



# DH36

SHIPBUILDING

## ◆ PLATES

QUALITY	DH36
STEEL NUMBER	N.A.
NORM	ACC. TO THE RULES OF CLASSIFICATION
CERTIFICATION	3.2 - EN 10204 / TCM
HEAT TREATMENT	≤ 12,5 MM.: AR / N / NR / TM > 12,5 MM.: N / NR / TM

## ◆ MECHANICAL PROPERTIES:

Thickness mm.	Min. yield (Mpa)	Tensile strenght (Mpa)	Min. Elongation (%)	Min. Impact Energy (KV J longitudinal)
				-20°
≤ 50	355	490-630	21	34 / 24
> 50 ≤ 70	355	490-630	21	41 / 27
> 70 ≤ 100	355	490-630	21	50 / 34

## ◆ CHEMICAL COMPOSITION:

C	Mn	Si	S	P	Al	Ti	Nb	V	Ni	Cu	Mo	N
max.		max.	max.	max.	min.	max.	min.	min.	max.	max.	max.	max.
0,18	0,90-1,60	0,50	0,035	0,035	0,015	0,020	0,02-0,05	0,05-0,10	0,40	0,35	0,20	0,08

## ◆ AVAILABLE FROM STOCK:

Length:	Width:	Thickness:
max. 14000 mm	2000/2500/3000 mm	6 - 200 mm
max. 14000 mm	3250/3500 mm	max. 60 mm
max. 12000 mm	4000 mm	max. 30 mm

### DE JONG & LAVINO

METAL SUPPLY  
& PROCESSING  
GROUP

### VISITING ADDRESS

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PLEASE NOTE THAT THE INFORMATION MENTIONED ABOVE IS A BRIEF SUMMARY.  
FOR FULL SPECIFICATION, WE REFER TO THE ACTUAL NORM.