

COMPARISON CHART BETWEEN A36 vs JIS 3101- SS400

(STRUCTURAL QUALITY)

GRADE	CHEMICAL COMPOSITION(%)					TENSION TEST		
	C	Si	Mn	S	P	Tensile Strength (Mpa)	Yield Point (Mpa)	Elongation
ASTM A36	max0.25	max0.04	/	max0.050	max0.040	400-550	min250	20-23
SS400	max 0.21	max 0.10	/	max 0.005	max 0.005	400-510	min 245	<=5mm 17
								>5mm 21