
	<p><b>OPERATING INSTRUCTION:</b> Riggingscrews for lashing and lifting</p>	
	<p><b>CONFORMITY</b> In accordance with Directive 2006/42EC. CERTEX A/S assures that the equipment supplied is in accordance with Danish Standard DS. If the customer makes any kind of modifications, or if the customer combines the product with a non-compliant product / component assumes CERTEX A/S is not responsible for the product.</p>	<p>BA11.50VASUK18.10.18</p>
<p><b>INFORMATION</b></p> <p>According to the Labour Inspection Authorization No. 2.3.0.4 "Anhugning" the staff to use lifting equipment must be instructed in the proper execution of work. The instruction must be in accordance with this authorization and shall also include the specific actions required by each lifting job. Before the equipment goes into service, this manual should be read thoroughly. The information is intended as a means to achieve the safe use of equipment. User manual contains important information about how equipment is operating safely and properly. Is the equipment used in accordance with these instructions, hazards and damage can be avoided. Anyone using the equipment must read and act in accordance with the instructions. Furthermore, we refer also to national rules and regulations.</p> <p><b>IMPORTANT! WLL must not be exceeded and label instructions must be followed.</b></p>		

**Before use:**

Read carefully this guidance for safe use of riggingscrews for lashing and lifting.

1. The user is obliged to keep a valid Test Certificate for any rigging-screw being used in a lifting operation.
2. Before use each riggingscrew should be inspected to ensure that:
  - all markings in the product are readable and in compliance with the relevant Test Certificate.
  - the components are assembled in correct way.
  - body and end terminals shall not be distorted or unduly worn.
  - Body and terminals are free from nicks, cracks, grooves and corrosion.

If there is any doubt with regards to the above criteria being met, the riggingscrew should not be used.

3. Before putting load on it is important to ensure that the terminals are safely locked.

All threads in the ends of the body must be fully engaged with the terminal threads, and safety locked with the stop nuts.

4. Turnbuckles should be fitted to the load in a manner that allows the turnbuckle to take the load in a true line along its centreline to avoid undue bending stresses which will reduce the load capacity of the turnbuckle. To avoid eccentric loading of the shackle it is recommended to distribute the load as far as possible over the total length of the pin or to use loose spacers.

5. Temperature range: -20°C - +200°C.

Never try to reduce the inside with of a terminals by pressing on the side eyes or welding washers / spacers to the inside of the eyes – such action makes the Test Certificate invalid.

**Disclaimer**

CERTEX A/S reserves the right to modify product design, materials, specifications or instructions without prior notice and without obligation to others.

***Lifting accessories must be inspected at least once a month and must undergo a complete overhaul at least every 12 month.***

**Galvanized rigging screws**

Threads	WLL 5:1 T	Load limit	Max. Length mm
M6	-	0,20	255
M8	-	0,32	295
M10	0,5*	0,56	315
M12	0,7*	0,7	470
M16	1,2*	1,2	565
M20	1,5*	1,5	660
M22	2,2	-	730
M24	3,2	-	805
1.1/4"	4,8	-	970
1.1/2"	6,0	-	1.060
1.3/4"	8,0	-	1.050
2"	10	-	1.110

\* Important: We only make certificates for the rigging screws which are individual tested and numbered.

**Powertex rigging screws**

Thread	WLL 5:1 T	Load limit	Max. Length mm
M6	-	0,20	255
M8	-	0,32	285
M10	0,5	-	335
M12	0,7	-	470
M16	1,2	-	565
M20	1,5	-	660
M22	2,2	-	720
M24	3,2	-	800
M33	4,8	-	970
M39	6,0	-	1.060
M45	8,5	-	1.050
M52	11,0	-	1.100
M56	15	-	1.410
M64	25	-	1.820

**Galvanized alloy rigging screws**

Threads	WLL 5:1 T
M20	2,5
M24	5,0
1.1/4"	7,0
1.1/2"	10,0
1.3/4"	13,0
2"	17,0
2 1/2"	27,2
2 3/4"	34,0



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