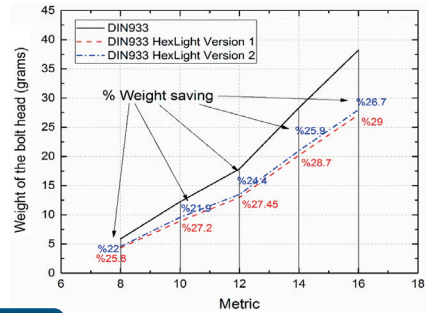


Light-Weight Hex Bolts

Hex-Light bolts are specially designed for light weighting.

Head geometry is compatible with all standard hex-tightening bits.

Light-weighting ratio for bolt head changes between 22% and 29% for different versions.



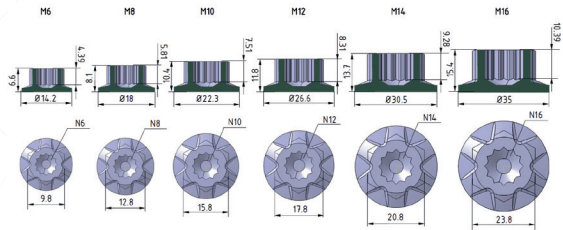
VERSION 1



VERSION 2



VERSION 3



	M6	M8	M10	M12	M14	M16
EN 15071 (g)	4.215	7.133	14.211	23.576	33.812	56.504
HexLight (g)	2.949	5.251	10.766	16.739	23.973	38.504
Weight gain ratio	30%	26.3%	24.2%	29%	29.1%	31.85%

	M6x1.0	M8x1.25	M10x1.5	M12x1.75	M14x2.0	M16x2.0
EN 1665 (g)	5.18	10.45	20.35	30.65	47.84	70.63
HexLight version of EN 1665 (g)	3.859	7.84	14.25	21.67	33.77	50.151
Weight gain	-1.321 g -25.5%	-2.609 g -25%	-5.829 g -28.6%	-8.978 g -29.2%	-14.069 g -29.4%	-20.479 g -28.9%

for more information:

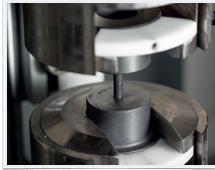
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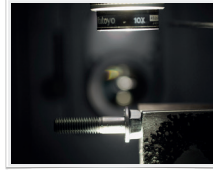
- ✓ Perthometer
- ✓ Profile Projection
- ✓ Video Projection
- ✓ Thermal Camera



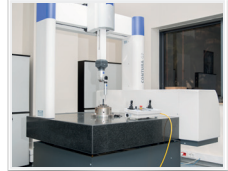
- ✓ Hardness Measurement Testers
- ✓ Coordinate Measuring Machine (CMM)



- ✓ Fastener Self Alignment Testing Aparatus
- ✓ Atlas Copco ST Wrench
- ✓ MakerBot Replicator 3D Printer



- ✓ Spectrometer
- ✓ Mechanical & Statical Testers
- ✓ Optical Microscopes
- ✓ Stereo - zoom Microscopes
- ✓ Molding, Cutting and Polishing Equipments



- ✓ Fatigue Tester
- ✓ Torque - Tension Tester
- ✓ Bi - axial Vibration Tester

for more information:

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