

DSR / FE.DSR / OS.DSR



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

4:1

METRIC THREADS		Torque (Nm)										
Number of rings			1	2	1	2	2		Asymmetric	3 → 4		
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
DSR M 5 UP	3		0,30	0,60	0,10	0,20	0,14	0,10	0,10	0,21	0,15	0,10
DSR M 6 UP	4		0,40	0,80	0,20	0,40	0,28	0,20	0,20	0,42	0,30	0,20
DSR / FE.DSR M 8 UP	6		1,00	2,00	0,50	1,00	0,70	0,50	0,50	1,05	0,75	0,50
DSR / FE.DSR / OS.DSR M 10 UP	10		1,50	3,00	0,90	1,80	1,26	0,90	0,90	1,89	1,35	0,90
DSR / FE.DSR / OS.DSR M 12 UP	15		1,50	3,00	1,30	2,60	1,82	1,30	1,30	2,73	1,95	1,30
DSR / FE.DSR M 14 UP	30		2,60	5,20	1,80	3,60	2,52	1,80	1,80	3,78	2,70	1,80
DSR / FE.DSR / OS.DSR M 16 UP	50		2,80	5,60	2,30	4,60	3,22	2,30	2,30	4,83	3,45	2,30
DSR / FE.DSR M 18 UP	70		2,50	5,00	2,30	4,60	3,22	2,30	2,30	4,83	3,45	2,30
DSR / FE.DSR M 20 UP 2t5	100		2,80	5,60	2,50	5,00	3,50	2,50	2,50	5,25	3,75	2,50
DSR / OS.DSR M 20 3t2 UP	100		3,20	6,40	3,20	6,40	4,48	3,20	3,20	6,72	4,80	3,20
DSR / FE.DSR M 22 UP	120		6,00	12,00	4,50	9,00	6,30	4,50	4,50	9,45	6,75	4,50
DSR / OS.DSR M 24 UP	160		6,50	13,00	5,50	11,00	7,70	5,50	5,50	11,55	8,25	5,50
DSR M 27 UP	200		6,50	13,00	6,00	12,00	8,40	6,00	6,00	12,60	9,00	6,00
DSR / OS.DSR M 30 6t3 UP	250		6,50	13,00	6,30	12,60	8,82	6,30	6,30	13,23	9,45	6,30
DSR M 30 8t UP	250		9,00	18,00	8,00	16,00	11,20	8,00	8,00	16,80	12,00	8,00
DSR M 36 UP	320		10,00	20,00	8,50	17,00	11,90	8,50	8,50	17,85	12,75	8,50
DSR M 42 UP	400		10,00	20,00	9,00	18,00	12,60	9,00	9,00	18,90	13,50	9,00

max. load in t

4:1

UNC THREADS		Torque (ft-lb)										
Number of rings			1	2	1	2	2		Asymmetric	3 > 4		
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
DSR / FE.DSR U 025 UP	3		900	1,800	450	900	630	450	450	945	675	450
DSR / FE.DSR U 516 UP	5		2,200	4,400	1,200	2,400	1,680	1,200	1,200	2,520	1,800	1,200
DSR / FE.DSR / OS.DSR U 038 UP	8		3,200	6,400	1,600	3,200	2,240	1,600	1,600	3,360	2,400	1,600
DSR / FE.DSR / OS.DSR U 050 UP	12		3,400	6,800	2,800	5,600	3,920	2,800	2,800	5,880	4,200	2,800
DSR / FE.DSR / OS.DSR U 058 UP	40		5,900 / 6,200	11,800 / 12,400	4,900	9,800	6,860	4,900	4,900	10,290	7,350	4,900
DSR / FE.DSR / OS.DSR U 075 UP	80		6,200	12,400	5,250	10,500	7,350	5,250	5,250	11,025	7,875	5,250
DSR / FE.DSR U 078 UP	90		13,500	27,000	9,800	19,600	13,720	9,800	9,800	20,580	14,700	9,800
DSR / OS.DSR U 100 UP	125		13,500	27,000	12,500	25,000	17,500	12,500	12,500	26,250	18,750	12,500
DSR U 118 UP	160		13,500	27,000	13,000	26,000	18,200	13,000	13,000	27,300	19,500	13,000
DSR / OS.DSR U 125 UP	200		13,500	27,000	13,500	27,000	18,900	13,500	13,500	28,350	20,250	13,500

max. load in lbs

DSR / FE.DSR / OS.DSR



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METRIC THREADS		Torque (Nm)										
Number of rings			1	2	1	2	2		Asymmetric	3 → 4		
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
DSR M 5 UP	3		0,20	0,40	0,07	0,14	0,10	0,07	0,07	0,15	0,11	0,07
DSR M 6 UP	4		0,30	0,60	0,15	0,30	0,21	0,15	0,15	0,32	0,23	0,15
DSR / FE.DSR M 8 UP	6		0,80	1,60	0,40	0,80	0,56	0,40	0,40	0,84	0,60	0,40
DSR / FE.DSR / OS.DSR M 10 UP	10		1,30	2,60	0,70	1,40	0,98	0,70	0,70	1,47	1,05	0,70
DSR / FE.DSR / OS.DSR M 12 UP	15		1,50	3,00	1,05	2,10	1,47	1,05	1,05	2,21	1,58	1,05
DSR / FE.DSR M 14 UP	30		2,50	5,00	1,40	2,80	1,96	1,40	1,40	2,94	2,10	1,40
DSR / FE.DSR / OS.DSR M 16 UP	50		2,70	5,40	2,00	4,00	2,80	2,00	2,00	4,20	3,00	2,00
DSR / FE.DSR M 18 UP	70		2,50	5,00	2,30	4,60	3,22	2,30	2,30	4,83	3,45	2,30
DSR / FE.DSR M 20 2t5 UP	100		2,80	5,60	2,50	5,00	3,50	2,50	2,50	5,25	3,75	2,50
DSR / OS.DSR M 20 3t2 UP	100		3,20	6,40	2,90	5,80	4,06	2,90	2,90	6,09	4,35	2,90
DSR / FE.DSR M 22 UP	120		5,50	11,00	3,50	7,00	4,90	3,50	3,50	7,35	5,25	3,50
DSR / OS.DSR M 24 UP	160		6,00	12,00	4,40	8,80	6,16	4,40	4,40	9,24	6,60	4,40
DSR M 27 UP	200		6,00	12,00	5,70	11,40	7,98	5,70	5,70	11,97	8,55	5,70
DSR / OS.DSR M 30 6t3 UP	250		6,30	12,60	6,00	12,00	8,40	6,00	6,00	12,60	9,00	6,00
DSR M 30 8t UP	250		9,00	18,00	6,70	13,40	9,38	6,70	6,70	14,07	10,05	6,70
DSR M 36 UP	320		9,00	18,00	8,00	16,00	11,20	8,00	8,00	16,80	12,00	8,00
DSR M 42 UP	400		9,50	19,00	8,50	17,00	11,90	8,50	8,50	17,85	12,75	8,50

