



# HR COILS of Medium Carbon Un-Alloyed Grades

## Vijayanagar Works

SL. NO.	JSW GRADE	DIMENSIONAL SCOPE		EQUIV. INTERNATIONAL / BIS GRADES			
		Thick mm (2.2-3.5) (3.5-6.0)	Width mm (900-1250) (900-1400)	BIS	E	SAE/ASTM	OTHERS
1	JVCM01	(2.2-3.5) (3.5-6.0)	(900-1250) (900-1400)	IS:5517---37C15	-	SAE1030(Mod)	C-30 (Cust)
2	JVCM01	(2.2-3.5) (3.5-6.0)	(900-1250) (900-1400)				C25
3	JVCM01	(2.5-3.5) (3.5-6.0)	(900-1250) (900-1400)				C30+B
4	JVCM02/JVCMT2	(2.2-3.5) (3.5-6.0)	(900-1250) (900-1400)	IS:5517:40C8	EN 10083 Ck40 (M)	SAE 1040	MC11, C40
5	JVCM04	(2.2-3.5) (3.5-6.0)	(900-1250) (900-1400)		EN 10083 C45	SAE 1045	C 45
6	JVCM05	(2.2-3.5) (3.5-6.0)	(900-1250) (900-1400)		EN 10083 C50	SAE 1050	C 50
7	JVCM03	(2.2-3.5) (3.5-6.0)	(900-1250) (900-1400)			SAE 1055	C55, MC12
8	JVCMT3	(2.2-3.5) (3.5-6.0)	(900-1250) (900-1400)			SAE 1055	C55, MC12
9	JVCM55	(2.3-2.8) (2.8-5.0)	(900-1250) (900-1400)		EN 10083 C50	SAE 1055	C 50
10	JVCMT5	(2.2-2.8) (2.8-5.0)	(900-1250) (900-1400)		EN 10083 C50	SAE 1055	C 50
11	JVCM06	(2.5-3.5) (3.5-6.0)	(900-1250) (900-1400)		EN 10083 C60	SAE 1060	C 60
12	JVCM06	(2.5-3.5) (3.5-6.0)	(900-1250) (900-1400)		EN 10083 C60	SAE 1060(M)	C 60 (Cust)
13	JVCMT6	(2.5-3.5) (3.5-6.0)	(900-1250) (900-1400)		EN 10083 C60	SAE 1060(M)	C 60 (Customized)
14	JVCM30	(3.0-3.6) (3.5-5.0)	(900-1250) (900-1400)	IS:5517---37C15	-	SAE1536(M)	Cust
15	JVCM31	(3.0-3.6) (3.7-5.0)	(900-1250) (900-1400)	IS:5517---37C15	-	SAE1541(M)	Cust
16	JVCM35	(2.2-3.5) (3.5-6.0)	(900-1250) (900-1400)	IS:1570---C35Mn75	EN 10083 Ck35 (M)	SAE 1035	C-35
17	JVCM36	(2.2-3.5) (3.5-6.0)	(900-1250) (900-1400)			SAE 1036	C-36



