

# COLOURED BLIND RIVETS

Coloured blind rivets, visually appealing with additional corrosion protection



GESIPA® blind rivets are also available in colour to match the application. To guarantee the best possible durability the hollow rivets are painted using a two-component epoxy resin paint in a slow enamelling process.

In addition to the visual benefits, the painted blind rivet also has added protection against corrosion. Aluminium blind rivets are best suited for this procedure. In the longterm they achieve the desired visual effect when joining coloured parts.

GESIPA® blind rivets are available in the standard RAL colours. On request, steel blind rivets are also available in RAL colours or even special colours. Another method for colouring blind rivets and for protecting them against corrosion is to anodize them.

GESIPA® blind rivets are anodized in a direct current sulphuric acid process. The term Eloxal is used to describe the electrolytic oxidation of aluminium. Eloxal itself is actually colourless. Applying a second coat using metal salts creates the desired light-fast colour. The Eloxal method is more complex but is the most durable process for coloured blind rivets.

The range of coloured blind rivets includes 15 RAL colours in ten different dimensions each. The blind rivets are produced in a wet varnish drum process. The colours are similar to the RAL colours.



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The information on shear and tensile strength, rivet pin diameters and the maximum setting head diameters can be found on **page 38**.

# COLOURED BLIND RIVETS Polygrip® in Alu/Stainless





Aluminium alloy








x = No longer in stock



stainless steel A2

D mm	D x L mm	 mm	RAL 1015 Light ivory No.	RAL 3000 Flame red No.	RAL 5010 Gentian blue No.	RAL 7011 Iron grey No.	RAL 7016 Anthracit grey No.	
<b>3.2</b>  3.3 mm	<b>3.2 x 8</b>	0.5 - 5.0	x	x	x	x	<b>145 0448</b>	B 1000
	<b>3.2 x 9.5</b>	1.5 - 6.5	x	x	x	x	<b>145 0449</b>	B 1000
	<b>3.2 x 11</b>	3.0 - 8.0	x	x	x	x	<b>144 6510</b>	B 1000
<b>4</b>   4.1 mm	<b>4 x 10</b>	0.5 - 6.5	<b>145 6036</b>	<b>145 6049</b>	<b>145 6057</b>	<b>145 6066</b>	<b>145 6159</b>	B 500
	<b>4 x 13</b>	3.5 - 9.5	<b>145 6037</b>	<b>145 6050</b>	<b>144 6496</b>	<b>145 6067</b>	<b>144 6511</b>	B 500
	<b>4 x 17</b>	7.0 - 13.0	x	x	x	x	<b>145 6160</b>	B 500
<b>4.8</b>   4.9 mm	<b>4.8 x 10</b>	0.5 - 6.5	<b>145 6039</b>	<b>145 6051</b>	<b>145 6059</b>	<b>145 6068</b>	<b>145 0450</b>	B 500
	<b>4.8 x 15</b>	4.5 - 11.0	<b>145 6040</b>	<b>145 6052</b>	<b>145 6060</b>	<b>145 6069</b>	<b>145 6161</b>	B 500
	<b>4.8 x 17</b>	6.5 - 13.0	<b>144 6487</b>	<b>145 6053</b>	<b>145 6061</b>	<b>145 0447</b>	<b>145 6162</b>	B 500
	<b>4.8 x 25</b>	11.0 - 19.5	<b>145 6041</b>	<b>145 6054</b>	<b>145 6062</b>	<b>145 6070</b>	<b>144 6512</b>	B 250



D mm	D x L mm	 mm	RAL 7022 Umbra grey No.	RAL 7024 Graphite grey No.	RAL 8014 Sepia brown No.	RAL 9002 Grey white No.	RAL 9003 Signal white No.	
<b>3.2</b>  3.3 mm	<b>3.2 x 8</b>	0.5 - 5.0	x	x	<b>145 6088</b>	<b>145 6096</b>	<b>145 6106</b>	B 1000
	<b>3.2 x 9.5</b>	1.5 - 6.5	x	x	<b>145 6089</b>	x	<b>144 6503</b>	B 1000
	<b>3.2 x 11</b>	3.0 - 8.0	x	x	<b>144 6501</b>	x	<b>145 6107</b>	B 1000
<b>4</b>   4.1 mm	<b>4 x 10</b>	0.5 - 6.5	<b>145 6074</b>	<b>145 6082</b>	<b>145 6090</b>	<b>145 6099</b>	<b>145 6108</b>	B 500
	<b>4 x 13</b>	3.5 - 9.5	<b>145 6075</b>	<b>145 6083</b>	<b>145 6091</b>	<b>145 6100</b>	<b>145 6109</b>	B 500
	<b>4 x 17</b>	7.0 - 13.0	x	x	<b>145 6092</b>	<b>145 6101</b>	<b>145 6110</b>	B 500
<b>4.8</b>   4.9 mm	<b>4.8 x 10</b>	0.5 - 6.5	x	<b>145 6085</b>	<b>145 6093</b>	<b>145 6102</b>	<b>145 6111</b>	B 500