max. load in t

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UNC THREADS		Torque (ft-lb)										
Number of rings			1	2	1	2	2		Asymmetric	3 → 4		
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
DSR / FE.DSR U 025 UP	3		650	1,300	330	660	462	330	330	693	495	330
DSR / FE.DSR U 516 UP	5		1,800	3,600	1,000	2,000	1,400	1,000	1,000	2,100	1,500	1,000
DSR / FE.DSR / OS.DSR U 038 UP	8		2,500	5,000	1,300	2,600	1,820	1,300	1,300	2,730	1,950	1,300
DSR / FE.DSR / OS.DSR U 050 UP	12		3,000	6,000	2,400	4,800	3,360	2,400	2,400	5,040	3,600	2,400
DSR / FE.DSR / OS.DSR U 058 UP	40		5,900	11,800	3,900	7,800	5,460	3,900	3,900	8,190	5,850	3,900
DSR / FE.DSR / OS.DSR U 075 UP	80		5,900	11,800	5,250	10,500	7,350	5,250	5,250	11,025	7,875	5,250
DSR / FE.DSR U 078 UP	90		13,500	27,000	7,900	15,800	11,060	7,900	7,900	16,590	11,850	7,900
DSR / OS.DSR U 100 UP	125		13,500	27,000	11,200	22,400	15,680	11,200	11,200	23,520	16,800	11,200
DSR U 118 UP	160		13,500	27,000	11,500	23,000	16,100	11,500	11,500	24,150	17,250	11,500
DSR / OS.DSR U 125 UP	200		13,500	27,000	13,500	27,000	18,900	13,500	13,500	28,350	20,250	13,500

max. load in lbs

QL.DSR / SS.QL.DSR



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

5:1

max. load in t

METRIC THREADS		Torque (Nm)											
Number of rings			1	2	1	2	2			3 → 4			
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric	
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°		
QL.DSR/QL.SS.DSR M 8	20		0,25	0,50	0,25	0,50	0,35	0,25	0,25	0,53	0,38	0,25	
QL.DSR/QL.SS.DSR M 10	30		0,40	0,80	0,40	0,80	0,56	0,40	0,40	0,84	0,60	0,40	
QL.DSR/QL.SS.DSR M 12	60		0,65	1,30	0,65	1,30	0,91	0,65	0,65	1,37	0,98	0,65	
QL.DSR/QL.SS.DSR M 14	80		0,70	1,40	0,70	1,40	0,98	0,70	0,70	1,47	1,05	0,70	
QL.DSR/QL.SS.DSR M 16	100		1,05	2,10	1,05	2,10	1,47	1,05	1,05	2,21	1,58	1,05	
QL.DSR/QL.SS.DSR M 20	160		1,70	3,40	1,70	3,40	2,38	1,70	1,70	3,57	2,55	1,70	
QL.DSR/QL.SS.DSR M 24	180		2,50	5,00	2,50	5,00	3,50	2,50	2,50	5,25	3,75	2,50	

DSS / FE.DSS / OS.DSS



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max. load in t	METRIC THREADS	Torque (Nm)										
	Number of rings		1	2	1	2	2			3 → 4		
	Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
	Loading angle α		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
	DSS / FE.DSS / OS.DSS M 24 UP	160	9,00	18,00	5,50	11,00	7,70	5,50	5,50	11,55	8,25	5,50
	FE.DSS M 27 UP	200	10,00	20,00	6,50	13,00	9,10	6,50	6,50	13,65	9,75	6,50
	DSS / FE.DSS / OS.DSS M 30 UP	250	14,00 / 12,00	28,00 / 24,00	8,50	17,00	11,90	8,50	8,50	17,85	12,75	8,50
	DSS / FE.DSS M 33 UP	250	14,50	29,00	10,50	21,00	14,70	10,50	10,50	22,05	15,75	10,50
	DSS / FE.DSS / OS.DSS M 36 UP	320	15,00	30,00	12,00	24,00	16,80	12,00	12,00	25,20	18,00	12,00
	DSS M 36X3 UP	320	15,00	30,00	12,00	24,00	16,80	12,00	12,00	25,20	18,00	12,00
	DSS / FE.DSS M 39 UP	320	17,00	34,00	14,00	28,00	19,60	14,00	14,00	29,40	21,00	14,00
	DSS / FE.DSS / OS.DSS M 42 UP	400	15,50 / 19,00	31,00 / 38,00	15,00	30,00	21,00	15,00	15,00	31,50	22,50	15,00
	DSS M 42x3 UP	400	15,50	31,00	15,00	30,00	21,00	15,00	15,00	31,50	22,50	15,00
	DSS / FE.DSS M 45 UP	400	15,00	30,00	16,00	32,00	22,40	16,00	16,00	33,60	24,00	16,00
	DSS / FE.DSS M 48 UP	600	22,00	44,00	20,00	40,00	28,00	20,00	20,00	42,00	30,00	20,00
	DSS M 48x3 UP	600	22,00	44,00	20,00	40,00	28,00	20,00	20,00	42,00	30,00	20,00
	DSS M 48x4 UP	600	22,00	44,00	20,00	40,00	28,00	20,00	20,00	42,00	30,00	20,00
	DSS / FE.DSS M 52 UP	600	23,00	46,00	21,00	42,00	29,40	21,00	21,00	44,10	31,50	21,00
	DSS M 56 UP	600	25,00	50,00	25,00	50,00	35,00	25,00	25,00	52,50	37,50	25,00
	DSS M 56x4 UP	600	25,00	50,00	25,00	50,00	35,00	25,00	25,00	52,50	37,50	25,00
	DSS M 64 UP	600	32,10	64,20	32,10	64,20	44,94	32,10	32,10	67,41	48,15	32,10
	DSS M 64x4 UP	600	32,10	64,20	32,10	64,20	44,94	32,10	32,10	67,41	48,15	32,10
	DSS M 72 UP	600	25,00	50,00	25,00	50,00	35,00	25,00	25,00	52,50	37,50	25,00
	DSS M 72x4 UP	600	25,00	50,00	25,00	50,00	35,00	25,00	25,00	52,50	37,50	25,00
	DSS M 80 UP	600	32,10	64,20	32,10	64,20	44,94	32,10	32,10	67,41	48,15	32,10
	DSS M 90 UP	600	32,10	64,20	32,10	64,20	44,94	32,10	32,10	67,41	48,15	32,10
	DSS M 100 UP	600	32,10	64,20	32,10	64,20	44,94	32,10	32,10	67,41	48,15	32,10

