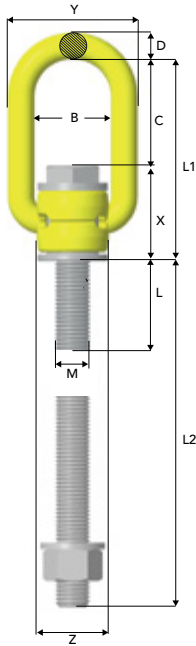


De-centered Lifting Point DLP



Stock No. Standard Bolt Length	L (in)	Stock No. Long Bolt Length**	L2 (in)	Code	Dimensions (in)											Weight (lb)***
					B	C	D	E	F	G	L1	M	X	Y	Z	
Z102208	0.51	Z1022080L	3.83	DLP-M8 x 1.25	1.38	1.88	0.39	1.54	0.55	0.39	3.07	0.31	1.18	2.16	1.02	0.66
Z102210	0.51	Z1022100L	3.83	DLP-M10 x 1.5	1.38	1.88	0.39	1.54	0.55	0.39	3.07	0.39	1.18	2.16	1.02	0.66
Z102212	0.90	Z1022120L	4.64	DLP-M12 x 1.75	1.38	1.88	0.47	2.01	0.79	0.55	3.58	0.47	1.73	2.32	1.25	1.10
Z102216	0.90	Z1022160L	6.22	DLP-M16 x 2	1.38	1.88	0.47	2.01	0.79	0.55	3.58	0.62	1.73	2.32	1.25	1.10
Z102220	1.33	Z1022200L	7.79	DLP-M20 x 2.5	2.13	3.46	0.70	2.8	1.1	0.70	5.70	0.78	2.28	3.54	1.88	3.52
Z102224	1.33	Z1022240L	9.37	DLP-M24 x 3	2.13	3.46	0.70	2.8	1.1	0.70	5.70	0.94	2.28	3.54	1.88	3.74
Z102230	2.08	Z1022300L	11.6	DLP-M30 x 3.5	3.23	3.70	1.02	4.09	1.54	1.06	7.16	1.18	3.46	4.80	2.95	11.0
Z102236	2.08	Z1022360L	11.6	DLP-M36 x 4	3.23	3.70	1.02	4.09	1.54	1.06	7.16	1.41	3.46	4.80	2.95	11.4
Z102242	2.87	Z1022420L	11.5	DLP-M42 x 4.5	3.94	4.09	1.41	5.35	2.13	1.33	8.50	1.65	4.44	6.14	4.33	25.5
Z102248	2.87	Z1022480L	11.5	DLP-M48 x 5	3.94	4.05	1.41	5.35	2.13	1.33	8.50	1.88	4.44	6.14	4.33	26.2

** 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

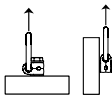
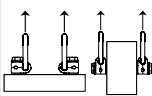
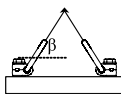
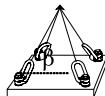
DLP with UNC thread

