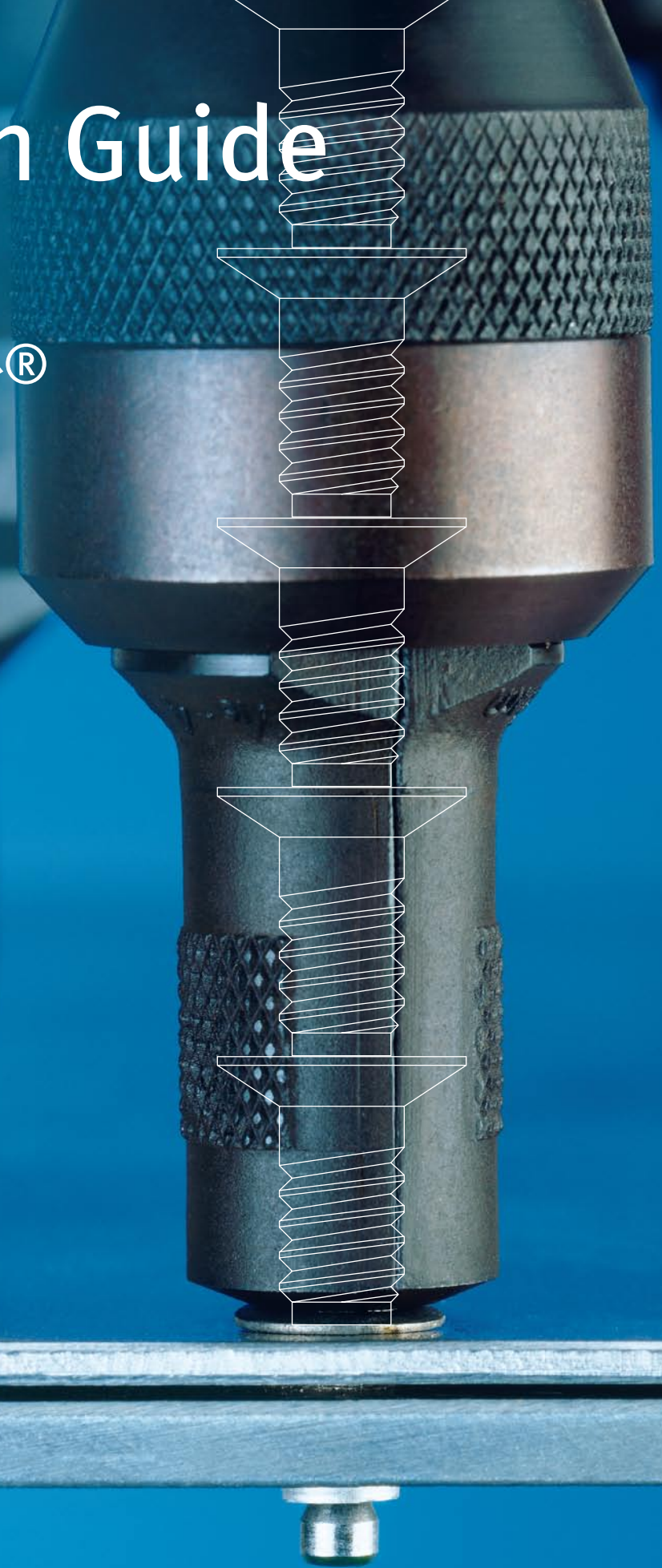


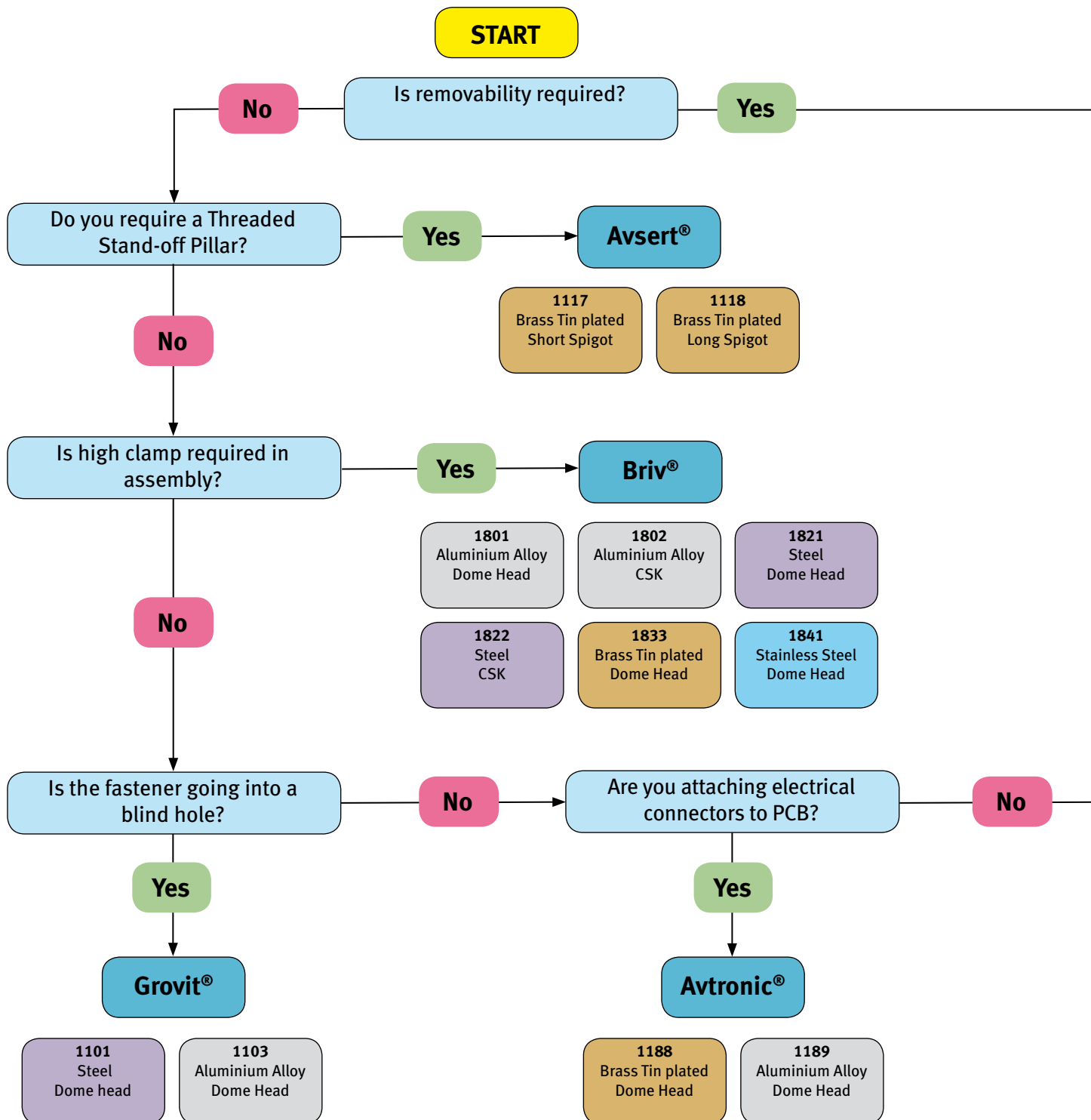
Selection Guide

Speed Fastening[®] Systems



Avdel Speed Fastening® Systems

Speed Fastening® is a unique system designed for rapid and reliable fastening in medium to high volume applications. With no stems these rivets are greener, faster to place and can reduce your assembly costs.