4:1

max. load in lbs	UNC THREADS	Torque (ft-lb)										
	Number of rings		1	2	1	2	2			3 → 4		
	Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
	Loading angle α		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
	DSS / FE.DSS / OS.DSS U 100 UP	125	19,000	38,000	13,000	26,000	18,200	13,000	13,000	27,300	19,500	13,000
	DSS / FE.DSS / OS.DSS U 125 UP	200	30,000	60,000	19,000	38,000	26,600	19,000	19,000	39,900	28,500	19,000
	DSS / FE.DSS U 138 UP	240	32,000	64,000	22,000	44,000	30,800	22,000	22,000	46,200	33,000	22,000
	DSS / FE.DSS / OS.DSS U 150 UP	240	33,000	66,000	27,000	54,000	37,800	27,000	27,000	56,700	40,500	27,000
	DSS / OS.DSS U 175 UP	300	33,000	66,000	33,000	66,000	46,200	33,000	33,000	69,300	49,500	33,000
	DSS / FE.DSS U 200 UP	450	50,000	100,000	50,000	100,000	70,000	50,000	50,000	105,000	75,000	50,000
	DSS U 250 UP	450	55,000	110,000	55,000	110,000	77,000	55,000	55,000	115,500	82,500	55,000

DSS / FE.DSS / OS.DSS



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METRIC THREADS		Torque (Nm)										
Number of rings			1	2	1	2	2		3 → 4			
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
DSS / FE.DSS / OS.DSS M 24 UP	160		9,00	18,00	4,50	9,00	6,30	4,50	4,50	9,45	6,75	4,50
FE.DSS M 27 UP	200		10,00	20,00	5,20	10,40	7,28	5,20	5,20	10,92	7,80	5,20
DSS / FE.DSS / OS.DSS M 30 UP	250	14,00 / 12,00		28,00 / 24,00	7,70 / 7,50	15,40 / 15,00	10,78 / 10,50	7,70 / 7,50	7,70 / 7,50	16,17 / 15,75	11,55 / 11,25	7,70 / 7,50
DSS / FE.DSS M 33 UP	250	14,50		29,00	8,50 / 8,00	17,00 / 16,00	11,90 / 11,20	8,50 / 8,00	8,50 / 8,00	17,85 / 16,80	12,75 / 12,00	8,50 / 8,00
DSS / FE.DSS / OS.DSS M 36 UP	320	15,00		30,00	11,00 / 10,00	22,00 / 20,00	15,40 / 14,00	11,00 / 10,00	11,00 / 10,00	23,10 / 21,00	16,50 / 15,00	11,00 / 10,00
DSS M 36X3 UP	320	15,00		30,00	11,00	22,00	15,40	11,00	11,00	23,10	16,50	11,00
DSS / FE.DSS M 39 UP	320	15,00		30,00	12,00	24,00	16,80	12,00	12,00	25,20	18,00	12,00
DSS / FE.DSS / OS.DSS M 42 UP	400	15,00		30,00	13,00	26,00	18,20	13,00	13,00	27,30	19,50	13,00
DSS M 42x3 UP	400	15,00		30,00	13,00	26,00	18,20	13,00	13,00	27,30	19,50	13,00
DSS / FE.DSS M 45 UP	400	15,00		30,00	14,50	29,00	20,30	14,50	14,50	30,45	21,75	14,50
DSS / FE.DSS M 48 UP	600	22,00		44,00	17,00	34,00	23,80	17,00	17,00	35,70	25,50	17,00
DSS M 48x3 UP	600	22,00		44,00	17,00	34,00	23,80	17,00	17,00	35,70	25,50	17,00
DSS M 48x4 UP	600	22,00		44,00	17,00	34,00	23,80	17,00	17,00	35,70	25,50	17,00
DSS / FE.DSS M 52 UP	600	23,00		46,00	19,00	38,00	26,60	19,00	19,00	39,90	28,50	19,00
DSS M 56 UP	600	25,00		50,00	22,00	44,00	30,80	22,00	22,00	46,20	33,00	22,00
DSS M 56x4 UP	600	25,00		50,00	22,00	44,00	30,80	22,00	22,00	46,20	33,00	22,00
DSS M 64 UP	600	25,00		50,00	25,00	50,00	35,00	25,00	25,00	52,50	37,50	25,00
DSS M 64x4 UP	600	25,00		50,00	25,00	50,00	35,00	25,00	25,00	52,50	37,50	25,00
DSS M 72 UP	600	25,00		50,00	22,00	44,00	30,80	22,00	22,00	46,20	33,00	22,00
DSS M 72x4 UP	600	25,00		50,00	22,00	44,00	30,80	22,00	22,00	46,20	33,00	22,00
DSS M 80 UP	600	25,00		50,00	25,00	50,00	35,00	25,00	25,00	52,50	37,50	25,00
DSS M 90 UP	600	25,00		50,00	25,00	50,00	35,00	25,00	25,00	52,50	37,50	25,00
DSS M 100 UP	600	25,00		50,00	25,00	50,00	35,00	25,00	25,00	52,50	37,50	25,00

max. load in t

5:1

UNC THREADS		Torque (ft-lb)										
Number of rings			1	2	1	2	2		3 → 4			
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
DSS / FE.DSS / OS.DSS U 100 UP	125		19,000	38,000	10,000	20,000	14,000	10,000	10,000	21,000	15,000	10,000
DSS / FE.DSS / OS.DSS U 125 UP	200		30,000	60,000	15,000	30,000	21,000	15,000	15,000	31,500	22,500	15,000
DSS / FE.DSS U 138 UP	240		31,000	62,000	21,000	42,000	29,400	21,000	21,000	44,100	31,500	21,000
DSS / FE.DSS / OS.DSS U 150 UP	240		31,000	62,000	22,000	44,000	30,800	22,000	22,000	46,200	33,000	22,000
DSS / OS.DSS U 175 UP	300		33,000	66,000	27,000	54,000	37,800	27,000	27,000	56,700	40,500	27,000
DSS / FE.DSS U 200 UP	450		50,000	100,000	38,000	76,000	53,200	38,000	38,000	79,800	57,000	38,000
DSS U 250 UP	450		55,000	110,000	48,500	97,000	67,900	48,500	48,500	101,850	72,750	48,500

max. load in lbs



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

4:1

METRIC THREADS

max. load in t

	Torque (Nm)										
Number of rings		1	2	1	2	2		Asymmetric	3 → 4		
Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
Loading angle α		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		Asymmetric	3 → 4		
Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
Loading angle α		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

