

Thimble Clamp KK-100



IronGrip KK-100 – Complete wire rope loop in no time

- Quick and easy assembly that secures the wire rope even for lifting applications.
- New construction with hinged principle - fold together the halves to tighten the wire rope in the thimble clamp.
- Quick and easy assembly with few components: insert the wire rope, fold together the thimble clamp halves and tighten the two nuts. Finished!
- The combination of IronGrip's special S-curve and a friction-reducing thimble gives a high degree of efficiency in a single fastening.
- Designed for modern wire ropes - today's wire ropes can handle 40% more load than for a few decades ago, when the older generation of thimble clamp was developed.
- Full documentation of traceability, testing documentation and assembly instructions.

For fast and compact fastening of wire ropes

Virtually all assembly of wire ropes on-site is performed with thimble and wire clamps. Now there is an alternative solution, which radically simplifies assembly with lower costs, but with the same high level of safety - IronGrip's thimble clamp KK-100.

Compare the assembly of one thimble and two wire clamps with the assembly of IronGrip's thimble clamp KK-100. Instead of five parts to keep track of and numerous nuts to tighten, it is enough with two parts and just two nuts. It is quick and easy and the fastening take up less space on the wire rope. If, for example, we need to fasten 10 stays at both ends, it soon becomes obvious the amount of time saved.

Thimble clamps from IronGrip have been used for a long time to secure wire rope fastenings in a variety of applications. The new generation of KK-100 represents a significant improvement with increased efficiency, easier assembly and adaptation to modern wire ropes. Approved for lifting applications.

TECHNOLOGY – KK-100 has been developed with technology from IronGrip's new wire clamp BG-100 and the vast experience from previous generations of thimble clamps.

ASSEMBLY – The two-piece thimble clamps makes assembly easy. Insert the wire rope, bend and fold together the parts and tightening the nuts. A detailed assembly instruction is available.

CORROSION PROTECTION – Hot dip galvanizing provides significantly better corrosion protection than, e.g. zinc plating.

ECONOMY – IronGrip's thimble clamp provides good economics as you only need a single thimble clamp for each fastening. A shorter wire rope is needed, assembly is faster and the thimble clamp can be reused. Price/performance for IronGrip's thimble clamp is therefore extremely competitive.

SAFETY – The clamp secures the fastening according to applicable standards without damaging the wire rope. As the thimble is cast with the clamp the design produces an extra good grip on the wire rope.

QUALITY – KK-100 is manufactured with IronGrip's high quality standards according to ISO-9001 standards. Highest quality in design, materials and surface treatment ensure the safety of each thimble clamp from IronGrip.

APPLICATION – KK-100 is approved for lifting with wire ropes up to and including strength grade 1770 and 1960 N/mm² without extra wire clamps (see table below and mounting instruction for details).

TEKNISK INFORMATION:

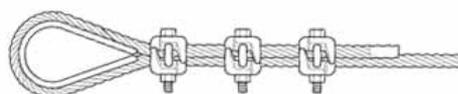
CASTINGS:	Cast steel GS-60
STRENGTH GRADE BOLTS:	8.8 according to ISO 3506
CORROSION PROTECTION JAWS:	Hot-dip galvanizing according to ISO 1461
CORROSION PROTECTION BOLTS:	Electro-galvanized according to ISO 2081, hot-dip galvanized or stainless steel available on request.
TEMPERATURE RANGE:	-50 - +150 °C

Thimble clamp	Wire rope diameter (mm)	Weight (kg/100)	No. of extra wire clamps for bracing	No. of extra wire clamps for lifting (1770 N/mm ² wire)	No. of extra wire clamps for lifting (1960 N/mm ² wire)
KK-600	5-6	16	0	0	0
KK-900	7-9,5	48	0	0	0
KK-1200	10-12,5	102	0	0	1
KK-1600	13-16,5	197	0	0	1
KK-M20*	17-20	370	0	1	1

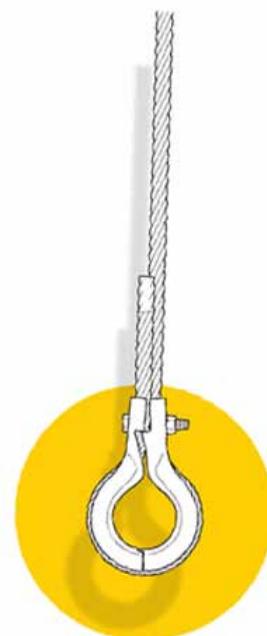
*This size is only available in KK-M

Note:

- For all assembly, it is important to follow the instructions for the thimble clamp.
- The recommendations above regarding load and number of thimble clamps applies provided that the wire rope is new and undamaged when the thimble clamp is attached.
- The thimble clamp should be retightened after a period of use.



A single thimble clamp holds the wire rope as well as a series of wire clamps and is much easier to assemble.



 **IRONGRIP™**
Reliably Engineered

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