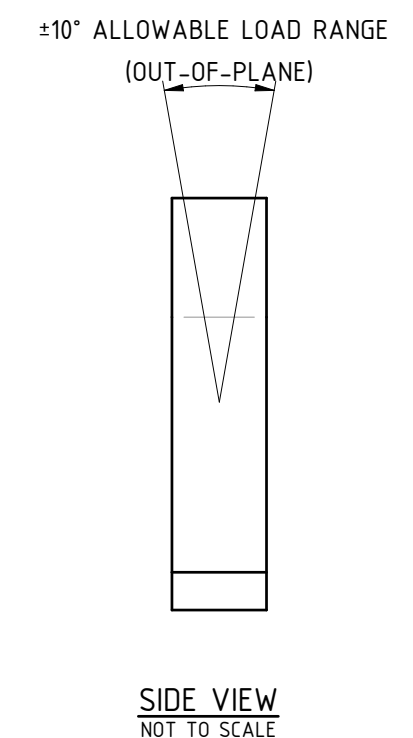
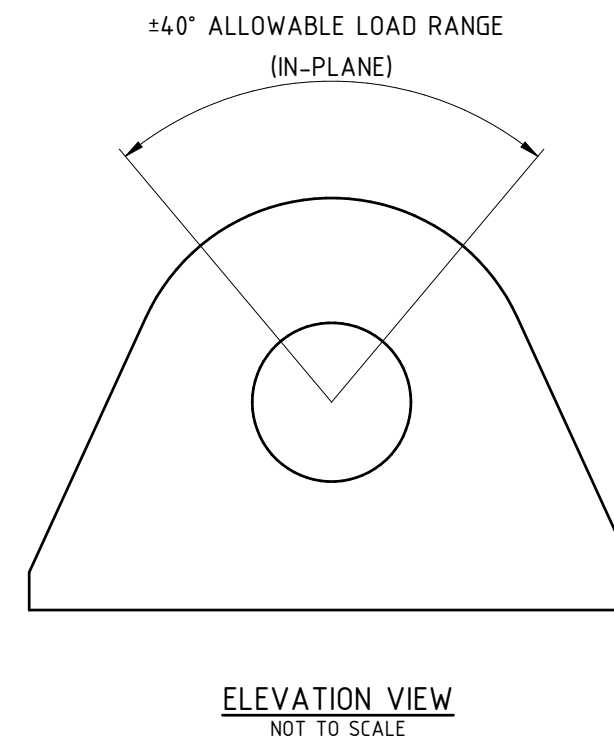


WLL	D	H	L	F	R	T
1	22	30	80	6	25	12
2	30	40	120	8	35	16
3	35	45	140	8	45	20
4	42	55	160	10	54	25
5	44	60	180	10	65	25
6	54	65	200	12	69	25
7	58	70	215	12	70	32
8	58	75	230	12	75	32
9	60	80	255	12	80	36
10	62	85	285	16	85	40

**NOTES**

1. ALL LIFTING LUGS SHALL BE SELECTED WITH DUE CONSIDERATION TO LOAD DISTRIBUTION RESULTING FROM SLING ANGLES.
2. THE MAGNITUDE OF THE LUG LOAD MUST NOT EXCEED THE WORKING LOAD LIMIT (WLL) AND THE LOAD DIRECTION MUST BE WITHIN THE STATED LIMITS.
3. MAXIMUM DYNAMIC LOAD FACTOR/HOISTING FACTOR = 2.0
4. THE PARENT STRUCTURE TO WHICH THE LUG IS WELDED MUST BE ASSESSED BY AN APPROPRIATELY QUALIFIED ENGINEER TO ENSURE IT IS CAPABLE OF SUPPORTING THE LOAD.
5. ALL WELDS SHALL BE CONTINUOUS FILLET WELDS (SP).
6. WELDING, INSPECTION AND TESTING SHALL MEET THE REQUIREMENTS OF AS1554.1.
7. WELD CONSUMABLES SHALL HAVE MIN. TENSILE STRENGTH 410MPa.
8. LUGS SHALL BE FABRICATED FROM GRADE 250 PLATE COMPLYING WITH AS/NZS 3678.
9. SLING AND LIFTING TACKLE LOADS SHALL BE DETERMINED IN ACCORDANCE WITH AS1666.2.
10. ATTACHMENT OF SHACKLES SHALL BE IN ACCORDANCE WITH AS2741.
11. USE IN LIFTING DEVICES REQUIRES FURTHER ENGINEERING ANALYSIS TO ENSURE COMPLIANCE WITH AS4991.
12. CONSULT TRANG IMAGINEERING IF LUGS ARE SUBJECT TO CYCLIC LOADING THAT COULD LEAD TO FATIGUE.
13. LUGS SHALL ONLY BE USED BY PERSONS WITH APPROPRIATE RIGGING OR DOGGING QUALIFICATIONS.
14. LUGS AND WELDS SHALL BE INSPECTED BY AN APPROPRIATELY QUALIFIED PERSON PRIOR TO USE.
15. CORRECT INTERPRETATION AND USE OF THIS INFORMATION IS THE RESPONSIBILITY OF THE USER. TRANG TAKES NO RESPONSIBILITY FOR THE OUTCOMES OF THE USE OF THIS INFORMATION.
16. FOR DESIGN OF YOUR CUSTOMISED LIFTING SOLUTIONS CONTACT TRANG IMAGINEERING ON 13 000 87264 OR EMAIL [info@trang.com.au](mailto:info@trang.com.au)



REV	DATE	DETAIL	BY	CHK	DES
B	24/01/24	UPDATED DIMENSIONS AND NOTES	SB	GH	SB
B	04/09/23	INITIAL RELEASE	SB	GH	SB

DESIGNED AND ENGINEERED FOR:

DESIGNED AND ENGINEERED BY:

TRANG IMAGINEERING  
74 ASTILL DRIVE  
ORANGE NSW 2800  
PHONE: 13 000 TRANG  
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**TRANG TECHNICAL REFERENCE DATA**  
**STANDARD LIFTING LUGS**

DRAWING No. **TRANG-TRD-004**

ALL DIMENSIONS IN MM    DO NOT SCALE    THIRD ANGLE PROJECTION    SHEET: 1 OF 1