α max : 90° / β max : 60°
L : Load

5:1

max. load in t

METRIC THREADS		Torque (Nm)														
Number of rings			1	2	1	2	2		2		Asymmetric	3 → 4				
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		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				

5:1

max. load in lbs

UNC THREADS		Torque (ft-lb)														
Number of rings			1	2	1	2	2		2		Asymmetric	3 → 4				
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		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				



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

4:1

METRIC THREADS		Torque (Nm)										
Number of rings			1	2	1	2	2			3 → 4		
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
SEB M 8 UP / FE.SE.B M 8 UP	6		0,80	1,60	0,50	1,00	0,70	0,50	0,50	1,05	0,75	0,50
SEB M 10 UP / FE.SE.B M 10 UP	10		1,60	3,20	0,70	1,40	0,98	0,70	0,70	1,47	1,05	0,70
SEB M 12 UP / FE.SE.B M 12 UP	15		1,90	3,80	0,90	1,80	1,26	0,90	0,90	1,89	1,35	0,90
SEB M 16 UP / FE.SE.B M 16 UP	50		3,20	6,40	1,80	3,60	2,52	1,80	1,80	3,78	2,70	1,80
SEB M 20 UP / FE.SE.B M 20 UP	100		6,50	13,00	2,70	5,40	3,78	2,70	2,70	5,67	4,05	2,70
SEB M 24 3t8 UP	160		8,00	16,00	3,80	7,60	5,32	3,80	3,80	7,98	5,70	3,80
SEB M 24 4t2 UP / FE.SE.B M 24 UP	160		7,00	14,00	4,20	8,40	5,88	4,20	4,20	8,82	6,30	4,20
SEB M 30 UP / FE.SE.B M 30 UP	250		10,00	20,00	6,30	12,60	8,82	6,30	6,30	13,23	9,45	6,30
SEB M 36 UP / FE.SE.B M 36 UP	320		12,00	24,00	11,00	22,00	15,40	11,00	11,00	23,10	16,50	11,00
SEB M 42 UP	400		15,00	30,00	15,00	30,00	21,00	15,00	15,00	31,50	22,50	15,00
SEB M 48 UP	600		18,00	36,00	16,00	32,00	22,40	16,00	16,00	33,60	24,00	16,00

max. load in t

4:1

UNC THREADS		Torque (ft-lb)										
Number of rings			1	2	1	2	2			3 → 4		
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
SEB U 038 UP / FE.SE.B U 038 UP	8		3,500	7,000	1,500	3,000	2,100	1,500	1,500	3,150	2,250	1,500
SEB U 050 UP / FE.SE.B U 050 UP	12		4,200	8,400	1,950	3,900	2,730	1,950	1,950	4,095	2,925	1,950
SEB U 058 UP / FE.SE.B U 058 UP	40		7,000	14,000	4,000	8,000	5,600	4,000	4,000	8,400	6,000	4,000
SEB U 075 UP / FE.SE.B U 075 UP	80		15,000	30,000	5,900	11,800	8,260	5,900	5,900	12,390	8,850	5,900
SEB U 100 UP / FE.SE.B U 100 UP	125		15,000	30,000	9,300	18,600	13,020	9,300	9,300	19,530	13,950	9,300
SEB U 125 UP / FE.SE.B U 125 UP	200		22,000	44,000	13,800	27,600	19,320	13,800	13,800	28,980	20,700	13,800
SEB U 150 UP	240		25,000	50,000	25,000	50,000	35,000	25,000	25,000	52,500	37,500	25,000
SEB U 200 UP	450		39,600	79,200	35,200	70,400	49,280	35,200	35,200	73,920	52,800	35,200

max. load in lbs



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

5:1

METRIC THREADS		Torque (Nm)										
Number of rings			1	2	1	2	2		Asymmetric	3 → 4		
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
SEB M 8 UP / FE.SE.B M 8 UP	6	0,70	1,40	0,40	0,80	0,56	0,40	0,40	0,84	0,60	0,40	
SEB M 10 UP / FE.SE.B M 10 UP	10	1,20	2,40	0,50	1,00	0,70	0,50	0,50	1,05	0,75	0,50	
SEB M 12 UP / FE.SE.B M 12 UP	15	1,70	3,40	0,80	1,60	1,12	0,80	0,80	1,68	1,20	0,80	
SEB M 16 UP / FE.SE.B M 16 UP	50	3,20	6,40	1,40	2,80	1,96	1,40	1,40	2,94	2,10	1,40	
SEB M 20 UP / FE.SE.B M 20 UP	100	5,00	10,00	2,00	4,00	2,80	2,00	2,00	4,20	3,00	2,00	
SEB M 24 3t8 UP	160	6,30	12,60	3,20	6,40	4,48	3,20	3,20	6,72	4,80	3,20	
SEB M 24 4t2 UP / FE.SE.B M 24 UP	160	7,00	14,00	3,40	6,80	4,76	3,40	3,40	7,14	5,10	3,40	
SEB M 30 UP / FE.SE.B M 30 UP	250	8,50	17,00	5,50	11,00	7,70	5,50	5,50	11,55	8,25	5,50	
SEB M 36 UP / FE.SE.B M 36 UP	320	12,00	24,00	9,00	18,00	12,60	9,00	9,00	18,90	13,50	9,00	
SEB M 42 UP	400	12,00	24,00	12,00	24,00	16,80	12,00	12,00	25,20	18,00	12,00	
SEB M 48 UP	600	15,00	30,00	15,00	30,00	21,00	15,00	15,00	31,50	22,50	15,00	

max. load in t

5:1

UNC THREADS		Torque (ft-lb)										
Number of rings			1	2	1	2	2		Asymmetric	3 → 4		
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
SEB U 038 UP / FE.SE.B U 038 UP	8	2,800	5,600	1,200	2,400	1,680	1,200	1,200	2,520	1,800	1,200	
SEB U 050 UP / FE.SE.B U 050 UP	12	3,800	7,600	1,800	3,600	2,520	1,800	1,800	3,780	2,700	1,800	
SEB U 058 UP / FE.SE.B U 058 UP	40	7,000	14,000	3,200	6,400	4,480	3,200	3,200	6,720	4,800	3,200	
SEB U 075 UP / FE.SE.B U 075 UP	80	12,000	24,000	4,750	9,500	6,650	4,750	4,750	9,975	7,125	4,750	
SEB U 100 UP / FE.SE.B U 100 UP	125	15,000	30,000	7,500	15,000	10,500	7,500	7,500	15,750	11,250	7,500	
SEB U 125 UP / FE.SE.B U 125 UP	200	19,000	38,000	12,200	24,400	17,080	12,200	12,200	25,620	18,300	12,200	
SEB U 150 UP	240	25,000	50,000	20,000	40,000	28,000	20,000	20,000	42,000	30,000	20,000	
SEB U 200 UP	450	39,600	79,200	33,000	66,000	46,200	33,000	33,000	72,600	49,500	33,000	

