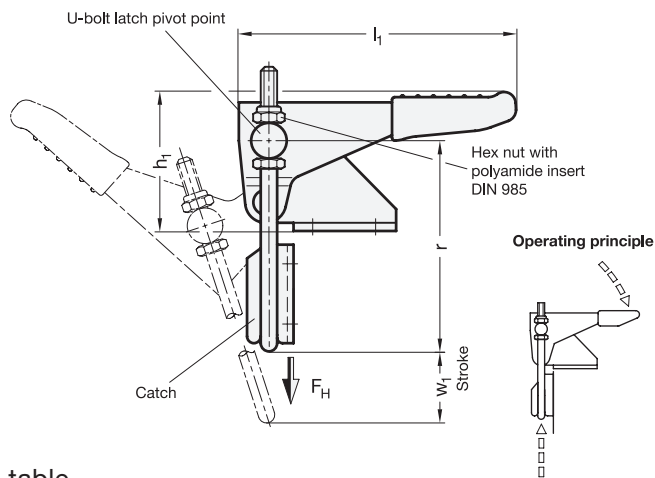




SS Stainless Steel

Type

- T3 With U-bolt latch, with catch
- T Without U-bolt latch, with catch

Metric table

Size	F _H Holding capacity	a ₁	a ₂	b ₁	b ₂	b ₃	b ₄	b ₅	d ₁	d ₂	h ₁ ≈	h ₂
160	1600 N 360 lbf	5 0.20	25 0.98	26 1.02	35 1.38	21 0.83	25.5 1.00	14 0.55	M 4	4.3 0.17	37 1.46	10 0.39
320	3200 N 719 lbf	8 0.31	37 1.46	36 1.42	44 1.73	32 1.26	37 1.46	22 0.87	M 6	6.5 0.26	54 2.13	15 0.59
700	7500 N 1686 lbf	13 0.51	45 1.77	52 2.05	54 2.13	38 1.50	48.5 1.91	26 1.02	M 8	8.5 0.33	67 2.64	23 0.91

Size	l ₁ ≈	l ₂ min.	m ₁	m ₂	m ₃	m ₄	m ₅	r ≈ at w ₂ = 0	s	w ₁ Stroke	w ₂ ≈ Adjustable range
160	68 2.68	4.5 0.18	22 0.87	6.5 0.26	13 0.51	6.7 0.26	14.3 0.56	52 2.05	2 0.08	32 1.26	10 0.39
320	106 4.17	6 0.24	25.5 1.00	8.5 0.33	19 0.75	10.5 0.41	20.5 0.81	78 3.07	3 0.12	53 2.09	21 0.83
700	147 5.79	8 0.31	36.5 1.44	10 0.39	32 1.26	13.5 0.53	27 1.06	102 4.02	3.5 0.14	64 2.52	25 0.98

Specification

Tensioning mechanism

- Steel
 - Sheet metal parts
 - Case-hardened steel C10
 - Zinc plated, blue passivated finish
 - U-Bolt latch
 - Steel St 37
 - Zinc plated, blue passivated finish
- Stainless steel
 - Sheet metal parts / U-Bolt latch AISI 304
 - Pin AISI 303
- Moving parts lubricated with special grease

Handle

Plastic
Red, oil resistant

RoHS

The stroke of the U-bolt latch of vertical latch type toggle clamps GN 851.1 can be adjusted within its range.

In the clamped position the U-bolt latch with clamping arm is perpendicular to the clamping arm and the plane of the operating handle.

In addition to the standard lengths of the U-bolt latches shown in the table, a variety of other lengths are also available under the GN 951.1 series.

Technical Information	Page
General Information on Toggle Clamps	QVX
Stainless Steel Characteristics	QVX

Accessory

GN 951.1 Square U-Bolts	QVX
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How to order (Steel)	1 Size
GN851.1-700-T3	2 Type

How to order (Stainless steel)	1 Size
GN851.1-160-T3-NI	2 Type
	3 Material

