

Steel Surface Roughness Comparator

LD2040, LD2050

Datasheet

Product description

Comparison standard according to ISO 8503 part 1 and ASTM D 4417 Method A, made of quality steel. Indicates the surface condition of blasted steel acc. To ISO 8503 in grades of fine, medium, and coarse. The Surface Roughness Comparator allows quick and easy identification of the various grades.



Standards

ASTM D 4417 Method A, ISO 8503-1

Application area's

Coating industry, galvanize, laboratory, paint, painter, shipping industry, steel protection

Features

- High purity nickel reference plates
- Electro formed profile
- Each profile copied from a certified mild steel master
- Sturdy leather wallet to protect the test surfaces when not in use
- Available for shot- and grit blasting

Standard delivery

The Surface Roughness Comparator comes in a sturdy leather wallet.

Use

By placing the appropriate comparator (G for Grit, S for Shot) against a blast cleaned surface, the finish achieved can be compared against the four sections of the comparator. It is then a simple matter to identify (by sight and touch) the standard surface:

- Fine grade equal to or above segment 1 but below segment 2
- Medium grade equal to or above segment 2 but below segment 3
- Coarse grade equal to or above segment 3 but below segment 4

Technical specifications

LD2040 Surface Roughness Comparator for Grit Blasting
 LD2050 Surface Roughness Comparator for Shot Blasting
 Material : High purity nickel
 Width : 85mm
 Height : 85mm

The comparator has been reproduced from a specially prepared and numbered master block

Special care

When not in use, store the Surface Roughness Comparator in the leather wallet. The calibration of a comparator shall be carried out (see ISO 8503/1) at intervals not exceeding six months. Comparators require careful handling and if any surface wear is observed re-calibration shall be carried out before further use.

Disclaimer

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

Inspection accessories I Lanz & 'Haze' corrosion corrosion coating thickness gauges coatingdikte meters Schichtdicken messgeräte flash point vlampunt Flampunt the testapparatuur Klimaprüfung appearance uiterlijk Erscheinungsbild inspection kits inspectie kits Inspektionskoffer elasticity & resistance deformation weegschalen Waagen surface cleanliness oppervlaktezuiverheid Oberflächenreinheit film application filmapplicatie filmapplicatie filmapplicatie coat