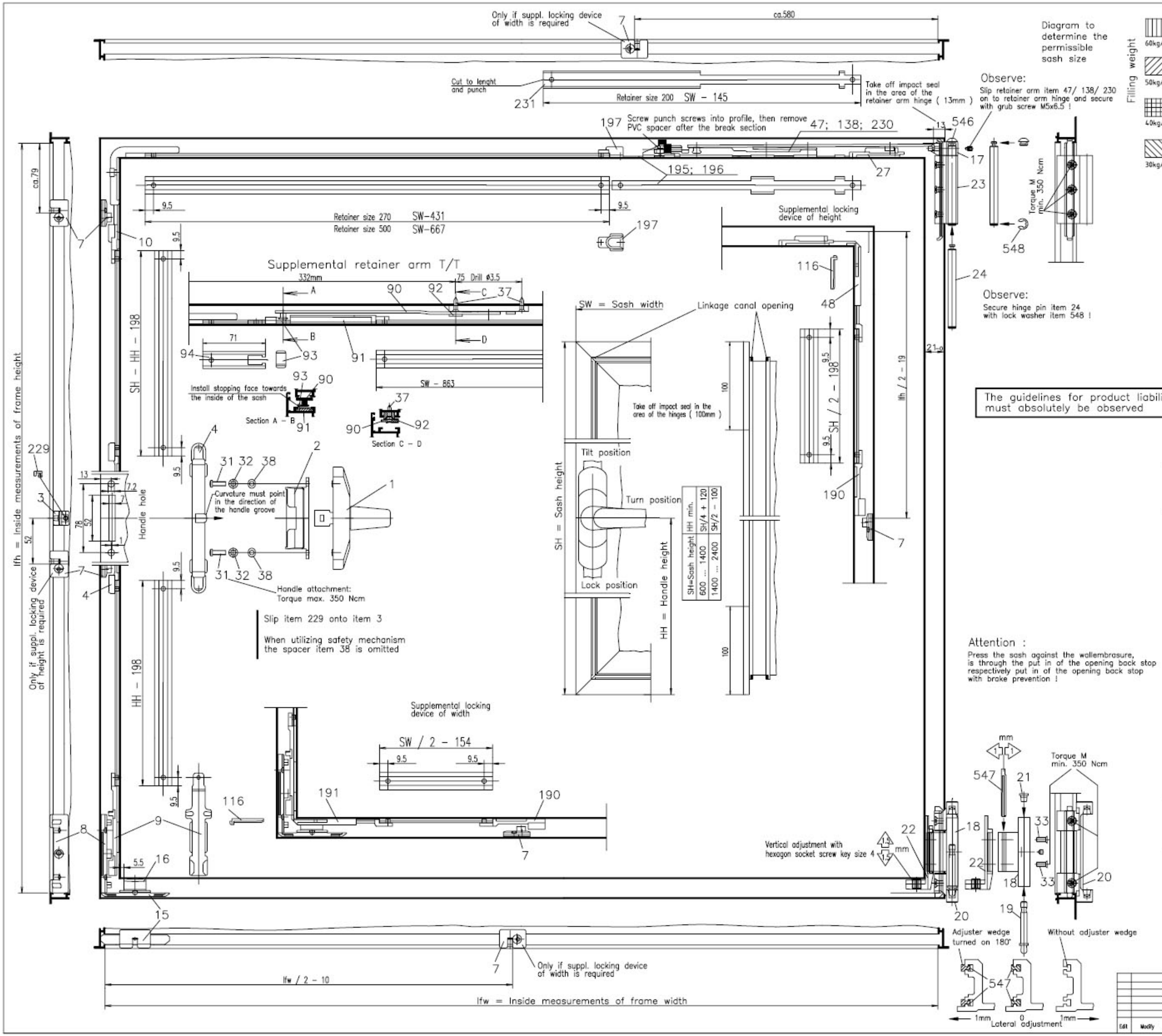
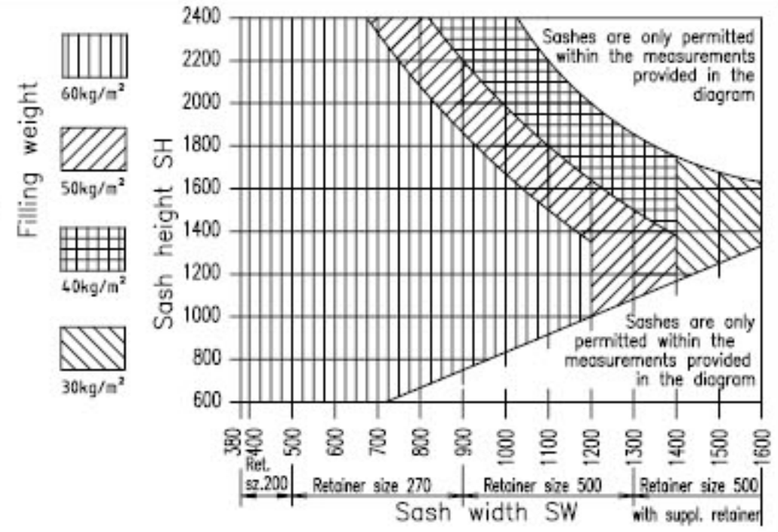


