

**INSERT SOLUTIONS**

# Precise, robust and durable

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## Perfect fit for production

Insert solutions create precise and durable threads in materials with low shear resistance. This allows reliable joints to be made even in lightweight materials while providing heavy-duty threads. Complemented by our range of innovative tools and machines that can be integrated into automated production workflows.

Depending on your production processes, Bossard will recommend the most optimal insert solutions for efficient installation. These solutions can range from moulding, self-tapping, to ultrasonic press-fit and heat insertion.

### Common industrial applications

- Automotive
- Electrical products
- Medical equipment
- Railway
- Machine tools
- Consumer goods
- Aerospace

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Bossard portfolio of insert solutions covers all industries in different applications. No matter the characteristics of the different types of materials such as thermoplastics, stress-prone plastics, wood, laminates and light metal alloys, Bossard engineered solutions allow optimal joints and are widely used in applications for mass production, repair and maintenance jobs. Listed below are some of our product solutions. The product images shown are for illustration purposes only.

To find out more about our product solutions, do contact us at [pd.asiapacific@bossard.com](mailto:pd.asiapacific@bossard.com).

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### THREADED INSERTS

- Available in press-in, molded-in, heat or ultra-sonic installation
- Precise and durable internal threads
- Ideal for light metal alloy and other materials with low shear resistance



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### SELF-TAPPING INSERTS

- Heavy-duty, wear-resistant and vibration proof fastenings
- Suitable for materials with low shear resistance
- Eliminate the need for pre-tapped holes



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### WIRE THREAD INSERTS

- Designed for easy turn-in installation
- Available in options with polygonal threads for oscillating stresses and vibration
- Heavy duty wire-inserts without tang for efficient installation