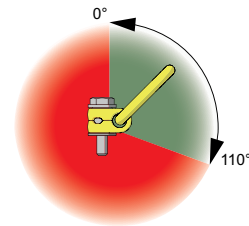


Stock No. Standard Bolt Length	L (in)	Stock No. Long Bolt Length**	L2 (in)	Code	Dimensions (in)											Weight (lb)***
					B	C	D	E	F	G	L1	X	Y	Z	M	
Z102308	0.51	Z1023080L	3.83	DLP-5/16"-18 UNC	1.38	1.88	0.39	1.53	0.55	0.39	3.07	1.18	2.16	1.02	5/16"	0.66
Z102310	0.51	Z1023100L	3.83	DLP-3/8"-16 UNC	1.38	1.88	0.39	1.53	0.55	0.39	3.07	1.18	2.16	1.02	3/8"	0.66
Z102312	0.90	Z1023120L	4.64	DLP-1/2"-13 UNC	1.38	1.88	0.47	2.00	0.79	0.55	3.58	1.73	2.32	1.25	1/2"	1.10
Z102316	0.90	Z1023160L	6.22	DLP-5/8"-11 UNC	1.38	1.88	0.47	2.00	0.79	0.55	3.58	1.73	2.32	1.25	5/8"	1.10
Z102320	1.33	Z1023200L	7.79	DLP-3/4"-10 UNC	2.13	3.46	0.70	2.79	1.1	0.70	5.70	2.28	3.54	1.88	3/4"	3.52
Z102321	1.33	Z1023210L	7.79	DLP-7/8"-9 UNC	2.13	3.46	0.70	2.79	1.1	0.70	5.70	2.28	3.54	1.88	7/8"	3.52
Z102324	1.33	Z1023240L	9.37	DLP-1"-8 UNC	2.13	3.46	0.70	2.79	2.8	0.70	5.70	2.28	3.54	1.88	1"	3.74
Z102330	2.08	Z1023300L	11.6	DLP-1 1/4"-7 UNC	3.23	3.70	1.02	4.09	1.54	1.06	7.16	3.46	4.80	2.95	1 1/4"	12.1
Z102336	2.08	Z1023360L	11.6	DLP-1 1/2"-6 UNC	3.23	3.70	1.02	4.09	1.54	1.06	7.16	3.46	4.80	2.95	1 1/2"	12.5
Z102342	2.87	Z1023420L	11.5	DLP-1 3/4"-5 UNC	3.94	4.05	1.41	5.35	2.13	1.33	8.50	4.44	6.14	4.33	1 3/4"	25.7
Z102348	2.87	Z1023480L	11.5	DLP-2"-4.5 UNC	3.94	4.05	1.41	5.35	2.13	1.33	8.50	4.44	6.14	4.33	2"	26.6

** 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 (lb)								
No. of Legs	1	2	2 Symmetric		3 & 4 Symmetric		Tightening Torque	Spanner Size
Angle β	0°-90°	0°-90°	45°	30°	45°	30°		
DLP-M8	771	1543	1102	771	1543	1102	10 Nm	13 mm
DLP-5/16"-18 UNC	771	1543	1102	771	1543	1102	7Ft.lb	1/2"
DLP-M10	1433	2865	1984	1433	3086	2204	15 Nm	13 mm
DLP-3/8"-16 UNC	1322	2645	1763	1322	2865	2204	11Ft.lb	1/2"
DLP-M12	2204	4408	3086	2204	4628	3306	27 Nm	24 mm
DLP-1/2"-13 UNC	2204	4408	3086	2204	4628	3306	20Ft.lb	15/16"
DLP-M16	3967	7934	5510	3967	8155	5951	60 Nm	24 mm
DLP-5/8"-11 UNC	3526	7053	4849	3526	7273	5290	44Ft.lb	15/16"
DLP - M20x2.5	5730	11461	7714	5730	11902	8596	90 Nm	32 mm
DLP 3/4"-10 UNC	4849	9698	6612	4849	10138	7273	66Ft.lb	1 5/16"
DLP 7/8"-9 UNC	5730	11461	7934	5730	11902	8596	66Ft.lb	1 5/16"
DLP - M24x3	9036	18073	12563	9036	18954	13444	135 Nm	32 mm
DLP 1"-8 UNC	9036	18073	12563	9036	18954	13444	100Ft.lb	1 5/16"
DLP - M30x3.5 (Preliminary)	11020	22040	15428	11020	23142	16530	270 Nm	55 mm
DLP 1 1/4"-7 UNC (Preliminary)	11020	22040	15428	11020	23142	16530	200Ft.lb	2 1/4"
DLP - M36x4 (Preliminary)	15428	30856	21599	15428	32399	23142	320 Nm	55 mm
DLP 1 1/2"-6 UNC (Preliminary)	15428	30856	21599	15428	32399	23142	236Ft.lb	2 1/4"
DLP - M42x4.5 (Preliminary)	33060	66120	46284	33060	69426	49590	600 Nm	75 mm
DLP 1 3/4"-5 UNC (Preliminary)	33060	66120	46284	33060	69426	49590	440Ft.lb	3"
DLP - M48x5 (Preliminary)	44080	88160	61712	44080	92568	66120	800 Nm	75 mm
DLP 2"-4.5 UNC (Preliminary)	44080	88160	61712	44080	92568	66120	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.