



SURFACE
HINGE
WEX



SURFACE HINGES WEX - ASYMETRICAL 2 - WING



7016



7024



8077



8017



9001



9010



7035



ANODE
NATURAL



RAL



GOLD W3



7021



9005



8019



8003



1036W



9016



9006



INOX
COATED



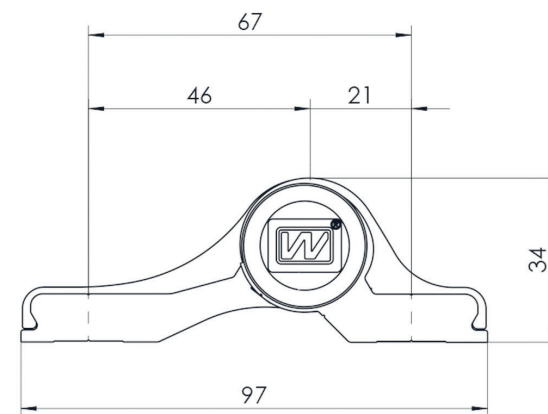
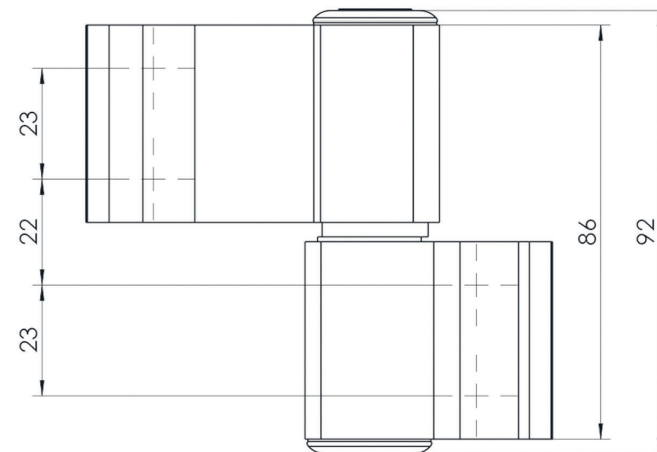
GOLD W4



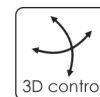
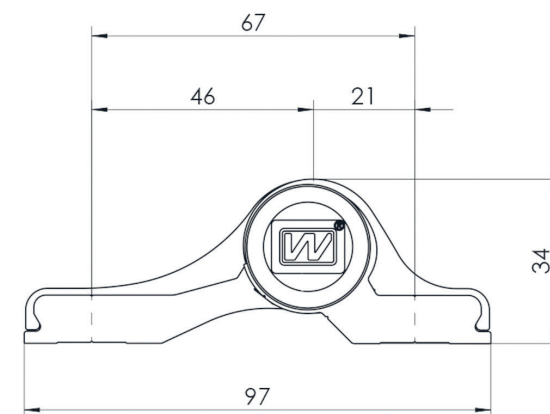
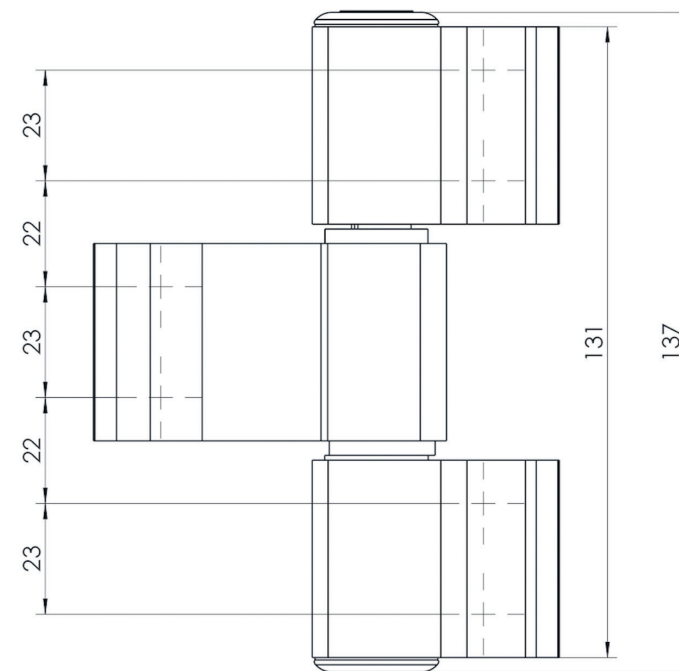
PLASTIC
BLACK