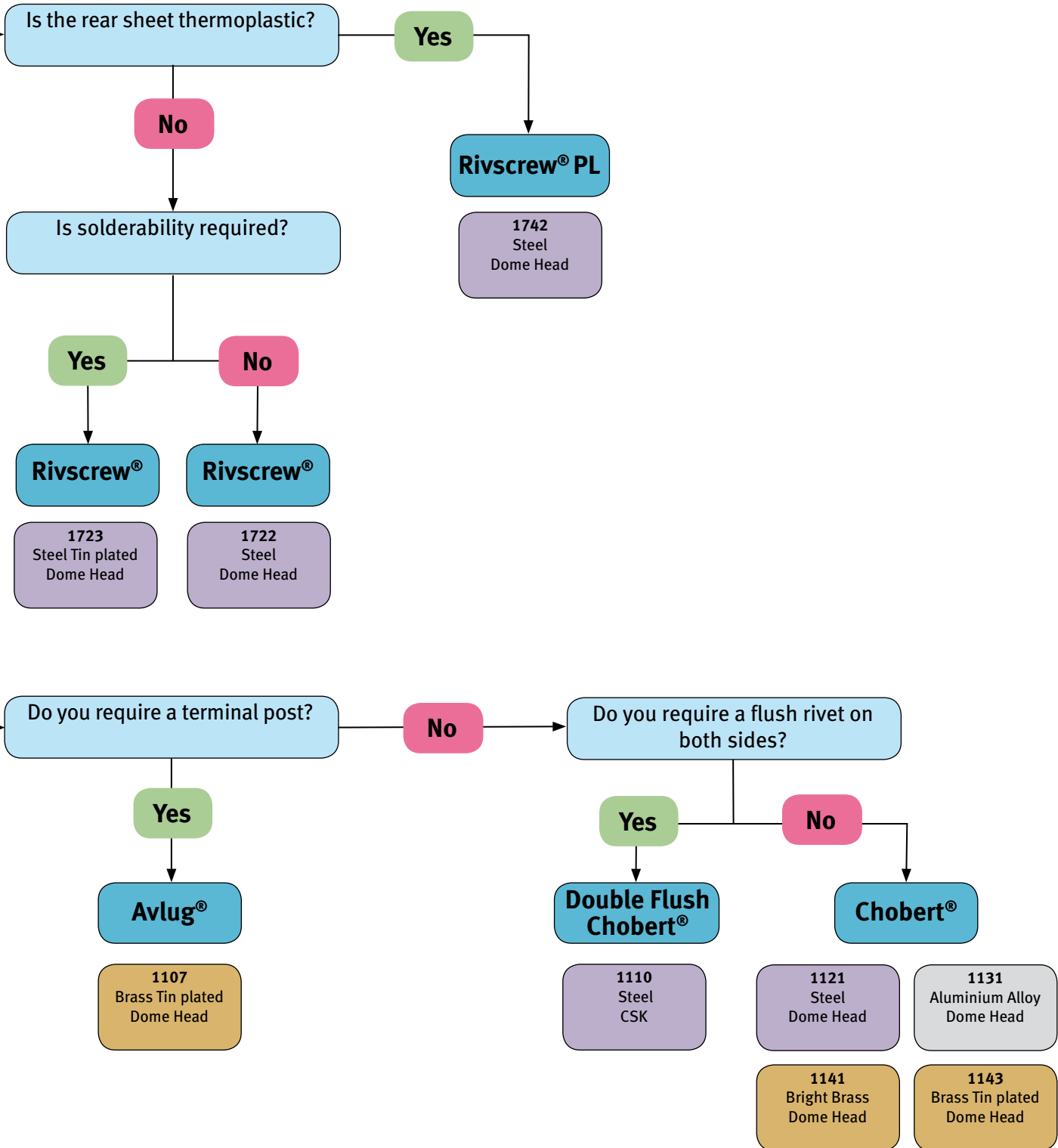


Key for rivet material

- Aluminium Alloy
- Steel
- Stainless Steel
- Brass

Materials: The material types have been colour coded throughout the guides to help you select the right fastener. The selection of the material depends on the application requirements, e.g. corrosion resistance, strength, temperature, electrical conductivity.

This selection guide is designed to help show you which fasteners may be the most suitable for your application. An Avdel Applications Engineer is available to answer any questions you may have. This guide does not include the full range of Avdel products and for more information on specialist products please see the appropriate brochure or our website www.avdel-global.com. Our design department is able to create variations on all our products to suit your individual needs quickly and efficiently.



Finishes: Avdel can offer special finishes for your application on all Avdel fasteners. For more information please contact an Avdel Representative.










Avdel Speed Fastening® Systems

Benefits of assembly

Avdel speed fastening systems provide rapid and reliable assembly of metals, plastics, composites and passive electronic components. The fasteners are either magazine-fed or fed via a vibrating bowl to a wide choice of installation equipment. At the end of each assembly cycle, the next fastener is automatically delivered to the nose of the tool ready to repeat the assembly process. Speed fastening offers many benefits over conventional mechanical assembly systems, including:

- High speed, blind sided assembly
- Consistent clamp and grip
- Good vibration resistance
- No waste material, environmentally friendly
- Highly controlled assembly
- Short cycle times
- Elimination of over-torquing
- Low placing load shock

Range Overview

Briv®		Bulbed tail Large headform High clamp Large footprint	Grovit®		Designed for blind hole applications Annular grooves on body For use in wood, plastics fibreglass and aluminium
Rivscrew®		Threaded fastener Removable with hex key and reusable Fastens into materials up to Vickers hardness 105 Hv5	Avtronic®		Attaches DIN 41612 connectors and other components to PCBs Annular grooves on body
Rivscrew® PL		Same as Rivscrew® fastener plus: Special thread design for a wide range of plastics Wide grip range	Avsert®		Threaded stand-off pillars for PCBs Internally threaded bore Variety of stand-off heights and thread sizes
Chobert®		Internal tapered bore Controlled clamp High shear Ideal for soft and brittle materials	Avlug®		Solderable terminal posts for PCBs Rolled/knurled shank
Double Flush Chobert®		Designed for thin sheet materials Flush surface on both sides of the joint Reduces excess space require- ments within the chassis	<p><u>Other fasteners available:</u> Miniature Speed Fastening® - for small applications Hose barb - for attaching fluid connections Solder resist Speed Fastening® - to resist solder in electronic applications</p>		



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Data shown is subject to change without prior notice as a result of continuous product development and improvement policy.

Your local Avdel representative is at your disposal should you need to confirm latest information.

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