



MATERIAL DATA SHEET 1.0715 (11SMN30)

DESCRIPTION: Machining steel.

CHEMICAL COMPOSITION					
%	C	Si	Mn	P	S
	≤ 0,14	≤ 0,05	0,90-1,30	≤ 0,11	0,27-0,33

MECHANICAL PROPERTIES DELIVERY CONDITION = COLD DRAWN (+C)				
Diameter	Tensile Strength [N/mm ²]	Yield Point [N/mm ²]	Ultimate Strain A5 in [%]	Hardness [HB]
> 5 – 10	510 – 810	min. 440	min. 6	-
11 - 16	490 – 760	min. 410	min. 7	-
17 – 40	460 – 710	min. 375	min. 8	112 – 169
41 - 63	400 – 650	min. 305	min. 9	112 – 169
64 - 100	360 - 630	min. 245	min. 9	107 - 154

USE: Machining steel for the application regarding bulk goods of fasteners for the automotive- and metalworking industry.

NO RESPONSIBILITY IS TAKEN FOR THE CORRECTNESS OF THIS INFORMATION