

Scrata-Plates 48 comparators for surface quality (ASTM A802, BS EN 1370:1997)

Art. ID	SCRATA-PLATES-48
Unit	set
Deliverydetails	No Dangerous Good /not restricted

Description

Purchasers of castings can specify and assess surface quality and surface texture more accurately and definitively using tactile comparators developed by Castings Technology International (Cti). These provide a practical and functional alternative to photographic representation of casting surfaces in standards such as MSS SP-55-2001. More than 2000 of these sets of comparators are used around the world by multi-national companies and by small enterprises. The durable plastic comparator plates, actual replicas of relevant characteristics of surface finish, have proved to be a more attractive way of reaching agreement with casting suppliers on the required surface quality during contract negotiations. They also provide a basis for acceptance of the castings after order placement. The comparators form the basis of ASTM A802/A802M – 95 (2006) Standard Practice for Steel Castings, Surface Acceptance Standards, Visual Examination. The set of 48 comparators applies to ISO 11971:2008 Steel and Iron Castings – Visual examination of surface quality, BS EN 1370:1997 Founding – Surface roughness inspection by visual tactile comparators, BS EN 12454:1998 Founding. Visual examination of surface discontinuities. Steel sand castings. Surface Roughness (A)//Surface Inclusions (B)//Gas Porosity (C)//Laps and Cold Shuts (D)//Scabs (E)//Chaplets (F)//Surface Finish - Thermal Dressing (G)//Surface Finish - Mechanical Dressing (H)//Welds (J)//Hot Tears//Mechanical Dressing - Chipping//