

Macalloy

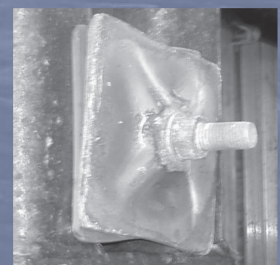
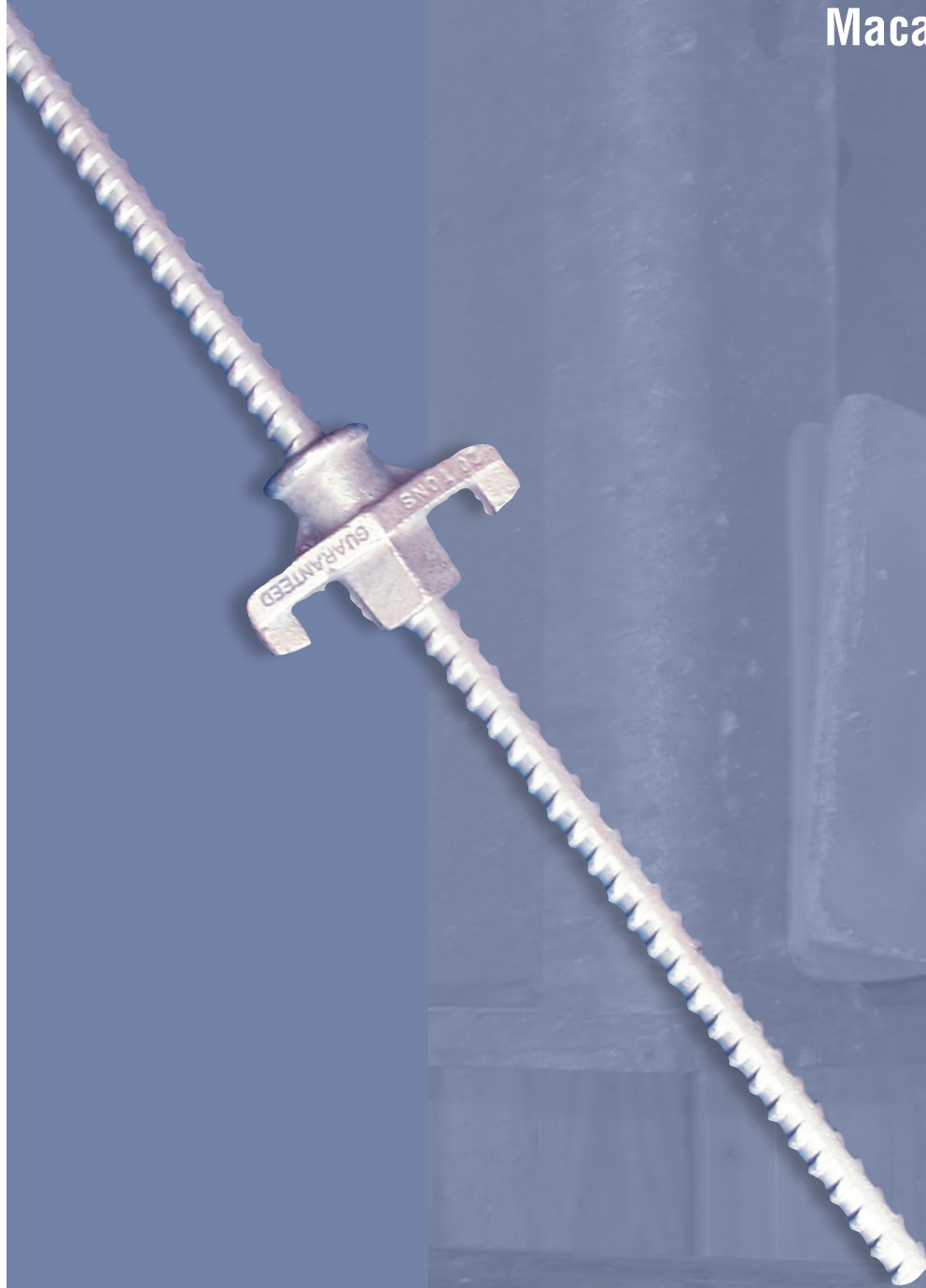
BAR & CABLE SYSTEMS

Mar 11



CONCRETE ENGINEERING

Macalloy Formwork Ties Macalloy ST



Macalloy ST Formwork Tie Bar System

Macalloy has been the leader in the design, manufacture and supply of threaded bar systems since 1948 and has been selling formwork tie bar since 1992.

The System

The Macalloy ST formwork tie bar system consists of a high yield bar with deformations specially designed to form a thread along the entire length of the bar, allowing the bar to be cut to the required length on site, as necessary.

The thread form is an intermittent right hand thread, with a coarse pitch that is robust, self cleaning and allows easy assembly on site.

It is compatible with all current tie bar accessories. A complete range of accessories is available on request.

Sizes

Macalloy ST is available in diameters 15mm and 20mm. Bars are available in lengths up to 7.5m. By prior arrangement, bars can be ordered in any length up to 15m.

Quality Assurance

Macalloy operates a quality assurance system complying with the provisions of BS EN ISO 9001.

The bar is also approved in Germany under the Zulassungsnummer Z-12-5-81

Mechanical Properties

UTS (N/mm ²)	1100
Yield Stress (N/mm ²)	900
Youngs Modulus (kN/mm ²)	205

Nominal Diameter	Reference	Weight (kg/m)	Failing Load (kN)	Working Loads (kN)
15mm	ST15	1.44	190	90
20mm	ST20	2.56	345	160


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Опыт Инновации Качество



This publication provides the technical details currently used by Macalloy in the manufacture of its components.

The company reserves the right to amend technical details as and where necessary in line with its policy of continuous development.

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