GN 938 | Hinges
Zinc Die-Cast, for Panels (Door Panes)

3.1

3.2

3.3

3.4

3.5

3.6

3.7

3.8

3.9

3.10

JW WINCO®
A Ganter Company

Shim washers

Rubber inserts

Spacer sleeves

Bores for countersunk screw DIN 7991

Metric

Metric table

Dimensions in: millimeters - *inches*

l₁	l₂	s		d₁ −0.2	d₂	d₃	h₁	h₂	h₃	A/F
		Nominal size	Clamping range		Clamping screw	For screw				
92	60	4	4 … 8	13	M 6	M 6	9.5	9.5	17	T30
3.62	*2.36*	*0.16*	*0.16 … 0.31*	*0.512*			*0.37*	*0.37*	*0.67*	
122	90	8	8 … 12	16	M 8	M 8	13.5	13.5	25	T45
4.80	*3.54*	*0.31*	*0.31 … 0.47*	*0.630*			*0.53*	*0.53*	*0.98*	

Specification

• Body
  Zinc die-cast **ZD**
  Powder coated
  - Black, RAL 9005, textured finish ● **SW**
  - Silver, RAL 9006, textured finish ◐ **SR**
• Pin
  Stainless steel AISI 303
• Shim washers
  Stainless steel AISI 316L
• Clamping screws
  Stainless steel AISI 304
• Spacer sleeves
  Plastic
  Technopolymer (Polyamide PA)
• Rubber inserts
  Elastomer (TPE)
• *Load Rating Information ➔ page QVX*
• *Plastic Characteristics ➔ page QVX*
• *Stainless Steel Characteristics ➔ page QVX*
• RoHS

Accessory

• T-Nuts GN 938.1 ➔ *page XYZ*

On request

• Other colors

Information

Hinges GN 938 are used to fasten door panes, e.g. made of glass or plastic, so that they can rotate. They are designed to match the panel support clamp GN 939.

The panels (door panes) are clamped between the rubber inserts and additionally secured with spacer sleeves, forming a positive connection.

If the hinges are used with profile systems with 6, 8 or 10 mm slots, T-nuts GN 938.1 are available as mounting accessories. These make it easy to align the hinges and protect them from twisting.

The covers are supplied loose. They are slid on sideways after assembly and lock into place automatically.
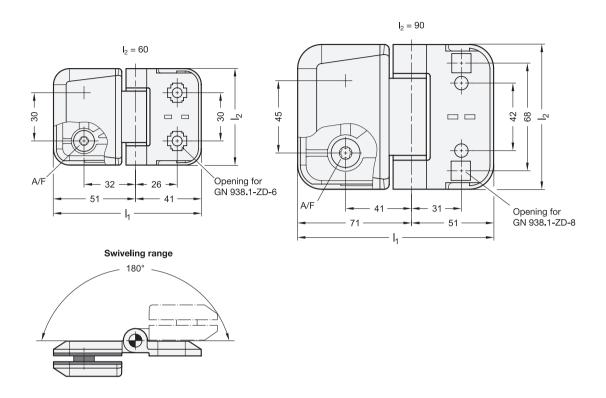
see also...

• *Product Family Standard Parts for Profile Systems ➔ page QVX*
• *List of Hinge Types ➔ page QVX*
• *T-Nuts GN 938.1 ➔ page QVX*
• *Panel Support Clamps GN 939 (Zinc Die-Cast, for Panels) ➔ page QVX*
• *Hinges EN 237.1 (Plastic, for Panels) ➔ page QVX*
• *Panel Support Clamp EN 649 (Plastic, for Panels) ➔ page QVX*
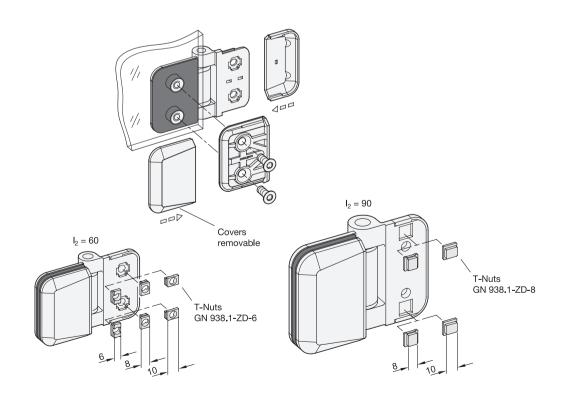
How to order

GN 938-ZD-122-90-8-SR

1	Material
2	Width l₁
3	Length l₂
4	s (Nominal size)
5	Finish

⚠ **WARNING**: Cancer and Reproductive Harm — www.P65Warnings.ca.gov |

JW WINCO®
A Ganter Company

$l_2 = 60$

$l_2 = 90$

30 / 30 / l_2

45 / 42 / 68 / l_2

A/F

A/F

32 / 26

41 / 31

51 / 41

71 / 51

l_1

l_1

Opening for
GN 938.1-ZD-6

Opening for
GN 938.1-ZD-8

Swiveling range

180°

Assembly Instructions

Covers
removable

$l_2 = 60$

$l_2 = 90$

T-Nuts
GN 938.1-ZD-6

T-Nuts
GN 938.1-ZD-8

6

8

10

8

10

⚠️ **WARNING**: Cancer and Reproductive Harm — www.P65Warnings.ca.gov   www.jwwinco.com | phone: 1-800-877-8351

Application Example

GN 939
Type **F** / **FB**

GN 939
Type **E** / **EB**

GN 938

GN 936

GN 939
Type **F** / **FB**

Hinges GN 938
T-Nuts GN 938.1 → *page XYZ*
Panel Support Clamps GN 939 → *page XYZ*

⚠ **WARNING**: Cancer and Reproductive Harm — www.P65Warnings.ca.gov | **2635**

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10