

Shackles

Steel / Stainless Steel, Curved, Commercial Version (no Lifting)

SPECIFICATION

Type

- Type A: With stud bolt

Steel ST

- Forged
- Galvanically zinc plated

Stainless steel AISI 316 A4

Forged

INFORMATION

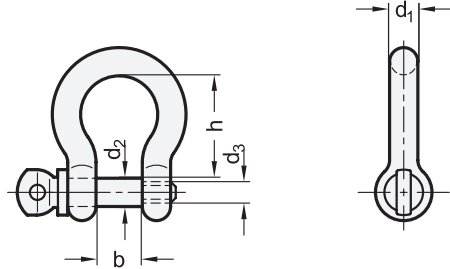
Shackles GN 585.1 are used to connect chains, ropes, straps, or belts to one another in a detachable manner or to secure them to appropriate fastening points. They are used, for example, for angle limiters, anti-loss devices, barriers, suspended signs, and splash guards, or as tensioning and bracing elements. Commercial version shackles must not be used for lifting operations within the meaning of the Machinery Regulation.

The curved shape allows a single shackle to hold multiple ropes or chains at the same time, as well as round tubes or rods.

The stainless steel version is suitable for use in particularly corrosive environments.

TECHNICAL INFORMATION

- Stainless Steel Characteristics (see page A26)



GN 585.1-ST

Description	$d_1 \approx$ Nominal size	$d_1 \approx$ Nominal size in inch	$b \approx$	$d_2 \approx$	d_3^*	$h \approx$	Static load capacity (approximate value)	
GN 585.1-5-A-ST	5	3/16	10	5	M 5	20	0.8 kN	20
GN 585.1-6-A-ST	6	1/4	12	6	M 6	24	1.0 kN	30
GN 585.1-8-A-ST	8	5/16	16	8	M 8	32	2.0 kN	70
GN 585.1-10-A-ST	10	3/8	20	10	M 10	40	3.2 kN	130
GN 585.1-11-A-ST	11	7/16	22	11	M 12	44	4.0 kN	180
GN 585.1-13-A-ST	13	1/2	24	13	M 12	48	5.0 kN	260
GN 585.1-14-A-ST	14	9/16	28	14	M 14	56	6.0 kN	350
GN 585.1-16-A-ST	16	5/8	32	16	M 16	64	8.0 kN	500
GN 585.1-19-A-ST	19	3/4	38	19	M 20	74	11.0 kN	800

* The screw bolt generally has the specified thread. Variances are possible, however.

GN 584.1-A4

STAINLESS STEEL

Description	$d_1 \approx$ Nominal size	$d_1 \approx$ Nominal size in inch	$b \approx$	$d_2 \approx$	d_3^*	$h \approx$	Static load capacity (approximate value)	
GN 584.1-5-A-A4	5	3/16	10	5	M 5	20	0.8 kN	20
GN 584.1-6-A-A4	6	1/4	12	6	M 6	24	1.0 kN	30
GN 584.1-8-A-A4	8	5/16	16	8	M 8	32	2.0 kN	70
GN 584.1-10-A-A4	10	3/8	20	10	M 10	40	3.2 kN	130
GN 584.1-13-A-A4	13	1/2	24	12	M 12	48	5.0 kN	240
GN 584.1-16-A-A4	16	5/8	32	16	M 16	64	8.0 kN	500
GN 584.1-19-A-A4	19	3/4	38	19	M 20	74	11.0 kN	800

* The screw bolt generally has the specified thread. Variances are possible, however.