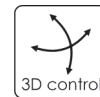
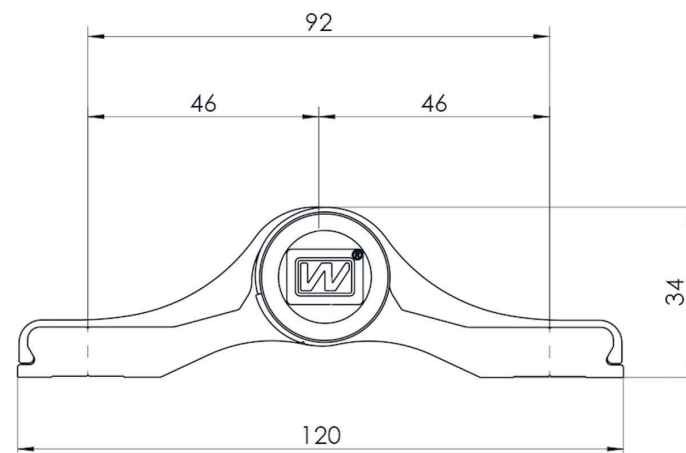
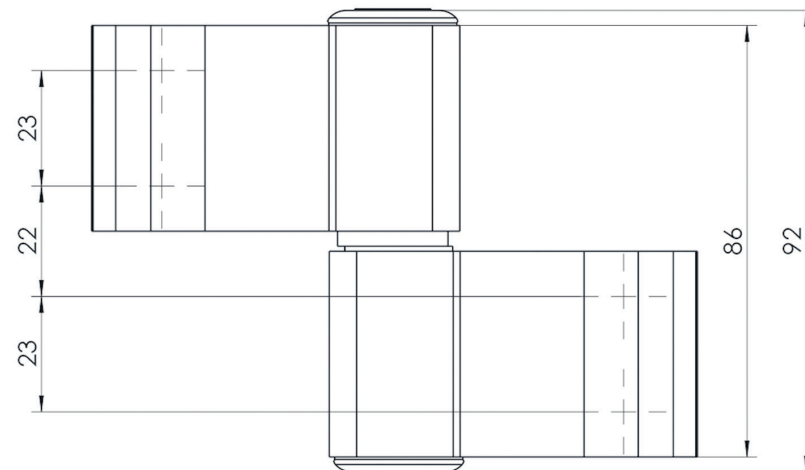
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WHITE



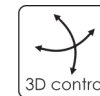
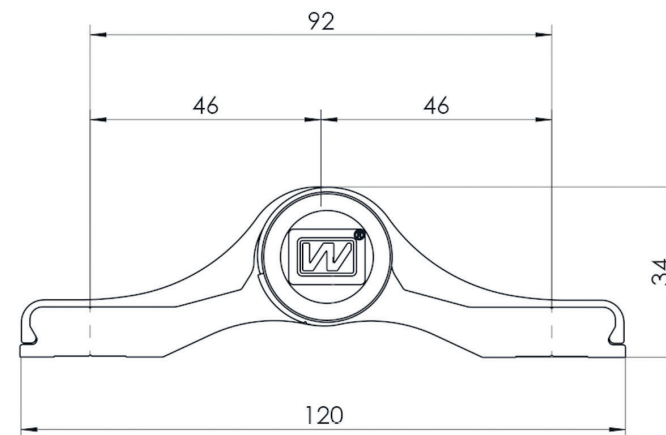
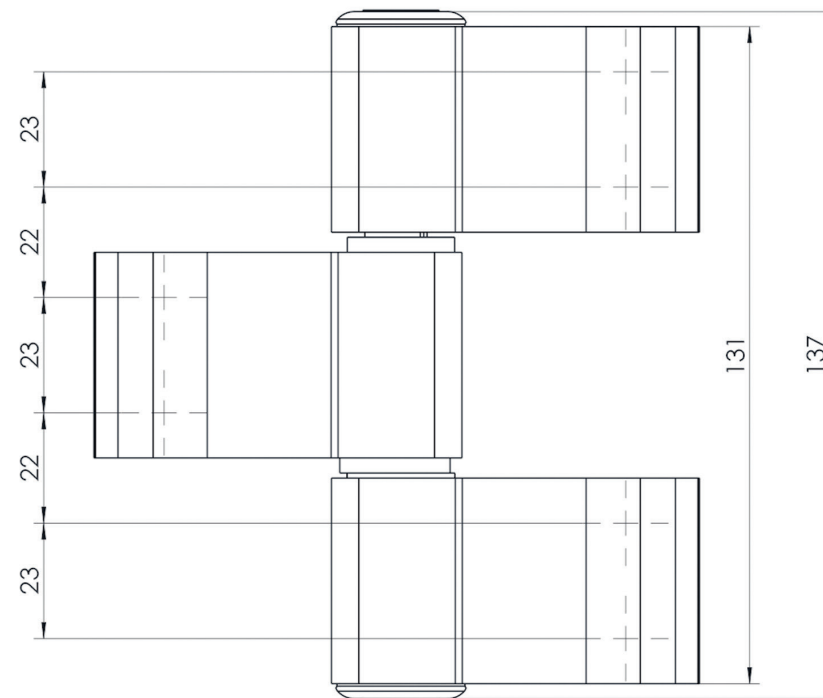
SURFACE HINGES WEX - ASYMETRICAL 3 - WING