max. load in lbs

SS.DSR / SS.FE.DSR



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

4:1

METRIC THREADS		Torque (Nm)										
Number of rings			1	2	1	2	2		Asymmetric	3 → 4		
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
SS.DSR M 6	4	0,25	0,50	0,15	0,30	0,21	0,15	0,15	0,31	0,23	0,15	
SS.DSR M 8 / SS.FE.DSR M 8	6	0,50	1,00	0,30	0,60	0,42	0,30	0,30	0,63	0,45	0,30	
SS.DSR M 10 / SS.FE.DSR M 10	10	0,90	1,80	0,50	1,00	0,70	0,50	0,50	1,05	0,75	0,50	
SS.DSR M 12 / SS.FE.DSR M 12	15	1,00	2,00	0,80	1,60	1,12	0,80	0,80	1,68	1,20	0,80	
SS.DSR M 14 / SS.FE.DSR M 14	30	1,60	3,20	1,00	2,00	1,40	1,00	1,00	2,10	1,50	1,00	
SS.DSR M 16 / SS.FE.DSR M 16	50	1,90	3,80	1,50	3,00	2,10	1,50	1,50	3,15	2,25	1,50	
SS.DSR M 18 / SS.FE.DSR M 18	70	1,90	3,80	1,50	3,00	2,10	1,50	1,50	3,15	2,25	1,50	
SS.DSR M 20 / SS.FE.DSR M 20	100	1,90	3,80	1,60	3,20	2,24	1,60	1,60	3,36	2,40	1,60	
SS.DSR M 22 / SS.FE.DSR M 22	120	3,50	7,00	2,20	4,40	3,08	2,20	2,20	4,62	3,30	2,20	
SS.DSR M 24	160	3,50	7,00	2,70	5,40	3,78	2,70	2,70	5,67	4,05	2,70	
SS.DSR M 27	200	3,60	7,20	2,90	5,80	4,06	2,90	2,90	6,09	4,35	2,90	
SS.DSR M 30	250	3,70	7,40	3,50	7,00	4,90	3,50	3,50	7,35	5,25	3,50	

max. load in t

4:1

UNC THREADS		Torque (ft-lb)										
Number of rings			1	2	1	2	2		Asymmetric	3 → 4		
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
SS.DSR U 025	3	850	1,700	500	1,000	700	500	500	1,050	750	500	
SS.DSR U 516 / SS.FE.DSR U 516	5	1,100	2,200	650	1,300	910	650	650	1,365	975	650	
SS.DSR U 038 / SS.FE.DSR U 038	8	1,800	3,600	1,000	2,000	1,400	1,000	1,000	2,100	1,500	1,000	
SS.DSR U 050 / SS.FE.DSR U 050	12	2,500	5,000	1,800	3,600	2,520	1,800	1,800	3,780	2,700	1,800	
SS.DSR U 058 / SS.FE.DSR U 058	40	4,500 / 4,400	9,000 / 8,800	3,000	6,000	4,200	3,000	3,000	6,300	4,500	3,000	
SS.DSR U 075 / SS.FE.DSR U 075	80	4,500	9,000	3,800	7,600	5,320	3,800	3,800	7,980	5,700	3,800	
SS.DSR U 078 / SS.FE.DSR U 078	90	8,500	17,000	5,100	10,200	7,140	5,100	5,100	10,710	7,650	5,100	
SS.DSR U 100	125	8,500	17,000	6,000	12,000	8,400	6,000	6,000	12,600	9,000	6,000	

max. load in lbs

SS.DSR / SS.FE.DSR



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

5:1

max. load in t	METRIC THREADS	Torque (Nm)										
	Number of rings		1	2	1	2	2		Asymmetric	3 → 4		
	Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	Asymmetric
	Loading angle α		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
	SS.DSR M 6	4	0,20	0,40	0,10	0,20	0,14	0,10	0,10	0,21	0,15	0,10
	SS.DSR M 8 / SS.FE.DSR M 8	6	0,40	0,80	0,30	0,60	0,42	0,30	0,30	0,63	0,45	0,30
	SS.DSR M 10 / SS.FE.DSR M 10	10	0,70	1,40	0,50	1,00	0,70	0,50	0,50	1,05	0,75	0,50
	SS.DSR M 12 / SS.FE.DSR M 12	15	0,90	1,80	0,80	1,60	1,12	0,80	0,80	1,68	1,20	0,80
	SS.DSR M 14 / SS.FE.DSR M 14	30	1,20	2,40	1,00	2,00	1,40	1,00	1,00	2,10	1,50	1,00
	SS.DSR M 16 / SS.FE.DSR M 16	50	1,50	3,00	1,40	2,80	1,96	1,40	1,40	2,94	2,10	1,40
	SS.DSR M 18 / SS.FE.DSR M 18	70	1,50	3,00	1,40	2,80	1,96	1,40	1,40	2,94	2,10	1,40
	SS.DSR M 20 / SS.FE.DSR M 20	100	1,50	3,00	1,40	2,80	1,96	1,40	1,40	2,94	2,10	1,40
	SS.DSR M 22 / SS.FE.DSR M 22	120	2,80	5,60	2,20	4,40	3,08	2,20	2,20	4,62	3,30	2,20
	SS.DSR M 24	160	2,80	5,60	2,70	5,40	3,78	2,70	2,70	5,67	4,05	2,70
	SS.DSR M 27	200	2,90	5,80	2,80	5,60	3,92	2,80	2,80	5,88	4,20	2,80
	SS.DSR M 30	250	3,00	6,00	3,00	6,00	4,20	3,00	3,00	6,30	4,50	3,00

