南達 Southern Steel

HOT ROLLED STEEL BARS SPECIFICATIONS (DEFORMED/RIBBED, STRAIGHT)

Standard	Grade	Size (mm)	C	P	S	Cu	N	CE	YS (MPa)	Ratio*	AGT (%)	Certified By
MS 146 : 2014	B500B	10,12,13,16,20,22,25,28,32,40	0.22 max	0.050 max	0.050 max	0.80 max	0.012 max	0.50 max	500 min	1.08 min	5.0 min	SIRIM QAS
	B500C									≥1.15, <1.35	7.5 min	
BS 4449:2005 +A3 :2016	B500B	10,12,16,20,22,25,28,32,40	0.22 max	0.050 max	0.050 max	0.80 max	0.012 max	0.50 max	500 min	1.08 min	5.0 min	SIRIM QAS
	B500C									≥1.15, <1.35	7.5 min	
CS2 : 2012	B500B	10,12,16,20,22,25,28,32,40	0.22 max	0.050 max	0.050 max	0.80 max	0.012 max	0.50 max	500 min	1.08 min	5.0 min	SIRIM QAS
	B500C									≥1.15, <1.35	7.5 min	
SS 560 : 2016	B500B	10,12,13,16,20,22,25,28,32,40	0.22 max	0.050 max	0.050 max	0.80 max	0.012 max	0.50 max	500 min	1.08 min	5.0 min	SIRIM QAS
AS/NZS 4671 : 2019	D500N	10,12,16,20,24,25,32,36,40	0.22 max	0.050 max	0.050 max	-	-	0.44 max	500 min	1.08 min	5.0 min	ACRS

HOT ROLLED STEEL BARS SPECIFICATIONS (ROUND/PLAIN, STRAIGHT)

Standard	Grade	Size (mm)	C	P	S	Cu	N	CE	YS (MPa)	Ratio*	AGT (%)	Certified By
MS 144:2014	G250	6,8,10	0.22 max	0.050 max	0.050 max	0.80 max	0.012 max	0.42 max	250 min	1.15 min	5.0 min	SIRIM QAS
MS 146:2006	G250	16,20	0.25 max	0.060 max	0.060 max	-	0.012 max	0.42 max	250 min	-	22** min	SIRIM QAS
BS 4449:1997	G250	16,20	0.25 max	0.060 max	0.060 max	-	0.012 max	0.42 max	250 min	-	22** min	SIRIM QAS
AS/NZS 4671 : 2019	250N	10,12,16	0.22 max	0.050 max	0.050 max	-	-	0.43 max	250 min	1.08 min	5.0 min	ACRS

Note : * Ratio = Tensile strength / Yield Strength ; **Elongation at fracture

DEFORMED BAR IN COIL

Standard	Grade	Size (mm)	C	P	S	Cu	N	CE	YS (MPa)	Ratio*	AGT (%)	Certified By
MS 146 : 2014	B500B	10, 12, 13	0.22 max	0.050 max	0.050 max	0.80 max	0.012 max	0.50 max	500 min	1.08 min	5.0 min	SIRIM QAS