SH=Sash height	HH min.	
600 ... 1400	SH/4 + 120	
1400 ... 2400	SH/2 – 100	

Diagram to determine the permissible sash size



Drawn DIN right; observe space between window frame and sash 21 minus 0. Measurements in mm; non dimensioned borings ø 5.1

When assembling, all movable parts will be installed with non – corrisive corrisive lubricating grease

Punching tools are available for recesses in the profiles

Depending on the profile stability and the type of stress group (A – B – C), supplemental locking devices are required. See informations provided by the system manufacturer

This drawing corresponds with the level of development at the time of the drawing date. No legal claims may be derived against us from the utilization of same

Sash weight max. 100 kg

Designation	Article Nº silver coated	brown coated	RAL 9016 coated
Handle with screws	080 291 06	080 291 08	080 291 03
Hinges clampable	222 415 06	222 415 08	222 415 03
Basic fitting T/T	225 422 00		
Retainer size 200 / 2000	222 050 00		
Retainer size 270 / 2000	222 052 00		
Retainer size 500 / 2000	222 055 00		
Suppl. locking device of height	025 075 00		
Suppl. locking device of width	025 078 00		
Suppl. Retainer stay T/T	034 111 00		

The guidelines for product liability must absolutely be observed

	Item Nº		Designation	Article Nº
Handle with screws silver 080 291 06, brown 080 291 08, 9016 080 291 03	1	1	Handle silver / brown / 9016	7 01 0001 20106 / 7 01 0001 20108 / 7 01 0001 20103
	31	2	Handle screw M5x15 small head	5 06 0031 00100
	32	2	Washer J 5.3 DIN 6798	5 06 0032 00100
	38	2	Spacer	7 01 0038 00100
Basic fitting T/T 225 422 00	3	1	Disengagement stop	7 01 0003 02000
	7	1	Locking point	7 01 0007 02000
	8	1	Tilting bearing	7 01 0008 02000
	15	1	Locking plate	7 01 0015 02000
	229	1	Disengagement slip-on wedge	5 13 0229 00105
	2	1	Safety mechanism	7 01 0002 00900
	4	1	Connector link	7 01 0004 02000
	9	1	Tilt bracket	7 01 0009 02000
	10	1	Corner drive	7 01 0010 02000
	16	1	Locking wedge	5 13 0016 02000
	27	1	Adjuster link T/T	7 01 0027 22000
	197	1	Coupling bar connector	7 01 0197 02000
Hinges clampable silver 222 415 06, brown 222 415 08, 9016 222 415 03	18	1	Corner hinge silver / brown / 9016	7 02 0018 22806 / 7 02 0018 22808 / 7 02 0018 22803
	19	1	Corner pivot pin	5 06 0019 22200
	20	1	Corner pivot housing silver / brown / 9016	7 01 0020 22806 / 7 01 0020 22808 / 7 01 0020 22803
	21	1	Cap silver / schwarz / weiß	5 13 0021 22206 / 5 13 0021 22205 / 5 13 0021 22203
	22	1	Clamping device for corner hinge	7 01 0022 22200
	33	2	Hinge screws M5x12 small head	5 06 0033 00100
	547	1	Adjuster wedge	7 01 0547 22200
	17	1	Retainer stay hinge silver / brown / 9016	5 22 0017 22606 / 5 22 0017 22608 / 5 22 0017 22603
	23	1	Outer hinge silver / brown / 9016	7 02 0023 22806 / 7 02 0023 22808 / 7 02 0023 22803
	24	1	Hinge pin	5 06 0024 22200
	546	1	Safety bushing silver / brown / 9016	7 01 0546 22206 / 7 01 0546 22208 / 7 01 0546 22203
	548	1	Safety washer	5 05 0548 22200
Retainer size 200 222 050 00	230	1	Retainer stay size 200	7 01 0230 22200
	231	1	Coupling bar size 200	7 02 0231 02000
Retainer size 270 222 052 00	138	1	Retainer stay size 270	7 01 0138 22200
	195	1	Coupling bar size 270	7 02 0195 02000
Retainer size 500 222 055 00	47	1	Retainer stay size 500	7 01 0047 22200
	196	1	Coupling bar size 500	7 02 0196 02000
Suppl. locking dev. of height 025 075 00	7	2	Locking point	7 01 0007 02000
	48	1	Corner drive – hinge side – above	7 01 0048 02000
	116	1	Clamping wedge	7 01 0116 02000
	190	1	Adjuster link	7 01 0190 02000
Suppl. locking dev. of width 025 078 00	7	2	Locking point	7 01 0007 02000
	116	1	Clamping wedge	7 01 0116 02000
	190	1	Adjuster link	7 01 0190 02000
	191	1	Corner drive – handle side – below	7 01 0191 02000
Suppl. retainer 034 111 00	94	1	Linkage coupling for suppl. retainer arm	7 02 0094 02200
	93	1	Insert	7 01 0093 02000
	92	1	Spring for suppl. retainer arm	7 05 0092 00100
	91	1	Slider for suppl. retainer arm	7 01 0091 02300
	90	1	Suppl. retainer arm	7 01 0090 08000
	37	2	Counter sunk tapping screw 4.2x16	5 06 0037 00100

	Date	Name
Drawn	28.07.05	Carmondelle
Appr.		
Norm.		

Edit | Modify | Date | Name

Installation instructions
T/T – HARDWARE
AL 2000

Drawing-Nr. 20 001 030

Scale 1:2