

Gray Iron Comparison						Casting Thickness /mm	Chemical Composition (%)				
China (GB/T 9439-1988)	ISO 185: 1988	USA ASTM A48/A48M-03 (2008)	Europe(EN 1561: 1997)	Japan (JIS G5501-1995)	Russia (ГОСТ 1412)		C	Si	Mn	P ≤	S ≤
HT100 (HT10-26)	100	No.20 F11401	GJL-100 JL-1010	FC 100	cч10	-	3.4-3.9	2.1-2.6	0.5-0.8	0.3	0.15
HT150 (HT15-33)	150	No.25A F11701	GJL-150 JL-1020	FC 150	cч15	< 30 30-50 > 50	3.3-3.5 3.2-3.5 3.2-3.5	2.0-2.4 1.9-2.3 1.8-2.2	0.5-0.8 0.5-0.8 0.6-0.9	0.2	0.12
HT200 (HT20-40)	200	No.30A F12101	GJL-200 JL-1030	FC 200	cч20	< 30 30-50 > 51	3.2-3.5 3.1-3.4 3.0-3.3	1.6-2.0 1.5-1.8 1.4-1.6	0.7-0.9 0.8-1.0 0.8-1.0	0.15	0.12
HT250 (HT25-47)	250	No.35A F12401 No.40A F12801	GJL-250 JL-1040	FC 250	cч25	< 30 30-50 > 52	3.0-3.3 2.9-3.2 2.8-3.1	1.4-1.7 1.3-1.6 1.2-1.5	0.8-1.0 0.9-1.1 1.0-1.2	0.15	0.12
HT300 (HT30-54)	300	No.45A F13301	GJL-300 JL-1050	FC 300	cч30	< 30 30-50 > 53	2.9-3.2 2.9-3.2 2.8-3.1	1.4-1.7 1.2-1.5 1.1-1.4	0.8-1.0 0.9-1.1 1.0-1.2	0.15	0.12
HT350 (HT35-61)	350	No.50A F13501	GJL-350 JL-1060	FC 350	cч35	< 30 30-50 > 54	2.8-3.1 2.8-3.1 2.7-3.0	1.3-1.6 1.2-1.5 1.1-1.4	1.0-1.3 1.0-1.3 1.1-1.4	0.1	0.1