

Structural Steel **S420G2+M**

DESIGNATIONS

Swedish standard	
ASTM / ASME standard	
Equivalent Quality	
W.stoff no.	1.8857

APPLICATION

Used for oil and gas drilling platforms and offshore foundations for wind turbines.

COMPOSITION

C	max. 0,14
Cr	max. 0,25
Cu	max. 0,30
Mn	max. 1,65
Mo	max. 0,25
Ni	max. 0,70
Ti	max. 0,025
V	max. 0,060
Mo	max. 0,08
Nb	max. 0,030

DIMENSIONS / FORMAT

Sheet	10 - 120 mm
Round Steel	
Flat/Square	
Hexagonal	
Forging	
Pipes	

MECHANICAL PROPERTIES

Yield Strength	
Tensile Strength	
Impact Toughness	-40°C / 50J