), for units with four / six sashes (scheme C + F + L)	991 710 02 991 710 12 991 710 64	<b>993 514 02</b> <b>993 514 12</b> <b>993 514 64</b>
 Locking hook, 90 mm high, suitable for fixed frames SC 90 (592 108); SC 90 i (589 001/002/006)	993 563 02 993 563 12 993 563 64	<b>993 565 02</b> <b>993 565 12</b> <b>993 565 64</b>
 Locking hook, 130 mm high, suitable for fixed frames SC 90 (592 108); SC 90 i (589 001/006)	993 564 02 993 564 12 993 564 64	<b>993 566 02</b> <b>993 566 12</b> <b>993 566 64</b>

Description	Series SC 90	Series SC 90 i
<p>3-point locking without locking hook (min. sash height = 1250 mm)</p> 	993 524	<b>993 524</b>
 <p>Lever handle without locking hook, suitable for 3-point locking (lock upon enquiry)</p>	993 579 02 993 579 12 993 579 64	<b>993 579 02</b> <b>993 579 12</b> <b>993 579 64</b>
 <p>Flush handle, self-stopping, without locking hook, suitable for 3-point locking</p>	909 496 02 909 496 12 909 496 64	<b>909 496 02</b> <b>909 496 12</b> <b>909 496 64</b>
 <p>Locking hook, suitable for 993 524</p>	993 547	<b>993 547</b>
 <p>Flush handle for outside mounting, suitable for 993 579 and 909 496 (for sash operation only)</p>	993 582 02 993 582 12 993 582 64	<b>993 582 02</b> <b>993 582 12</b> <b>993 582 64</b>
 <p>Flush handle for outside mounting, suitable for 993 579 (sash opening by means of key)</p>	993 583 02 993 583 12 993 583 64	<b>993 583 02</b> <b>993 583 12</b> <b>993 583 64</b>
<p>Lift-up security, 2 required per sash</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="486 1624 630 1870"> <p>SC 90</p>  </div> <div data-bbox="646 1624 821 1870"> <p>SC 90 i</p>  </div> </div>	993 546	<b>993 545</b>
<p>Locking hook supplement for central lock (scheme C + F + L)</p>	909 664	<b>909 665</b>

Description	Series SC 90	Series SC 90 i
<b>Single / tandem rollers / setting elements</b>  Single roller with needle roller bearing, height not adjustable, clamp-on design for max. sash weight of 80 kg	991 692	993 506
 Tandem roller, as above, for max. sash weight of 120 kg	991 693	993 507
 Single roller, height adjustable, otherwise as above, for a max. sash weight of 80 kg	991 694	993 508
 Tandem roller, height adjustable, otherwise as above, for a max. sash weight of 120 kg	991 695	993 509
 Setting block, mounted instead of rollers in case of fixed sash	904 445	909 474

SC 90	SC 90 i
	

## Accessories

 Stop buffer Sash rebate, required for spring loaded catch locks for external sashes	901 634 02	901 634 02
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## Drilling jigs, suitable for series SC 90 i

<b>909666</b> Drilling jig, suitable for screw channel holes on profile 449 264	<b>911510</b> Drilling jig, suitable for corner bracket 911 511 if profile 588 110 is used	<b>911499</b> Drilling jig, suitable for corner bracket 911 027 if profile 588 110 is used
<b>909522</b> Drilling jig, suitable for corner bracket 909 503 if profiles 589 001/002/006 are used	<b>909521</b> Drilling jig for drainage drill holes, suitable for profiles 589 001/002/006	

