

STANDARDS AUSTRALIA

Amendment No. 1
to
AS 1448—2007
Carbon and carbon-manganese steels—Forgings (ruling section 300 mm maximum)

CORRECTION

The 2007 edition of AS 1448 is amended as follows; the amendment(s) should be inserted in the appropriate place(s).

SUMMARY: This Amendment applies to the Tables 2, 3 and 4.

Published on 31 January 2008.

Table 2

Delete existing table and *replace* with the following:

TABLE 2
CHEMICAL COMPOSITION OF FULLY KILLED
CARBON STEELS

1	2	3	4	5	6	7	8	9
Grade AS 1448	Chemical composition (cast analysis), percent							
	Carbon		Silicon		Manganese		Phosphorus	Sulphur
	min.	max.	min.	max.	min.	max.	max.	max.
K1010	0.08	0.13	0.10	0.35	0.30	0.60	0.050	0.050
K1011	0.08	0.13	0.10	0.35	0.60	0.90	0.050	0.050
K1016	0.13	0.18	0.10	0.35	0.60	0.90	0.050	0.050
K1020	0.18	0.23	0.10	0.35	0.30	0.60	0.050	0.050
K1022	0.18	0.23	0.10	0.35	0.70	1.00	0.050	0.050
K1026	0.22	0.28	0.10	0.35	0.60	0.90	0.050	0.050
K1030	0.28	0.34	0.10	0.35	0.60	0.90	0.050	0.050
K1035	0.32	0.38	0.10	0.35	0.60	0.90	0.050	0.050
K1037	0.32	0.38	0.10	0.35	0.70	1.00	0.050	0.050
XK1038	0.35	0.42	0.10	0.35	0.85	1.10	0.050	0.050
K1040	0.37	0.44	0.10	0.35	0.60	0.90	0.050	0.050
K1042	0.40	0.47	0.10	0.35	0.60	0.90	0.050	0.050
K1045	0.43	0.50	0.10	0.35	0.60	0.90	0.050	0.050
K1046	0.43	0.50	0.10	0.35	0.70	1.00	0.050	0.050
K1050	0.48	0.55	0.10	0.35	0.60	0.90	0.050	0.050
K1055	0.50	0.60	0.10	0.35	0.60	0.90	0.050	0.050
K1058	0.56	0.63	0.10	0.35	0.30	0.55	0.050	0.050
K1060	0.55	0.65	0.10	0.35	0.60	0.90	0.050	0.050

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Table 3

Delete existing table and replace with the following:

TABLE 3

CHEMICAL COMPOSITION OF FREE-CUTTING STEEL

1	2	3	4	5	6	7	8	9	10	11
Grade AS 1448	Chemical composition (cast analysis), percent									
	Carbon		Silicon		Manganese		Phosphorus		Sulphur	
	min.	max.	min.	max	min.	max.	min.	max.	min.	max.
XS112	0.08	0.15	—	0.10	1.10	1.40	—	0.050	0.20	0.30
XS115	0.10	0.17	—	0.35	1.00	1.30	—	0.050	0.08	0.13
XK115	0.10	0.17	0.10	0.35	1.00	1.30	—	0.050	0.08	0.13
K1137	0.32	0.39	0.10	0.35	1.35	1.65	—	0.050	0.08	0.13
K1138	0.34	0.40	0.10	0.35	0.70	1.00	—	0.050	0.08	0.13
XK1145	0.42	0.49	0.10	0.35	1.35	1.65	—	0.050	0.12	0.20
K1146	0.42	0.49	0.10	0.35	0.70	1.00	—	0.050	0.08	0.13
XK1152	0.48	0.56	0.10	0.35	1.35	1.65	—	0.050	0.25	0.35
S1214	—	0.15	—	0.10	0.80	1.20	0.04	0.09	0.25	0.35

Table 4

Delete existing table and replace with the following:

TABLE 4

CHEMICAL COMPOSITION OF CARBON-MANGANESE STEELS

1	2	3	4	5	6	7	8	9
Grade AS 1448	Chemical composition (cast analysis), percent							
	Carbon		Silicon		Manganese		Phosphorus	Sulphur
	min.	max.	min.	max	min.	max.	max.	max.
XK1315	0.12	0.18	0.10	0.35	1.40	1.70	0.050	0.050
XK1320	0.18	0.23	0.10	0.35	1.40	1.70	0.050	0.050
XK1325	0.23	0.28	0.10	0.35	1.40	1.70	0.050	0.050
XK1330	0.28	0.33	0.10	0.35	1.40	1.70	0.050	0.050
XK1335	0.33	0.38	0.10	0.35	1.40	1.70	0.050	0.050
K1340	0.38	0.43	0.10	0.35	1.40	1.70	0.050	0.050
XK1340	0.38	0.43	0.10	0.35	1.40	1.70	0.050	0.050
XK1345	0.43	0.48	0.10	0.35	1.40	1.70	0.050	0.050