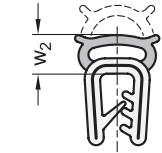
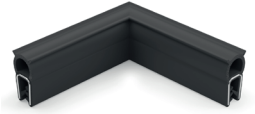
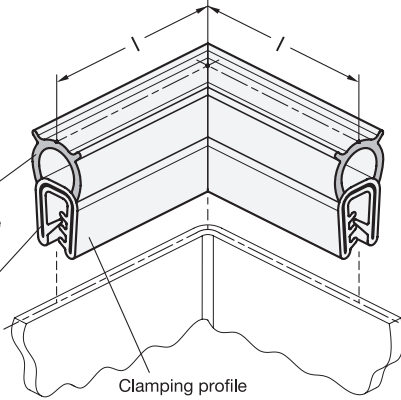


Type A

Metric



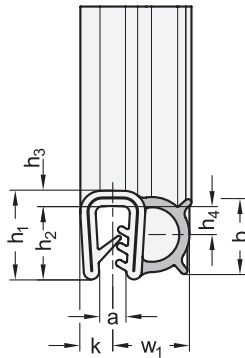
Upper seal profile
Clamp insert



3 Type

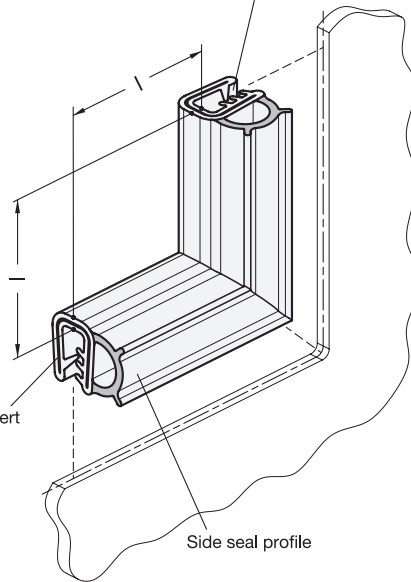
- A Upper seal profile
- D Side seal profile

Type D



Clamping profile

Clamp insert



Side seal profile

Metric table

2 4

Dimensions in: millimeters / inches

Type A										
h ₁	Length l					a Clamping range	b	h ₂	w ₁	w ₂ At up to 50 % permissible deformation
20.5 0.81	160 ±2 6.30 ±0.079	250 ±2.5 9.84 ±0.098	400 ±3.2 15.75 ±0.126	630 ±4 24.80 ±0.157		1 - 3.5 0.04 - 0.14	11 0.43	10.5 0.41	10 0.39	7 0.28

