

# ALLOY STEEL PLATES

Specifications	Chemical									Mechanical				
	C Max	Mn Max	Si Max	S Max	P Max	Cr Max	Mo Max	Ni Max	Cu Max	Tensile	Yield	% EL		Bend
												50 GL	200 GL	
ASTM A 387														
Gr 11 - Cl 2	0.17	$\frac{0.40}{0.65}$	$\frac{0.50}{0.80}$	0.04	0.035	$\frac{1.0}{1.50}$	$\frac{0.45}{0.65}$	—	—	$\frac{515}{690}$	310	22	18	—
Gr 12 - Cl 2	0.17	$\frac{0.40}{0.65}$	$\frac{0.15}{0.40}$	0.04	0.035	$\frac{0.80}{1.15}$	$\frac{0.45}{0.60}$	—	—	$\frac{450}{585}$	275	22	19	—
Gr 5 - Cl 2	0.15	$\frac{0.30}{0.60}$	0.50	0.035	0.035	$\frac{4.0}{6.0}$	$\frac{0.45}{0.65}$	—	—	$\frac{515}{690}$	310	18	—	—
Gr 22 - Cl 2	0.15	$\frac{0.30}{0.60}$	0.50	0.035	0.035	$\frac{2.0}{2.5}$	$\frac{0.90}{1.10}$	—	—	$\frac{515}{690}$	310	18	—	—