

PROPERTIES AND MOST COMMON APPLICATIONS

Non-critical pieces and limited mechanical properties.

Good weldability and may be case hardened.

Its most common applications are for rivets, bolts, pipes and metallic structures.

DIMENSIONS IN STOCK MM.



5 - 100



4 - 100



10X3 - 200X60

APPLICABLE STANDARD

EN 10277-2

CHEMICAL COMPOSITION

	C	Mn	Si	P	S
MIN		0,30			
MAX	0,20	0,80	0,40	0,045	0,045

MECHANICAL PROPERTIES

Dimensions		Re (N/mm ²)	Rm (N/mm ²)		A (%)
mm.		min.	min.	max.	min.
≥ 5	≤ 10	380	500	800	8
> 10	≤ 16	340	480	770	9
> 16	≤ 40	280	430	730	10
> 40	≤ 63	240	380	670	11
> 63	≤ 100	215	360	600	12

APPROXIMATE EQUIVALENT STANDARDS

EN	DIN	Nº STAND	UNE	STAS	AFNOR	BS	UNI	AISI/SAE	GOST
									18Г

DELIVERY CONDITIONS

Grade	Profile	Tolerance	Length, mm.	Bundle weight, kg min.
F1		h9 -h10-h11	3000 - 6000	1000 - 2000
F1		h11	3000 - 6000	1000
F1		h11	3000 - 6000	1000

COLOUR CODE

