



**C22R**  
Non-alloy special steel

(W. NR. 1.1149)

**CHEMICAL COMPOSITION:** (heat analysis according to the EN 10083-2:2006 standard)

	C %	Si %	Mn %	P %	S %	Cr %	Ni %	Mo %	Cr+Mo+Ni %
FROM	0,17	-	0,40	-	0,020	-	-	-	-
TO	0,24	0,40	0,70	0,030	0,040	0,40	0,40	0,10	0,63

**\*MECHANICAL FEATURES:** there aren't any indications for drawn products +C

\* Delivery condition: as rolled.

**PROPERTIES :**

Semi-hard, tough carbon-steel, easily machinable by cold-strain.

**Weldability:**

Easily weldable.

**Hardenability:**

Extremely low hardenability, used above all for pieces of small section and when deformations due to water-quenching are allowed.

**Notes :**

**CORRESPONDENCE WITH OTHER STANDARDS ( purely as an indication) :**

<b>DIN 17200</b> Cm22	<b>AFNOR 35-551</b> XC18u
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