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Original

User Manual English

User Manual for G80 Hooks with Safety Latch

With Fork, Eye, or Swivel.

(Produced acc. to EN 1677.1-3)

Anyone who uses lifting applications and lifting equipment must have the required training and knowledge for safe use. The user must also be able to understand the dangers associated with the use of the equipment. Maintenance and control of the equipment should be conducted at a minimum once a year by a certified organization.

Hooks included in this user manual:

FORK HOOK WITH SAFETY LATCH EN 1677-2, TYPE EK-12

ITEM NO	FOR CHAIN DIA	INNER HEIGTH	GAP OPENING LATCH	WLL TONS	CA KG/PIECE
903206	6 MM	76	26	1,12	0,32
903208	7+8 MM	85,5	29	2,0	0,52
903210	10 MM	104	39	3,15	1,05
903213	13 MM	128	47	5,3	2,00
903216	16 MM	150	55	8,00	3,70

TYPE EK-12

EYE HOOK WITH SAFETY LATCH EN 1677-2, TYPE EK-13

ITEM NO	CHAIN DIA	TOTAL HEIGTH	GAP OPENING LATCH	WLL TONS	KG/PIECE
903306	6 MM	108	24	1,12	0,3
903308	7+8 MM	133	30	2,0	0,4
903310	10 MM	167	34	3,15	0,9
903313	13 MM	213	39	5,3	1,9
903316	16 MM	255	46	8	2,9
903320	20 MM	304	48	12,5	5,7
903322	22 MM	348	71	15,0	9,2
903326	26 MM	394	81	21,2	13,0
903332	32 MM	480	102	31,5	20,0

TYPE EK-13

HOOK WITH SAFETY LATCH AND SWIVEL, EK-788

ITEM NO	DIA	LOADING HEIGTH	GAP OPENING AT LATCH	WLL TONS	KG/PIECE
900206	6 MM	138	24	1,12	0,65
900208	7+8 MM	170	28,5	2	0,95
900210	10 MM	207	31	3,15	1,71
900213	13 MM	248	40	5,3	3,13
900216	16 MM	295	45	8	5,44

TYPE EK-788

Check before use:

1. The hook must be marked with the manufacturer, size, material quality (8) and batch number (ID-code). When the hook is used separately, this must also have CE marking.
2. The hooks must not have visible deformations, nicks, cracks, or corrosion that impair its properties.
3. Check that the locking mechanism is working properly.
4. Check hook opening for any signs of overload.
5. Check whether the hook has heat damage or welding spatter.
6. Check that the hooks are not deformed or worn sideways.
7. Wear, cuts or wounds that do not exceed more than 10% of the diameter can be accepted.

NB! If one can identify/demonstrate any of the above points 1-7 in "check before use", the hook must be taken out of production and checked by an expert company or discarded!

To ensure safe use:

- Never stand under suspended loads.
- Avoid shock and jerk loads.
- Avoid contact with acids or caustic bags.
- The maximum permissible workload must never be exceeded.
- Hooks must NEVER be used for lifting with only the hook tip. All cargo must be anchored in the bow at the bottom of the hook. If the hook is loaded incorrectly, this can lead to deformation or danger of accidents (see pictures).
- All hooks for lifting must have hook locks that prevent the load from coming loose.
- If hooks do not have a locking lip that works, or are missing, it must be repaired/replaced before use.
- On multi-part lifting equipment, the hook tip must always point outwards when crouching.
- Do not use hooks in temperatures above +250 C° or below -40 C°.

CORRECT

WRONG

Maintenance and control after use

- It is never permitted to heat treat hooks!
- The locking mechanism / locking lip must be lubricated at regular intervals depending on the user environment and how often they are used.
- After use, the hooks must be checked for damage, wear, or deformation.
- If this is discovered, the hook must be marked with the disposal color white and replaced with a new one.