5:1

max. load in lbs	UNC THREADS	Torque (ft-lb)										
	Number of rings		1	2	1	2	2		Asymmetric	3 → 4		
	Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	Asymmetric
	Loading angle α		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
	SS.DSR U 025	3	650	1,300	400	800	560	400	400	840	600	400
	SS.DSR U 516 / SS.FE.DSR U 516	5	900	1,800	600	1,200	840	600	600	1,260	900	600
	SS.DSR U 038 / SS.FE.DSR U 038	8	1,400	2,800	1,000	2,000	1,400	1,000	1,000	2,100	1,500	1,000
	SS.DSR U 050 / SS.FE.DSR U 050	12	2,000	4,000	1,800	3,600	2,520	1,800	1,800	3,780	2,700	1,800
	SS.DSR U 058 / SS.FE.DSR U 058	40	3,500	7,000	2,500	5,000	3,500	2,500	2,500	5,250	3,750	2,500
	SS.DSR U 075 / SS.FE.DSR U 075	80	3,500	7,000	3,600	7,200	5,040	3,600	3,600	7,560	5,400	3,600
	SS.DSR U 078 / SS.FE.DSR U 078	90	7,000	14,000	5,000	10,000	7,000	5,000	5,000	10,500	7,500	5,000
	SS.DSR U 100	125	7,000	14,000	6,000	12,000	8,400	6,000	6,000	12,600	9,000	6,000

SS.DSS / SS.FE.DSS



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

4:1

max. load in t	METRIC THREADS		Torque (Nm)											
	Number of rings		1	2	1	2	2			3 → 4				
	Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric		
	Loading angle α		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°			
	SS.DSS M 24 / SS.FE.DSS M 24	160	2,70	5,40	2,70	5,40	3,78	2,70	2,70	5,67	4,05	2,70		
	SS.DSS M 30 / SS.FE.DSS M 30	250	3,50	7,00	3,50	7,00	4,90	3,50	3,50	7,35	5,25	3,50		
	SS.DSS M 33 / SS.FE.DSS M 33	250	3,50	7,00	3,50	7,00	4,90	3,50	3,50	7,35	5,25	3,50		
	SS.DSS M 36 / SS.FE.DSS M 36	320	5,00	10,00	5,00	10,00	7,00	5,00	5,00	10,50	7,50	5,00		
	SS.DSS M 36x3	320	5,00	10,00	5,00	10,00	7,00	5,00	5,00	10,50	7,50	5,00		
	SS.DSS M 39	320	5,00	10,00	5,00	10,00	7,00	5,00	5,00	10,50	7,50	5,00		
	SS.DSS M 42	400	6,00	12,00	6,00	12,00	8,40	6,00	6,00	12,60	9,00	6,00		
	SS.DSS M 42x3	400	6,00	12,00	6,00	12,00	8,40	6,00	6,00	12,60	9,00	6,00		
	SS.DSS M 45	400	6,00	12,00	6,00	12,00	8,40	6,00	6,00	12,60	9,00	6,00		
	SS.DSS M 48	600	6,40	12,80	6,40	12,80	8,96	6,40	6,40	13,44	9,60	6,40		
	SS.DSS M 48x3	600	6,40	12,80	6,40	12,80	8,96	6,40	6,40	13,44	9,60	6,40		
	SS.DSS M 48x4	600	6,40	12,80	6,40	12,80	8,96	6,40	6,40	13,44	9,60	6,40		
	SS.DSS M 52	600	6,40	12,80	6,40	12,80	8,96	6,40	6,40	13,44	9,60	6,40		
	SS.DSS M 56	600	8,00	16,00	8,00	16,00	11,20	8,00	8,00	16,80	12,00	8,00		
	SS.DSS M 56x4	600	8,00	16,00	8,00	16,00	11,20	8,00	8,00	16,80	12,00	8,00		

4:1

max. load in lbs	UNC THREADS	Torque (ft-lb)										
	Number of rings		1	2	1	2	2			3 → 4		
	Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
	Loading angle α		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
	SS.DSS U 100 / SS.FE.DSS U 100	125	6,000	12,000	6,000	12,000	8,400	6,000	6,000	12,600	9,000	6,000
	SS.DSS U 125 / SS.FE.DSS U 125	200	7,500	15,000	7,500	15,000	10,500	7,500	7,500	15,750	11,250	7,500
	SS.DSS U 138 / SS.FE.DSS U 138	240	7,500	15,000	7,500	15,000	10,500	7,500	7,500	15,750	11,250	7,500
	SS.DSS U 150 / SS.FE.DSS U 150	240	11,000	22,000	11,000	22,000	15,400	11,000	11,000	23,100	16,500	11,000
	SS.DSS U 200	450	14,000	28,000	14,000	28,000	19,600	14,000	14,000	29,400	21,000	14,000

SS.DSS / SS.FE.DSS



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

5:1

max. load in t	METRIC THREADS																																	
	Torque (Nm)		1		2		1		2		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric	
	Number of rings		1		2		1		2		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric	
	Loading angle α		0°		0°		90°		90°		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric	
	SS.DSS M 24 / SS.FE.DSS M 24		160		2,70		5,40		2,70		5,40		3,78		2,70		2,70		5,67		4,05		2,70											
	SS.DSS M 30 / SS.FE.DSS M 30		250		3,50		7,00		3,50		7,00		4,90		3,50		3,50		7,35		5,25		3,50											
	SS.DSS M 33 / SS.FE.DSS M 33		250		3,50		7,00		3,50		7,00		4,90		3,50		3,50		7,35		5,25		3,50											
	SS.DSS M 36 / SS.FE.DSS M 36		320		5,00		10,00		5,00		10,00		7,00		5,00		5,00		10,50		7,50		5,00											
	SS.DSS M 36X3		320		5,00		10,00		5,00		10,00		7,00		5,00		5,00		10,50		7,50		5,00											
	SS.DSS M 39		320		5,00		10,00		5,00		10,00		7,00		5,00		5,00		10,50		7,50		5,00											
	SS.DSS M 42		400		6,00		12,00		6,00		12,00		8,40		6,00		6,00		12,60		9,00		6,00											
	SS.DSS M 42x3		400		6,00		12,00		6,00		12,00		8,40		6,00		6,00		12,60		9,00		6,00											

5:1

max. load in lbs	UNC THREADS																																	
	Torque (ft-lb)		1		2		1		2		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric	
	Number of rings		1		2		1		2		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric	
	Loading angle α		0°		0°		90°		90°		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric		0° → 45°		45° → 60°		Asymmetric	
	SS.DSS U 100 / SS.FE.DSS U 100		125		6,000		12,000		6,000		12,000		8,400		6,000		6,000		12,600		9,000		6,000											
	SS.DSS U 125 / SS.FE.DSS U 125		200		7,500		15,000		7,500		15,000		10,500		7,500		7,500		15,750		11,250		7,500											
	SS.DSS U 138 / SS.FE.DSS U 138		240		7,500		15,000		7,500		15,000		10,500		7,500		7,500		15,750		11,250		7,500											
	SS.DSS U 150 / SS.FE.DSS U 150		240		11,000		22,000		11,000		22,000		15,400		11,000		11,000		23,100		16,500		11,000											



