

GN 437

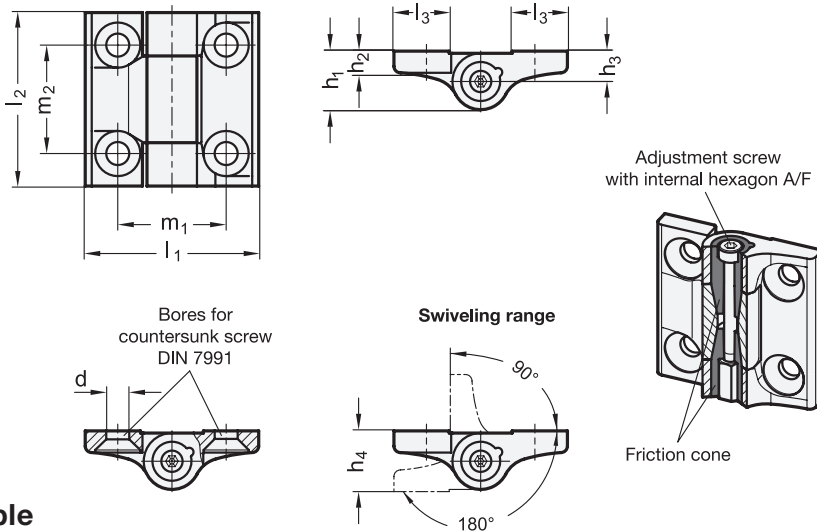
Zinc Die-Cast / Stainless Steel

Hinges

with Friction Adjustment



JW WINCO
A Ganter Company



SS Stainless Steel

4 Type

A 2x2 bores for countersunk screws

Metric table

Dimensions in: millimeters - inches

l ₁	l ₂	d	h ₁	h ₂	h ₃	h ₄	l ₃	m ₁	m ₂	A/F	Max. recommended tightening torque of the adjustment screw in Nm	Friction torque in Nm ≈	
												ZD	A4
40 1.57	40 1.57	5.3 0.21	13.5 0.53	5 0.20	7 0.28	14 0.55	13 0.51	25 0.98	25 0.98	2.5	0.5	2	3
50 1.97	50 1.97	6.5 0.26	15.5 0.61	6 0.24	8 0.31	16 0.63	16.5 0.65	30 1.18	30 1.18	3	0.75	4	4
60 2.36	60 2.36	8.3 0.33	18.5 0.73	7.5 0.30	9.5 0.37	19 0.75	20 0.79	36 1.42	36 1.42	4	1.5	6.5	6

Specification

- Body
 - Zinc die-cast **ZD**
 - Powder coated
 - Black, RAL 9005, textured finish **● SW**
 - Silver, RAL 9006, textured finish **● SR**
- Body
 - Stainless steel AISI 316 **A4**
 - Matte shot-blasted finish **GS**
- Friction cone
 - Plastic
 - Technopolymer (Polyacetal POM)
 - Black, RAL 9005
 - Temperature resistant up to 176 °F (80 °C)
- Adjustment screw
 - Steel, zinc plated, blue passivated finish (for ZD)
 - Stainless steel A4 (for A4)
- Hexagon nut
 - Steel, zinc plated, blue passivated finish (for ZD)
 - Stainless steel AISI 316 LHC (for A4)
- Load Rating Information
- Plastic Characteristics
- Stainless Steel Characteristics
- RoHS compliant

Accessory

- Spacer plates GN 2370

Information

The adjustment screw in GN 437 hinges allows the movement of the hinge to be constrained and adds a friction adjustment which controls the swiveling of doors and flaps to eliminate inadvertent movement. The friction is accomplished by interlocking two slim friction cones that can be adjusted as needed with the adjustment screw. The large friction surface and the low-wear plastic of the friction cones guarantee a long service life with only a slight drop in the friction torque. Due to the construction and the use of the friction cones, the hinge has hardly any radial play and no axial play at all. The stainless steel version is particularly suitable for use in aggressive environments.

see also...

- List of Hinge Types
- Hinges EN 233 (with Friction Adjustment)
- Hinges GN 437.1
- Lockable Hinges GN 437.2 (with Clamping Function)

How to order

GN 437-ZD-60-60-A-SR

- 1 Material
- 2 Width l₁
- 3 Length l₂
- 4 Type
- 5 Finish