SURFACE HINGES WEX - SYMETRICAL 2 - WING



SURFACE HINGES WEX - SYMETRICAL 3 - WING



SURFACE HINGES WEX - NARROW FRAME 2 - WING



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NATURAL



RAL



GOLD W3



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9005



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1036W



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9006



INOX
COATED



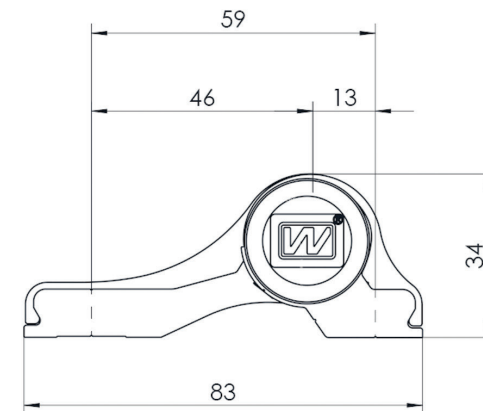
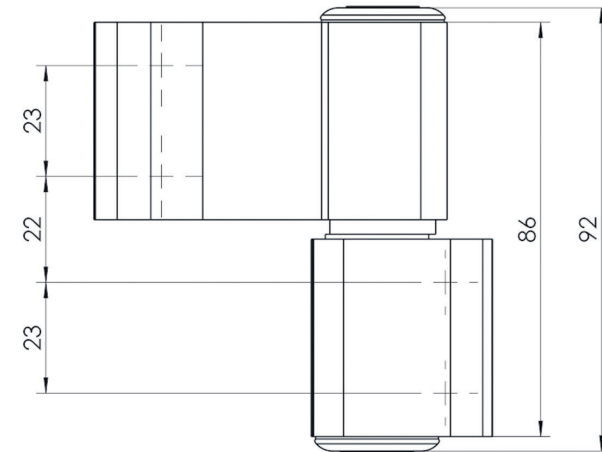
GOLD W4



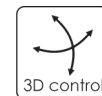
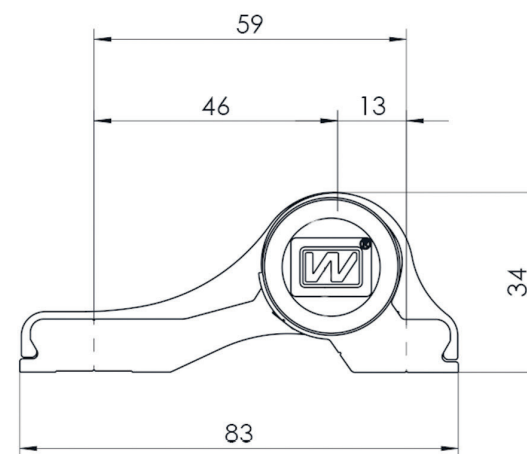
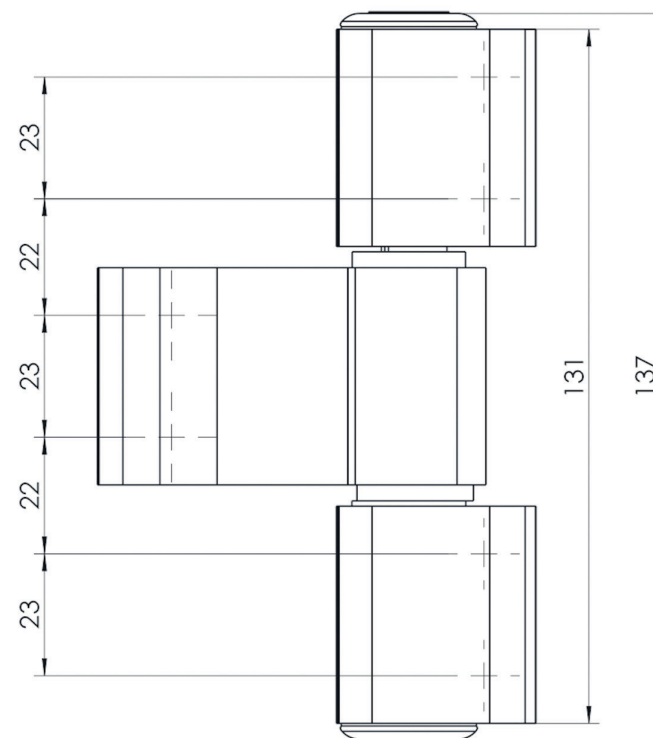
PLASTIC
BLACK



