

Type **Micro Cracked Hard Chrome**

Deposit 25 microns +/-5microns (.001" +/- .0002") with 600 Cracks per linear inch.

Surface Finish Ra 0.1 - 0.3 micro metres (Ca 4 - 12 micro inches). To be smooth and free of irregularities.

Quality Plating to be Homogenous, uniform in appearance, free of pin-holes, pits, nodules, blisters and other defects. Transition between plated and un-plated areas to blend in smoothly.

Deposit Hardness 1100 - 1200 Vickers.

Corrosion Protection Grade 8 rating to BS5466 Part 6 after 180 - 200 hours, using a BS7479: 1991 Neutral Salt Spray Test.

Diametrical Tolerances Up To 125mm Dia .050mm (.002") Min between upper and lower tolerance.

Suitable Materials All mild and stainless steels suitable for plating, as follows:
EN8 EN14 EN16 EN19
EN57 EN58
Or equivalent specifications.
Any material types not listed above must be notified to H.Reis Ltd before submitting for process.
Any hardening or heat treatment processes must also be notified.
Material supplied must be suitably round, straight, free from stress and have no base splits or inclusions.

Suitable Applications Hydraulic and engineering components requiring all the normal advantages of Hard Chrome but with greatly enhanced corrosion protection.

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Plating Specification

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