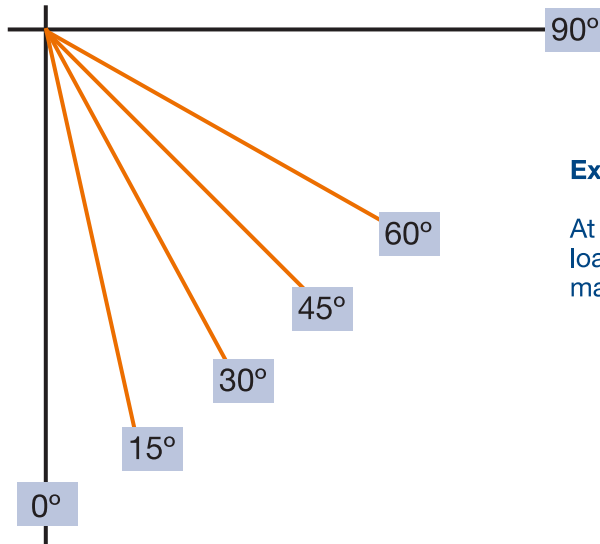


EFFECT ON SWL OF HANGING OBJECTS AT AN ANGLE

The load rating for a Gripple hanger is based on the suspension being hung vertically. If the wire rope is suspended at an angle, an additional sideways load is applied which reduces the capacity of the suspension. The net effect is shown on the table below:



Example:

At an angle of 60° to the vertical, the working load must be reduced by 50% in order to maintain a safety factor of 5:1

Maximum SWL at an angle from vertical (in kg)					
Gripple Hanger	0°	15°	30°	45°	60°
No.1	10	9	8	7	5
No.2	45	43	38	31	22
No.3	90	86	77	63	45
No.4	225	217	194	159	112
No.5	325	313	281	229	162
Load %	100%	96%	86%	70%	50%

EFFECT ON SWL OF FORMING IN-LINE JOINTS

When using a Gripple to form an in-line joint, or as an end-stop, the SWL is reduced by 55%, and so the following ratings should be applied

Maximum SWL for in-line joints (in kg)		
Size	Standard	55% reduction
No.1	10	4.5
No.2	45	20.25
No.3	90	40.5
No.4	225	101.25
No.5	325	146.25