



G77E Stansfeld
(M.K) Ltd

Springwell Works, Buslingthorpe Lane, Leeds, West Yorkshire LS7 2DF

T: 0113 262 8155 F: 0113 262 9730

PRODUCT SPECIFICATION

PREVIOUS GRADES	CURRENT SPECIFICATION
BS 4360: 1986	
Grade 40A Grade 40C	EN 10025: 1993 Grade S235 EN 10025: 1993 Grade S235JO
Grade 43A Grade 43B Grade 43C	EN 10025: 1993 Grade S275 EN 10025: 1993 Grade S275JR EN 10025: 1993 Grade S275JO
Grade 50A Grade 50B Grade 50C	EN 10025: 1993 Grade S355 EN 10025: 1993 Grade S355JR EN 10025: 1993 Grade S355JO
BS EN 10025: 1990	
Grade Fe310-0 Grade Fe360A Grade Fe360B Grade Fe360C	EN10025: 1993 Grade S185 EN10025: 1993 Grade S235 EN10025: 1993 Grade S235JR EN10025: 1993 Grade S235JO
Grade Fe430A Grade Fe430B Grade Fe430C	EN 10025: 1993 Grade S275 EN 10025: 1993 Grade S275JR EN 10025: 1993 Grade S275JO
Grade Fe510A Grade Fe510B Grade Fe510C	EN 10025: 1993 Grade S355 EN 10025: 1993 Grade S355JR EN 10025: 1993 Grade S355JO

EN No.	BS970: 1970/73	Type	Composition							
			C	Si	Mn	P and S Max	Cr	Mo	Ni	
EN1A	220 M07	Low Carbon Free Cutting	0.15 Max		0.90/1.30	P: 0.030 S: 0.020/0.030	-	-	-	-
EN3	070 M20	'20' Carbon	0.16/0.24	.05/.35	.05/0.90	0.05	-	-	-	-
EN3B	070 M20	'20' Carbon	0.16/0.24	.05/.35	.05/0.90	0.05	-	-	-	-
EN4	080 A25	25 Carbon	0.23/0.28	0.35 Max	0.70/0.90	0.05	-	-	-	-
EN8	080 M40	'40' Carbon	0.36/0.44	0.35 Max	0.60/1.00	0.05	-	-	-	-
EN8D	080 A42	'42' Carbon	0.40/0.45	0.35 Max	0.70/0.90	.05	-	-	-	-
EN9	070 M55	'55' Carbon	0.50/0.60	0.10/0.40	0.50/0.90	.05	-	-	-	-
EN14	150 M19	'19' Carbon	0.15/0.23	0.10/0.35	1.30/1.70	.05	-	-	-	-
EN16	605 M36	1.5% Mn, Mo	0.32/0.40	0.10/0.35	1.30/1.70	P.040 S.050	-	-	0.22/0.32	-
EN19	709 M40	1% Cr, Mo	0.36/0.44	0.10/0.35	0.70/1.00	P.040 S.050	0.9/1.2	0.25/0.35	-	-
EN24	817 M40	1.5% Ni, Cr, Mo	0.36/0.44	0.10/0.35	0.45/0.70	P.040 S.050	1.0/1.4	0.20/0.35	1.3/1.7	-
EN25	826 M31	2.5% Ni, Cr, Mo (Medium C)	0.27/0.35	0.10/0.35	0.45/0.70	P.040 S.050	0.50/0.80	0.45/0.65	2.30/2.80	-
EN26	826 M40	2.5% Ni, Cr, Mo (High Carbon)	0.36/0.44	0.10/0.35	0.45/0.75	P.040 S.050	0.50/0.80	0.45/0.65	2.30/2.80	-
EN30B	835 M30	4% Ni, Cr, Mo	0.26/0.34	0.10/0.35	0.45/0.75	.025	1.10/1.40	0.20/0.35	3.90/4.30	-
EN31	535 A99	1.5% Cr, 1%C	0.95/1.1	0.10/0.35	0.40/0.70	P.040 S.0.050	1.20/1.60	-	-	-
EN32B	080 M15	'15' Carbon	0.12/0.18	0.10/0.40	0.60/1.00	0.050	-	-	-	-
EN34	665 M17	13/4% Ni, Mo	0.14/0.20	0.10/0.35	0.35/0.75	P.0.04 S.0.05	-	0.20/0.30	1.50/2.00	-
EN38B	655 M13	31/4% Ni, Cr	0.10/0.16	0.10/0.35	0.35/0.60	P.0.04 S.0.05	0.7/1.0	-	3.00/3.75	-
EN39B	835 M15	4% Ni, Cr, Mo	0.12/0.18	0.10/0.35	0.25/0.50	P.0.04 S.0.05	1.00/1.40	0.15/0.30	3.90/4.30	-
EN40B	722 M24	3% Cr, Mo	0.20/0.28	0.10/0.35	0.45/0.70	0.025	3.00/3.50	0.45/0.65	-	-
EN351	635 M15	¾% Ni, Cr	0.12/0.18	0.10/0.35	0.60/0.90	P.0.040 S.0.050	0.40/0.80	-	0.70/1.10	-
SAE 8620H			0.17/0.23	0.20/0.35	0.60/0.95	P.0.35 S.0.40	0.35/0.65	0.15/0.25	0.35/0.7	-