

HR Coils for Structural and General Engineering

Vijayanagar Works

| SL. NO. | JSW GRADE | DIMENSIONAL SCOPE | | EQUIV. INTERNATIONAL / BIS GRADES | | | | |
|---------|---------------|------------------------|--------------------------|-----------------------------------|--------------|------------------|--------------|------------------------|
| | | Thick mm | Width mm | BIS | JIS | EN | SAE/ ASTM | OTHERS |
| 1 | JVSTC6 | (1.6-3.0) | (900-1250) | IS 5986Fe 410 IS2062E250A | G3101 S5400 | | ASTM-A36 | |
| 2 | JVSTS6 | (3.0-5.0) | (900-1500) | IS 5986 Fe 410, IS 2062E250A | G3101 S5400 | | ASTM-A36 | SA 516 Gr 60 |
| 3 | JVSTO1 | (5.0-8.0) | (900-2050) | IS2062E250A | G3101 S5400 | EN 10025 S275 | ASTM-A36 | BS 4360 Gr 43 B |
| 4 | JVSTP1 | (6.0-12.0) | (900-2050) | IS 2062E250A | G3101 S5400 | EN 10025 S275 | ASTM-A36 | BS 4360 Gr 43 A |
| 5 | JVSTA1 | (4.0-8.0) | (900-2050) | IS 2062Fe410WA | | | | St42 Alk, (Customized) |
| 6 | JVSTO2 | (4.0-8.0) | (900-2050) | IS 2062E250B | G3106 SM400B | EN 10025 S275 J0 | | |
| 7 | JVSTP2 | (6.0-16.0) | (900-2050) | IS 2062E250B | G3106 SM400B | EN 10025 S275 J0 | | |
| 8 | JVSTO3 | (4.0-6.0) | (900-2050) | IS 2062E250C | G3106 SM400C | EN 10025 S275J2 | | |
| 9 | JVSTP3 | (6.0-12.0) | (900-2050) | IS 2062E250C | G3106 SM400C | EN 10025 S275J2 | | |
| 10 | JVSTT2 JVSTT3 | (12.0-25.0) | (900-2050) | IS 2062E250B | G3101 S5400 | EN 10025 S275 | ASTM-A36 | BS 4360 Gr 43 A |
| 11 | JVSTS1 | (2.6-4.0) (4.0-8.0) | (900-1400) (900-2050) | IS 2062Fe410WA | | | | St42 Sik (Customized) |
| 12 | JV ST04 | (2.6-4.0) (4.0-8.0) | (900-1400) (900-2050) | IS 5986 Fe 410 IS2062Fe410WA | G3136 SN400A | | SAE 1018 (M) | |
| 13 | JVSTA4 | (3.0-4.0) (4.0-8.0) | (900-1400) (900-2050) | IS2062Fe410 WA | G3136 SN400A | | SAE 1018 | |
| 14 | JVSTA6 | (2.6-4.0) (4.0-8.0) | (900-1400) (900-2050) | IS 2062Fe410WA | | | | St42 Alk (Customized) |
| 15 | JVST07 | (2.0-4.0) (4.0-8.0) | (900-1400) (900-2050) | IS2062Fe410WA | | | SAE 1020 | |
| 16 | JVST15 | (3.0-4.0) (4.0-8.0) | (900-1400) (900-2050) | | | EN10025 S235 | SAE 1015 | C15, Sik |
| 17 | JVST21 | (5.0-12.0) | (900-2050) | IS 2062Fe410Cu-WA | | | ASTM-A36 +Cu | BS 4360 Gr 43 A +Cu * |
| 18 | JVST25 | (5.0-12.0) | (900-2050) | IS 2062Fe410Cu-WC | | | | |
| 19 | JVST26 | 1.6-3.0 | 900-1250 | IS 2062Fe410Cu-WC | | | | |