PLASTIC
WHITE



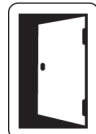
SURFACE HINGES WEX - NARROW FRAME 3 - WING



SURFACE HINGES WEX

FOR USE IN EMERGENCY EXIT DOORS

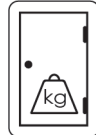
WEX HINAGE CLASSIFICATION EN 1935:2002 + EN 1935:2002/AC:2003



4/4 - SERVICE CLESSES



7/7 - DURABILITY



7/7 - WEIGHT OF TEST DOOR



0/1 - FIRE RESISTANCE



1/1 - SECURITY



4/4 - CORROSION RESISTANCE



1/1 - INTRUSION PROTECTION



14/14 - HINGE CLASS





ELEMENTS
OF A DOOR FRAME



ELEMENTS
OF A DOOR SASH

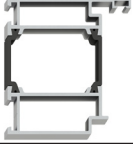


ELEMENTS
OF A DOOR FRAME



ELEMENTS
OF A DOOR SASH

MOUNTING SETS FOR SURFACE HINGES WEX

 PROFILE WITH THERMAL BARRIER (WARM)		
WX80SD4980	WX80SD5100	WX80SD5000
		
4 x long quick-fastening screw 58,5mm	4 x long quick-fastening screw 71,5mm	4 x long quick-fastening screw 84,5mm
WX50SD4980	WX50SD5100	WX50SD5000
BIG PACK 200 x long quick-fastening screw 58,5mm	BIG PACK 200 x long quick-fastening screw 71,5mm	BIG PACK 200 x long quick-fastening screw 84,5mm
WX80SD4990	WX80SD5110	WX80SD5001
		
6 x long quick-fastening screw 58,5mm	6 x long quick-fastening screw 71,5mm	6 x long quick-fastening screw 84,5mm

 PROFILE WITHOUT THERMAL BARRIER (COLD)
WX80SU4700

4 x positioning screw 2 x WN block
WX50SU4700
BIG PACK 200 x positioning screw 100 x WN block
WX80SU4710

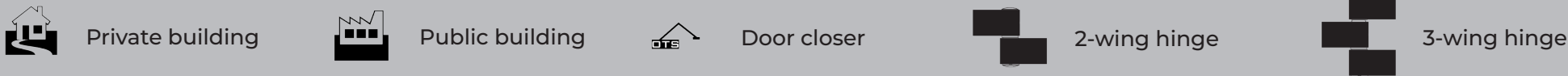
6 x positioning screw 1 x WN block 1 x WN long block

MOUNTING SETS FOR NARROW FRAME HINGES		
MEX8010SU4700	MEX8010SD4980	MEX8010SD5100
		
2 x positioning screw 2 x M8X25 screw 2 x positioning sleeve narrow frame hinge 2 x WN block	2 x M8X50 screw 2 x dowel sleeve TKO 48mm 2 x long quick-fastening screw 58,5mm	2 x M8X65 screw 2 x dowel sleeve TKO fire bushing 64mm 2 x long quick-fastening screw 71,5mm
MEX8010SU4710	MEX8010SD4990	MEX8010SD5110
		
2 x positioning screw 4 x M8X25 screw 4 x positioning sleeve narrow frame hinge 1 x WN block 1 x WN long block	4 x M8X50 screw 4 x dowel sleeve TKO 48mm 2 x long quick-fastening screw 58,5mm	4 x M8X65 screw 4 x dowel sleeve TKO fire bushing 64mm 2 x long quick-fastening screw 71,5mm



LOAD SELECTION SURFACE HINGES WEX

If the distance between hinges in the middle of a door exceeds 1500mm, we suggest using additional hinge which caulks the door.



