

## Energy and Pressure vessel steel plate

Steel type	Carried standard	Steel designation	Thickness scope	Delivery status
Low and normal pressure vessel steel	ASTM A738/A738M	SA738 Gr A	8~60	N
		SA738 Gr B	8~60	Q+T
		SA738 Gr C	8~60	Q+T
	ASTM A612/A612M	A612	8~25	N
	ASTM A737/A737M	SA737 Gr B	8~50	N
		SA737 Gr C	8~50	Q+T
	ASTM A387/A387M	A387 Gr12	8~100	N, N+T
		A387 Gr11	8~100	N, N+T
		A387 Gr22	8~100	N, N+T
	ASTM A662/A662M	SA662 Gr A	8~50	N
		SA663 Gr B	8~50	N
		SA664 Gr C	8~50	N
	ASTM A516/A516M	SA516 Gr 55	8~120	N+T/AR+SR
		SA516 Gr 60	8~120	N+T/AR+SR
		SA516 Gr 65	8~120	N+T/AR+SR
		SA516 Gr 70	8~120	N+T/AR+SR
	ASTM A299/A299M	A299	8~130	N
	ASTM A455/A455M	A455	8~120	N
	GB/T 713	Q245R	8~100	N
		Q345R	8~100	N
Q370R		10~60	N	
18MnMoNbR		30~100	N+T	
13MnNiMoR		30~100	N+T	
15CrMoR		8~100	N+T	
14Cr1MoR		8~100	N+T	
12Cr1MoVR		8~100	N+T	
12Cr2Mo1R	8~100	Q+T		
Quenched and tempered pressure vessel steel	GB/T 19189	07MnMoVR	12~60	Q+T
		07MnNiVDR	12~60	Q+T
		07MnNiMoDR	12~50	Q+T
		12MnNiVR	12~60	T, Q+T
	JIS G 3115	SPV490	12~60	Q+T
Low temperature pressure vessel steel	GB/T 3531	16MnDR	8~100	N
		09MnNiDR	8~120	N+T

pressure vessel steel	GB/T 713	Q245R	10~40	CR
		Q345R	10~40	CR, TMCP
		Q370R	10~40	CR, TMCP
Re: AR+SR—as rolled + stress relieving				