Dolvi Works

| SL. NO. | Grade | Dimensional Scope | | Equivalent Grade | | | | |
|---------|---------|--|--|-----------------------------|----------------|---------------------------|---|------------------|
| | | Thickness (mm) | Width (mm) | BIS | JIS | EN | SAE/ASTM | Others |
| 1 | MC20490 | 4.0 - 20.0 5.0 - 20.0 | 900 - 1250 1251 - 1560 | IS 2062 E350 BR | | EN 10025 S355JR | ASTM A 572 Grade 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); ASTM A 1011 SS & HSLA Gr 45 | |
| 5 | MC18KT | 4.0 - 20.0 4.0 - 16.0 | 900 - 1350 1351 - 1560 | IS 2062-2006 E 250A | | EN 10025-2-2004 S275J0 | | |
| 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 - 16.0 2.2 - 12.0 2.5 - 12.0 3.0 - 12.0 | 900 - 1270 1271 - 1360 1361 - 1450 1451 - 1560 | IS 2062-2011 E350 | | EN10025 S355JR | 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 | 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. | | | | |
| 11 | MC410T | 10.01 - 20.0 | 900 -1560 | IS 2062 E 250 A, B. | | | | |
| 12 | 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 | |
| 13 | MC460T | 10.01 - 20.0 | 900 - 1560 | | | | ASTM A572 Gr.50 Type I | |
| 14 | 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 | |
| 15 | MC46GT | 10.01 - 20.0 | 900 - 1560 | | | | ASTM A572 Gr.50 | |
| 16 | MC46TB | 10.01 - 15.0 | 900 - 1560 | | | | ASTM A572 Gr. 50 Type I | |
| 17 | MC490M | 4.0 - 12.0 | 900 -1560 | IS 2062 E 350 BR | | EN 10025 S355JR | ASTM A572 Gr. 50 | |
| 18 | MC490T | 12.01 - 20.0 | 900 -1560 | IS 2062 E 350 BR | | EN 10025 S355JR | ASTM A572 Gr. 50 | |
| 19 | MCS5GM | 4.0 - 10.0 5.0 - 10.0 | 900 - 1250 1251 - 1560 | IS 2062 E450 | | | ASTM A 572 Gr 65 Type I | |
| 20 | MCS5GT | 10.01 - 20.0 | 900 - 1560 | IS 2062 E450 | | | ASTM A 572 Gr 65 Type I | |
| 21 | S500MC | 5.0 - 12.0 | 900 -1550 | | | EN 10149 - 2 | | |
| 22 | SG37AL | 1.5 - 6.3 1.8 - 6.3 1.9 - 6.3 2.5 - 6.3 | 900 - 1270 1271 - 1350 1351 - 1450 1451 - 1560 | IS 1977 Fe 360 | JISG3101 S5330 | EN10025 S235 JR G2 | ASTM A283 & ASTM A570 B & 36 | DIN17100 St 37.2 |
| 23 | SG37AT | 6.4 - 16.0 | 900 - 1560 | IS 1977 Fe 360 | JISG3101 S5330 | EN10025 S235 JR | ASTM A283 & ASTM A570 B & 36 | DIN17100 St 37.2 |
| 24 | SG41AL | 2.8 - 6.39 | 900 - 1560 | | | EN10025 S275 JR | | DIN17100 St 44.2 |
| 25 | SG41AT | 6.4 - 15.0 | 900 - 1560 | | | EN10025 S275 JR | | DIN17100 St 44.2 |

