




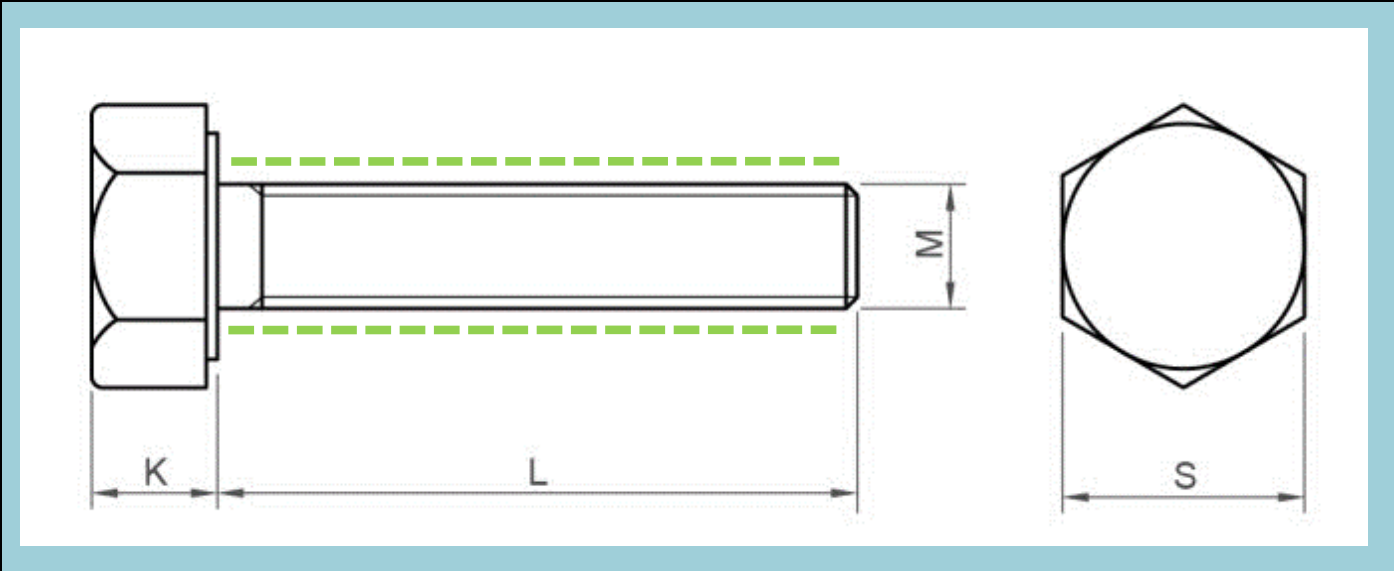


Din 931		Hexagon Head Partially Threaded Bolt		ISO 4014
Available Grades and Coatings		Grade 8.8	Zinc Plated	
		Grade 10.9	Zinc	
		Grade 12.9	Self Colour	
Fitting Tool	Socket, Ring or Open Spanner	A2	A2 Stainless Steel	
		A4	A4 Stainless Steel	