## Punch knives, suitable for Pressta 7000/PV 10 (Pressta 1800/2000)

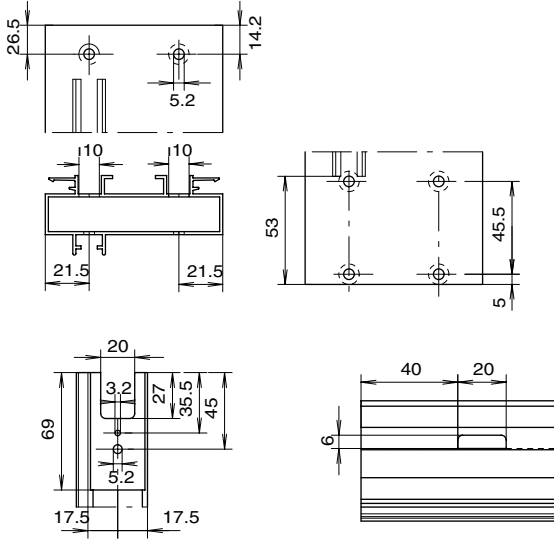
<b>903959</b> Pressta knife, suitable for profiles 592 107/108 (SC 90) and for profiles 588 110, 589 001/002/006 (SC 90 i)		
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## Bottom rail with foot pedal

### 909669

Bottom rail with foot pedal, reducing valve, oil filter and pressure gauge for punching tools 909 667 and 909 668

## Punching tool for working with series SC 90



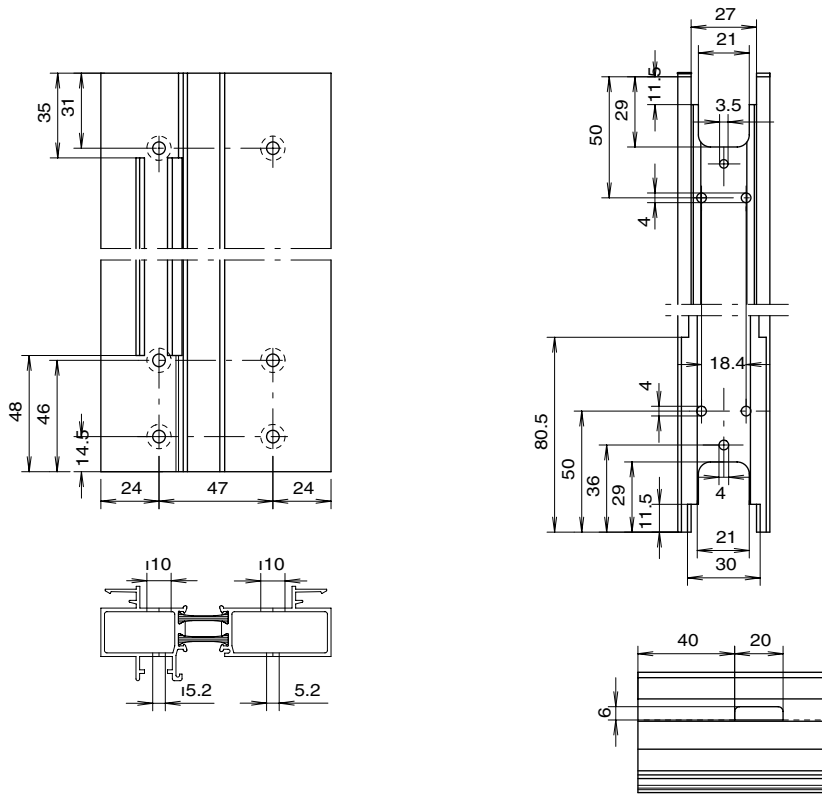
### 909667

Punching tool for upper and lower web removal as well as upper and lower fixing drill holes in lateral fixed frames 592 102/ 592 104. Drainage slots in lower fixed frames. Upper and lower punching as well as sash profile fixing drill holes.

## Punching tool for working with series SC 90 i

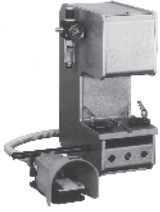
### 909668

Punching tool for upper and lower web removal as well as upper and lower fixing drill holes in lateral fixed frames. Drainage slots in lower fixed frames. Sash profile notching including fixing drill holes.