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| CL. NO. | IS/MS GRADE | DIMENSIONAL SCOPE | | EQUIV. INTERNATIONAL / BIS GRADES | | | | |
|---------|-------------|--|--|-----------------------------------|---------------------------|----------------------------|--|-----------------------------|
| | | | | | | | | |
| 26 | SH41AK | 1.6 - 8.0 3.0 - 8.0 | 900 - 1270 1271 - 1560 | | | | | |
| 27 | SH41AL | 1.5 - 3.49 1.75 - 3.49 2.0 - 3.49 2.5 - 3.49 | 900 - 1270 1271 - 1350 1351 - 1450 1451 - 1560 | | JIS G3113 SAPH 400 | | SAE 1008 | |
| 28 | SH41AM | 3.5 - 6.0 | 900 - 1560 | | JIS G3113 SAPH 400 | | SAE 1008 | |
| 29 | SH41NL | 1.4 - 3.0 | 900 - 1270 | | JIS G 3113 SAPH 400 | | SAE 1008 | |
| 30 | ST29DC | 1.5 - 4.0 1.8 - 4.0 2.5 - 4.0 | 900 - 1270 1271 - 1350 1351 - 1555 | IS10748 Gr 1, IS 1079 DD | | | | |
| 31 | ST37AL | 1.6 - 6.99 1.8 - 6.99 2.0 - 6.99 2.2 - 6.99 2.5 - 6.99 | 900 - 1140 1141 - 1250 1251 - 1350 1351 - 1450 1451 - 1560 | IS 1977 Fe 360 | JISG3101 SS330 | EN100025 Fe360B, S235JR | ASTM A283 & ASTM A570 B & 36 | DIN17100 St 37.2 |
| 32 | ST37AT | 7.0 - 20.0 | 900 - 1560 | IS 1977 Fe360 | JIS G3101 SS330 | EN100025 Fe360B, S235JR | ASTM A283 & ASTM A570 B & 36 | DIN 17100 St37.2 |
| 33 | ST41HC | 4.0 - 14.0 | 900 - 1560 | | | | | WIR006-Issue C |
| 34 | ST43SL | 2.8 - 6.39 | 900 - 1560 | | | EN10025 S275 JR | | DIN17100 St 44.2; Qst 44-3N |
| 35 | ST46GL | 1.6 - 3.99 2.5 - 3.99 2.8 - 3.99 | 900 - 1250 1251 - 1350 1351 - 1520 | IS-2062 E350 | | | ASTM A 572 Gr 50 | |
| 36 | ST46IL | 1.6 - 3.99 2.5 - 3.99 2.8 - 3.99 | 900 - 1250 1251 - 1350 1351 - 1520 | | | | ASTM A1011-07,HSLA GR50 CL-1/2; ASTM A 1011-07, SS Gr 50; ASTM A 572 Gr 50 | |
| 37 | ST46IM | 4.0 - 8.0 | 900 - 1520 | | | | ASTM A 572 - 07 Gr50 Type 1 | |
| 38 | ST46IT | 8.01 - 16.0 | 900 - 1520 | | | | ASTM A 572 - 07 Gr50 Type 1 | |
| 39 | ST46KI | 4.0 - 8.0 | 900 - 1560 | | | | ASTM A 572 Gr50 | |
| 40 | 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 |
| 41 | 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 |
| 42 | ST52GL | 2.9 - 6.0 2.8 - 6.0 3.0 - 6.0 | 900 - 1140 1141 - 1250 1251 - 1560 | IS 2062-2011 E350 | JISG3106 SM490A,B | EN10025 S355 | | DIN17100 St 52.3 |
| 43 | ST52GT | 5.0 - 15.0 | 900-1560 | IS 2062-2011 E350 | JISG3106 SM490A,B | EN10025 Fe510B | | DIN17100 St 52.3 |
| 44 | ST52JC | 5.0 - 15.0 | 900 - 1560 | IS 2062-2011 E350 | JISG3106 SM490A,B | EN10025 Fe510B | | DIN17100 St 52.3 |
| 45 | ST52JT | 12.01 - 16.0 | 900 - 1250 | IS 2062-2011 E350 | JISG3106 SM490A,B | EN10025 Fe510B | | DIN17100 St 52.3 |
| 46 | ST52TC | 2.5 - 6.0 3.0 - 6.0 3.15 - 6.0 | 900 - 1250 1251 - 1450 1451 - 1560 | IS 2062-2011 E350 | JISG3106 SM490A,B | EN10025 Fe510B | | DIN17100 St 52.3 |
| 47 | ST55GL | 2.5 - 4.99 3.0 - 4.99 | 900 - 1250 1251 - 1560 | IS 2062-2011 E351 | | | ASTM A 572 Gr 65 | |
| 48 | WG29AC | 1.5 - 12.0 1.8 - 12.0 2.2 - 12.0 2.3 - 12.0 | 950 - 1270 1271 - 1350 1351 - 1450 1451 - 1550 | IS 10748 Gr1 | JISG3132 SPHT1 | | | |
| 49 | WG29BC | 1.5 - 12.0 1.8 - 12.0 2.2 - 12.0 2.3 - 12.0 | 950 - 1270 1271 - 1350 1351 - 1450 1451 - 1550 | IS 10748 Gr1 | | | | |
| 50 | WG29CC | 1.6 - 12.0 2.0 - 12.0 2.2 - 12.0 3.0 - 12.0 | 900 - 1270 1271 - 1350 1351 - 1450 1451 - 1560 | IS 10748 Gr1 | JISG3132 & JISF3131 SPHT1 | | | |
| 51 | WG29TC | 1.55 - 12.0 2.0 - 12.0 2.2 - 12.0 3.0 - 12.0 | 950 - 1270 1271 - 1350 1351 - 1450 1451 - 1550 | IS 10748 Gr1 | JISG3132 SPHT1 | | | |
| 52 | WT41AL | 1.6 - 2.9 | 900 - 1560 | IS 10748 Gr3 IS 2062 B/C | | | | ST42.3 |
| 53 | WT41AM | 2.4 - 6.4 2.5 - 5.0 3.0 - 5.0 | 900 - 1350 1351 - 1500 1501 - 1550 | IS 10748 Gr-3, IS 2062 A, B | | | ASTM - A36M | ST42.3 |
| 54 | WT41AT | 5.01 - 20.0 | 900 - 1550 | IS 10748 Gr-3,IS 2062 A, B | JIS G 3103 SS400 | | ASTM - A36M | |
| 55 | WT41GL | 2.4 - 7.0 2.5 - 7.0 3.0 - 7.0 | 900 - 1350 1351 - 1500 1501 - 1550 | IS 2062 E-250 | | | | |
| 56 | WT41GT | 7.01 - 20.0 | 900 - 1550 | IS 2062 E-250 | | | | |
| 57 | WT41M1 | 3.0 - 8.0 4.0 - 8.0 | 900 - 1250 1251 - 1550 | IS 2062 Fe 410 WA, WB | | | | |
| 58 | WT41M2 | 8.01 - 16.0 8.01 - 12.0 | 900 - 1350 1351 - 1550 | IS 2062 Fe 410 WA, WB | | | | |