

# List of Materials for Steel Castings (Excerpt)



<u>designation (old)</u>	<u>designation (new)</u>	<u>mat. no.</u>	<u>designation (old)</u>	<u>designation (new)</u>	<u>mat. no.</u>
<b>1 cast steel for general applications</b>			G-X35NiCrSi25 21	GX35NiCrSi25-21	1.4805
GS-38	GE200	1.0420	G-X40CrSi13	GX40CrSi13	1.4729
GS-45	GE240	1.0446	G-X40CrSi28	GX40CrSi28	1.4776
GS-52	G52	1.0552	G-X40CrNiSi27 4	GX40CrNiSi27-4	1.4823
GS-60	GE300	1.0558	G-X40CrNiSi25 12	GX40CrNiSi25-12	1.4837
<b>2 quenched and tempered cast steel</b>			G-X40CrNiSi25 20	GX40CrNiSi25-20	1.4848
GS-20CrMo6	G20CrMo6		G-X40NiCrSi38 19	GX40NiCrSi38-19	1.4865
GS-25CrMo4	G25CrMo4	1.7221	<b>4 creep- and heat-resistant ferritic cast steel</b>		
GS-25CrNiMo4	G25CrNiMo4	1.6515	GS-C25	GP240GH	1.0619
GS-34CrMo4	G34CrMo4	1.7230	GS-17CrMo5 5	G17CrMo5 5	1.7357
GS-42CrMo4	G42CrMo4	1.7231	GS-17CrMoV 5 11	G17CrMoV5 10	1.7706
GS-50CrMo4	G50CrMo4	1.7232	GS-18CrMo9 10	G18CrMo9 10	1.7379
GS-30CrMoV6 4	G30CrMoV6 4	1.7225	GS-22CrMo5 4	G22CrMo5 4	1.7354
GS-30NiCrMo8 5	G32NiCrMo8 5 4	1.6570	G-X22CrMoV12 1	GX23CrMoV12 1	1.4931
GS-34CrNiMo6	G34CrNiMo6	1.6582	G-X30CrSi6	GX30CrSi6	1.4710
GS-35CrMoV10 4	G35CrMoV10 4	1.7755	G-X40CrSi13	GX40CrSi13	1.4729
<b>3 heat-resistant cast steel</b>					
G-X15CrNiSi25 20	GX-15CrNiSi25-20	1.4828			
G-X20CrNiSi25 4	GX20CrNiSi25-4	1.4821			
G-X25CrNiSi18 9	GX25CrNiSi18-9	1.4825			
G-X25CrNiSi20 14	GX25CrNiSi20-14	1.4832			

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## 5 cast steel with improved suitability for welding

GS-16Mn5	G17Mn5	1.1131
GS-20Mn5	G20Mn5	1.1120
GS-30Mn5	G30Mn5	1.1165
GS-14NiCrMo10 6	G14NiCrMo10 6	1.6779
GS-18NiMoCr3 6	G18NiMoCr3 6	1.6759
GS-19CrMo9 10	G19CrMo9 10	1.7382
GS-30CrSiMoV6 6 3	G30CrSiMoV6 6 3	

## 6 corrosion- and acid-resistant cast steel

G-X5CrNi13 4	GX5CrNi13-4	1.4313
G-X5CrNiMo16 5	GX5CrNiMo16-5	1.4405
G-X5CrNiMoNb18 10	GX5CrNiMoNb19-11-2	1.4581
G-X6CrNi18 9	GX5CrNi19-10	1.4308
G-X6CrNiMo18 10	GX6CrNiMo18-10	1.4408
G-X20Cr14	GX20Cr14	1.4027

## 7 others

GS-18CrNi8	G18CrNi8	1.5920
GS-40CrMo12	G40CrMo12	
GS-40CrMoV5 1	G40CrMoV5-1	1.2344
GS-45CrSiMo12	G45CrSiMo12	