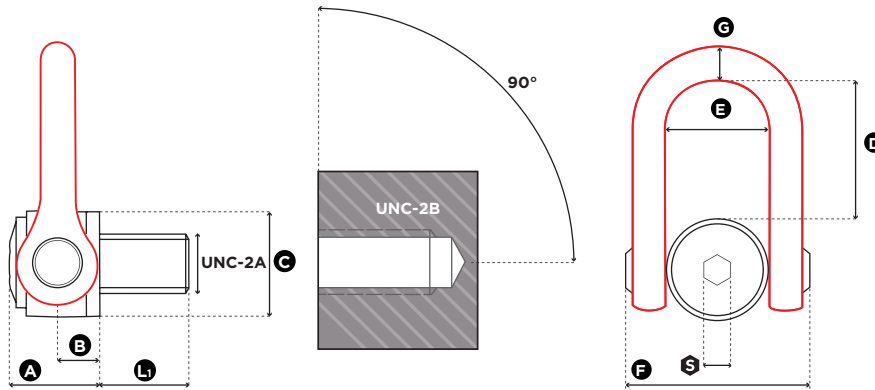




# LINGATEC SOLUÇÃO EM MOVIMENTAÇÃO DE CARGAS LTDA

Rua Buri, 149 - Laranjeiras – CAIEIRAS/SP – CEP: 07739-600  
 11-4441-5420 - vendas@lingatec.com.br - www.lingatec.com.br



1 in = 25.4 mm

Reference	Diameter	SF 5:1 WLL (lbs)	SF 4:1 WLL (lbs)	Standard L <sub>1</sub> (mm)	Torque (ft-lb)	S (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)
DSS U 100 UP	UNC 1"-8	10,000	13,000	36	125	19	61	31	70	104	73	149	33	5,4
DSS U 125 UP	UNC 1" 1/4-7	15,000	19,000	45	200	19	61	31	70	104	73	149	33	5,4
DSS U 138 UP	UNC 1" 3/8-6	21,000	22,000	54	240	19	61	31	70	104	73	149	33	5,4
DSS U 150 UP	UNC 1" 1/2-6	22,000	27,000	54	240	19	61	31	70	104	73	149	33	5,4
DSS U 175 UP	UNC 1" 3/4-5	27,000	33,000	63	300	19	61	31	70	104	73	149	33	5,9
DSS U 200 UP	UNC 2"-4,5	38,000	50,000	76	450	19	79	38	90	125	91	182	45	11,1
DSS U 250 UP	UNC 2" 1/2-4	48,500	55,000	90	450	19	79	38	95	125	91	182	45	12,2



## LOAD ANGLE CHART

$\beta$  max : 60°  
L : Load

**4:1**

UNC THREADS

max. load in lbs	Torque (ft-lb)	1		2		2		Asymmetric	3 → 4		
		L	L	L	L	L	L		L	L	
Number of rings	Lifting angle $\beta$	1	2	1	2	0° → 45°	46° → 60°		0° → 45°	46° → 60°	Asymmetric
DSS U 100 UP / FE.DSS U 100 UP	125	19,000	38,000	13,000	26,000	18,200	13,000	13,000	27,300	13,000	13,000
DSS U 125 UP / FE.DSS U 125 UP	200	30,000	60,000	19,000	38,000	26,600	19,000	19,000	39,900	19,000	19,000
DSS U 138 UP / FE.DSS U 138 UP	240	32,000	64,000	22,000	44,000	30,800	22,000	22,000	46,200	22,000	22,000
DSS U 150 UP / FE.DSS U 150 UP	240	33,000	66,000	27,000	54,000	37,800	27,000	27,000	56,700	27,000	27,000
DSS U 175 UP	300	33,000	66,000	33,000	66,000	46,200	33,000	33,000	69,300	33,000	33,000
DSS U 200 UP / FE.DSS U 200 UP	450	50,000	100,000	50,000	100,000	70,000	50,000	50,000	105,000	50,000	50,000
DSS U 250 UP	450	55,000	110,000	55,000	110,000	77,000	55,000	55,000	115,500	55,000	55,000

**5:1**

UNC THREADS

max. load in lbs	Torque (ft-lb)	1		2		2		Asymmetric	3 → 4		
		L	L	L	L	L	L		L	L	
Number of rings	Lifting angle $\beta$	1	2	1	2	0° → 45°	46° → 60°		0° → 45°	46° → 60°	Asymmetric
DSS U 100 UP / FE.DSS U 100 UP	125	19,000	38,000	10,000	20,000	14,000	10,000	10,000	21,000	10,000	10,000
DSS U 125 UP / FE.DSS U 125 UP	200	30,000	60,000	15,000	30,000	21,000	15,000	15,000	31,500	15,000	15,000
DSS U 138 UP / FE.DSS U 138 UP	240	31,000	62,000	21,000	42,000	29,400	21,000	21,000	44,100	21,000	21,000
DSS U 150 UP / FE.DSS U 150 UP	240	31,000	62,000	22,000	44,000	30,800	22,000	22,000	46,200	22,000	22,000
DSS U 175 UP	300	33,000	66,000	27,000	54,000	37,800	27,000	27,000	56,700	27,000	27,000
DSS U 200 UP / FE.DSS U 200 UP	450	50,000	100,000	38,000	76,000	53,200	38,000	38,000	79,800	38,000	38,000
DSS U 250 UP	450	55,000	110,000	48,500	97,000	67,900	48,500	48,500	101,850	48,500	48,500