



# HR COILS OF HSLA GRADE

for Automobile and other Engineering Applications

Vijayanagar Works

SL. NO.	JSW GRADE	DIMENSIONAL SCOPE		EQUV. INTERNATIONAL / BIS GRADES				
		Thick mm	Width mm	BIS	JIS	EN	SAE /ASTM	OTHERS
1	JVTR01	(4.0--5.0) (5.0--12.0)	(900--1400) (900--2050)	IS 2062 Fe 440	-	-	A607/ A572 Gr.50 Type 1	-
2	JVTRV1	(2.0--3.0) (3.0--5.0)	(900--1250) (900--1500)	-	-	-	A 572 Gr. 50 Type2	-
3	JVTR02 JVTRS2	(1.6--2.5) (2.5--4.0) (4.0--6.0)	(900--1200) (900--1400) (900--1800)	-	-	EN10149 S315MC	A 607 Gr 50	E 3
4	JVTRS3 JVTR03	(2.5--4.0) (4.0--6.0)	(900--1400) (900--1800)	-	-	EN10149 S355MC	A 607 Gr 55	E38, S54012A
5	JVTRP3	(6.0--20.0)	(900--2050)	-	-	EN10149 S355MC	-	E
6	JVTR04 JVTRP4	(3.5--5.0) (5.0--12.0)	(900--1400) (900--2050)	-	-	EN10149 S460MC	A 607 Gr 60	BSK46/ E46
7	JVTR06	(2.5--4.0) (4.0--16.0)	(900--1250) (900--1400)	-	-	-	SAE 1026(M)	Custo mized
8	JVTRT6	(2.5--4.0) (4.0--16.0)	(900--1250) (900--1400)	-	-	-	SAE 1026(M)	Custo mized
9	JVTR07	(2.5--5.0) (5.0--8.0)	(900--1400) (900--1800)	IS 2062 Fe 440	-	EN 10025 S 275	ASTM A---572 Gr 50	-
10	JVTR08 JVTRP8 JVTRT8	(3.5--6.0) (6.0--8.0) (10.0--16.0)	(900--1400) (900--2050) (900--2050)	IS 2062 Fe 540	G 3134 SPFH 540	-	-	-
11	JVTR09	(2.5--5.0)	(900--1250)	IS 2062 Fe 590	G 3134 SPFH 590	-	-	-
12	JVTR10	(4.0--10.0)	(900--1600)	-	G3113 SAPH400	-	-	-
13	JVTR11	(1.6--2.0) (2.0--2.5) (2.5--4.5)	(900--1050) (900--1250) (900--1600)	IS 5986 Fe510	-	EN10025 E295	ASTM A 572 Gr 50	-
14	JVTR12	(1.6--2.5) (2.5--5.0)	(900--1100) (900--1600)	-	G3113 SAPH440	-	ASTM A 572 Gr 42	St 44 (Customized)
15	JVTR13	(4.0--10.0)	(900--1600)	-	-	-	-	HSLA Mod
16	JVTR15	(1.6--2.0) (2.0--3.5)	(900--1100) (900--1400)	-	-	EN10149 S355MC	ASTM A 572 Gr 50	-
17	JVTR16	(3.2--5.0)	(900--1600)	-	-	-	-	St 44 (Customized)
18	JVTRS7 JVTR17 JVTRP7	(2.5--5.0) (5.0--12.0) (12.0--20.0)	(900--1250) (900--2050) (900--2050)	-	G 3134 SPFH 490	EN10149 S420MC	-	-
19	JVTR18	(5.0--10.0)	(900--2050)	-	G 3134 SPFH 540	-	-	-



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## Dolvi Works

SL. NO.	Grade	Dimensional Range		Equivalent Grade				
		Thickness (mm)	Width (mm)	BIS	JIS	EN	SAE/ASTM	Others
1	ALM550	5.0 – 10.0	900 – 1560	IS 2062 – 2011 E550				SRDPS 60/ Domex550MC/ 80KSi
2	ALM650	4.5 – 10.0	900 – 1560	IS 2062 – 2011 E650				SS 4082(TATA)/ Domex 650
3	SAP44L	1.75 – 3.99 2.4 – 3.99 2.6 – 3.99 3.0 – 3.99	900 – 1250 1251 – 1350 1351 – 1450 1451 – 1560	IS 2062 – 2011 E300	JISG3113 SAPH440			
4	SAP44M	4.0 – 6.0	900 – 1560	IS 2062 – 2011 E300	JISG3113 SAPH440			
5	ST41HC	4.0 – 14.0	900 – 1560	IS 2062 – 2011 E250				WIR006 – Issue C
6	ST420C	3.0 – 8.0 3.5 – 8.0 4.0 – 8.0 4.5 – 8.0	900 – 1140 1141 – 1250 1251 – 1450 1451 – 1560			DIN EN 10149 QSTE 420		
7	ST44NL	1.75 – 3.99 2.4 – 3.99 2.6 – 3.99 3.0 – 3.99	900 – 1250 1251 – 1350 1351 – 1450 1451 – 1560	IS 2062 – 2011 E300	JIS G3113 SAPH 440			
8	ST44NM	4.0 – 6.0 4.0 – 8.0	900 – 1450 1451 – 1560	IS 2062 – 2011 E300	JIS G3113 SAPH 440			
9	ST460C	2.7 – 5.0	900 – 1260	IS 2062 – 2011 E450				DIN EN 10149 S460MC
10	ST46EC	8.0 – 15.0	900 – 1500					KLL 022
11	ST46IL	1.6 – 3.9 2.5 – 3.99 2.8 – 3.99	900 – 1250 1251 – 1350 1351 – 1520				ASTM A 1011 – 07, ASTM A 572 Gr 50	SS Gr 50, HSLA GR50 CL – 1/2
12	ST46IM	4.0 – 8.0	900 – 1520				ASTM A 572 – 07 Gr50 Type 1	
13	ST46IT	8.01 – 16.0	900 – 1520				ASTM A 572 – 07 Gr50 Type 1	
14	ST46KL	6.0 – 14.0	900 – 1560					KLL – 004
15	ST52AL	2.5 – 5.99 3.0 – 5.99	900 – 1350 1351 – 1560	IS 2062 E350	JISG3106 SM490A.B	EN10025 Fe510B		DIN17100 St 52.3
16	ST52AT	6.0 – 16.0 6.0 – 15.0	900 – 1350 1351 – 1560	IS 2062 E350	JISG3106 SM490A.B	EN10025 Fe510B		DIN17100 St 52.3
17	ST57CL	3.0 – 4.5 4.0 – 4.5	900 – 1250 1251 – 1560	IS:2062 E450 Cu BO(Fe570)				
18	ST57CT	4.51 – 20.0	900 – 1560	IS:2062 E450 Cu BO(Fe570)				
19	TR34AL	1.6 – 3.0 1.8 – 3.0	900 – 1260 1261 – 1560					Telco SS4012A
20	TR34AT	3.01 – 12.0	900 – 1560					Telco SS4012A
21	TR38AC	2.0 – 10.0	900 – 1560					Tata Motor – E – 38
22	TR46AC	3.0 – 8.0	900 – 1560					BSK 46, TR46, E – 46
23	TR46AT	8.01 – 12.0	900 – 1560					Tata Motors E – 46
24	TR46TC	2.5 – 8.0 2.4 – 8.0 3.0 – 8.0	900 – 1140 1141 – 1250 1251 – 1560					BSK46 / Tata Motors E – 46