

the radial direction to eliminate left-right ambiguity.

Spatial resolution of 35 microns was obtained in initial tests in an electron beam. The TEC has also been proposed as the innermost module of the big L3 detector now being built for the LEP electron-positron collider at CERN, which means that a lot of eyes are looking at what is happening inside the Mark J detector.

TEXAS Supertex

Despite the decision last year that the mammoth proposed US Superconducting Supercollider (SSC) should go for the high field magnet design developed at Berkeley, Brookhaven and Fermilab (see November 1985 issue, page 383),

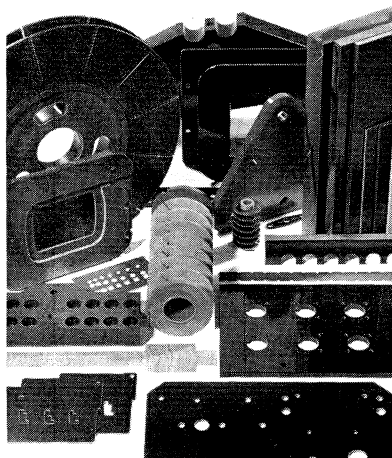
the Texas Accelerator Center has taken delivery and tested 'Supertex', its first full scale 'superferric' magnet.

This 28 metre-long monster, the longest superconducting magnet ever built, was trucked from the General Dynamics factory in San Diego to Texas. Another two magnets are still being built. In the face of last year's magnet decision, Texas is still pointing out the potential benefits of its design.



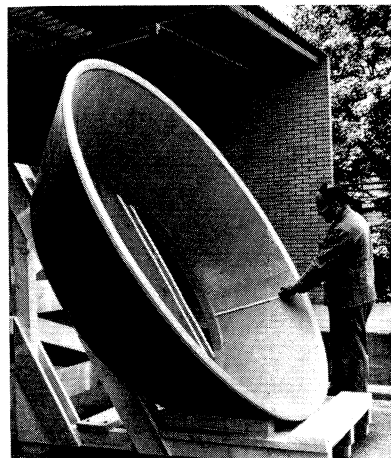
'Supertex' on its way to the Texas Accelerator Center. 28 metres long, it is the longest superconducting magnet to be made. The small instrument visible on the top of the magnet records road shocks.

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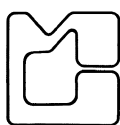


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- Glass Mat Epoxy Laminates
- Glass Mat Polyester Laminates
- Cotton Fabric Phenolic Laminates
- Hard Paper Phenolic Laminates
- Moulded Parts of Epoxy Casting Resin

and machined parts made
of abovementioned
materials.



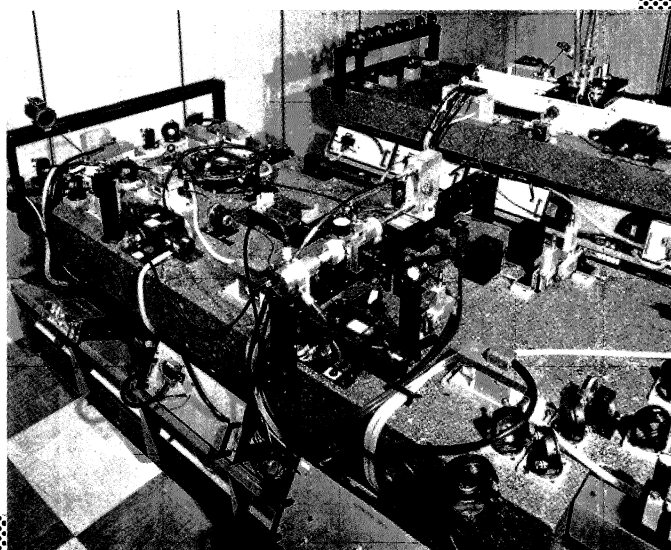
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