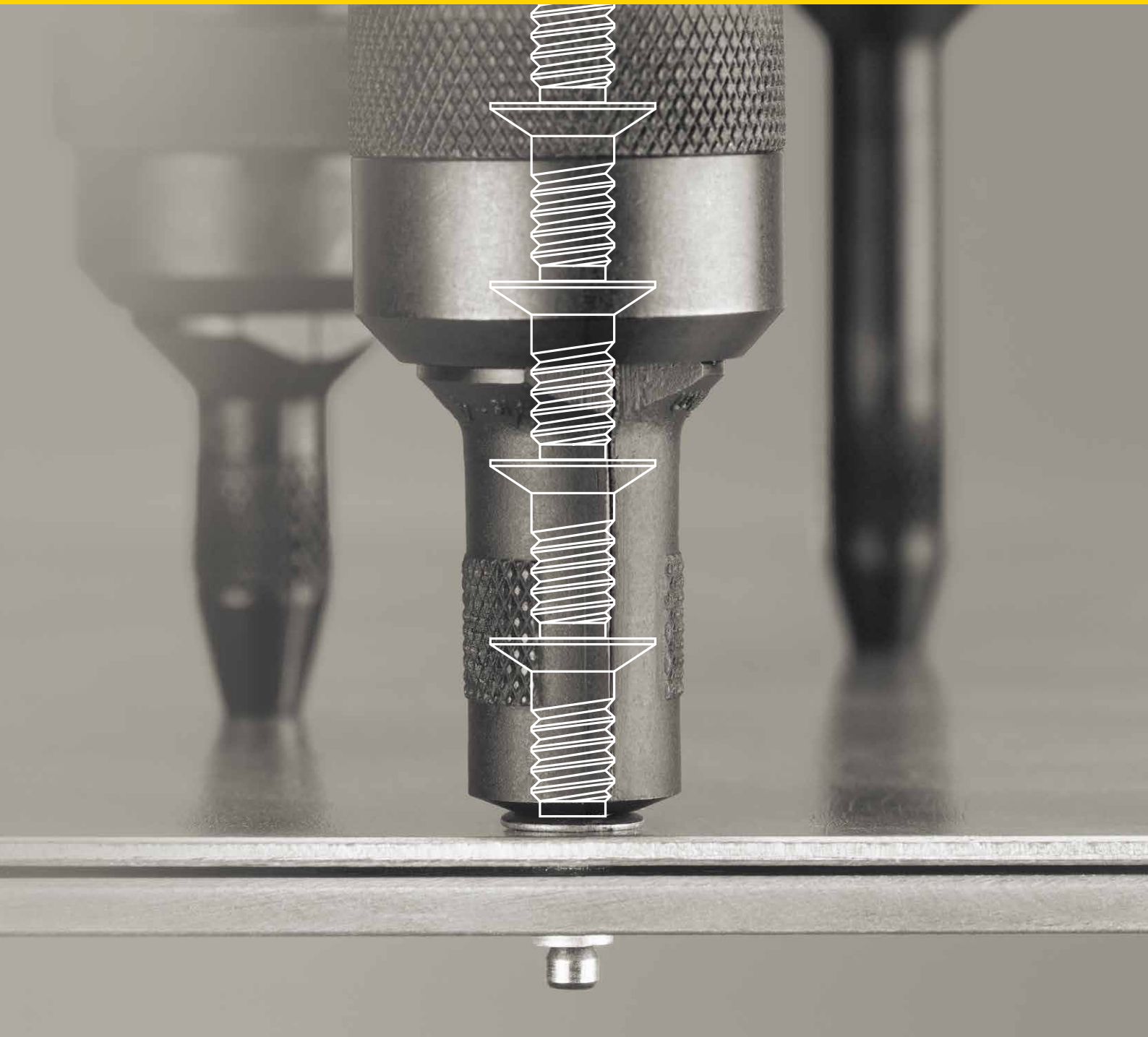


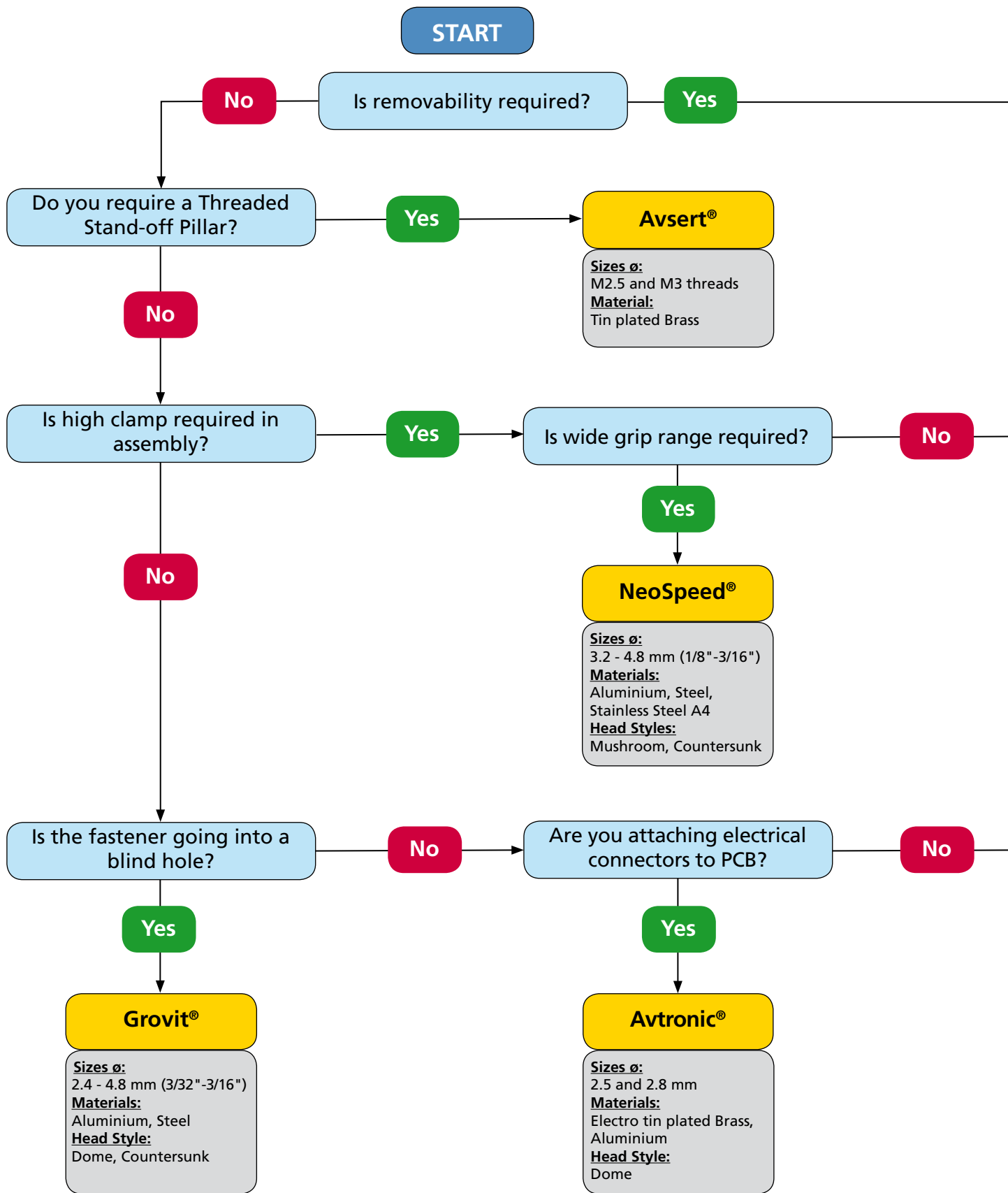
**STANLEY**<sup>®</sup>  
Engineered Fastening



