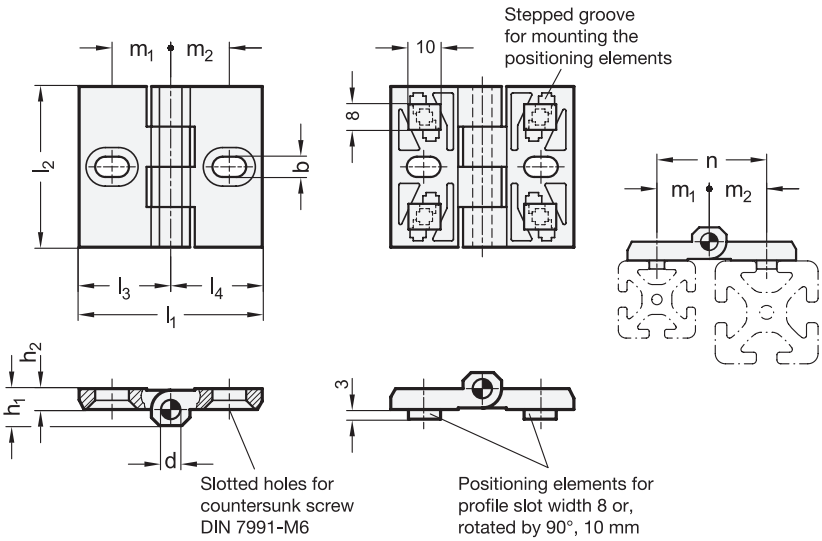


1

l_1	b	d	h_1	h_2	l_2	l_3	l_4
57	6,3	6	12	6,5	50	28,5	28,5
68	6,3	6	12	6,5	50	28,5	40
80	6,3	6	12	6,5	50	40	40

Specification

Hinge leafs
Zinc die casting
Powder coated
Black, textured finish

Hinge pin
Stainless steel AISI 303

RoHS

Hinges GN 161 have been designed for aluminum profiles.
With three different types of hinges only, 66 different groove distances „n“ can be accommodated. To achieve this the positioning elements are set in specially marked recesses in the hinge wings.
The rectangular (8x10 mm) positioning elements, two pieces per hinge wing, will prevent a misalignment. They will also carry the weight of the door.
For screwing the hinges onto the profile rails, special T-Nuts are used.

see also...	Page
GN 159 Hinges (Plastic, for Aluminum Profiles)	QVX

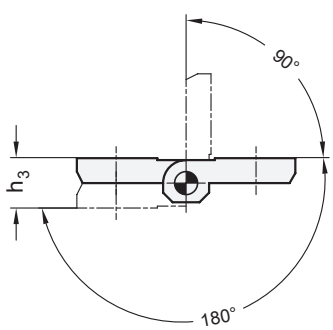
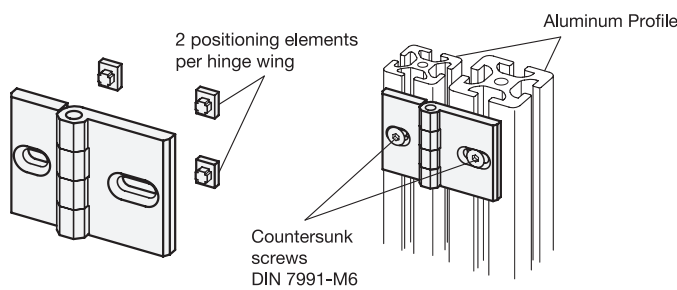
Technical Information	
Swivelling Range / Assembly Instruction and Application Example	QVX
Overview of Hinge Types	QVX
Load Rating Information of Metal Hinges	QVX
Overview of Standard Parts for Profile Systems	QVX
Stainless Steel Characteristics	QVX

Accessory	
GN 50b T-Nuts	QVX
GN 50i T-Nuts	QVX
GN 51b T-Slot Nuts	QVX

How to order		
1 **GN 161-68**	1	l_1

GN 161-57			GN 161-68			GN 161-80		
n Groove distance	m_1	m_2	n Groove distance	m_1	m_2	n Groove distance	m_1	m_2
33	16,5	16,5	37,5	16,5	21	42	21	21
34	16,5	17,5	38	16,5	21,5	42,5	21	21,5
35	16,5	18,5	39	16,5	22,5	43,5	21	22,5
35,5	16,5	19	40	16,5	23,5	44,5	21	23,5
36,5	16,5	20	42,5	16,5	26	47	21	26
35	17,5	17,5	44	16,5	27,5	48,5	21	27,5
36	17,5	18,5	47,5	16,5	31	52	21	31
36,5	17,5	19	38,5	17,5	21	43	21,5	21,5
37,5	17,5	20	39	17,5	21,5	44	21,5	22,5
37	18,5	18,5	40	17,5	22,5	45	21,5	23,5
37,5	18,5	19	41	17,5	23,5	47,5	21,5	26
38,5	18,5	20	43,5	17,5	26	49	21,5	27,5
38	19	19	45	17,5	27,5	52,5	21,5	31
39	19	20	48,5	17,5	31	45	22,5	22,5
40	20	20	39,5	18,5	21	46	22,5	23,5
-	-	-	40	18,5	21,5	48,5	22,5	26
-	-	-	41	18,5	22,5	50	22,5	27,5
-	-	-	42	18,5	23,5	53,5	22,5	31
-	-	-	44,5	18,5	26	47	23,5	23,5
-	-	-	46	18,5	27,5	49,5	23,5	26
-	-	-	49,5	18,5	31	51	23,5	27,5
-	-	-	40	19	21	54,5	23,5	31
-	-	-	40,5	19	21,5	52	26	26
-	-	-	41,5	19	22,5	53,5	26	27,5
-	-	-	42,5	19	23,5	57	26	31
-	-	-	45	19	26	55	27,5	27,5
-	-	-	46,5	19	27,5	58,5	27,5	31
-	-	-	50	19	31	62	31	31
-	-	-	41	20	21	-	-	-
-	-	-	41,5	20	21,5	-	-	-
-	-	-	43,5	20	23,5	-	-	-
-	-	-	46	20	26	-	-	-
-	-	-	47,5	20	27,5	-	-	-
-	-	-	51	20	31	-	-	-

Swiveling Range



Assembly Instruction and Application Example