

STEEL



# Oil & Gas Service Centre

## Engineered for extreme environments

Our diverse steel portfolio ranges from alloys to corrosion-resistant stainless steels. These products enable our Oil & Gas customers to improve reliability and durability, while extending component operating life, thereby lowering the total cost of ownership.

Our steels are ideal for both on and off-shore extraction activities which require high strength steels for drillstrings or specialised completion tools used in shale extractions.

MEMBER OF



## Product range

Liberty Speciality Steels are pleased to offer the following stocks and services, designed to support the O&G industry directly from our Steel Making operations in South Yorkshire.

The Liberty Speciality Steels Oil & Gas Service Centre (OGSC) can offer a full added services including cutting, turning, boring, honing and testing; all within competitive lead times - including same day despatch.

ø (in)	ø (mm)	Weight/m	4140 (18/22 HRc)	4145 (30/36 HRc)	4330v (38/42 HRc)	420 (18/22 HRc)	9CrMo1 UNS K90941	Super13 Cr 95ksi	Super13 Cr 110ksi
3	76.2	35.77	•	•	•	•			
3.25	82.55	41.98	•	•	•	•			
3.5	88.9	48.68	•	•	•	•	•		
3.75	95.25	55.89	•	•	•	•	•		
4	101.6	63.59	•	•	•	•	•		
4.25	107.95	71.78	•	•	•	•	•		
4.5	114.3	80.48	•	•	•	•	•		
4.75	120.65	89.67	•	•	•	•	•		
5	127	99.35	•	•	•	•	•		
5.25	133.35	109.54	•	•	•	•	•	•	•
5.5	139.7	120.22	•	•	•	•	•	•	•
5.75	146.05	131.4	•	•	•	•	•	•	•
6	152.4	143.07	•	•	•	•	•	•	•
6.25	158.75	155.24	•	•	•	•	•	•	•
6.5	165.1	167.91	•	•	•	•	•	•	•
6.75	171.45	181.07	•	•	•	•	•	•	•
7	177.8	194.74	•	•	•	•	•	•	•
7.25	184.15	208.89	•	•	•	•	•	•	•
7.5	190.5	235.55	•	•	•	•	•	•	•
7.75	196.85	238.7	•	•	•	•	•	•	•
8	203.2	254.35	•	•	•	•	•	•	•
8.25	209.55	270.49	•	•	•	•	•	•	•
8.5	215.9	287.13	•	•	•	•	•	•	•
8.75	222.25	304.27	•	•	•	•	•	•	•
9	228.6	321.91	•	•	•	•	•	•	•
9.25	234.95	340.04	•	•	•	•	•	•	•
9.5	241.3	358.67	•	•	•	•	•	•	•
9.75	247.65	377.8	•	•	•	•	•	•	•
10	254	397.42	•	•	•	•	•	•	•
10.25	260.35	417.54	•	•	•	•	•	•	•
10.5	266.7	438.15	•	•	•	•	•	•	•
10.75	273.05	459.27	•	•	•	•	•	•	•
11	279.4	480.88	•	•	•	•	•	•	•
11.25	285.75	502.98	•	•	•	•	•	•	•
11.5	292.1	525.59	•	•	•	•	•	•	•
11.75	298.45	548.69	•	•	•	•	•	•	•
12	304.8	572.28	•	•	•	•	•	•	•
12.25	311.15	596.38	•	•	•	•	•	•	•
12.59	319.786	631.78	•	•	•	•	•	•	•

### Customer approvals

Baker Hughes National Oilwell Varco (NOV)  
Cameron Smith International  
Halliburton Weatherford

### Third party approvals

Germanischer Lloyd  
Lloyds Register

### Accreditations

BS EN ISO 9001  
BS EN 9100  
BS EN ISO 17025 (testing)  
ISO 14001  
NORSOK M650  
Nadcap: Heat treatment, NDT,  
Material testing

### Technical Support

Our highly qualified technical team will provide advice on the most appropriate grade and product to your specific requirement. Customer Technical Support provide specialist advice and help with day to day problem solving.

Works based metallurgists and the full resources of our development team available to assist with longer term developments.

For further information, enquiries or any guidance on our range of products and services, please contact us using the information below.

#### LIBERTY SPECIALITY STEELS

PO Box 50, Aldwarke Lane, Rotherham,  
S60 1DW, United Kingdom

T: + 44 (0) 1709 82 6551

E: asc-bolton@specialityuk.com

T: + 44 (0) 1709 37 1234

E: matthew.curtis@specialityuk.com

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V4 11/2019.

