



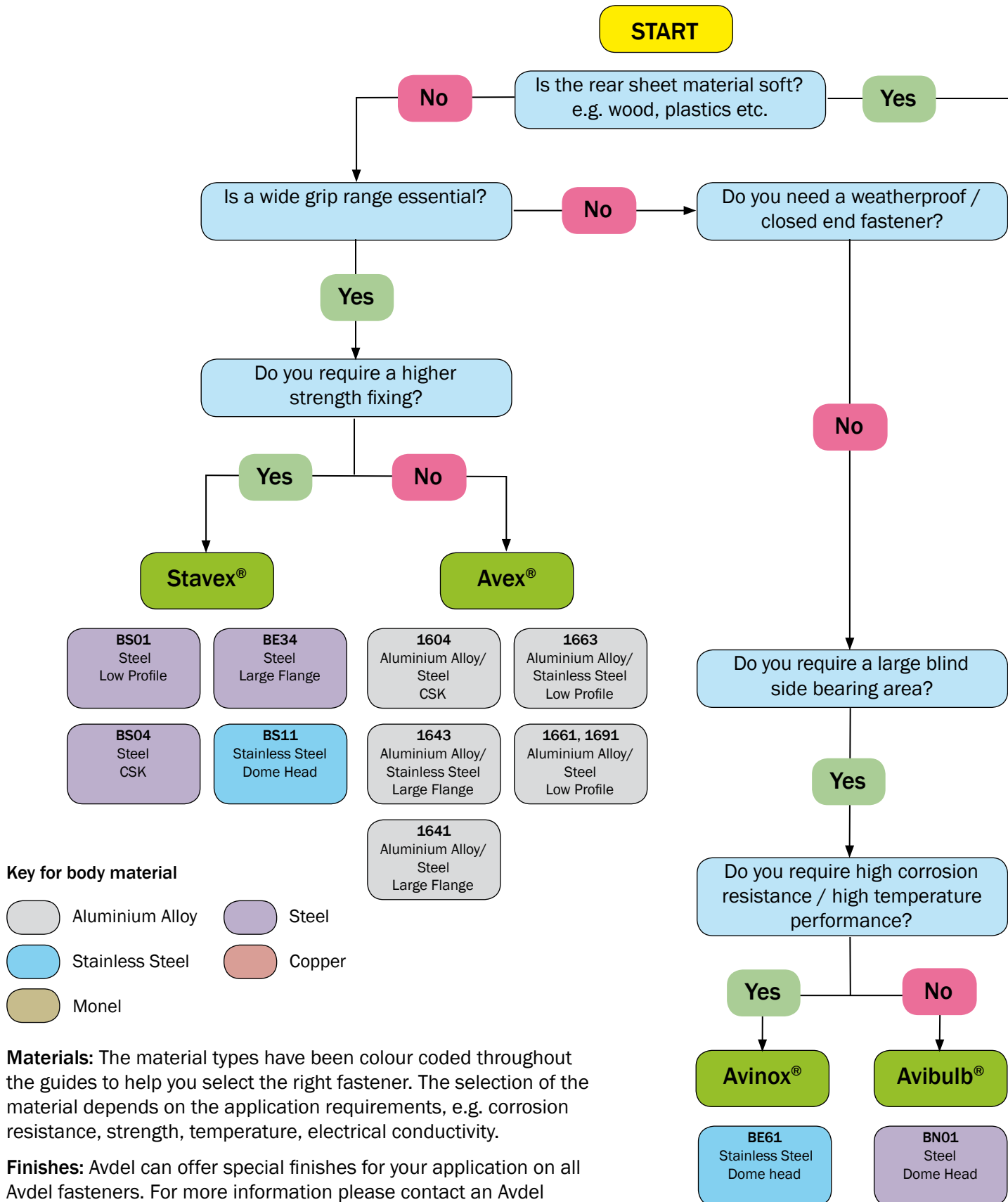
# Selection Guide

## Breakstem Systems non-structural



# Avdel Breakstem Systems - non structural

This guide contains a collection of breakstem rivets suited for a wide range of general engineering applications. For highly stressed or dynamically loaded applications please refer to the Structural Product Guide.



**START**

Is the rear sheet material soft?  
e.g. wood, plastics etc.

**Yes**

**No**

Is a wide grip range essential?

**No**

**Yes**

Do you need a weatherproof /  
closed end fastener?

Do you require a higher  
strength fixing?

**No**

**Yes**

**No**

**Stavex®**

**Avex®**

**BS01**  
Steel  
Low Profile

**BE34**  
Steel  
Large Flange

**1604**  
Aluminium Alloy/  
Steel  
CSK

**1663**  
Aluminium Alloy/  
Stainless Steel  
Low Profile

**BS04**  
Steel  
CSK

**BS11**  
Stainless Steel  
Dome Head

**1643**  
Aluminium Alloy/  
Stainless Steel  
Large Flange

**1661, 1691**  
Aluminium Alloy/  
Steel  
Low Profile

**1641**  
Aluminium Alloy/  
Steel  
Large Flange

Do you require a large blind  
side bearing area?

**Yes**

Do you require high corrosion  
resistance / high temperature  
performance?

