

# TECHNICAL DATA SHEET

**GMIUCTS2010**

**Set of specimens for ultrasonic inspection**

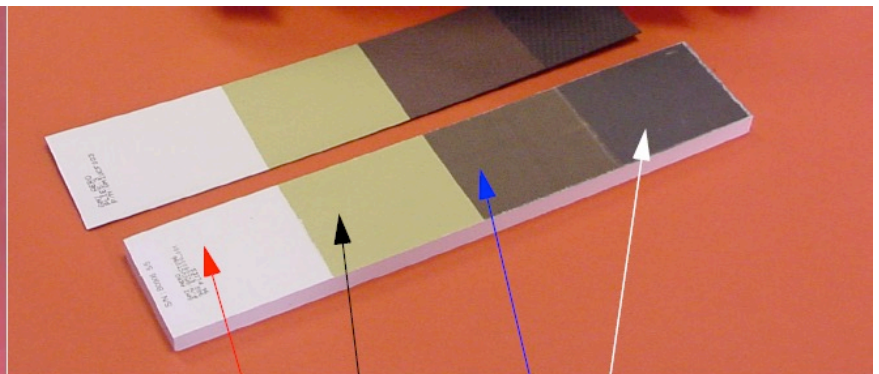
## ► DESCRIPTION

Complete set of carbon specimens for calibration during ultrasonic damage analysis of composite structures with «ELISE» device.

Two families of specimens are available: specimens made of biaxial carbon fabric and uniaxial carbon tape. The set of specimens made of carbon tape includes 11 specimens, and made of carbon fabric – 7 specimens.

Specimens manufacturing is based on 4 steps:

- First step: carbon fiber only
- Second step: carbon fiber + bronze mesh
- Third step: carbon fiber + bronze mesh + primer
- Fourth step: carbon fiber + bronze mesh + primer + paint



With paint

With primer

With bronze mesh

Plain carbon

|             | Delivery options   |
|-------------|--|
| GMIUCTS5    | 5 specimens with carbon tape layer as here: 8, 16, 32, 64, 96.   |
| GMIUCFS7    | 7 specimens with carbon fabric layer as here: 2, 3, 4, 6, 8, 12, 16.   |
| GMIUCTS2010 | Complete set from 18 pcs, including 11 specimens with carbon tape layer as here: 4, 6, 8, 12, 16, 24, 32, 48, 64, 72, 96 and 7 specimens with carbon fabric layer as here : 2, 3, 4, 6, 8, 12, 16. |

## ► NOTE

Specimens can be ordered also by sub family. Different types are available.