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## Dolvi Works

SL. NO.	Grade	Dimensional Scope		Equivalent Grade		EN	SAE/ASTM	Others
		Thickness (mm)	Width (mm)	BIS				
1	M20490	4.0 – 20.0 5.0 – 20.0	900 – 1250 1251 – 1560	IS 2062 E350 BR		EN 10025 S355JR	ASTM A 572 Gr 50	
2	MC1246	2.0 – 10.0 2.5 – 10.0 2.8 – 10.0 3.2 – 10.0 4.0 – 10.0	900 – 1140 1141 – 1250 1251 – 1350 1351 – 1450 1451 – 1560				ASTM A 572 Gr 50 Type I	
3	MC16PG	2.2 – 8.0 2.4 – 8.0 3.0 – 8.0 3.5 – 8.0	900 – 1250 1251 – 1350 1351 – 1450 1451 – 1560	IS 2062--2011 E250				
4	MC1841	4.0 – 12.5	900 – 1350	IS 2062 E250 (Fe 410WA & WB)			ASTM A 572 Gr 42 (290); ASTM A 515 Gr 60 (415);	
5	MC18KT	4.0 – 20.0 4.0 – 16.0	900 – 1350 1351 – 1560	IS 2062--2006 E250A		EN 10025--2--2004 S275JO		
6	MC18TP	2.0 – 8.0 2.5 – 8.0 3.0 – 8.0 3.2 – 8.0	900 – 1250 1251 – 1350 1351 – 1450 1451 – 1560				SAE 1018	
7	MC18UG	2.0 – 8.0 2.5 – 8.0 3.0 – 8.0 3.2 – 8.0	900 – 1250 1251 – 1350 1351 – 1450 1451 – 1560				SAE1018	
8	MC2052	2.0 – 12.0 2.2 – 12.0 2.5 – 12.0 3.0 – 12.0	900 – 1270 1271 – 1360 1361 – 1450 1451 – 1560	IS 2062--2011 E350		EN10025S355JR	ASTM A 1011 SS & HSLA Gr 55/60; ASTM A 572 Gr 55	
9	MC2054	6.0 – 16.0	900 – 1560	IS 2062 --2011 E410				TATA 55HF
10	MC20AC	4.0 – 8.0	900 – 1560					16 MnCr5, 20MnCr5
11	MC20BC	2.2 – 8.0 2.5 – 8.0 3.0 – 8.0 3.2 – 8.0	900 – 1250 1251 – 1350 1351 – 1450 1451 – 1560	IS 2062 (Fe 410WA & B)			SAE -- 1020	
12	MC26AC	2.2 – 12.0 3.0 – 12.0 3.2 – 12.0 3.5 – 12.0	900 – 1250 1251 – 1350 1351 – 1450 1451 – 1560				ASTM S15 Gr 70 / SAE 1026	
13	MC26TP	2.2 – 12.0 3.0 – 12.0 3.2 – 12.0 3.5 – 12.0	900 – 1250 1251 --1350 1351 – 1450 1451 – 1560				ASTM S15 Gr 70 / SAE 1026	
14	MC30AC	3.0 – 6.0	900 – 1450				SAE	
15	MC30ST	2.5 – 10 3.0 – 10.0 3.5 – 10.0	900 – 1270 1271 – 1350 1351 – 1560					ITW C 30
16	MC35AC	2.5 – 12.0 3.0 – 12.0 3.5 – 12.0	900 – 1250 1251 --1350 1351 – 1560				SAE 1035	
17	MC40AC	2.8 – 8.0 3.0 – 8.0 4.0 – 8.0	900 – 1250 1251 – 1350 1351 – 1555					MC 40
18	MC40BS	3.0 – 8.0	900 – 1270				SAE	
19	MC410M	2.2 – 10.0 3.0 – 10.0 3.5 – 10.0 4.0 – 10.0	900 – 1250 1251 – 1350 1351 – 1450 1451 – 1560	IS 2062 E 250 A, B				
20	MC410T	10.01 – 20.0	900 – 1560	IS 2062 E 250 A, B				
21	MC41JC	4.0 – 16.0	900 – 1560	IS 2062 -- 2006 E 250A		EN 10025 S275JR		
22	MC460M	2.2 – 10.0 2.5 – 10.0 3.0 – 10.0 3.5 – 10.0 4.0 – 10.0	900 – 1140 1141 – 1250 1251 – 1350 1351 – 1450 1451 – 1560				ASTM A572 Gr 50 Type I	
23	MC460T	10.01 – 20	900 – 1560				ASTM A572 Gr 50 Type I	
24	MC46GM	2.2 – 10.0 2.5 – 10.0 3.0 – 10.0 3.5 – 10.0 4.0 – 10.0	900 – 1140 1141 – 1250 1251 – 1350 1351 – 1450 1451 – 1560				ASTM A572 Gr 50 Type I	
25	MC46GT	10.01 – 20	900 – 1560				ASTM A572 Gr 50	
26	MC46TB	10.01 – 15	900 – 1560				ASTM A572 Gr 50 Type I	
27	MC490M	4.0 – 12	900 --1560	IS 2062 E 350 BR		EN 10025 S355JR	ASTM A572 Gr 50	
28	MC490T	12.01 – 20	900 --1560	IS 2062 E 350 BR		EN 10025 S355JR	ASTM A572 Gr 50	
29	MC52JC	3.8 – 15.0 4.0 – 15.0	900 – 1270 1271 – 1560	IS 2062--2011 E350		EN 10025 Fe510B		DIN 17100 St 52.3
30	MC52JT	12.01 – 16	900--1560	IS 2062--2011 E350		EN10025Fe510B		DIN17100St52.3
31	MC55GM	4.0 – 10.0 5.0 – 10.0	900 – 1250 1251 – 1560	IS 2062 E450			ASTM A 572 Gr 65 Type I	
32	MC55GT	10.01 – 20	900 – 1560	IS 2062 E450			ASTM A 572 Gr 65 Type I	
33	ML35AC	3.5 – 5.0	900 – 1140					SCM 435
34	ML45AC	2.2 – 8.0 2.8 – 8.0 3.0 – 8.0	900 – 1140 1141 – 1350 1351 – 1450					ML 45
35	ML45BC	2.3 – 8.0 2.5 – 8.0 4.0 – 8.0 5.0 – 8.0 6.0 – 8.0	900 – 1140 1141 – 1250 1251 – 1350 1351 – 1450 1451 – 1560					
36	ML45CC	2.8 – 8.0	900 – 1450				SAE 5046H	