**Yes**

**No**

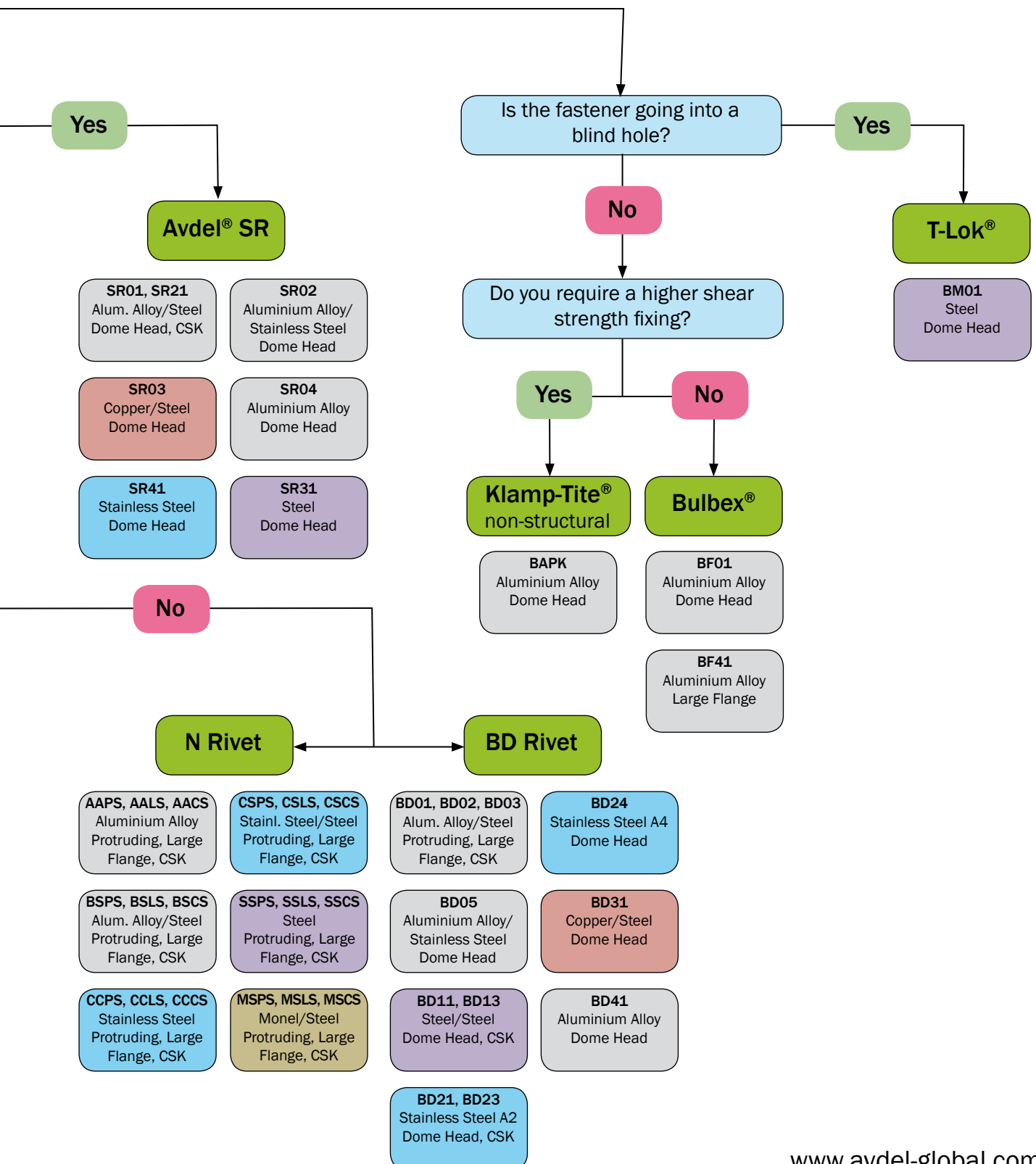
**Avinox®**

**Avibulb®**

**BE61**  
Stainless Steel  
Dome head

**BN01**  
Steel  
Dome Head

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](http://www.avdel-global.com). Our design department is able to create variations on all our products to suit your individual needs quickly and efficiently.















# Avdel Breakstem Systems - non structural

## Benefits of assembly

Avdel breakstem fasteners and installation tools are a premier fastening system offering multi-grip performance, consistent and reliable installation and high speed, high performance assembly. Used in all manufacturing industries throughout the world, there is an Avdel breakstem fastener and installation tool to suit virtually every assembly requirement. Key user benefits include:

- Blind assembly
- Multi-grip performance
- Hole filling
- High speed assembly
- Good clamp and vibration resistance
- Consistent high performance
- Positive stem retention
- Extensive product choice

## Range Overview

<p>Avex®</p> 	<p>Multi-grip capability Good hole fill Retained stem Large blind side bearing area</p>	<p>Klamp-Tite® (non-structural)</p> 	<p>Split tail formation for thin sheet and low strength materials Multi-grip capability Good clamp up</p>
<p>Stavex®</p> 	<p>Multi-grip capability Good hole fill Retained stem Large blind side bearing area</p>	<p>N Rivet/BD Series</p> 	<p>Low cost standard rivet Wide range of materials and sizes Quick installation Increased stem retention</p>
<p>Avibulb®</p> 	<p>High shear and tensile strength Retained stem Large blind side bearing area</p>	<p>Avdel® SR</p> 	<p>Fully sealed fasteners Good hole fill Retained stem Wide range of materials and sizes</p>
<p>Avinox®</p> 	<p>High shear and tensile strength High corrosion resistance Retained stem Large blind side bearing area</p>	<p><u>Other fasteners available:</u></p>	
<p>Bulbex®</p> 	<p>Split tail formation for thin sheet and low strength materials Multi-grip capability Retained stem</p>	<p>Avdelmate®</p> 	<p>Two piece fastener Extra wide grip range Large bearing area against both sides of the application Excellent hole fill</p>
<p>T-Lok®</p> 	<p>'Peel-type' tail formation for joining wood to metal Wide grip range Retained stem</p>	<p>Earth Tab Rivet</p> 	<p>Cost effective earthing point Paint piercing capability Twin tabs allow one or two connections</p>
		<p>Avex® Splined</p> 	<p>Steel splines for electrical continuity in earthing applications Multi-grip capability</p>

