

Steel Bar Specifications

SIZE	GRADE DESCRIPTION	MASS PER METERE(KG)	METRES PER TONNE (APPROX)	40" CONTAINER PACK QUANTITY Base on 6 Meter	
N12	500 N or E Deformed Bar	0.91	1099	4,300	
N16	500 N or E Deformed Bar	1.62	618	2,400	
N20	500 N or E Deformed Bar	2.53	395	1,500	
N24	500 N or E Deformed Bar	3.64	275	1,000	
N28	500 N or E Deformed Bar	4.95	202	800	
N32	500 N or E Deformed Bar	6.47	155	600	
N36	500 N or E Deformed Bar	8.19	122	480	
S12	300 S Deformed Pool Bar	0.91	1099	4,300	

		σ_s (or $\sigma_{p0.2}$)	σ_b	δ_5
		Mpa	Mpa	%

HRB 335	6-25 28-25	>335	>490	>16
HRB 400	6-25 28-50	>400	>470	>14
HRB 500	6-25 28-50	>500	>630	>12

	C	Si	Mn	P	S	Ceq
HRB 335	0.25	0.8	1.6	0.05	0.05	0.52
HRB 400	0.25	0.8	1.6	0.05	0.05	0.54
HRB 500	0.25	0.8	1.6	0.05	0.05	0.55