

# MEGA.DSS



## LOAD ANGLE CHART

$\alpha$  max : 90° /  $\beta$  max : 60°  
L : Load

4:1

METRIC THREADS

max. load in t

	Torque (Nm)										
		Number of rings	1	2	1	2	2		3 → 4		
		Lifting angle $\beta$	0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°
>Loading angle $\alpha$		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
MEGA.DSS M 64 UP	600	33,00	66,00	33,00	66,00	46,20	33,00	33,00	69,30	49,50	33,00
MEGA.DSS M 72 UP	700	35,00	70,00	35,00	70,00	49,00	35,00	35,00	73,50	52,50	35,00
MEGA.DSS M 72x4 UP	700	35,00	70,00	35,00	70,00	49,00	35,00	35,00	73,50	52,50	35,00
MEGA.DSS M 80 UP	800	40,00	80,00	40,00	80,00	56,00	40,00	40,00	84,00	60,00	40,00
MEGA.DSS M 90 UP	900	45,00	90,00	45,00	90,00	63,00	45,00	45,00	94,50	67,50	45,00
MEGA.DSS M 100 UP	1000	60,00	120,00	60,00	120,00	84,00	60,00	60,00	126,00	90,00	60,00

4:1

UNC THREADS

max. load in lbs

	Torque (ft-lb)										
		Number of rings	1	2	1	2	2		3 → 4		
		Lifting angle $\beta$	0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°
>Loading angle $\alpha$		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
MEGA.DSS U 275 UP	520	75,000	150,000	75,000	150,000	105,000	75,000	75,000	157,500	112,500	75,000
MEGA.DSS U 300 UP	520	80,000	160,000	80,000	160,000	112,000	80,000	80,000	168,000	120,000	80,000
MEGA.DSS U 325 UP	590	90,000	180,000	90,000	180,000	126,000	90,000	90,000	189,000	135,000	90,000
MEGA.DSS U 350 UP	665	95,000	190,000	95,000	190,000	133,000	95,000	95,000	199,500	142,500	95,000
MEGA.DSS U 375 UP	740	100,000	200,000	100,000	200,000	140,000	100,000	100,000	210,000	150,000	100,000
MEGA.DSS U 400 UP	740	110,000	220,000	110,000	220,000	154,000	110,000	110,000	231,000	165,000	110,000

# MEGA.DSS / GIGA.DSS



## LOAD ANGLE CHART

$\alpha$  max : 90° /  $\beta$  max : 60°  
L : Load

5:1

METRIC THREADS		Torque (Nm)										
Number of rings	Lifting angle $\beta$		1	2	1	2	2			3 → 4		
			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
	Loading angle $\alpha$		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
MEGA.DSS M 64 UP	600	26,00	52,00	26,00	52,00	36,40	26,00	26,00	54,60	39,00	26,00	
MEGA.DSS M 72 UP	700	28,00	56,00	28,00	56,00	39,20	28,00	28,00	58,80	42,00	28,00	
MEGA.DSS M 72x4 UP	700	28,00	56,00	28,00	56,00	39,20	28,00	28,00	58,80	42,00	28,00	
MEGA.DSS M 80 UP	800	32,00	64,00	32,00	64,00	44,80	32,00	32,00	67,20	48,00	32,00	
MEGA.DSS M 90 UP	900	36,00	72,00	36,00	72,00	50,40	36,00	36,00	75,60	54,00	36,00	
MEGA.DSS M 100 UP	1000	48,00	96,00	48,00	96,00	67,20	48,00	48,00	100,80	72,00	48,00	
GIGA.DSS M 150 UP	2000	125,00	250,00	125,00	250,00	175,00	125,00	125,00	262,50	187,50	125,00	
GIGA.DSS+Q M 150 UP	160	125,00	250,00	125,00	250,00	175,00	125,00	125,00	262,50	187,50	125,00	

max. load in t

5:1

UNC THREADS		Torque (ft-lb)										
Number of rings	Lifting angle $\beta$		1	2	1	2	2			3 → 4		
			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
	Loading angle $\alpha$		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
MEGA.DSS U 275 UP	520	60,000	120,000	60,000	120,000	84,000	60,000	60,000	126,000	90,000	60,000	
MEGA.DSS U 300 UP	520	64,000	128,000	64,000	128,000	89,600	64,000	64,000	134,400	96,000	64,000	
MEGA.DSS U 325 UP	590	72,000	144,000	72,000	144,000	100,800	72,000	72,000	151,200	108,000	72,000	
MEGA.DSS U 350 UP	665	76,000	152,000	76,000	152,000	106,400	76,000	76,000	159,600	114,000	76,000	
MEGA.DSS U 375 UP	740	80,000	160,000	80,000	160,000	112,000	80,000	80,000	168,000	120,000	80,000	
MEGA.DSS U 400 UP	740	88,000	176,000	88,000	176,000	123,200	88,000	88,000	184,800	132,000	88,000	

max. load in lbs