	W	S	800	900	1000	1100	1200	1300	1400
 2x	2000		98	90	84	78	72	66	62
	2100		103	95	88	82	76	70	65
	2200			100	93	86	79	74	68
	2300				98	90	83	77	71
	2400				102	94	87	81	75
	2500					99	92	85	79
	2600	104					97	90	82
	2700			104			102	94	87
	2800				104	104		98	91
	2900							103	96
	3000							104	101

	W	S	800	900	1000	1100	1200	1300	1400
 3x 2x	2000		138	128	118	110	102	94	87
	2100			134	124	115	106	98	91
	2200			141	130	121	112	104	96
	2300				137	127	118	109	101
	2400					134	123	114	106
	2500					140	130	120	111
	2600	144						136	126
	2700			144				143	132
	2800				144				139
	2900					144			135
	3000						144		142

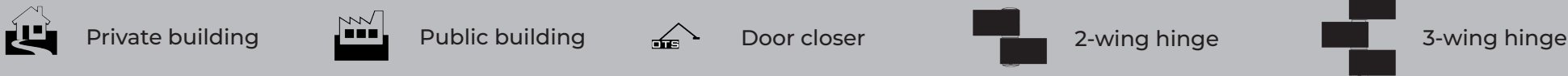
	W	S	800	900	1000	1100	1200	1300	1400
 3x	2000		173	160	148	137	127	118	109
	2100			168	155	144	134	123	114
	2200				163	151	140	130	120
	2300				171	158	147	136	126
	2400					166	154	143	132
	2500					175	162	150	139
	2600	176					170	158	146
	2700			176				166	153
	2800				176	176		174	161
	2900								169
	3000							176	176

	W	S	800	900	1000	1100	1200	1300	1400
 4x	2000			190	176	163	151	140	130
	2100			199	185	171	158	146	136
	2200				194	180	166	154	142
	2300					189	174	162	150
	2400					198	183	170	158
	2500	200					193	178	165
	2600			200				187	174
	2700				200			197	182
	2800					200			191
	2900						200		
	3000							200	200



LOAD SELECTION SURFACE HINGES WEX

If the distance between hinges in the middle of a door exceeds 1500mm, we suggest using additional hinge which caulks the door.



	W	S	800	900	1000	1100	1200	1300	1400
 2x	2000		112		104	96	89	82	77
	2100				110	101	94	86	80
	2200				112	106	98	91	84
	2300					111	103	95	89
	2400				112		108	100	93
	2500							106	98
	2600							110	102
	2700					112			107
	2800						112		
	2900							112	
	3000								112

	W	S	800	900	1000	1100	1200	1300	1400
 3x 2x	2000		158	147	136	126	117	108	100
	2100		160	154	143	132	122	114	105
	2200			160	150	139	129	119	110
	2300				158	146	135	125	116
	2400			160		153	142	131	122
	2500				160			149	138
	2600							156	145
	2700								152
	2800								159
	2900								155
	3000								160

	W	S	800	900	1000	1100	1200	1300	1400
 3x	2000		184	173	160	148	137	127	118
	2100			182	168	155	144	134	123
	2200			184	177	163	151	140	130
	2300				184	171	158	147	136
	2400					180	166	154	143
	2500				184		175	162	150
	2600							170	158
	2700					184		178	166
	2800						184		174
	2900							184	
	3000								184

	W	S	800	900	1000	1100	1200	1300	1400
 4x	2000		224	207	192	178	165	153	141
	2100			218	202	186	173	160	148
	2200			224	212	196	182	168	155
	2300				222	206	190	177	163
	2400			224		216	200	186	171
	2500				224		210	194	180
	2600						221	204	189
	2700							214	198
	2800								209
	2900								219
	3000								224



LOAD SELECTION SURFACE HINGES WEX

If the distance between hinges in the middle of a door exceeds 1500mm, we suggest using additional hinge which caulks the door.



