GTECHs
Dynamic Solutions

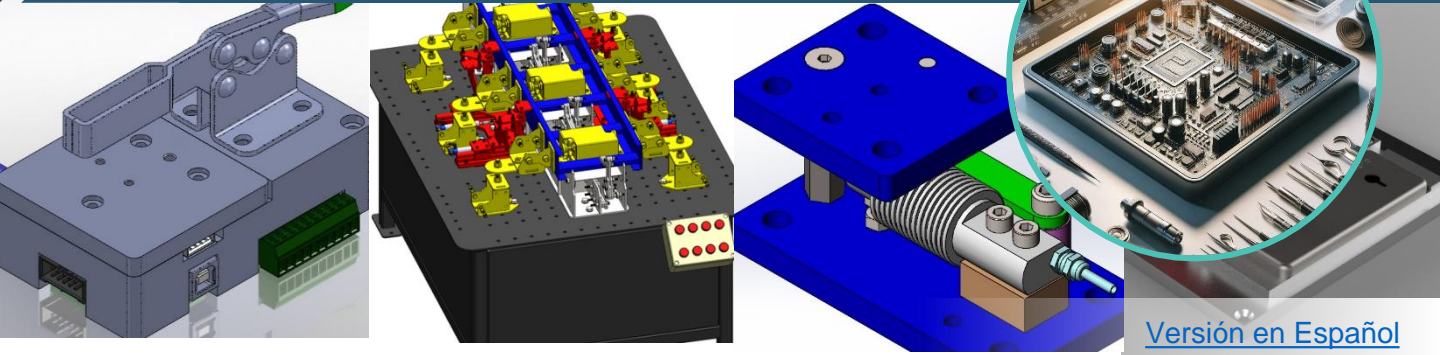# Special fixtures

Versión en Español

Our fixture design, manufacturing, and validation services cover a full range of solutions to optimize industrial processes, improve accuracy, and reduce production times. Whether in programming, assembly, or testing, our customized systems ensure results.

Our services cover a wide variety of fixtures:

Programming Fixtures
- Firmware configuration for microcontrollers
- Firmware and component testers
- EEPROM/Flash memory loading
- Protocol validation
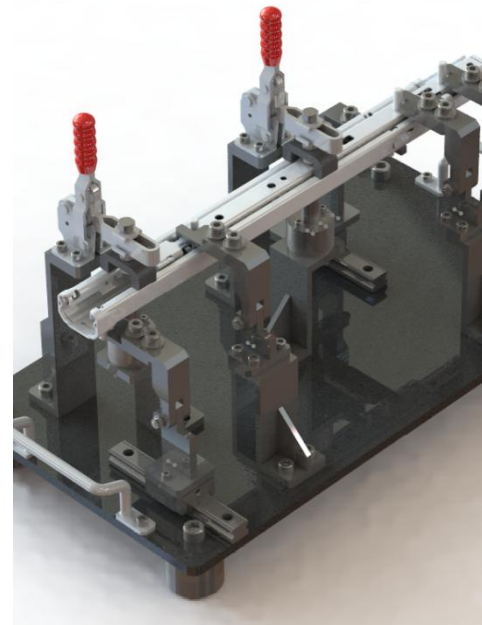- Sensor calibration for IoT devices

Assembly Fixtures
- Positioning guides for PCBs and components
- Antistatic and magnetic clamps
- Templates for robotic or manual soldering

Testing Fixtures
- Thermal and vibration stress tests
- Mechanical resistance validation
- Protection evaluation (IP rating)
- Simulation of extreme conditions

Analysis and Optimization
- Diagnosis and redesign of existing fixtures
- Adaptation for new products or scalability
- Integration with automated systems

If you are interested in our services, do not hesitate to contact us at **services@gtechds.com** or **+52 (614) 394 1699**, we will be happy to assist you with all necessary advice for your projects.