

PRODUCT SAFETY BULLETIN FOR CHAIN SLINGS

THIS BULLETIN CONTAINS IMPORTANT SAFETY WARNINGS AND DANGERS.



INSPECTION AND MAINTENANCE

PART B

■ CONTINUOUS MAINTENANCE:

Chain and fittings must be withdrawn from service if any damage is noticed.

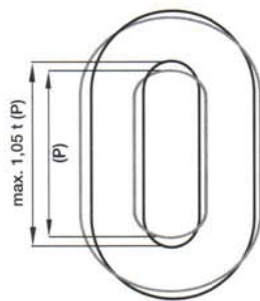
■ MAINTENANCE:

Keep a record on all chain slings. Depending on the use of the slings, they should be inspected regularly in accordance with national regulations (ASME B.30.9).

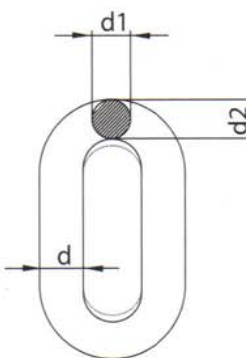
■ INSPECTION PROCEDURE:

Each link and each attachment shall be examined individually, taking care to expose inner link surfaces of the chain and attachments.

Pitch (p) stretched due to elongation (overloading)



Pitch (p) increased due to wear

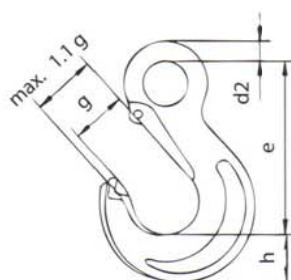


■ VISUAL INSPECTION:

Check for wear, nicks, cracks, breaks, gouges, stretch, bends, weld splatter, discoloration from excessive heat and throat opening of hooks.

■ MEASURING:

The medium link thickness must not be reduced by more than 10% of the nominal diameter on any part of the chain. The elongation of the chain should not exceed 5% at any point.



Hook bent open



To be removed whenever a deformation is noticed

■ SLING REPAIRS:

Slings shall be repaired only by the sling manufacturer or by a qualified person. Repairs are to be performed in accordance with ASME B30, Section 9-1.9.5

Designation	Dimension	Max. Tolerance
Chain and master rings	dm p	- 10% + 5%
HS, HSK, LH, F, PS, P, KHS, KLH, KF, KP, XK, KO	e d2 and h g	+ 5% - 10% + 10%
C, CL, CK, CAR	e c (same as d2)	+ 5% - 10%
BW	e angle	+ 5% ≥ 90°

To be removed whenever $dm = \frac{d1 + d2}{2} \leq 0.9 d$

Cracked, broken or bent chain links or components shall NOT be repaired. Instead these shall be replaced.

WARNING