

De-centered Lifting Point DLP

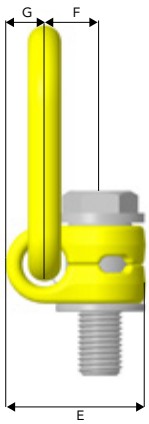
Stock No. Standard Bolt Length	L (mm)	Stock No. Long Bolt Length**	L2 (mm)	Code	Dimensions (mm)											Weight (kg)***
					B	C	D	E	F	G	L1	M	X	Y	Z	
Z102208	13	Z1022080L	97.5	DLP-M8 x 1.25	35	48	10	39	14	10	78	8	30	55	26	0.3
Z102210	13	Z1022100L	97.5	DLP -M10 x 1.5	35	48	10	39	14	10	78	10	30	55	26	0.3
Z102212	23	Z1022120L	118	DLP -M12 x 1.75	35	48	12	51	20	14	91	12	44	59	32	0.5
Z102216	23	Z1022160L	158	DLP-M16 x 2	35	48	12	51	20	14	91	16	44	59	32	0.5
Z102220	34	Z1022200L	198	DLP-M20 x 2.5	54	88	18	71	28	18	145	20	58	90	48	1.6
Z102224	34	Z1022240L	238	DLP-M24 x 3	54	88	18	71	28	18	145	24	58	90	48	1.7
Z102230	53	Z1022300L	295	DLP-M30 x 3.5	82	94	26	104	39	27	182	30	88	122	75	5.0
Z102236	53	Z1022360L	295	DLP-M36 x 4	82	94	26	104	39	27	182	36	88	122	75	5.2
Z102242	73	Z1022420L	293	DLP-M42 x 4.5	100	104	36	136	54	34	216	42	113	156	110	11.6
Z102248	73	Z1022480L	293	DLP-M48 x 5	100	103	36	136	54	34	216	48	113	156	110	11.9

** Long Bolt supplied with nut and washer. *** Weight is calculated with standard bolt length.
Bolt, nut and washer according to: ISO 898-1 Class 10.9

DLP with UNC thread

Stock No. Standard Bolt Length	L (mm)	Stock No. Long Bolt Length**	L2 (mm)	Code	Dimensions (mm)										M (in)	Weight (kg)***
					B	C	D	E	F	G	L1	X	Y	Z		
Z102308	13	Z1023080L	97.5	DLP-5/16"-18 UNC	35	48	10	39	14	10	78	30	55	26	5/16"	0.3
Z102310	13	Z1023100L	97.5	DLP-3/8"-16 UNC	35	48	10	39	14	10	78	30	55	26	3/8"	0.3
Z102312	23	Z1023120L	118	DLP-1/2"-13 UNC	35	48	12	51	20	14	91	44	59	32	1/2"	0.5
Z102316	23	Z1023160L	158	DLP-5/8"-11 UNC	35	48	12	51	20	14	91	44	59	32	5/8"	0.5
Z102320	34	Z1023200L	198	DLP-3/4"-10 UNC	54	88	18	71	28	18	145	58	90	48	3/4"	1.6
Z102321	34	Z1023210L	198	DLP-7/8"-9 UNC	54	88	18	71	28	18	145	58	90	48	7/8"	1.6
Z102324	34	Z1023240L	238	DLP-1"-8 UNC	54	88	18	71	28	18	145	58	90	48	1"	1.7
Z102330	53	Z1023300L	295	DLP- 1 1/4"-7 UNC	82	94	26	104	39	27	182	88	122	75	1 1/4"	5.5
Z102336	53	Z1023360L	295	DLP-1 1/2"-6 UNC	82	94	26	104	39	27	182	88	122	75	1 1/2"	5.7
Z102342	73	Z1023420L	293	DLP-1 3/4"-5 UNC	100	103	36	136	54	34	216	113	156	110	1 3/4"	11.7
Z102348	73	Z1023480L	293	DLP-2"- 4.5 UNC	100	103	36	136	54	34	216	113	156	110	2"	12.1

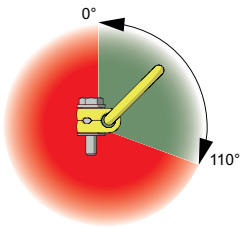
** Long Bolt supplied with nut and washer. *** Weight is calculated with standard bolt length.
Bolt, nut and washer according to: ISO 898-1 Class 10.9



Working Load Limits - DLP

4:1 Design Factor.

Symmetric Load (tonnes)								
No. of Legs	1	2	2 Symmetric		3 & 4 Symmetric			
Angle ß	0°< ß < 90°	0°< ß < 90°	0 - 45°	45° - 60°	0 - 45°	45° - 60°	Tightening Torque	Spanner Size
DLP-M8	0.35	0.70	0.5	0.35	0.7	0.5	10 Nm	13 mm
DLP-5/16"-18 UNC	0.35	0.70	0.5	0.35	0.7	0.5	7Ft.lb	1/2"
DLP -M10	0.65	1.30	0.9	0.65	1.4	1.0	15 Nm	13 mm
DLP-3/8"-16 UNC	0.60	1.20	0.8	0.60	1.3	0.9	11Ft.lb	1/2"
DLP -M12	1.0	2.0	1.4	1.0	2.1	1.5	27 Nm	24 mm
DLP-1/2"-13 UNC	1.0	2.0	1.4	1.0	2.1	1.5	20Ft.lb	15/16"
DLP-M16	1.8	3.6	2.5	1.8	3.7	2.7	60 Nm	24 mm
DLP-5/8"-11 UNC	1.6	3.2	2.2	1.6	3.3	2.4	44Ft.lb	15/16"
DLP - M20x2.5	2.6	5.2	3.6	2.6	5.4	3.9	90 Nm	32 mm
DLP 3/4"-10 UNC	2.2	4.4	3.0	2.2	4.6	3.3	66Ft.lb	1 5/16"
DLP 7/8"-9 UNC	2.6	5.2	3.6	2.6	5.4	3.9	66Ft.lb	1 5/16"
DLP - M24x3	4.1	8.2	5.7	4.1	8.6	6.1	135 Nm	32 mm
DLP 1"-8 UNC	4.1	8.2	5.7	4.1	8.6	6.1	100Ft.lb	1 5/16"
DLP - M30x3.5	5.0	10.0	7.0	5.0	10.5	7.5	270 Nm	55 mm
DLP 1 1/4"-7 UNC	5.0	10.0	7.0	5.0	10.5	7.5	200Ft.lb	2 1/4"
DLP - M36x4	7.0	14.0	9.8	7.0	14.7	10.5	320 Nm	55 mm
DLP 1 1/2"-6 UNC	7.0	14.0	9.8	7.0	14.7	10.5	236Ft.lb	2 1/4"
DLP - M42x4.5	15.0	30.0	21.0	15.0	31.5	22.5	600 Nm	75 mm
DLP 1 3/4"-5 UNC	15.0	30.0	21.0	15.0	31.5	22.5	440Ft.lb	3"
DLP - M48x5	20.0	40.0	28.0	20.0	42.0	30.0	800 Nm	75 mm
DLP 2"-4.5 UNC	20.0	40.0	28.0	20.0	42.0	30.0	590Ft.lb	3"



- The DLP can only be loaded from 0° to 110° degrees
- Rotation around screw axis when loaded at 0°-15° is not allowed.

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