Private building



Public building



Door closer



2-wing hinge



3-wing hinge

  2x  	W	S	800	900	1000	1100	1200	1300	1400
	2000		78	73	67	62	58	54	50
	2100		82	76	70	66	61	56	52
	2200		86	80	74	69	63	59	54
	2300		90	84	78	72	66	62	57
	2400		95	88	82	76	70	65	60
	2500		100	93	86	79	74	68	63
	2600	104		98	90	82	78	71	66
	2700			102	94	87	81	75	70
	2800		104		99	92	85	79	73
	2900			104		97	90	82	77
3000					102	94	87	81	

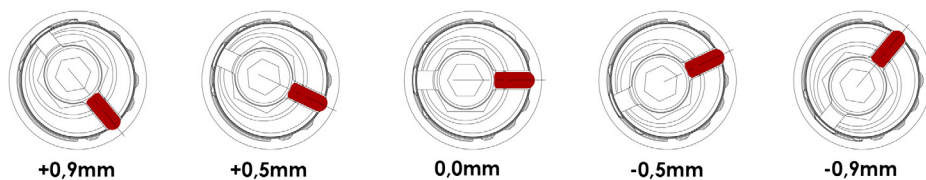
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  3x 2x 	2000		105	97	90	83	77	71	66
	2100		110	102	94	87	81	74	69
	2200		115	106	98	91	85	78	73
	2300		121	112	104	96	89	82	76
	2400		127	118	109	101	94	86	80
	2500		134	123	114	106	98	90	84
	2600		140	130	120	111	103	95	88
	2700		144	136	126	117	108	100	93
	2800			143	132	122	114	105	98
	2900			144	139	129	119	110	102
	3000				144	135	125	116	107

	W	S	800	900	1000	1100	1200	1300	1400
  3x 	2000		135	126	116	107	66	92	86
	2100		142	131	122	113	105	97	90
	2200		149	138	128	118	110	102	94
	2300		157	145	134	124	115	106	98
	2400		165	152	141	130	121	112	104
	2500		173	160	148	137	127	118	109
	2600		176	168	155	144	134	123	114
	2700			176	163	151	140	130	120
	2800				171	158	147	136	126
	2900				176	166	154	143	132
	3000					175	162	150	139

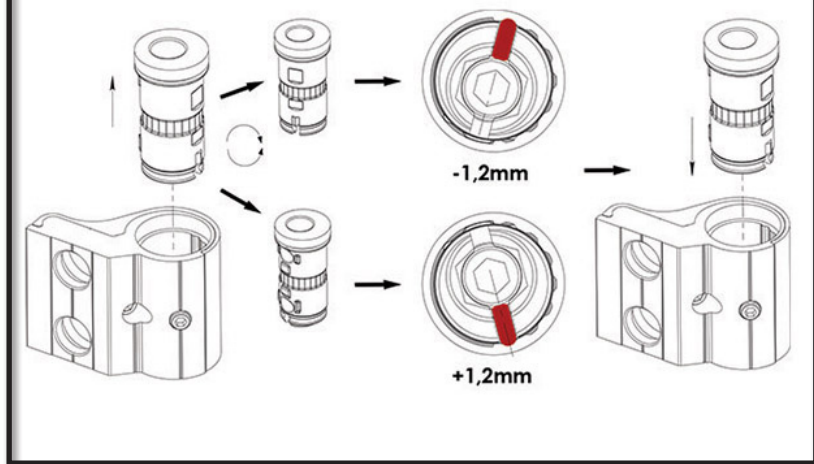
	W	S	800	900	1000	1100	1200	1300	1400
  4x 	2000		175	162	150	139	129	119	110
	2100		184	170	158	146	135	126	116
	2200		194	179	166	154	142	132	122
	2300		200	188	174	162	150	138	128
	2400			198	183	170	157	145	134
	2500		200	200	192	178	165	152	141
	2600				200	186	173	160	148
	2700					196	182	168	155
	2800					200	190	176	163
	2900						200	186	171
	3000							194	180



