

<b>SYMBOLIC DESIGNATION</b>	<b>YIELD STRENGTH(Re)</b>	<b>TENSILE STRENGTH (Rm)</b>	<b>A (%)min</b>		
DC01	140-280	270-410	28		
DC01	140-280	270-410	28		
DC03	140	270-370	34		
DC03	140	270-370	34		
<b>SYMBOLIC DESIGNATION</b>	<b>YIELD STRENGTH (Re)</b> thk 1,5-2mm thk 2-8mm	<b>TENSILE STRENGTH (Rm)</b>	<b>A (%)min</b> thk 1,5-2mm thk 2-3mm thk 3-8mm		
DD11	170-360 170-340	440 max	23	24	28
<b>SYMBOLIC DESIGNATION</b>	<b>YIELD STRENGTH (Re)</b>	<b>TENSILE STRENGTH (Rm)</b>	<b>A (%)min</b>		
DX51D	--	270-410	22		
<b>SYMBOLIC DESIGNATION</b>	<b>MINIMUM YIELD STRENGTH (Re)</b> thk<16mm thk 16-40mm thk<3mm			<b>TENSILE STRENGTH (Rm)</b> thk 3-100mm	<b>A 5 (%)min</b>
S235JR	235	225	360-510	360-510	26
S275JR	275	265	430-580	410-560	23
S355JR	355	345	510-680	460-630	18
S355J2	355	345	510-680	460-630	18
<b>SYMBOLIC DESIGNATION</b>	<b>YIELD STRENGTH (Re)</b>	<b>TENSILE STRENGTH (Rm)</b>	<b>A (%)min</b> thickness<3 thickness>3		
S355MC	355	430-550	19	23	
S500MC	500	550-700	12	14	
S420MC	420	480-620	16	19	
S700MC	700	750-950	10	12	
<b>HARDNESS HB</b>	<b>YIELD STRENGTH (Re)</b>	<b>TENSILE STRENGTH (Rm)</b>	<b>A (%) min</b>		
370-430	1000	1250	10		
425-475	1200	1400	10		
450-540	1500	1500	9		
<b>SYMBOLIC DESIGNATION</b>	<b>MINIMUM YIELD STRENGTH (Re)</b> thk <16mm thk 16-40mm		<b>TENSILE STRENGTH (Rm)</b> thk <3mm esp 3-100mm		<b>A (%)min</b> thk 1,5-3mm thk 3-40mm
S355J0W	355	345	510-680	490-630	18 22

## CARBON STEEL CHARACTERISTICS

SYMBOLIC DESIGNATION	YIELD STRENGTH (Re)	TENSILE STRENGTH (Rm)	A (%)min
F114 F513-calibrated plate	315 1000	600-750 800-1100	17 --

SYMBOLIC DESIGNATION	YIELD STRENGTH (Re)	TENSILE STRENGTH (Rm)	A (%)min
P265 GH	265	410-530      22	

SYMBOLIC DESIGNATION	YIELD STRENGTH (Re)	TENSILE STRENGTH (Rm)	A (%)min
NAVAL A 400-520 AH36 490-620	235 355	400-520 490-620	22 21