

## PROPERTIES AND MOST COMMON APPLICATIONS

Resulfurized steel with lead addition of improved machinability.  
Used in multiple applications with no important mechanical requirements.  
Its most common applications are for screws, bolts, tips, nipples and washers.

## DIMENSIONS IN STOCK MM.



5 - 100



5 - 70

## APPLICABLE STANDARD

EN 10277-3

## CHEMICAL COMPOSITION

	C	Mn	Si	P	S	Others
MIN		0,90			0,27	
MAX	0,14	1,30	0,05	0,11	0,33	PB: 0,20 - 0,35



## MECHANICAL PROPERTIES

Dimensions		Re (N/mm <sup>2</sup> )	Rm (N/mm <sup>2</sup> )		A (%)
mm.		min.	min.	max.	min.
≥ 5	≤ 10	440	510	810	6
> 10	≤ 16	410	490	760	7
> 16	≤ 40	375	460	710	8
> 40	≤ 63	305	400	650	9
> 63	≤ 100	245	360	630	9

## APPROXIMATE EQUIVALENT STANDARDS

EN	DIN	Nº STAND	UNE	STAS	AFNOR	BS	UNI	AISI/SAE	GOST
11SMnPb30	95MnPb28	1.0718	F2112		S250Pb		CF9SMnPb28	12L13	AS14

## DELIVERY CONDITIONS

Grade	Profile	Tolerance	Length, mm.	Bundle weight, kg min.	Chamfering
11SMnPb30		h9 - h10	3000 - 4000	1000 - 2000	9,5-65 mm: 1 or 2 ends
11SMnPb30		h11	3000 - 4000	1000	≤ 55 mm: 1 or 2 ends

## COLOUR CODE