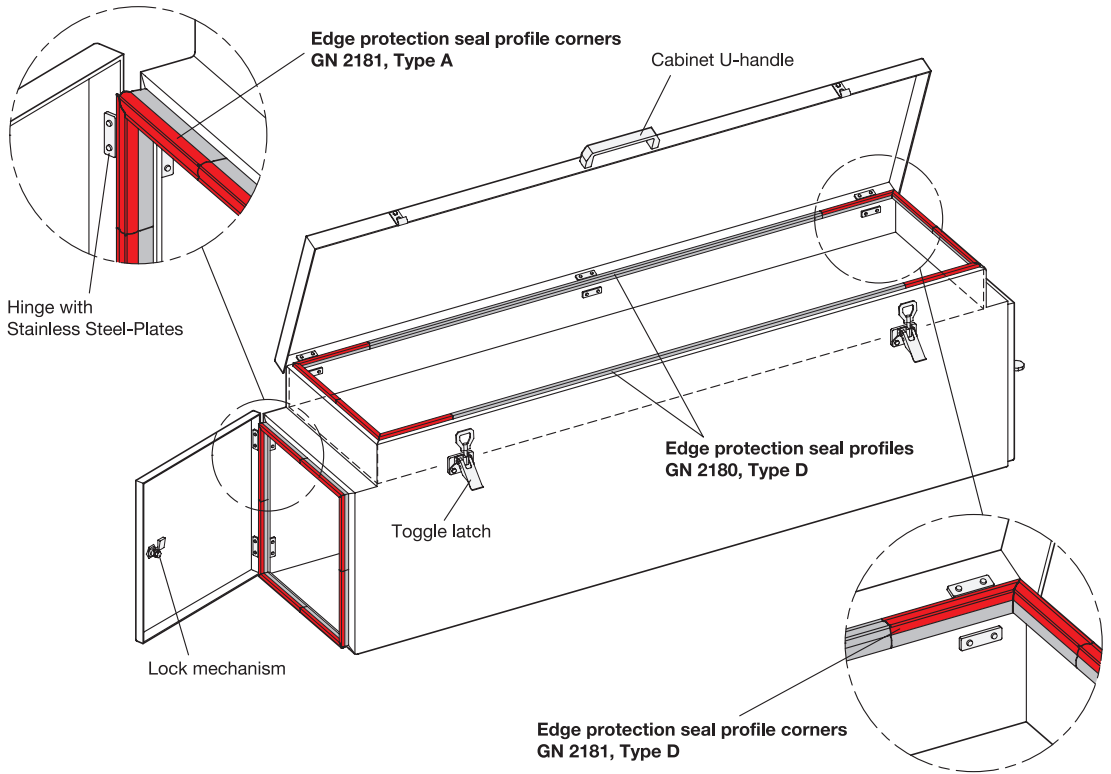
2 4

Type D													
h ₁	Length l					a Clamping range	b	h ₂	h ₃	h ₄	k	w ₁	w ₂ At up to 50 % permissible deformation
13 0.51	160 ±2 6.30 ±0.079	250 ±2.5 9.84 ±0.098	400 ±3.2 15.75 ±0.126	630 ±4 24.80 ±0.157		1 - 3.5 0.04 - 0.14	11 0.43	10.75 0.42	2.25 0.09	4.5 0.18	4.75 0.19	11.25 0.44	8.75 0.34

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10



Application Example



Specification

Clamping profile / sealing profile

- Ethylene propylene diene rubber **EPDM**
 - Black
 - Clamping profile hardness 65 ±5 Shore A
 - Sealing profile hardness 25 ±5 Shore A
 - Operating temperature from -40 °F to +212 °F (-40 °C to +100 °C)
- Acrylonitrile butadiene rubber **NBR**
 - Black
 - Clamping profile hardness 60 ±5 Shore A
 - Sealing profile hardness 25 ±5 Shore A
 - Operating temperature from -22 °F to +212 °F (-30 °C to +100 °C)

Clamp insert

Steel wire polyester clamping band

RoHS

On request

- Edge protection seal profile segments, vulcanized, e.g. in U or Z shape
- Edge protection seal profile frame, vulcanized, closed, e.g. in round or square shape

With edge protection seal profile corners GN 2181, right-angle sealing paths can be quickly and easily implemented without a minimum laying radius or manual „free-cutting“ of the profile. The corner joint is sealed and firmly adhered by vulcanization.

The leg length l can be shortened or extended with the corresponding profile of GN 2180. Installed “compressed” with an excess dimension of about 1% of the total length, the joints fit tightly and do not require adhesive.

During operation, the profile must experience deformation to dimension w₂ in order to ensure an optimal sealing effect.

The profiles made of NBR are intended for uses in contact with oils, fuels or lubricants.

The EPDM versions are made of UL 50 and UL 94-HB certified edge protector sealing profiles and are therefore approved for the US American and the Canadian market.

see also...

	Page
GN 2180 Edge Protection Seal Profiles	QVX
GN 2182 Edge Protection Seal Profiles	QVX
GN 2184 Edge Protection Profiles	QVX

Technical Information

Technical Information	QVX
Plastic Characteristics	QVX

How to order

1	Material
2	Height h₁
3	Type
4	Length l

GN 2181-NBR-20.5-A-400