

Cancels and replaces Table Z G 6141

TEMPERATURE RANGE	MATERIAL		K_{Jc} (MPa \sqrt{m})	J_{Ic} (kJ/m ²)	$\frac{dJ}{da}$ (MPa)
$T \geq 200^\circ C$	Base metal, function of sulfur content (%)	$S \leq 0.005$	200	190	180
		$0.005 < S \leq 0.008$	170	135	120
$0.008 < S \leq 0.011$		155	110	85	
$0.011 < S \leq 0.015$		135	85	55	
	Welded joints		170	135	120
$T \leq 50^\circ C$	Base metal, function of sulfur content (%)	$S \leq 0.005$	245	265	270
		$0.005 < S \leq 0.008$	205	190	<u>180</u>
		$0.008 < S \leq 0.011$	190	160	<u>128</u>
		$0.011 < S \leq 0.015$	175	135	<u>83</u>
	Welded joints		205	190	<u>180</u>

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Values of K_{Jc} and J_{Ic} for materials covered under M 2110 and M 2120 and related welded joints. Toughness values for intermediate temperatures between 50°C and 200°C may be determined by linear interpolation.