

BS 6363-83 WELDED COLD FORMED STEEL STRUCTURAL HOLLOW

1. Chemical Composition

Grade	Mfg. Process	Chemical Composition (%)								
		C	Si	Mn	P	S	Ni	Cr	Mo	Others
34/26	E	0.16Max	-	1.20Max	0.050Max	0.50Max	-	-	-	-
43/36	E	0.20Max	0.40Max	1.20Max	0.050Max	0.50Max	-	-	-	-
50/45	E	0.23Max	0.40Max	1.20Max	0.050Max	0.50Max	-	-	-	-

2. Mechanical Properties

Grade	Tensile Test MPa or N/mm ²		Remarks (Similar to JIS)
	Min Yield point	Tensile Strength	
34/26	265	340	(STKR460)
43/36	360	430	(STKR400)
50/45	450	500	(STKR490)