ADJUSTMENT FOR SURFACE HINGES WEX - 2 WING



Extended seal pressure
adjustment position
 $\pm 1,2\text{mm}$

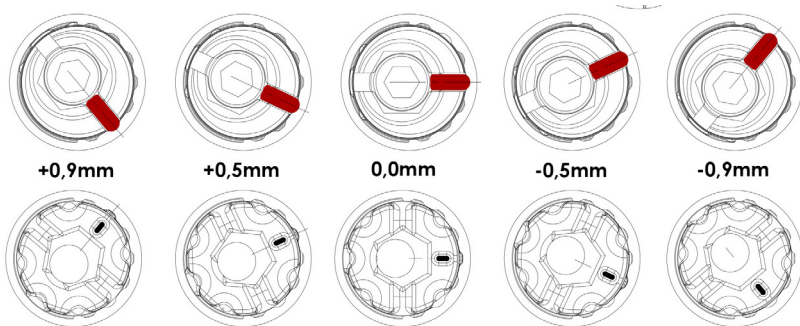


Sealing
pressure
adjustment
 $\pm 0,9\text{ mm}$

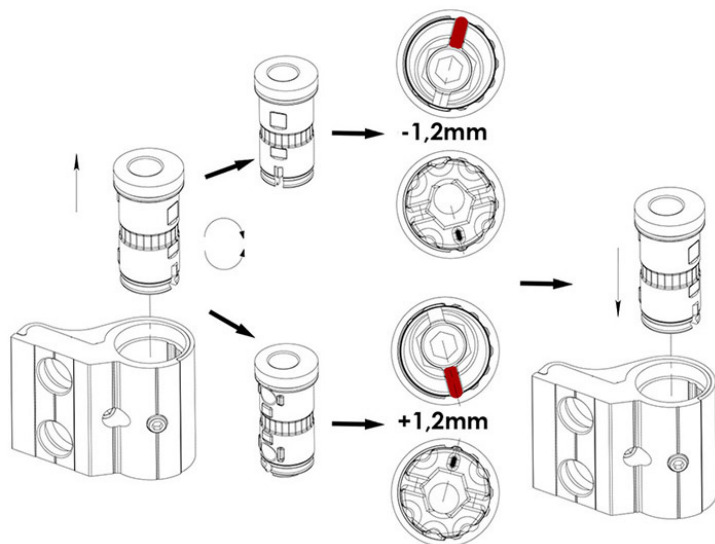
Left / right
adjustment
 $\pm 3,5\text{ mm}$



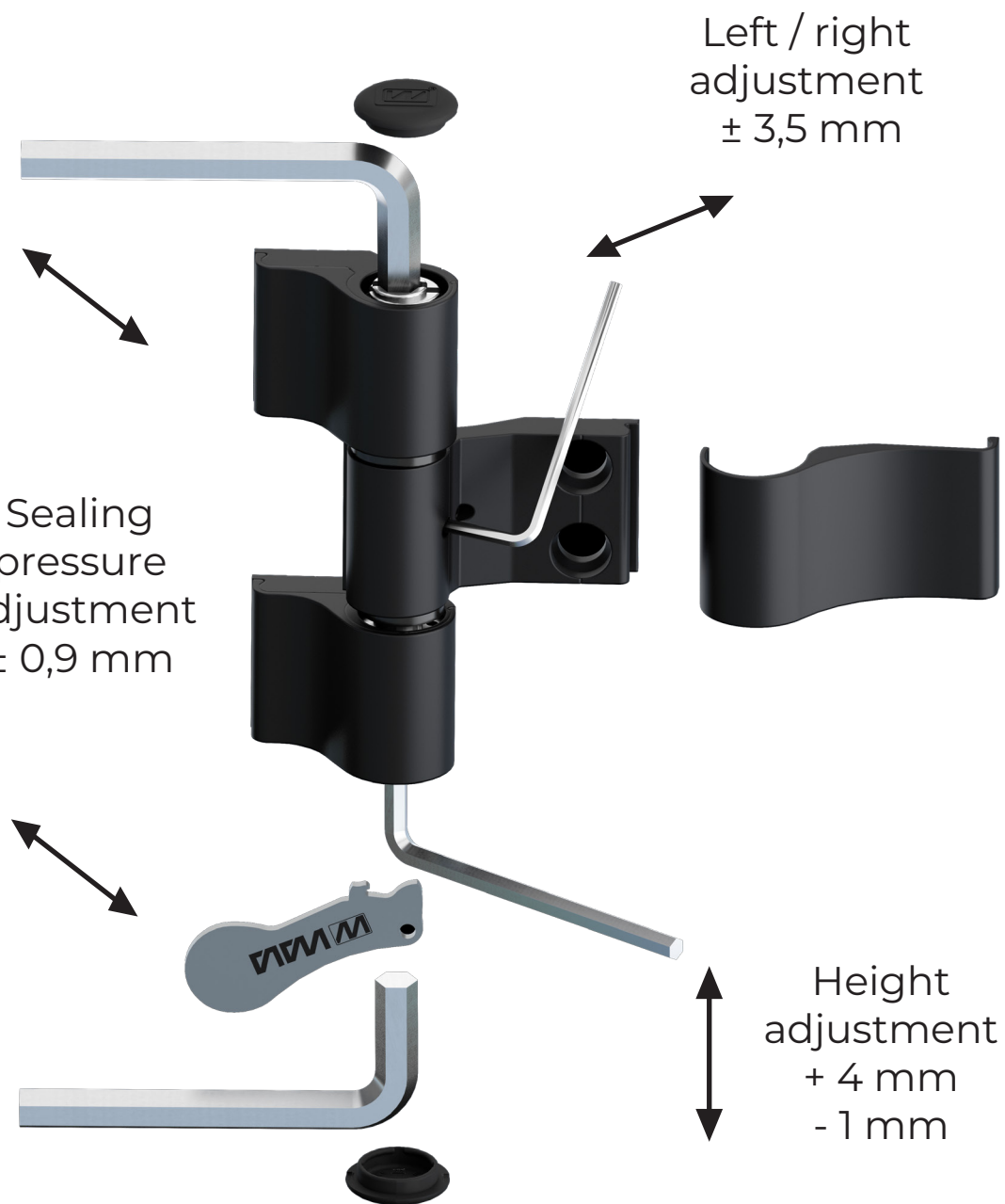
ADJUSTMENT FOR SURFACE HINGES WEX - 3 WING



