Materials & **finishes**

This is a guide only, please always consult your engineer.

Type of Finish	Icon	Base Material	Characteristics
Plain	PL	Steel	Natural uncoated finish
Bright Steel	BS	Steel	Uncoated finish
Black Phosphate	BP	Steel	Added protection when oiled with good lubricity
Black Zinc Plating	BZ	Steel	Zinc plating with black chromate treatment
Zinc Plating	ZP	Steel	Blue to blue-white silver colour
Zinc Yellow Plating	ZY	Steel	Zinc plating with yellow chromate treatment
Zinc Clear Plating	ZC	Steel	Zinc plating with clear chromate treatment
Galvanised	GAL	Steel	Protective zinc coating to steel or iron against rusting. Can be hot dip galvanised or mechanical galvanised
Hot Dip Galvanised	HDG	Steel	Rough grey finish with a thicker zinc coating for better corrosion resistance, making it suitable for outdoor use
Mechanical Galvanised	MG	Steel	A coating of zinc is applied to the part at room temperate by a mechanical process. No risk of hydrogen embrittlement
Chrome Finish	CF	Most Metals	Smooth and polished appearance. Moderate corrosion resistance

Type of Material	Icon	Base Material	Characteristics
Aluminium	AL	Aluminum	Silvery-white metal. Lightweight, flexible and corrosion resistant. Can be alloyed with many different elements to increase strength
Brass	BR	Brass	An alloy of copper and zinc. Good electrical and thermal conductivity
Nylon	NL	Nylon	Synthetic thermoplastic polymer
Stainless Steel	SS	Stainless Steel	Corrosion resistance steel
Stainless Steel G304	A2	Stainless Steel	Authentic Stainless Steel containing approximately 18% Chromium and 8% Nickel good corrosion resistance. Suitable for outdoor and some water applications
Stainless Steel G316	A4	Stainless Steel	Authentic Stainless Steel containing 16% Chromium, 10% Nickel and 2% Molybdenum, making is suitable for marine applications where there is exposure to salt and chlorinat-ed water