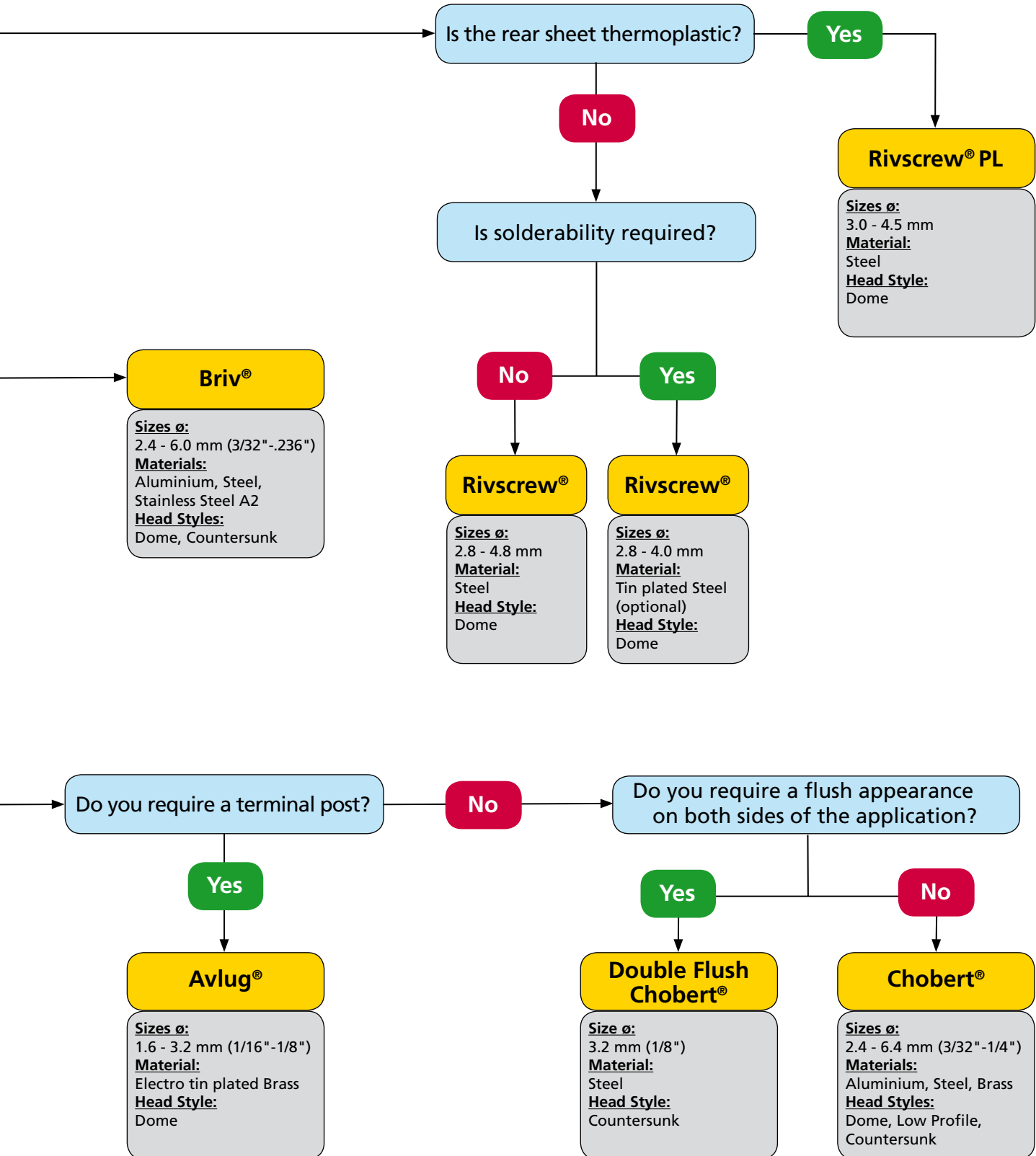
# Selection Guide

## Speed Fastening<sup>®</sup> Systems

**POP**<sup>®</sup>  **Avdel**<sup>®</sup>



This selection guide is designed to illustrate which fasteners may be the most suitable for your application. This guide does not include the full range of POP Avdel products; our Applications Engineers are available to advise as to the best solution for your specific application needs.










## Benefits of Assembly

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

NeoSpeed®		Wide grip range High joint clamp Hole filling Very high strength	Double Flush Chobert®		Designed for thin sheet materials Flush surface on both sides of the joint Reduces excess space requirements within the chassis
Briv®		Bulbed tail form Large headform High joint clamp Good joint gap closure	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

### Other fasteners available:

Miniature Speed Fastening® - for small applications

Hose barb - for attaching fluid connections

Solder resist Speed Fastening® - to resist solder in electronic applications

**STANLEY**  
Engineered Fastening

[www.StanleyEngineeredFastening.com](http://www.StanleyEngineeredFastening.com)

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