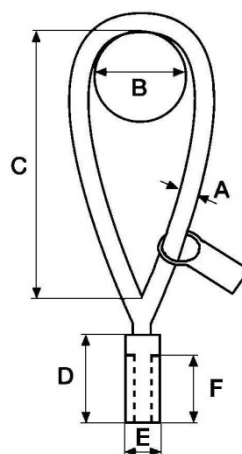
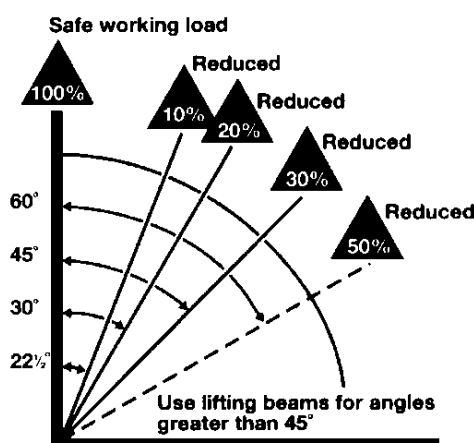


EKC LIFTING LOOP

Re-usable EKC lifting loops are manufactured from wire rope held in a steel ferrule to which a standard isometric external thread is added, to mate with the steel sockets or inserts.

Each lifting loop is tested to twice its working load and is certified. Identification tags on the loops indicate the safe working load and carry the test certificate number and CE mark. All loops supplied comply with "The Supply of Machinery (Safety) Regulations – 1st January 1995.



Your attention is drawn to the load diagram above. It illustrates the degree to which angled lift can affect safe working loads. Load distribution basins are recommended to be used for angles up to 45° (available on request).

It is essential that the thread on the lifting loop be fully engaged into the socket prior to lifting (Dimension F).

When multipoint lifting is required to an angle greater than that shown on the load diagram table, EKC recommends the use of a spreader beam to ensure that the load is equalised. Ensure a crane hook is used which is compatible with the size of the eye in the EKC loop. Do not use hooks or pins smaller than recommended, as this will reduce the safe working load and the life of the loop.

Size	Code	Safe Working Load (kN)	A Rope Dia. (mm)	B Pin Dia. Min. (mm)	C Inside Length (mm)	D Length of Ferrule (mm)	E Dia. Of Ferrule (mm)	F Length of Thread (mm)
M12	481200	5	6	30	130	30	12	23
M16	481600	12	8	40	115	38	16	25
M20	482000	20	9.3	47	160	47	20	38
M24	482400	25	11	55	205	53	24	43
M30	483000	40	14	70	230	65	30	55
M36	483600	63	16	80	245	80	36	60

The safe working loads recommended by EKC are obtained on the minimum breaking load of the wire rope as specified in BS1290: 1983