

Operating instructions for round steel hooks for general lifting (based on the drawing)

General principles regarding the utilisation of lifting accessories and their components:

The operating instructions are to be stored together with the certificate and the EC declaration of conformity.

The falling of loads, caused by the failure and / or incorrect utilisation and handling of lifting equipment or its individual parts constitutes a direct risk to the life or health of the people who are present in the danger zone of lifting processes.

These operating instructions contain information with regard to the safe utilisation and handling of the lifting accessories and their components. Before using the lifting equipment, the assigned persons are to be briefed with regard to handling and utilisation by a qualified person.

The following principles apply:

- The Working Load Limit (WLL) (see label) of the lifting equipment must correspond to the load. The lifting equipment may not be used if the label is missing or is illegible.
- No danger areas (e.g. crushing points, cutting points, trapping or impact points) may occur that may hinder or endanger the person carrying out the slinging process and / or the transport.
- The base material and the constructive design of the load must be able to hold the applied forces without deformation.
- Stress that leads to a non-uniform load distribution, e.g. which is caused as a result of an off-centre introduction of force must be taken into account when selecting the lifting accessories and their components.
- In the event that extreme stress or strong dynamic strain (shock influences) may occur, this must be taken into account when selecting the lifting equipment and the Working Load Limit (WLL).
- The lifting equipment may not be used for the transportation of persons. No persons are ever permitted to remain present in the danger area of a suspended load.
- The lifting equipment may not come into contact with acids and other aggressive agents. Attention must also be paid to the fact that acid fumes may occur in certain production processes.
- Never make unauthorised amendments to the lifting equipment (e.g. grinding, welding, bending, and attachment of parts)!
- The lifting equipment may not be exposed to any forbidden manipulation of temperature.
- Only original spare parts may be used.
- The relevant additional regulations must be observed when transporting hazardous substances.
- Lifting accessories and their components must be stored in such a manner that they are protected against being damaged and do not cause any danger.
- If damaged, the lifting equipment must be immediately taken out of circulation and has to undergo maintenance work.
- When ready to be discarded, lifting equipment is to be correctly disposed of. Attention: Any substances present that are hazardous to the environment (e.g. greases and oils) are to be disposed of separately.

Sling gear must be checked for the following points before use:

- The sling gear must be approved for the present load capacity and type of use. Details can be found in the accompanying drawing.
- The permissible operating temperature is $-20 - + 100$ ° C. Deviations from this and restrictions are indicated in the accompanying drawing.
- The round steel hook must not be bent or excessively worn. It must be free of cracks, indentations and other imperfections.
- Original parts must always be used as spare parts and these must be installed professionally.

If one of the points does not apply, the sling gear should not be used for lifting work under any circumstances.

General assembly instructions:

- The load hook that is used must match the size of the retainer that is available.
- Avoid unstable states and diagonal pulling
- The round steel hook should only be attached to the retainer.
- The load must be pushed all the way onto the round steel hook. The centre of gravity should not be further from the rear flank than the dimension shown on the drawing (if present).
- The load should be carefully lifted and transported.
- The load should be put down so that it is stable. The round steel hook should only then be removed.

Inspection and maintenance:

On a regular basis before being used, lifting equipment is to be closely inspected with regard to correct utilisation and faultless condition (e.g. screw fit, absence of strong corrosion and deformation, etc.), for example by the person carrying out the slinging process. Defective lifting equipment may not be used. It has to be tested at least once a year by a qualified person whilst taking the relevant standards and trade association regulations (e.g. DGUV Regel 100-500) into account. Every three years lifting equipment must be tested by a qualified person using a proper testing device in order to check that the product is free of cracks. The user must observe the results of the risk assessment in accordance with the occupational safety directives. The re-testing period is shortened in the event that the products are exposed to critical operating conditions. Inspection records are to be kept.

The testing coefficient (EC-Machinery Directive 2006/42/EC point 4.4.1) is defined according to the Standard EN 13155.

Examples of round steel hooks:



Translation of the original operating instructions
In case of doubts or misunderstanding, the German version of the document is decisive.



EG-Konformitätserklärung der Fa. JDT

EG-Konformitätserklärung
 EC Conformity Declaration
 Déclaration de conformité CE
 EG-Conformitätsverklaring
 Declaración de conformidad CEE
 Dichiarazione di conformità CE
 EY-yhdenmukaisuustodistus
 EF-Överensstemmelseerklaring
 EG-Konformitetsförklaring
 Deklaracja zgodności WE

Im Sinne der EG Richtlinie Maschinen 2006/42 EG und weiter ergänzender Richtlinien.
 As defined by the EC Guideline Machines 2006/42 EC and other complementary guidelines.
 Dans le sens des directives CE Machines 2006/42 CE et des directives complémentaires.
 Overeenkomstig de EG-richtlijn Machines 2006/42 EG en verdere aanvullende richtlijnen.
 Conforme a la Directiva CE de Máquinas 2006/42 CE y otras Directivas suplementarias.
 Ai sensi della direttiva CE sulle macchine 2006/42 CE e altre direttive integrative.
 Koneista annettun EY-direktiivin 2006/42 EY ja muiden lisädirektiivien tarkoittamassa mielessä.
 I överensstemmelse med EF-retningslinje maskiner 2006/42 EF og videre supplerende retningslinjer.
 I enlighet med EG : s Maskindirektiv 2006/42 EG samt vidare kompletterande direktiv.
 W rozumieniu dyrektywy maszynowej WE 2006/42/WE oraz uzupełniających dyrektyw.

