

Technical Bulletin

SE 316

Description	S16 is a 316 type austenitic stainless steel wire especially manufactured for the metallising process. It produces coatings which are bright, dense and resistant to corrosion and wear. These coatings can easily be machined to a very good finish.
Nominal Chemistry	<ul style="list-style-type: none"> ➤ Chromium 17 ➤ Nickel 12 ➤ Manganese 2 ➤ Molybdenum 2.5 ➤ Silicon 1 ➤ Carbon 0.8 ➤ Iron Balance
Hardness	R _B 81
Melting Temperature	1.427°C approx
Typical Application	<p>Wear rings on hydraulic turbines.</p> <ul style="list-style-type: none"> ➤ Water turbine buckets and nozzles. ➤ Diesel engine cylinder liners. ➤ Pumps. ➤ Hydro-electric valves. ➤ Damp valve plugs and seats. ➤ Mis-machined parts. ➤ Worn parts. ➤ Machine elements. ➤ Coating of cast iron and cast steel machinery used in food preparation.