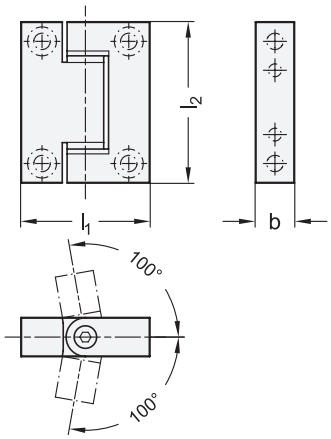
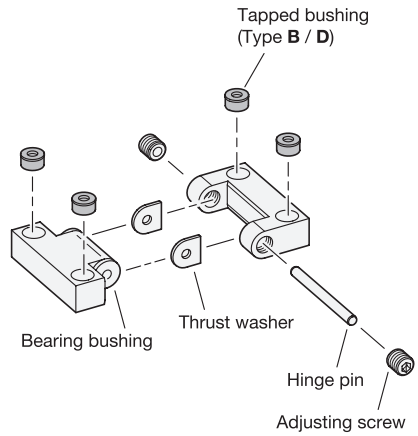
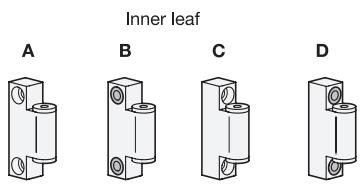
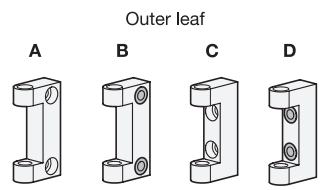
Precision Hinges

Hinge Leaf Aluminum, Bearing Bushings Bronze, Used as Joint









4 Inner leaf type

- **A** Tangential fastening with cylindrical recess
- **B** Tangential fastening with tapped bushings
- **C** Radial fastening with cylindrical recess
- **D** Radial fastening with tapped bushings

5 Outer leaf type

- **A** Tangential fastening with cylindrical recess
- **B** Tangential fastening with tapped bushings
- **C** Radial fastening with cylindrical recess
- **D** Radial fastening with tapped bushings

2 l_1	3 l_2	b
40	50	12
55	70	16
75	100	22

Specification

1

Hinge leafs
Aluminum
Anodized black ● ALS

Bearing bushings
Bronze

Hinge pin
Stainless steel AISI 420

Thrust washers
Stainless steel AISI 302

Adjusting screws
Stainless steel AISI 303
With thread locking
Complete nylon coating

Tapped bushings
Stainless steel AISI 303

RoHS

Precision hinges GN 7580 supply a pivoting movement to elements such as swing arms, spacers and clamping plates. The wear-resistant precision hinges feature low radial play and adjustable axial play.
A variety of installation situations can be covered by combining the various inner and outer leaves. Precise positioning can be achieved with dowel pins in the fit bores of the screw-on surfaces.
The bearing bushings and the tapped bushings of types B and D are supplied preassembled in the hinge leaves. The hinge pin, thrust washers and adjusting screws are packaged separately.

see also...	Page
GN 237.3 Heavy Duty Hinges (Stainless Steel)	QVX
GN 648.5 Ball Joint Heads with Internal Thread (Stainless Steel)	QVX
GN 648.6 Ball Joint Heads with Threaded Bolt (Stainless Steel)	QVX

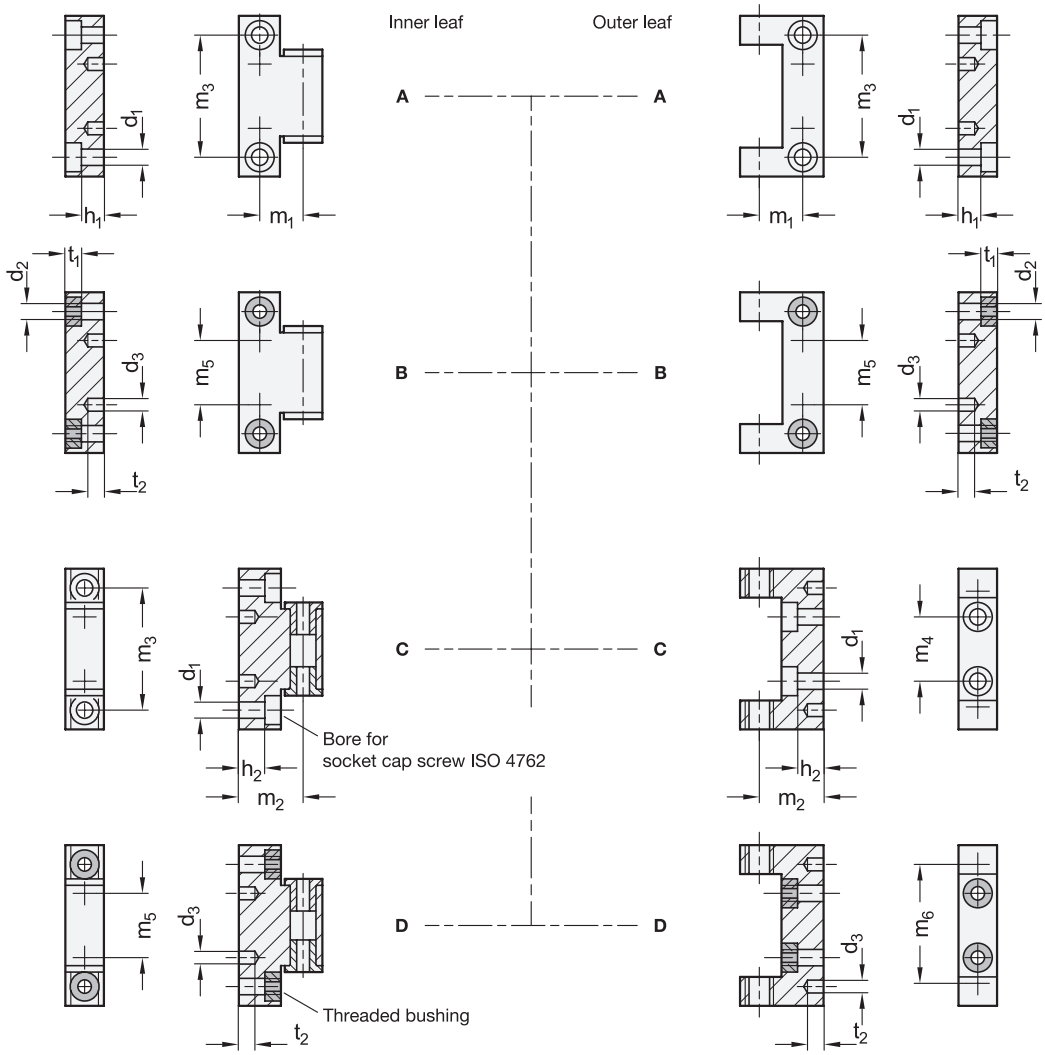
Technical Information

ISO Fundamental Tolerances	QVX
Stainless Steel Characteristics	QVX

How to order

1 2 3 4 5
GN 7580-ALS-55-70-A-C

1	Finish
2	l_1
3	l_2
4	Inner leaf type
5	Outer leaf type



[2] l_1	[3] l_2	d_1	d_2	d_3 H7	h_1	h_2	m_1	m_2	m_3	m_4	m_5	m_6	t_1	t_2
40	50	5,1	M 5	4	7	8,1	13,5	20	38	20	20	40	5	9
55	70	6,1	M 6	5	10	12,3	18	27,5	56	26	26	56	6	11
75	100	8,1	M 8	6	14	16,8	25	37,5	80	45	45	80	8	13

Assembly Instructions