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

5:1

max. load in t	METRIC THREADS	Torque (Nm)										
	Number of rings		1	2	1	2	2	Asymmetric	3 → 4			
	Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	Asymmetric
	Loading angle α		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
	SS.SEB M 12	15	0,55	1,10	0,55	1,10	0,77	0,55	0,55	1,15	0,83	0,55
	SS.SEB M 16	50	1,20	2,40	1,20	2,40	1,68	1,20	1,20	2,52	1,80	1,20
	SS.SEB M 20	100	1,50	3,00	1,50	3,00	2,10	1,50	1,50	3,15	2,25	1,50
	SS.SEB M 24	100	2,50	5,00	2,50	5,00	3,50	2,50	2,50	5,25	3,75	2,50

4:1

max. load in t	METRIC THREADS	Torque (Nm)										
	Number of rings		1	2	1	2	2			3 → 4		
	Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
	Loading angle α		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
	SS.SEB M 12	15	0,55	1,10	0,55	1,10	0,77	0,55	0,55	1,15	0,83	0,55
	SS.SEB M 16	50	1,20	2,40	1,20	2,40	1,68	1,20	1,20	2,52	1,80	1,20
	SS.SEB M 20	100	1,50	3,00	1,50	3,00	2,10	1,50	1,50	3,15	2,25	1,50
	SS.SEB M 24	100	2,50	5,00	2,50	5,00	3,50	2,50	2,50	5,25	3,75	2,50



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

5:1

max. load in t	METRIC THREADS		Torque (Nm)										
	Number of rings			1	2	1	2	2			3 → 4		
	Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
	Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
DSP M 8	6			0,40	0,80	0,40	0,80	0,56	0,40	0,40	0,84	0,60	0,40
DSP M 10	10			0,70	1,40	0,70	1,40	0,98	0,70	0,70	1,47	1,05	0,70
DSP M 12	15			1,05	2,10	1,05	2,10	1,47	1,05	1,05	2,21	1,58	1,05
DSP M 14	30			1,40	2,80	1,40	2,80	1,96	1,40	1,40	2,94	2,10	1,40
DSP M 16	50			2,00	4,00	2,00	4,00	2,80	2,00	2,00	4,20	3,00	2,00
DSP M 18	70			2,30	4,60	2,30	4,60	3,22	2,30	2,30	4,83	3,45	2,30
DSP M 20	100			2,50	5,00	2,50	5,00	3,50	2,50	2,50	5,25	3,75	2,50

5:1

max. load in lbs	UNC THREADS		Torque (ft-lb)										
	Number of rings			1	2	1	2	2			3 → 4		
	Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
	Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
DSP U 516	7			1,000	2,000	1,000	2,000	1,400	1,000	1,000	2,100	1,500	1,000
DSP U 038	8			1,300	2,600	1,300	2,600	1,820	1,300	1,300	2,730	1,950	1,300
DSP U 050	12			2,400	4,800	2,400	4,800	3,360	2,400	2,400	5,040	3,600	2,400
DSP U 058	40			3,900	7,800	3,900	7,800	5,460	3,900	3,900	8,190	5,850	3,900
DSP U 075	80			5,250	10,500	5,250	10,500	7,350	5,250	5,250	11,025	7,875	5,250



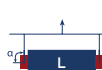
LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

5:1

METRIC THREADS

Torque
(Nm)



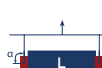
max. load in t

Number of rings		1	2	1	2	2			3 → 4		
Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
Loading angle α		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
DSH M 8	6	0,40	0,80	0,40	0,80	0,56	0,40	0,40	0,84	0,60	0,40
DSH M 10	10	0,70	1,40	0,70	1,40	0,98	0,70	0,70	1,47	1,05	0,70
DSH M 12	15	1,05	2,10	1,05	2,10	1,47	1,05	1,05	2,21	1,58	1,05
DSH M 14	30	1,40	2,80	1,40	2,80	1,96	1,40	1,40	2,94	2,10	1,40
DSH M 16	50	2,00	4,00	2,00	4,00	2,80	2,00	2,00	4,20	3,00	2,00
DSH M 18	70	2,30	4,60	2,30	4,60	3,22	2,30	2,30	4,83	3,45	2,30
DSH M 20	100	2,50	5,00	2,50	5,00	3,50	2,50	2,50	5,25	3,75	2,50

5:1

UNC THREADS

Torque
(ft-lb)



max. load in lbs

Number of rings		1	2	1	2	2			3 → 4		
Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
Loading angle α		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
DSH U 516	7	1,000	2,000	1,000	2,000	1,400	1,000	1,000	2,100	1,500	1,000
DSH U 038	8	1,300	2,600	1,300	2,600	1,820	1,300	1,300	2,730	1,950	1,300
DSH U 050	12	2,400	4,800	2,400	4,800	3,360	2,400	2,400	5,040	3,600	2,400
DSH U 058	40	3,900	7,800	3,900	7,800	5,460	3,900	3,900	8,190	5,850	3,900
DSH U 075	80	5,250	10,500	5,250	10,500	7,350	5,250	5,250	11,025	7,875	5,250



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

5:1

max. load in t

METRIC THREADS		Torque (Nm)										
Number of rings			1	2	1	2	2			3 → 4		
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
TSR M 8	6		0,40	0,80	0,40	0,80	0,56	0,40	0,40	0,84	0,60	0,40
TSR M 10	10		0,70	1,40	0,70	1,40	0,98	0,70	0,70	1,47	1,05	0,70
TSR M 12	15		1,05	2,10	1,05	2,10	1,47	1,05	1,05	2,21	1,58	1,05
TSR M 14	30		1,40	2,80	1,40	2,80	1,96	1,40	1,40	2,94	2,10	1,40
TSR M 16	50		2,00	4,00	2,00	4,00	2,80	2,00	2,00	4,20	3,00	2,00
TSR M 18	70		2,30	4,60	2,30	4,60	3,22	2,30	2,30	4,83	3,45	2,30
TSR M 20	100		2,50	5,00	2,50	5,00	3,50	2,50	2,50	5,25	3,75	2,50
TSR M 22	120		3,00	6,00	3,00	6,00	4,20	3,00	3,00	6,30	4,50	3,00
TSR M 24	160		4,00	8,00	4,00	8,00	5,60	4,00	4,00	8,40	6,00	4,00
TSR M 27	200		5,00	10,00	5,00	10,00	7,00	5,00	5,00	10,50	7,50	5,00
TSR M 30	250		6,30	12,60	6,30	12,60	8,82	6,30	6,30	13,23	9,45	6,30
TSR M 36	320		10,00	20,00	10,00	20,00	14,00	10,00	10,00	21,00	15,00	10,00
TSR M 42	400		12,50	25,00	12,50	25,00	17,50	12,50	12,50	26,25	18,75	12,50
TSR M 48	600		20,00	40,00	20,00	40,00	28,00	20,00	20,00	42,00	30,00	20,00
TSR M 56	600		22,00	44,00	22,00	44,00	30,80	22,00	22,00	46,20	33,00	22,00

