

# Green Pin® Fixed Nut Shackles

## with safety bolt

Sometimes shackles are not used for lifting applications but for more permanent constructions. These can be subject to dynamic loads and/or extreme vibrations. In such applications there is a risk that, over time, the nut starts moving over the thread. To avoid risk we offer our range of Green Pin® Fixed Shackles.

Green Pin® Standard, Polar and Super shackles can be equipped with a feature that consists of an extra AISI 316 securing bolt which is drilled through the nut and shackle pin. This securing bolt is fastened with two sets of Nord-Lock® washers and a securing nut. This will keep the shackle nut in position. The Nord-Lock wedge-locking washers lock when subjected to extreme vibration or dynamic loads.

Green Pin® Fixed Nut Shackles will be available on requests only.

diameter		securing bolt		torque	G-4143		G-4133		G-5143		G-5243	
body	pin	thread	length		Safety Bow		Safety Dee		Polar		Super	
a	b	c	d	Nm	WLL	Code	WLL	Code	WLL	Code	WLL	Code
mm	mm	mm	mm		tons		tons		tons		tons	
13.5	16	M6	35	9.2	2	12601	2	12701	2	12801	3.3	12901
16	19	M6	45	9.2	3.25	12602	3.25	12702	3.25	12802	5	12902
19	22	M6	50	9.2	4.75	12603	4.75	12703	4.75	12803	7	12903
22	25	M8	50	22	6.5	12604	6.5	12704	6.5	12804	9.5	12904
25	28	M8	55	22	8.5	12605	8.5	12705	8.5	12805	12.5	12905
28	32	M10	65	43	9.5	12606	9.5	12706	9.5	12806	15	12906
32	35	M10	70	43	12	12607	12	12707	12	12807	18	12907
35	38	M10	75	43	13.5	12608	13.5	12708	13.5	12808	21	12908
38	42	M8	80	22	17	12609	17	12709	17	12809	30	12909
45	50	M8	100	22	25	12610	25	12710	25	12810	40	12910
50	57	M10	110	43	35	12611	35	12711	35	12811		
57	57	M10	110	43							55	12911
57	65	M12	120	75	42.5	12612	42.5	12712	42.5	12812		
65	70	M12	130	75	55	12613	55	12713	55	12813		
70	70	M12	130	75							85	12912
75	83	M12	150	75	85	12614	85	12714	85	12814		
83	83	M12	150	75							120	12913