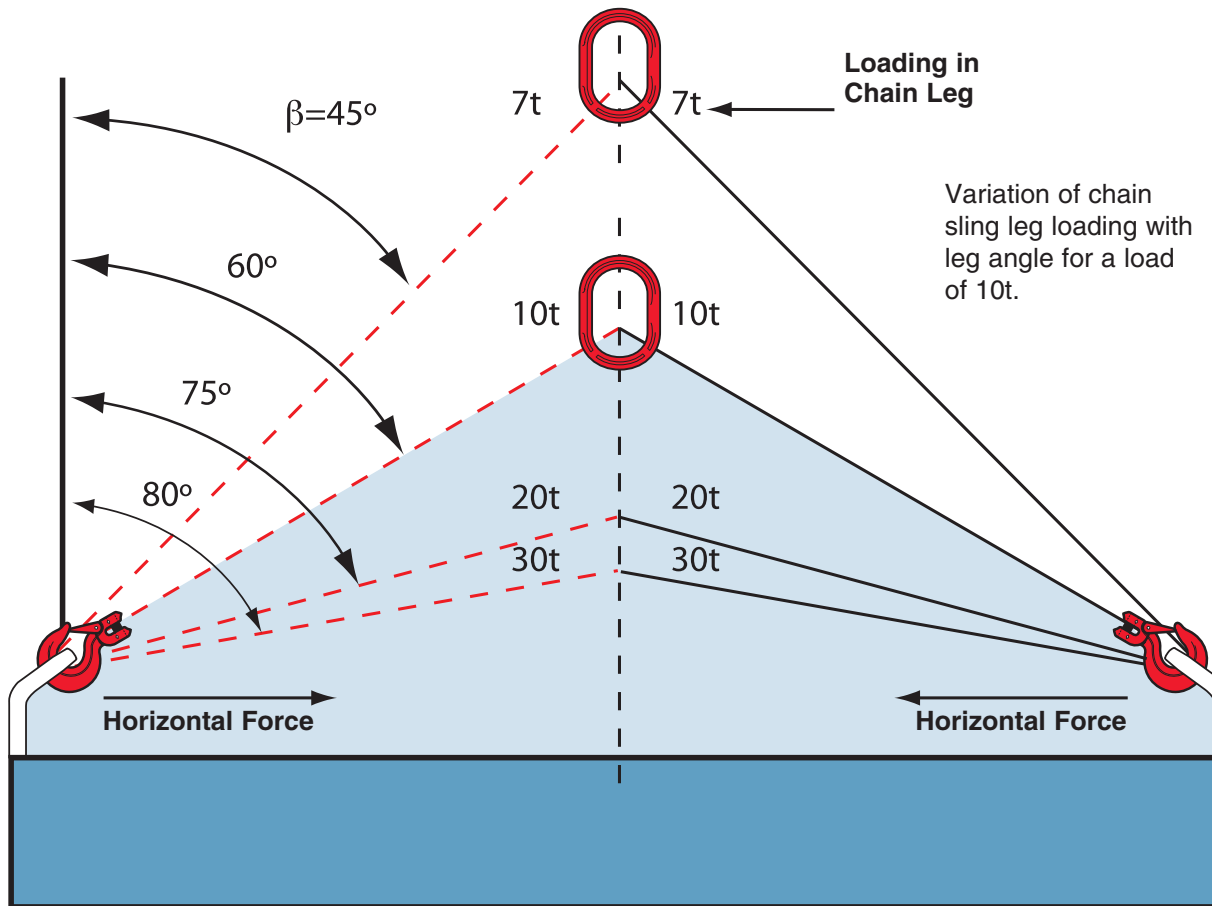


Chain Slings

Restrictions on the angle of use



All multi-leg chain slings exert a horizontal component of force, which increases as the included angle becomes greater.

No chain sling should be used if the angle from the vertical exceeds 60° , as beyond this point the forces in the legs drastically increase.

DO NOT USE MULTI-LEG CHAIN SLINGS AT ANGLES WITHIN THE SHADED AREA.

Angles of less than 15° should also be avoided as these can lead to the load becoming unstable.

Further Advice and Information

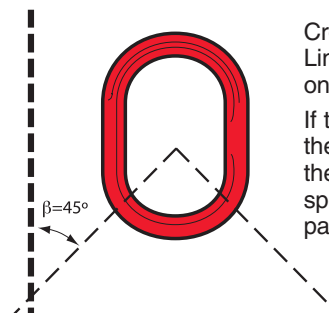
For further advice on any lifting problems, consult first with your Crosby KUPLEX distributor, who is fully qualified to advise on all aspects of lifting, as well as providing all the necessary equipment and services.

All the advice and information contained in this publication is in line with recognised European and International Standards and Codes of Practice.

A Code of Practice for the Safe Use of Lifting Equipment is available from the Lifting Equipment Engineers Association.



Lifting Equipment Engineers Association
3, Osprey Court, Kingfisher Way, Hinchingsbrooke
Business Park, Huntingdon, Cambs. PE29 6FN UK
Telephone: + 44 (0) 1480 432801



Crosby KUPLEX 8+10 Master Links have an angle guide forged onto them.

If the sling angles are on or inside the guidelines the sling is within the angle range $0^\circ < \beta \leq 45^\circ$, as specified in the load chart on page 423.

Further References

- BS EN 818 Parts 1, 2, 4 and 6 Short Link Chain for Lifting Purposes - Safety
- BS EN 1677 Components for Slings - Safety
- BS 6166 Part 3 Lifting Slings Guide to Selection and Safe Use
- ISO 3056 Use and Maintenance of Non-calibrated Lifting Chain and Chain Slings
- ISO 7593 Chain Slings Assembled by Methods Other Than Welding - Grade T(8)
- ISO 8539 Forged Steel Lifting Components for use with Grade T(8) Chain
- ISO 12480-1 Planning and Management of Lifting Operations and Safe Systems of Working