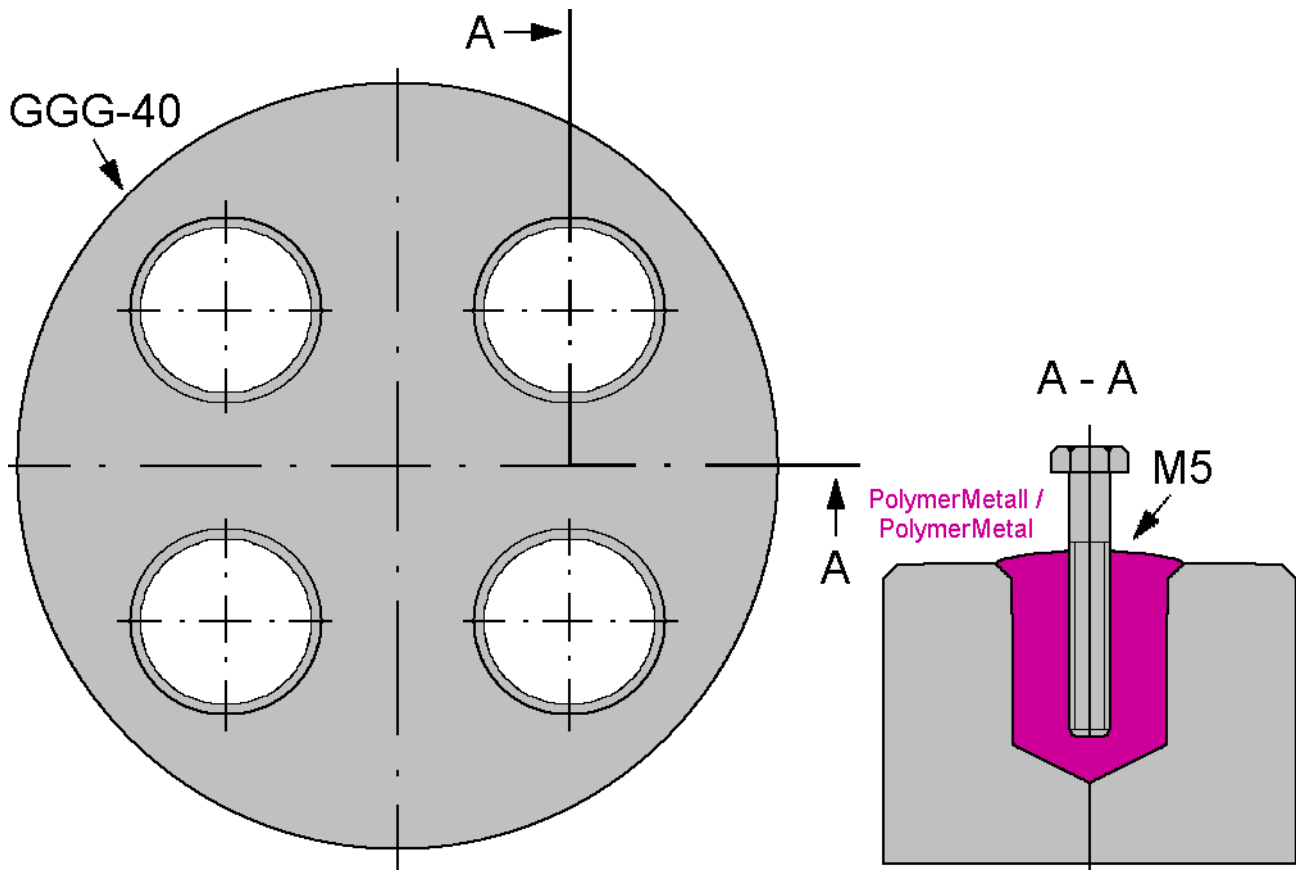


TEC-# 018

Adhesion test

Used products

MM-metal SS-steel



Description

In pre-tests in an steel work drilling holes of a casting part consisting of nodular graphite cast iron GGG 40 have been filled up with MM-metal SS-steel, pasty and Hardener yellow, pasty. Immediately afterwards there have been inserted M5-threaded bolts in the still soft filled up holes. The device has been warmed up by 3 °C/min up to 150 °C. After holding the 150 °C for two hours it was cooled down by 2 °C/min. After total curing adhesion tests were done. Neither the threaded bolts nor the PolymerMetal filled into the holes could be removed by a dynamometric key. This is a reference for the excellent bonding of the PolymerMetal.

MultiMetal

the MetalExistenceCompany®