LOADSHACKLE / DIMENSION REQUEST SHEET

Custom joint and sensing-pin dimension sheet

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A dimension-collection sheet, not a manufacturing drawing. Unknown shear-plane references must remain unresolved until engineering review.

Existing drawing reference

Company / project: _____

Drawing number and revision: _____

Application: [clevis / sheave / existing shackle / cylinder / other]

Requested load and quantity: _____

Record all dimensions in one stated system: [mm / inch].

Five reference dimensions

D - Pin diameter and mating hole fit: _____

L - Loaded support span from existing joint drawing: _____

A - Centre tongue / bobbin contact width: _____

B - Thickness of each outer support lug: _____

C - Existing shear-plane / groove reference, IF KNOWN: _____

C is an engineering datum, not a number to estimate from WLL. Attach the existing drawing or leave it unresolved.

Datum, tolerance and side-clearance notes: _____

Retention / anti-rotation arrangement and cable exit space: ___

Review boundaries

Requested material, corrosion exposure and temperature: _____

Signal, power, readout and connector needs: _____

For mechanical releases, state manual/pneumatic/hydraulic actuation and the intended release condition instead of assuming an electrical sensor is included.

Do not alter a bobbin or load-bearing part to force a fit. The complete joint, sensing arrangement and calibration setup must be agreed on an approved drawing before manufacture.