## HUECK punching racks

(Please note the information on handling 962 001)



### 992 963

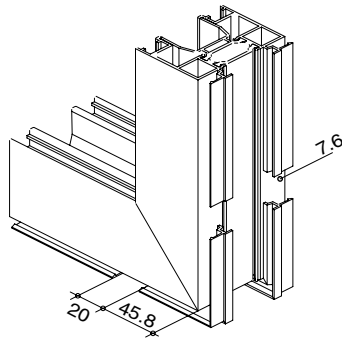
Hueck "Hydropneumatic punch", pressure transmission via pressure transformer, punching process triggered by means of foot pedal, jig for quick change of tools, required operating pressure 6-7 bar

### 906 111

Table rack, suitable for 992 963

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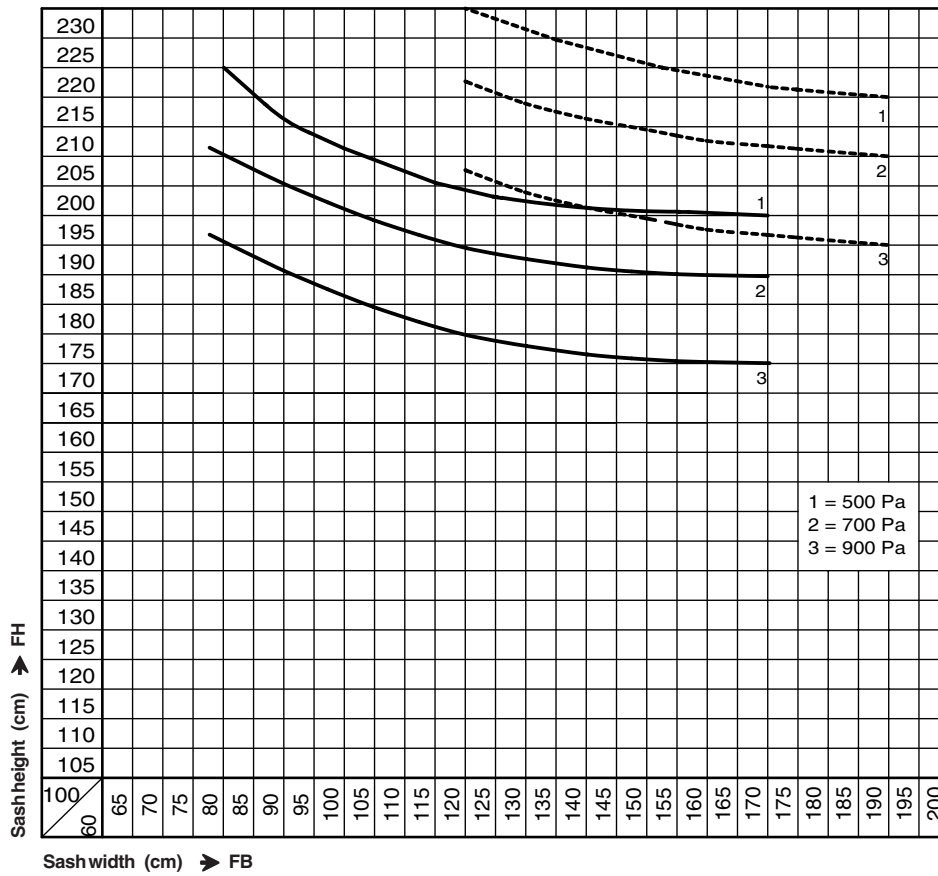
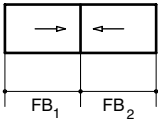
**Punching tool for external web notching on profiles 589 001/ 002 (corner bracket pin holes), to be used with hydropneumatic punch 992 663**



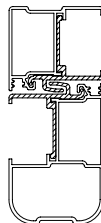
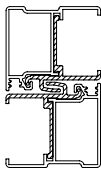
### 909670

Punching tool for SC 90i for punching the housing for supplementary profiles on 589 002 and 589 002

## Sash size diagram for series SC 90 i



———— = 2 x 589 003      - - - - - = 1 x 589 003/004



Max. sash weight = 80 kg if single rollers are used, max. sash weight = 120 kg if tandem rollers are used.