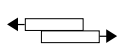

D mm	D x L mm	 mm	RAL 9005 Jet black No.	RAL 9006 White aluminium No.	RAL 9007 Grey aluminium No.	RAL 9010 Pure white No.	RAL 9011 Graphite black No.	
<b>3.2</b>  3.3 mm	<b>3.2 x 8</b>	0.5 - 5.0	<b>145 6114</b>	x	<b>145 6131</b>	<b>145 6140</b>	<b>145 6150</b>	B 1000
	<b>3.2 x 9.5</b>	1.5 - 6.5	<b>145 6115</b>	x	<b>145 6132</b>	<b>145 6141</b>	<b>145 6151</b>	B 1000
	<b>3.2 x 11</b>	3.0 - 8.0	<b>145 6116</b>	<b>144 6505</b>	<b>145 6133</b>	<b>145 6142</b>	<b>145 6152</b>	B 1000
<b>4</b>   4.1 mm	<b>4 x 10</b>	0.5 - 6.5	<b>145 6117</b>	<b>145 6126</b>	<b>145 6134</b>	<b>145 6143</b>	<b>145 6153</b>	B 500
	<b>4 x 13</b>	3.5 - 9.5	<b>145 6118</b>	<b>144 6506</b>	<b>145 6135</b>	<b>145 6144</b>	<b>145 6154</b>	B 500
	<b>4 x 17</b>	7.0 - 13.0	<b>145 6119</b>	<b>145 6127</b>	<b>144 6508</b>	<b>145 6145</b>	<b>145 6155</b>	B 500
<b>4.8</b>   4.9 mm	<b>4.8 x 10</b>	0.5 - 6.5	<b>145 6120</b>	<b>145 6128</b>	<b>145 6136</b>	<b>145 6146</b>	<b>145 6156</b>	B 500
	<b>4.8 x 15</b>	4.5 - 11.0	<b>145 6121</b>	<b>145 6129</b>	<b>145 6137</b>	<b>145 6147</b>	<b>145 6157</b>	B 500
	<b>4.8 x 17</b>	6.5 - 13.0	<b>145 6122</b>	<b>145 6130</b>	<b>145 6138</b>	<b>145 6148</b>	<b>144 6509</b>	B 500
	<b>4.8 x 25</b>	11.0 - 19.5	<b>145 6123</b>	x	<b>145 6139</b>	<b>145 6149</b>	x	B 250

The material surcharge will be added at a daily rate.

# POLYGRIP® Shear and tensile strength

## SHEAR AND TENSILE STRENGTH POLYGRIP®

D mm	 N	 N	d <sub>m</sub> mm	max. d <sub>k</sub> Standard mm	max. d <sub>k</sub> Großkopf mm
<b>ALU/STEEL AND ALU/STAINLESS STEEL</b>					
3.2	720	1,050	1.8	6.5	9,5
4.0	1,060	1,680	2.3	8.0	12.0
4.8	1,500	2,300	2.7	9.5	16.0
6.4	2,800	4,000	3.65	13.0	-
<b>STEEL/STEEL</b>					
3.2	1,200	1,600	2.1	6.5	9,5
4.0	1,650	2,400	2.6	8.0	12.0
4.8	2,400	3,200	3.2	9.5	16.0
6.4	4,000	6,100	4.25	13.0	-

D mm	 N	 N	d <sub>m</sub> mm	max. d <sub>k</sub> Standard mm
<b>STAINLESS STEEL A2</b>				
3.2	1,450	2,300	2.2	6.5
4.0	2,650	3,600	2.7	8.0
4.8	4,000	5,000	3.2	9.5
6.4	7,800	8,800	4.25	13.0
<b>STAINLESS STEEL A4</b>				
3.2	1,450	2,300	2.2	6.5
4.0	2,650	3,600	2.7	8.0
4.8	4,000	5,000	3.2	9.5

Test procedure according to DIN EN ISO 14589