

常用合金结构钢牌号和化学成分表 (GB3077-1999)

牌 号	化学成分(%)											
	C	Si	Mn	Mo	W	Cr	Ni	V	Ti	B	A1	RE (加人量)
20Mn2	0.17~0.24	0.17~0.37	1.4~1.8									
30Mn2	0.27~0.34	0.17~0.37	1.4~1.8									
40Mn2	0.37~0.44	0.17~0.37	1.4~1.8									
45Mn2	0.42~0.49	0.17~0.37	1.4~1.8									
50Mn2	0.47~0.55	0.17~0.37	1.4~1.8									
15Cr	0.12~0.18	0.17~0.37	0.40~0.70			0.70~1.00						
20Cr	0.18~0.24	0.17~0.37	0.50~0.80			0.70~1.00						
30Cr	0.27~0.34	0.17~0.37	0.50~0.80			0.80~1.10						
35Cr	0.32~0.39	0.17~0.37	0.50~0.80			0.80~1.10						
40Cr	0.37~0.44	0.17~0.37	0.50~0.80			0.80~1.10						
45Cr	0.42~0.49	0.17~0.37	0.50~0.80			0.80~1.10						
50Cr	0.47~0.54	0.17~0.37	0.50~0.80			0.80~1.10						
38CrSi	0.35~0.43	1.00~1.30	0.30~0.60			1.30~1.60						
12CrMo	0.08~0.15	0.17~0.37	0.40~0.70	0.40~0.55		0.40~0.70						
15CrMo	0.12~0.18	0.17~0.37	0.40~0.70	0.40~0.55		0.80~1.10						
20CrMo	0.17~0.24	0.17~0.37	0.40~0.70	0.15~0.25		0.80~1.10						
30CrMo	0.26~0.34	0.17~0.37	0.40~0.70	0.15~0.25		0.80~1.10						
30CrMoA	0.26~0.33	0.17~0.37	0.40~0.70	0.15~0.25		0.80~1.10						

35CrMo	0.32~0.40	0.17~0.37	0.40~0.70	0.15~0.25		0.80~1.10						
42CrMo	0.38~0.45	0.17~0.37	0.50~0.80	0.15~0.25		0.90~1.20						
38CrMo	0.35~0.42	0.20~0.45	0.30~0.60	0.15~0.25		1.35~1.60					0.70~ 1.10	
40CrV	0.37~0.44	0.17~0.37	0.50~0.80			0.80~1.10		0.10~0.20				