



## Astrup MDS 34CrNiMo6

**34CrNiMo6**

KVALITET, MANGFOLD OG GODT SAMARBEID

Material Description		Quality						
Engineering steel bars Q+T		EN 10083-3 / 34CrNiMo6						
Chemical Composition								
	C	Si	Mn	P	S	Cr	Mo	Ni
Min	0,30	0,15	0,50			1,30	0,15	1,30
Max	0,38	0,40	0,80	0,025	0,035	1,70	0,30	1,70
Thechnical requirements								
Mechanical properties <ul style="list-style-type: none"> <li>• &gt;Ø40-Ø100 mm Min Re = min800 N/mm<sup>2</sup> Tensile Rm = 1000-1200 N/mm<sup>2</sup></li> <li>• &gt;Ø100-Ø160 mm Min Re = min 800 N/mm<sup>2</sup> Tensile Rm = 950-1200 N/mm<sup>2</sup></li> <li>• Elongation A5 min 11%, Z min 50%</li> <li>• Charpy V -20 C<sup>o</sup> min 27J, Charpy V -40 C<sup>o</sup> values inf</li> <li>• Ultrasonic test SEP 1920 Coverage 1, quality class A</li> </ul>								
Certificate								
Acc. To EN 10204/3.1								
Form of supply								
Lengths from 6 meter								
Marking								
Astrup purchase number, each bar to be hard stamped with charge number. Marked with quality and dimension. Yellow end marking.								