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Henan BEBON international co.,ltd**BS1449 HR43F35 steel plate/sheet for High yield strength cold forming steels**

BS1449 HR43F35 steel plate/sheet, BS1449 HR43F35 steel plate/sheet, under BS standard, we can regard HR43F35 steel plate/sheet for high yield strength cold forming steels.

BS1449 HR43F35 is a technical delivery conditions for high yield strength cold forming steels. It is according to BS1449 standard. we can regard HR43F35 steel plates/sheets are low-perlite steel grades offer excellent bending, flanging, **cold-bordering** and **folding properties** in both longitudinal and transverse direction. The bending radii specified below should be observed as **minimum values**.

HR43F35 BS1449 MATERIAL#1.092	Comparison of steel grades	
	A 517 / A 607 / J 1392	045 XLK
	NFA 36-231	E 315 D
	EN10149-2	HR 43F35
	Salzgitter Flachstahl -	PSQ 32

HR43F35 steel plate Chemical analysis-% by mass*

Chemical analysis - % by mass*	C	Si	Mn	P	S ¹⁾	Al _{total}	Mo	Ti	B
	ma x.	ma x.	ma x.	max.	max.	min.	ma x.	ma x.	ma x.
	0,1 2	0,5 0	1,3 0	0,02 5	0,02 0	0,01 5	-	0,1 5	-

HR43F35 steel sheet Mechanical properties

Mechanical properties	Yield Strength ReH [N/mm ²] transv.min.	Tensile Strength Rm [N/mm ²] transv.	Min. totalelongation [%]		Smallest recommended bending radius bending angles ≤ 90		
			L ₀ = 80 mm	L ₀ = 5,65 √S ₀	e ¹⁾ ≤ 3	3 < e ¹⁾ < 6	e ¹⁾ > 6
HR43F35	315	390 - 510	e ²⁾ < 3	e ²⁾ ≥ 3	0,25 e	0,5 e	1,0 e
			20	24			

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