



**STEEL M.A.C. Di Nicola Silvestri**

*Hot Forging Steel*

*Casting products*

*Gears and Machined parts*

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**STEEL M.A.C.**

*Is a company that works with and represents two Italian Companies about.*

*-Hot forging steel: all type of carbon steel , low alloy steel and Stainless steel*

*-Foundry Casting parts*

*-Thirty years of experience in these sector*

*The details of our production, within the following sectors: automotive, rail, agricultural, petrochemical and fittings, construction, and every other detail of the customer's specifics.*

*We offer competitive price and good quality, because we have technology systems that allow very fast production cycles in compliance with quality standards and delivery time.*

PEZZI FINITI - FINISHED PIECES  
TEILE - PIECES



ALBERI - SHAFTS - WELLEN - ARBRES



RUOTE E FLANGE - DISKS AND FLANGES  
RÄDER UND FLANSCHEN - ROUES ET FLANGES



FORGIATI VARI - FORGED PIECES  
GESCHMIEDETE TEILE - PIECES FORGEES



# Cast iron grades Gusseisentypen

List of cast iron grades produced and equivalences in UNI standards  
 Liste der hergestellten Gusseisentypen und Vergleich zwischen den Normen

Grey iron in accordance with UNI EN 1561 Grauguss Norm UNI EN 1561	Tensile strength on specimens casted separately N/mm <sup>2</sup> Zugfestigkeit der Gussprobe, getrennt gegossen N/mm <sup>2</sup>			UNI 5007
EN-GJL-150	from/von 150 to/bis 250			G15
EN-GJL-200	from/von 200 to/bis 300			G20
EN-GJL-250	from/von 250 to/bis 350			G25

  

Nodular (sg) iron in accordance with UNI EN 1563 Sphäroguss Norm UNI EN 1563	Tensile strength R <sub>m</sub> N/mm <sup>2</sup> Minimum Zugfestigkeit R <sub>m</sub> N/mm <sup>2</sup> Mindestens	Proof strength 0,2% Rp0,2 N/mm <sup>2</sup> Minimum Dehngrenze 0,2% Rp0,2 N/mm <sup>2</sup> Mindestens	Elongation A % Min. Bruchdehnung A % Min.	UNI 4544-74
EN-GJS-400/15	400	250	15	GS400/12
EN-GJS-450/10	450	310	10	GS400/12
EN-GJS-500/7	500	320	7	GS500/7
EN-GJS-600/3	600	370	3	GS600/3
EN-GJS-700/2	700	420	2	GS700/2

Standards do not exactly correspond.  
 Die Vergleiche sind nicht exakt übereinstimmend.