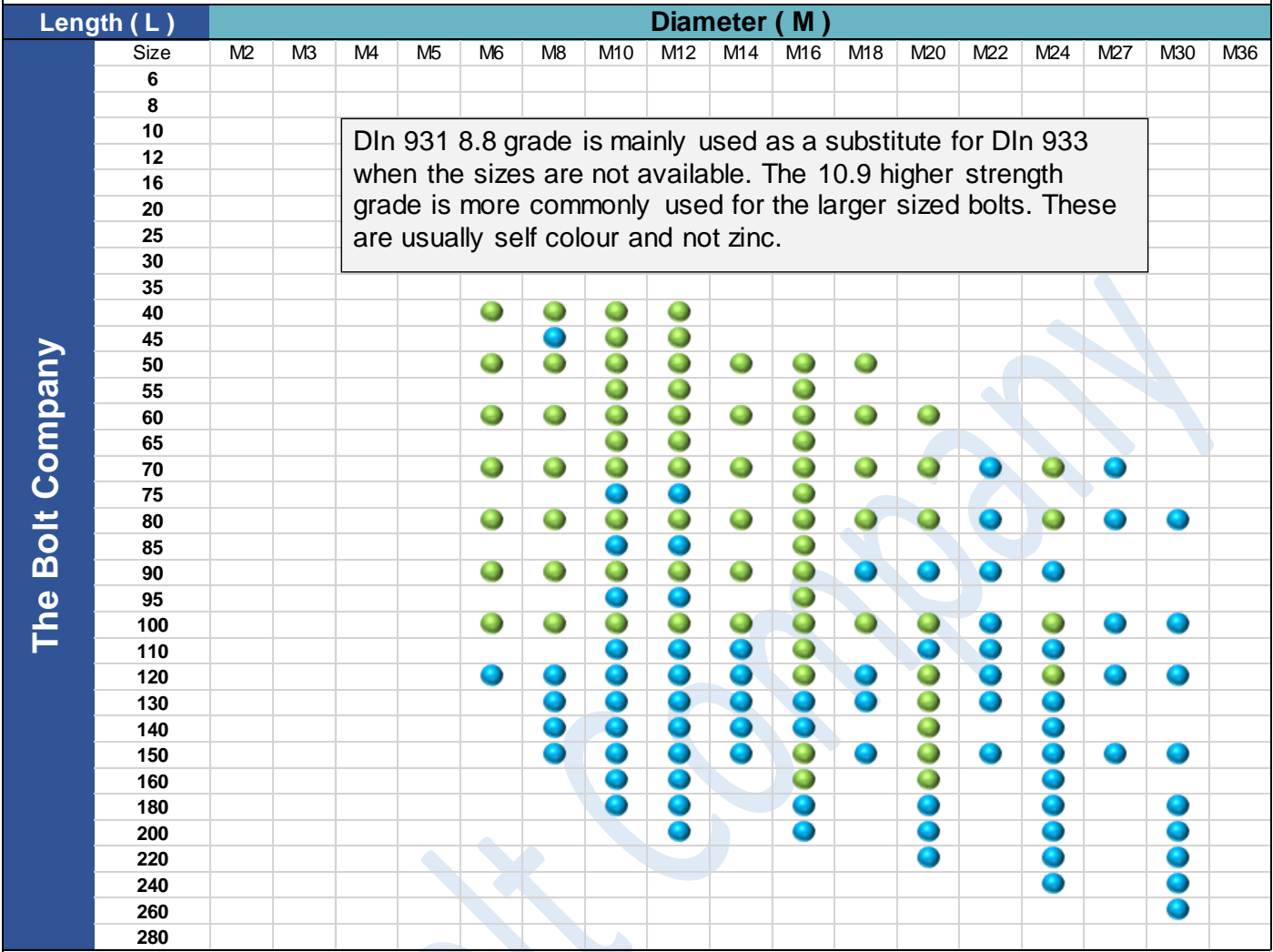
Thread Calculations

The length of the tread for a 931 over 60mm long can normally be calculated by, twice the diameter of the fixing plus 6 mm. This calculation is a rough guide and cannot be used for smaller length pieces under 60 mm long or less than 4 mm diameter

Din 931

Hexagon Head Partially Threaded Bolt

ISO 4014



DIn 931 8.8 grade is mainly used as a substitute for DIn 933 when the sizes are not available. The 10.9 higher strength grade is more commonly used for the larger sized bolts. These are usually self colour and not zinc.

The Bolt Company

Chart Information

The green dots represent that these sizes are considered standard and normally have a stock holding on the shelf. The blue dots identify, non preferred items that can typically be ordered or have a small stock holding. The white spaced represent sizes that are non standard and therefore require specify ordering or may not be available at all. You can contact the sales team and they can advise if there is a likelihood of these sizes be sourced.

Ordering Information	Coatings		Colour Key Information		Graphic
	Zinc	●	Standard product and is usually readily available	●	
Self Colour	●	Non standard needs to be ordered or small stock holding only		●	
Stainless A2	●		Non standard typically not available specific enquiry only		
A4 Stainless	●				
Galvanised	●	Products ordered are based on box quantities only which may vary			
Zinc Flake					
Brass					
Nylon					



Din 931

Hexagon Head Partially Threaded Bolt

ISO 4014

Technical Date	The strength grade for a standard Din 931 Hexagon Partially Threaded Bolt 8.8 Ken The requirement for additional strength products can be viewed under din code 10931 or more communally a partially threaded Bolt Din 931 10.9 Grade	
	8.8 Grade are normally zinc coated 10.9 grade are self colour	<i>The Bolt Company Team</i>