

Increase safety & reduce risk with ICE-120.

RUD G120 Balancer

BENEFITS

- ✓ **300°C MAX**
Maximum operation temperature of the lifting point with percentage reduction of the working load limit.
- ✓ **4:1 Safety Factor**
Minimum 4:1 Safety factor.
- ✓ **RUD ID**
Equipped with RFID chip to make inspection and documentation easier.

Why Choose Cookes?

New Zealand's leader in ropes.

As the New Zealand brand of Bridon-Bekaert the Ropes Group, Cookes is a leader in the development, manufacturing, sales and testing and inspection of steel wire, synthetic fibre ropes & lubricants. Couple this with over 100 years of experience as the leading lifting & total service solutions provider to the Crane & Construction, Forestry, Fishing & Aquaculture, Engineering & Energy, Transport & Shipping and Agriculture & Horticulture sectors, and you have the countries leading industrial and commercial solutions partner.

ICE-Balancer

ICE-Balancers are designed for use with Grade 120 four legged chain sling assemblies (2x2 leg slings) to achieve equal load distribution across the four legs of the sling. The length tolerances of the single legs will be compensated.

You can calculate with 4 load bearing strands if the following criteria are fulfilled (DGUV-rule 109-017):

- ✓ Two 2-leg slings, one sling with a balancer.
- ✓ Both 2-leg slings will be attached to one hook (single or double crane hook).
- ✓ Symmetrical load spreading.
- ✓ Max. inclination angle β 45°

Contact

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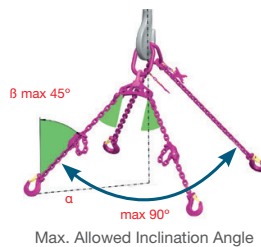
Chain Sling WLL.

ICE GRADE 120 - WORKING LOAD LIMITS (WLL) IN TONNES

Chain Ømm	Single Leg Slings		2 Leg			3 and 4 Leg (same ratings)		
	Straight / Adj. Sling	Reeved Sling	60°	90°	120°	60°	90°	120°
6	1.8	1.4	3	2.5	1.8	4.7	3.75	2.7
8	3	2.4	5.1	4.25	3	7.8	6.3	4.5
10	5	4	8.5	7	5	13	10.5	7.5
13	8	6.4	13.6	11.2	8	20.8	17	11.8
16	12.5	10	21.2	17	12.5	32.5	26.5	19
Load Factor >	1	0.8	1.7	1.4	1	2.6	2.1	1.5

Chain Ømm	2 Leg – Straight			4 Leg – Balancer	
	60°	90°	120°	$\alpha=30^\circ$ $\beta=15^\circ$	$\alpha=60^\circ$ $\beta=30^\circ$
6	3	2.5	1.8	6.9	6.2
8	5.1	4.25	3	11.6	10.4
10	8.5	7	5	19.3	17.3
13	13.6	11.2	8	30.9	27.7
16	21.2	17	12.5	48.2	43.3

When using two 2-leg slings with a symmetrical load distribution, one with a balancer, and both slings are attached into the same hook, four load bearing legs can be assumed. The inclination angle β must not exceed 45° (90° internal).



RUD ICE 4 Leg Balancer Slings

RUD ICE 4-leg balancer assemblies consist of two separate sling sub assemblies, Sling A and Sling B each with its own master link and identification tag.

Sling A is a conventional RUD ICE (2-leg) chain sling and may be used as such in general use application.

Sling B must only be used in conjunction with Sling A. In combination the 2 slings achieve a 4-leg assembly (specific use application) with 2 master links on a common hook for applications with a uniformly distributed load.

For conditions of use refer to User Instructions.