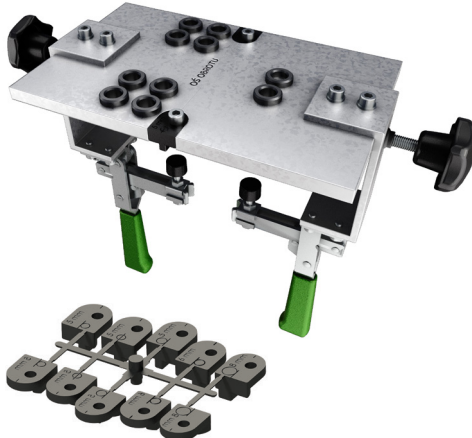
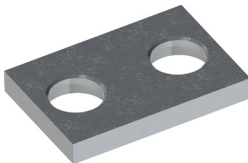
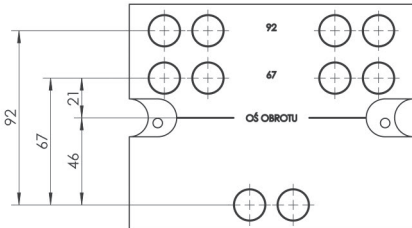
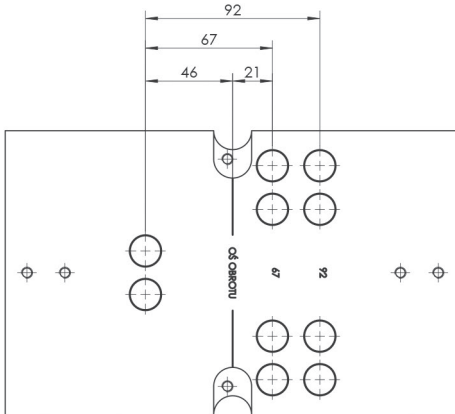
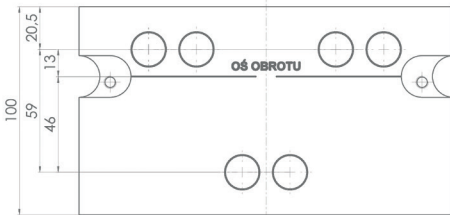
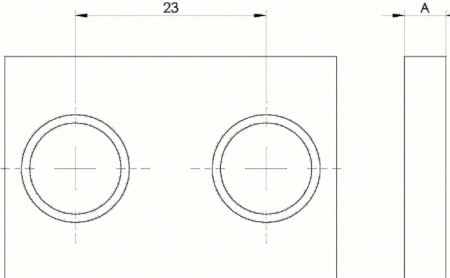
Extended seal pressure
adjustment position
 $\pm 1,2\text{mm}$



Sealing
pressure
adjustment
 $\pm 0,9\text{ mm}$



PATTERNS FOR DRILLING SURFACE HINGES WEX

S1	S2	NARROW FRAME	WEX DISTANCE PLATE						
			 <table><tr><th>THICKNESS [A]</th></tr><tr><td>2mm</td></tr><tr><td>3mm</td></tr><tr><td>5mm</td></tr><tr><td>8mm</td></tr><tr><td>10mm</td></tr></table>	THICKNESS [A]	2mm	3mm	5mm	8mm	10mm
THICKNESS [A]									
2mm									
3mm									
5mm									
8mm									
10mm									
									
S1 Pattern for WEX Surface Hinge, dimension 67/92	S2 Pattern for WEX Surface Hinge, dimension 67/92	Pattern for WEX Narrow Frame Surface Hinge, dimension 59	Plate must be select for suitable mounting set						



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