Der Unterzeichnende, bevollmächtigt von der/The undersigned, empowered by/Le soussigné, mandataire de/De ondergetekende, gemachtigde van de firma/
 El suscrito, autorizado por la/lí sottoscritto, delegato dalla/Allekirjoittanut, yhtiön/Den undertegnede, befuldmægtiget af/förklarar undertecknad, bemyndigad av
 Nijzej podpisany, upoważniony przez

J.D. Theile GmbH & Co. KG, Postfach 18 29, D-58213 Schwerte

erklärt, dass das (die) urseilig bezeichnete(n) Anschlagmittel in der von uns in Verkehr gebrachten Ausführung bei bestimmungsgemäßer Benutzung mit den grundlegenden Sicherheits- und Gesundheitsanforderungen übereinstimmen.
 declares that sling gear, listed overleaf, conform in its marketed design with the requisite basic safety and health requirement, provided they are used in accordance with their intended purpose.
 déclare que le matériel de levage décrit au verso et employé conformément aux prescriptions, dans l'exécution mise en circulation par nos soins, est conforme aux exigences fondamentales de sécurité et de santé.
 verklaart dat de op de achterzijde aangegeven aanslagmiddelen in de door ons in het verkeer gebrachte uitvoering bij doelmatig gebruik met de principiële eisen omtrent veiligheid en gezondheid overeenstemmen.
 declara que el/(os) dispositivo(s) de suspensión mencionado(s) al dorso en la forma lanzada al mercado concuerdan con los requerimientos básicos impuestos a la seguridad y a la salud bajo la condición de una aplicación de acuerdo con los fines previstos.
 dichiara che il/(i) dispositivo(i) di arresto definito(i) a tergo, nel modello da noi distribuito, se usato(i) nel modo dovuto risponde (rispondono) ai requisiti basilari di sicurezza e sanità.
 valtuuttamana vakuuttaa, että kääntöpuolella mainittu/tut kiinnitysväline/et myyntiin tuomassamme muodossa ja sitä/niitä asianmukaisesti käytettynä ovat perustavanlaatuisen turvallisuus- ja terveysvaatimusten kanssa yhdenmukaisia.
 erklærer, at det (de) omstændige sids opførde anslagmiddel (-midler) i den udførelse, som vi har givet den ud, ved bestemmelsens benyttelse stemmer overens med de grundlæggende sikkerheds- og sundhedskrav.
 att det (de) på omstående sida uppförda anslagmedlet (-medlen) i det av oss sålida utförandet vid ändamålsenlig användning överensstämmer med de grundläggande kraven beträffande säkerhet och hälsa.
 oświadcza, że wymienione na odwrocie środki mocowania w wersji wprowadzonej przez nas na rynek są zgodne z zasadniczymi wymogami dotyczącymi bezpieczeństwa i ochrony zdrowia w przypadku zastosowania zgodnego z przeznaczeniem.

EG-Richtlinien EC Guidelines Directives CE EG-richtlijnen Directivas CEE Direttive CE EY-direktiivit EF-retningslinier EG-Direktiv Dyrektywy EG	EG Richtlinien Maschinen geändert durch EC Guideline for Machines amended by Directives CE Machines modifiées en EG-richtlijn machines gewijzigd door Directiva CEE "Maquinas" modificada por Direttive CE sulle macchine cambiate con Koneista annettu EY-direktiivi muuttetu direktiivillä EF retningslinje maskiner forandret gennem EG:s Maskindirektiv ändrat genom Dyrektywy maszynowe EG zmienione w drodze	2006/42 EG	Harmonisierte Normen Harmonized standards Normes harmonisées Overeenkomstige normen Normas armonizadas Norme armonizzate Harmonisoidut standardit Harmoniserade normer Harmoniserade standarder Normy zharmonizowane	EN 818-1 EN 818-2 EN 818-3 EN 818-4 EN 818-5 EN 818-6 EN 818-7 EN 12100 EN 1677-1 EN 1677-2 EN 1677-3 EN 1677-4 EN 1677-5 EN 1677-6 EN 13155 EN 13889
Angewendete nationale Normen / Applied national standards Normes nationales appliquées Toegepaste nationale normen Normas nacionales aplicadas Norme nazionali applicate Sovelletut kansalliset standardit Brugte nationale normer Nationale normer som tillämpats Stosowane normy krajowe	DIN 685-2 DIN 685-3 DIN 685-4 DIN 685-5	DIN 5688-1 DIN 5688-3 DIN 5692	DIN 5687-1 PAS 1081	DIN 695 DIN 32891

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 Leitung Qualitätswesen

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UKCA Declaration of Conformity

The undersigned, empowered by

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declares that sling gear, listed overleaf and marked with UKCA, conform in its marketed design with the requisite basic safety and health requirement, provided they are used in accordance with their intended purpose.

Applicable standards :

UK Guideline Supply of Machinery (Safety) regulation 2008
 BS EN 818-1 - BS EN 818-7
 BS EN 1677-1 - BS EN 1677-6
 BS EN ISO 12100 / BS EN 13155 / BS EN 13889

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