

- 2 Type**
- A Without steel tape
 - F With steel tape

Metric table



Dimensions in: millimeters - inches

b	h ₁	h ₂	h ₃	h ₄	k ₁	k ₂	l ₁	l ₂	l ₃	Nominal load (WLL) in metric tons
66 2.60	79 3.11	65 2.56	40 1.57	25 0.98	14 0.55	38 1.50	33 1.30	33 1.30	71 2.80	1.5
77 3.03	91 3.58	75 2.95	47 1.85	28 1.10	16 0.63	45 1.77	40 1.57	38 1.50	80 3.15	2.5
87 3.43	101 3.98	83 3.27	52 2.05	31 1.22	16 0.63	51 2.01	46 1.81	42 1.65	91 3.58	4.0
115 4.53	141 5.55	117 4.61	73 2.87	44 1.73	22 0.87	67 2.64	60 2.36	61 2.40	126.5 4.98	6.7
129 5.08	153 6.02	126 4.96	71 2.80	55 2.17	26 1.02	67 2.64	60 2.36	75 2.95	135.5 5.33	10.0

Specification

- Ring
Steel
German Material No. 1.6541
- Forged
- High-strength tempered
- 100% electromagnetic tensile tested according to EN 1677
- Bright pink powder coated
- Weld-on block
Steel, S355J2+N (St52-3N)
- Forged, plain finish
- High-strength tempered
- 100% electromagnetic tensile tested according to EN 1677
- Retaining spring
Spring steel tape, rustproof
- RoHS compliant

Information

GN 587.1 weldable load rings are designed for quick mounting. They provide a high dynamic and static strength and can be loaded from any direction with approved safety (safety factor 4). The steel tape (type F) holds the ring in any position and dampens any noise caused by vibrations. All parts are permanently connected. The two support lugs improve the bearing load of the hooks and enhance the support effect of the ring, especially if the ring is side loaded or the lifting point is welded on an uneven workpiece. GN 587.1 load rings comply with Machinery Directive 2006/42/EG.

see also...

- *Lifting Points GN 589* → www.jwwinco.com
- *D-Shackles GN 584* → page 1600
- *Bow Shackles GN 585* → page 1601

<p>How to order</p> <p>GN587.1-115-F</p>	1	Width b
	2	Type



Dimensions in: metric tons

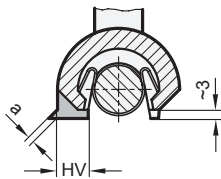
Mounting method	G ₁		2xG ₁		G ₂		2xG ₂		asymmetric	
	Quantity	Angle of inclination	Quantity	Angle of inclination	Quantity	Angle of inclination	Quantity	Angle of inclination	Quantity	Angle of inclination
66 2.60	1 0° 1	1 90° 1	2 0° 2	2 90° 2	2 0 to 45° 1.4	2 45 to 60° 1	2 asymmetric 1	3 and 4 0 to 45° 2.1	3 and 4 45 to 60° 1.5	3 and 4 asymmetric 1
77 3.03	1.50 t	1.50 t	3.00 t	3.00 t	2.10 t	1.50 t	1.50 t	3.15 t	2.25 t	1.50 t
87 3.43	2.50 t	2.50 t	5.00 t	5.00 t	3.50 t	2.50 t	2.50 t	5.25 t	3.75 t	2.50 t
115 4.53	4.00 t	4.00 t	8.00 t	8.00 t	5.60 t	4.00 t	4.00 t	8.40 t	6.00 t	4.00 t
129 5.08	6.70 t	6.70 t	13.40 t	13.40 t	9.50 t	6.70 t	6.70 t	14.00 t	10.00 t	6.70 t
	10.00 t	10.00 t	20.00 t	20.00 t	14.00 t	10.00 t	10.00 t	21.00 t	15.00 t	10.00 t

Safety notes

The load capacity table shows the maximum loads in metric tons.

The weld seam arrangement (HV) complies with the requirements of DIN 18800 - the closed seam prevents the formation of corrosion. Thus the load brackets can also be used outdoors.

Dimensions in: millimeters / metric tons



Load ring size b	Weld seam size	Length	Volume in cm ³
66 (1.5 t)	HV 5 + a 3	2 × 33	1.2
77 (2.5 t)	HV 7 + a 3	2 × 40	2.6
87 (4.0 t)	HV 8 + a 3	2 × 46	3.2
115 (6.7 t)	HV 12 + a 4	2 × 60	8.7
129 (10.0 t)	HV 16 + a 4	2 × 60	15.5

The welding must be carried out by a certified welder according to EN 287-1.

The specified load values apply at an operating temperature of -4 °F to +212 °F (-20 °C to +100 °C). Load bearing capacity at higher temperatures on request.

If the load rings are not used for lifting but only for lashing applications, the permissible load values are doubled.

The operating instruction contains further guidelines and is included with every load ring (see also at www.jwwinco.com/service).