

Surface Finishes and Fastener Matrix

Threaded Inserts

This chart aims to show you what surface finish options are possible to apply to our standard Threaded Inserts as "customer specials".

- For painted inserts, let us know the colour specification - such as the "RAL" code - if you know it. We can then match the colour precisely.
- We have many finish options for better corrosion resistance. Please contact us and our Application Engineers can help you choose the best solution for your needs.

Key to the symbols

		Hours to		Threaded Inserts
		white rust	red rust	
Y	Yes, this finish is technically proven and has been applied on this type of fastener (or fastener component) in the past. Note however a minimum order quantity may apply.			
Q	The finish is technically possible but will require review by our Production Team to give you a price. Please submit an enquiry and we can start preparing a quote for you straight away.			
Surface Finish	Colour	white rust	red rust	Body
Component Base Material				

Aluminium

Anodise and dye	As required	n/a	n/a	Q
Mechanical polishing	Natural (shiny)	n/a	n/a	Q

Steel

Black oxide	Black			Q
Black oxide coating	Black			Q
Clear Delta®-Seal	Clear	480		Q
Corrosion prevention of unplated items				Y
Electroplated zinc base coat + aluminium-rich organic top coat (Magni 560)	Silver/Grey		860	Q
Inorganic zinc-rich base coat + aluminium-rich top coat (Magni 565)	Silver/Grey		860	Q
Light blue Delta®-Seal Duplex	Blue			Q
Mechanical zinc + clear passivation + top coat	Silver/Grey	72	384	Q
Phosphate	Black		7	Y
Phosphate + Delta®-Tone + black Delta®-Seal GZ	Black (matt)		240	Q
Phosphate + silver Delta®-Tone + silver Delta®-Seal	Silver/Grey	120	240	Q
Tin/Zinc self colour	Grey	48	1000	Y
Zinc + black Delta®-Seal GZ	Black (matt)	120	240	Y
Zinc + black passivation / Class 5 Type 11	Black (matt)	24	72	Q
Zinc + clear passivation	Clear	96	240	Y
Zinc + clear passivation + top seal	Clear	96	384	Y
Zinc + clear passivation + leach and seal / Class 5 Type 1 (Ford S437)	Clear	120	400	Q
Zinc + clear passivation + top seal/torque modifier	Clear	96	240	Y
Zinc + silver Delta®-Seal	Silver/Grey	240	480	Q
Zinc/Iron + black passivation	Black	120	480	Q
Zinc/Nickel + black passivation + seal	Black	240	720	Y
Zinc/Nickel + clear passivation /C1T3	Clear	120	720	Y
Zinc/Nickel + clear passivate + TnT 15	Clear	240	720	Y
Zinc/Nickel + clear passivation + seal	Clear	240	720	Y
Zinc/Nickel + clear passivation + seal (Spec. for VW "r643")	Clear	240	720	Y
Zinc/Nickel + clear passivation + seal/torque modifier (Spec. for VW, DBL and BMW)	Clear	240	720	Y
Zinc/Nickel no passivation	Grey	24	500	Y
Zinc/Nickel + trivalent black + top seal	Black	72	240	Y

Stainless Steel

Temper colouring	Pale Straw	n/a	n/a	Q
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Avdel UK Limited
Pacific House, 2 Swiftfields
Welwyn Garden City, Hertfordshire AL7 1LY
Tel. +44 (0)1707 292-000 · Fax -199
enquiries@infastech.com

