

**HFRR test upper (hardness: 58-66 HRC) and lower (hardness: 190-210 HV30) specimens - set of 100pcs (100 balls and 100 discs)**

Art. ID	TL-HFRR-WTSS
Unit	Set
Deliverydetails	No Dangerous Good /not restricted

Description

HFRR standard specimens are sold as a pack of 100 upper and 100 lower specimens. The upper specimen is a 6 mm diameter ball that is loaded into the upper specimen holder and the lower specimen is a 10 mm disc that is loaded into the lower specimen holder. The upper specimen (Ball) is specified (Material: AISI E-52100 steel) with a Rockwell hardness "C" scale (HRC) number of 58-66, and a surface finish of less than 0.05 µm Ra. The lower specimen (Disc) is specified (Material: AISI E-52100 steel) with Vickers hardness "30Hv" scale number of 190-210 and a surface finish of less than 0.02 µm Ra. All test Upper & Lower Specimens meet the requirements of: ASTM D6079-18, ISO 12156-1:2016, EN 590, JPI-5S-50, IP 450.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
					ISO 12156-1:2016	
					ASTM D6079-18	
					EN 590	
					JPI-5S-50	
					IP 450	