

## DELIVERY CONDITIONS

Annealed.

## PROPERTIES AND MOST COMMON APPLICATIONS

Alloyed steel to be used in treated condition with a tensile strength of between 85-125 kg/mm<sup>2</sup>.

Good shock and torsion stress resistance.

Its most common applications are for crankshafts, connection rods and medium size shafts.

## DIMENSIONS IN STOCK MM.



Annealed: 20-505

## APPLICABLE STANDARD

UNE 36-012-75

## CHEMICAL COMPOSITION

	<b>C</b>	<b>Mn</b>	<b>Si</b>	<b>P</b>	<b>S</b>	<b>Cr</b>	<b>Mo</b>	<b>Ni</b>
MIN	0,32	0,55	0,15			0,65	0,15	1,60
MAX	0,38	0,85	0,40	0,035	0,035	0,95	0,30	2,00

## HEAT TREATMENTS - APPROXIMATE TEMPERATURES

<b>Annealed</b> °C	<b>Quenched</b> °C	<b>Tempered</b> °C
640-670	820 - 840 oil	540-660

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## MECHANICAL PROPERTIES AT ROOM TEMPERATURE IN ANNEALED CONDITION

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Maximum hardness : 248 HB

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## APPROXIMATE EQUIVALENT STANDARDS

EN	DIN	Nº STAND	UNE	STAS	AFNOR	BS	UNI	AISI/SAE	GOST
	35NiCrMo7		F1270					4337	34xH2M

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## COLOUR CODE

