

# Coupling type SM (Spray Metal)

Spray Metal (SM) is a superficial hardening process in which a powder mix of nickel, chrome, boron and silicon is applied to the base metal and is then melted. This results in a hard, dense and uniform surface with a low friction coefficient and high corrosion resistance.



## Features and Benefits

- Supplier Quality system audited against ISO 9001- 2008
- All equipment manufactured to specification API 11BR
- Qteq internal technical inspection process improves quality of produce delivered to client.
- Minimum hardness of 595 HV200
- Thickness of between 0.01” and 0.02”
- Coating covers entire external coupling

## Specifications

<b>Chemical Properties</b>	AISI 5140 (40Cr)
<b>C</b>	0.37~0.44
<b>Mn</b>	0.50~0.8
<b>Si</b>	0.17~0.37
<b>P</b>	≤0.035
<b>S</b>	≤0.040
<b>Cr</b>	0.8~1.1
<b>Hardness</b>	595 HV200 Minimum