4:1

5:1

max. load in lbs

UNC THREADS		Torque (ft-lb)										
Number of rings			1	2	1	2	2			3 → 4		
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
TSR U 516	7		1,000	2,000	1,000	2,000	1,400	1,000	1,000	2,100	1,500	1,000
TSR U 038	8		1,300	2,600	1,300	2,600	1,820	1,300	1,300	2,730	1,950	1,300
TSR U 050	12		2,400	4,800	2,400	4,800	3,360	2,400	2,400	5,040	3,600	2,400
TSR U 058	40		3,900	7,800	3,900	7,800	5,460	3,900	3,900	8,190	5,850	3,900
TSR U 075	80		5,250	10,500	5,250	10,500	7,350	5,250	5,250	11,025	7,875	5,250
TSR U 078	90		6,600	13,200	6,600	13,200	9,240	6,600	6,600	13,860	9,900	6,600
TSR U 100	125		10,000	20,000	10,000	20,000	14,000	10,000	10,000	21,000	15,000	10,000
TSR U 125	200		14,000	28,000	14,000	28,000	19,600	14,000	14,000	29,400	21,000	14,000
TSR U 150	240		20,000	40,000	20,000	40,000	28,000	20,000	20,000	42,000	30,000	20,000
TSR U 200	450		50,000	100,000	50,000	100,000	70,000	50,000	50,000	105,000	75,000	50,000

4:1

DSS 8UN



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

4:1

8UN THREADS	Torque (Nm)										
Number of rings		1	2	1	2	2		Asymmetric	3 → 4		
Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
Loading angle α		0°	0°	90°	90°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
DSS U 118 8UN	150	11,000	22,000	11,000	22,000	15,400	11,000	11,000	23,100	16,500	11,000
DSS U 125 8UN	200	14,000	28,000	14,000	28,000	19,600	14,000	14,000	29,400	21,000	14,000
DSS U 138 8UN	240	20,000	40,000	20,000	40,000	28,000	20,000	20,000	42,000	30,000	20,000
DSS U 150 8UN	240	20,000	40,000	20,000	40,000	28,000	20,000	20,000	42,000	30,000	20,000
DSS U 175 8UN	300	27,000	54,000	27,000	54,000	37,800	27,000	27,000	56,700	40,500	27,000
DSS U 200 8UN	450	50,000	100,000	50,000	100,000	70,000	50,000	50,000	105,000	75,000	50,000

max. load in lbs

5:1

8UN THREADS	Torque (ft-lb)										
Number of rings		1	2	1	2	2		Asymmetric	3 → 4		
Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
Loading angle α		0°	0°	90°	90°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
DSS U 118 8UN	150	11,000	22,000	11,000	22,000	15,400	11,000	11,000	23,100	16,500	11,000
DSS U 125 8UN	200	14,000	28,000	14,000	28,000	19,600	14,000	14,000	29,400	21,000	14,000
DSS U 138 8UN	240	20,000	40,000	20,000	40,000	28,000	20,000	20,000	42,000	30,000	20,000
DSS U 150 8UN	240	20,000	40,000	20,000	40,000	28,000	20,000	20,000	42,000	30,000	20,000
DSS U 175 8UN	300	27,000	54,000	27,000	54,000	37,800	27,000	27,000	56,700	40,500	27,000
DSS U 200 8UN *	/	/	/	/	/	/	/	/	/	/	/

max. load in lbs

* In certification process / En cours d'homologation / In Entwicklungsphase / En proceso de homologación

DSR + SPACER



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

4:1

max. load in t

METRIC THREADS		Torque (Nm)										
Number of rings			1	2	1	2	2			3 → 4		
Lifting angle β			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
Loading angle α			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
DSR M8 SPA3050	6		1,00	2,00	0,18	0,36	0,25	0,18	0,18	0,38	0,27	0,18
DSR M10 SPA3050	10		1,50	3,00	0,26	0,52	0,36	0,26	0,26	0,55	0,39	0,26
DSR M12 SPA3050	15		1,50	3,00	0,36	0,72	0,50	0,36	0,36	0,76	0,54	0,36
DSR M16 SPA4550	50		2,80	5,60	0,86	1,72	1,20	0,86	0,86	1,81	1,29	0,86
DSR M16 SPA45100	50		2,80	5,60	0,55	1,10	0,77	0,55	0,55	1,16	0,83	0,55
DSR M20 SPA4550	100		2,80	5,60	1,26	2,52	1,76	1,26	1,26	2,65	1,89	1,26
DSR M20 SPA45100	100		2,80	5,60	0,78	1,56	1,09	0,78	0,78	1,64	1,17	0,78
DSR M24 SPA6050	160		6,50	13,00	2,39	4,78	3,35	2,39	2,39	5,02	3,59	2,39
DSR M24 SPA60100	160		6,50	13,00	1,46	2,92	2,04	1,46	1,46	3,07	2,19	1,46
DSR M30 SPA6050	250		6,50	13,00	3,58	7,16	5,01	3,58	3,58	7,52	5,37	3,58
DSR M30 SPA60100	250		6,50	13,00	2,05	4,10	2,87	2,05	2,05	4,31	3,08	2,05

WE.DSR / WE.DSS



LOAD ANGLE CHART

α max : 90° / β max : 60°
L : Load

5:1

max. load in t

METRIC THREADS											
Number of rings		1	2	1	2	2		Asymmetric	3 → 4		
Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	Asymmetric
Loading angle α		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
WE.DSR 2		2,00	4,00	2,00	4,00	2,80	2,00	2,00	4,20	3,00	2,00
WE.DSR 5		5,00	10,00	5,00	10,00	7,00	5,00	5,00	10,50	7,50	5,00
WE.DSS 10		10,00	20,00	10,00	20,00	14,00	10,00	10,00	21,00	15,00	10,00