

**Certificate of Conformity**  
**Water Hardenable Silver Steel**

We hereby certify that T & A PRECISION GRINDING CO. LIMITED SILVER STEEL is produced to a defined chemical specification, within the analysis limits laid down by British Standard Specification Number BS 1407 (Optional Standard).

Material will be in the spheroidised and annealed condition with a typical hardness of 207-235HB with 285HB maximum.

**Inspect. Certificate EN 10204-3.1**

**Tolerances**

Imperial sizes	1" and above	+ / - 0.00050"
	Below 1"	+ / - 0.00025"
Metric	25mm and above	+ 0.00 / - 0.0254mm
	Below 25mm	+ 0.00 / - 0.0127mm

Tolerance + / - 0.015mm

Tensile strength 45/55 TPSI (700/850 N/mm<sup>2</sup>)

Hardness Brinell 207,000 - 237,000 with a maximum 285,000 HB

**Analysis Range %**

Carbon	0.95/1.25
Chromium	0.35/0.45
Manganese	0.25/0.45
Phosphorus	0.045 max
Sulphur	0.045 max
Silicon	0.4 max

Signed:



Andrew Oates  
Managing Director

**Precision BS1407 Silver Steel Manufacturers**

