



Metcast Co., Ltd.



Your Reliable Supplier of Castings

Metcast Co., Ltd.

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COMPANY INTRODUCTION

Metcast Co., Ltd. is a 30-year history exporter on iron, steel and aluminium castings from north China. By its international market orientation and professional team in the industry, Metcast has rich experience in design, manufacturing of cast parts with its five tightly associated foundries after the closure of its fully owned foundry. The foundries use furan resin sand, lost foam and shell moulding process for iron and steel, permanent and pressure die cast for aluminium to guarantee the quality excellence and dimensional stability. In addition to castings, Metcast extends its supply to welding, precision machining and fabrications.

Common materials Metcast deals with are as follows

Grey iron: 15, 20, 25, 30 **Ductile iron:** 40/15, 50/7, 60/3, 70/2 **Cast steel:** alloy steel, stainless steel

Heat-resistant steel (EN 10295)

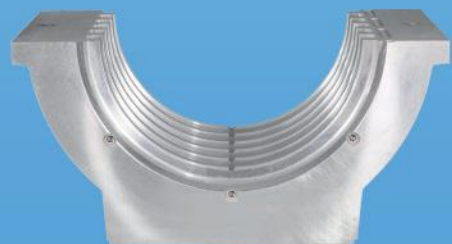
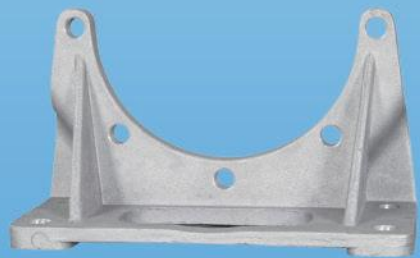
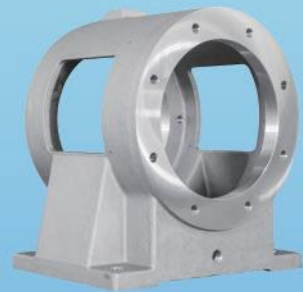
Group	Designation		Elements										
	Name	Number	C	Si	Mn	P max.	S max.	Cr	Mo	Ni	Nb	Co	others
Ferritic and austenitic — ferritic grades	GX40CrSi28	1.4776	0,30 to 0,50	1,00 to 2,50	max. 1,00	- 0,040	- 0,030	27,00 to 30,00	Max. 0,50	max. 1,00	- -	- -	-
	GX130CrSi29	1.4777	1,20 to 1,40	1,00 to 2,50	0,50 to 1,00	- 0,035	- 0,030	27,00 to 30,00	Max. 0,50	max. 1,00	- -	- -	-
	GX40CrNiSi27-4	1.4823	0,30 to 0,50	1,00 to 2,50	max. 1,50	- 0,040	- 0,030	25,00 to 28,00	Max. 0,50	3,00 to 6,00	- -	- -	-
Austenitic grades	GX40CrNiSi25-12	1.4837	0,30 to 0,50	1,00 to 2,50	max. 2,00	- 0,040	- 0,030	24,00 to 27,00	Max. 0,50	11,00 to 14,00	- -	- -	-
	GX40CrNiSi25-20	1.4848	0,30 to 0,50	1,00 to 2,50	max. 2,00	- 0,040	- 0,030	24,00 to 27,00	Max. 0,50	19,00 to 22,00	- -	- -	-
Nickel and cobalt base alloys	G-NiCr28W	2.4879	0,35 to 0,55	1,00 to 2,00	max. 1,50	- 0,040	- 0,030	27,00 to 30,00	Max. 0,50	47,00 to 50,00	- -	- -	Fe=bal W:4.00 to 6.00

Aluminium (EN 1706)

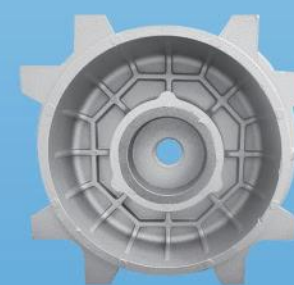
Alloy Group	Alloy designation		Chemical composition												Others ¹⁾	
	Numerical	Chemical symbols	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Pb	Sn	Ti		Each	Total
AlSiMgTi	EN AC-41000	EN AC-AI Si2MgTi	1,6 to 2,4	0,60 (0,50)	0,10 (0,08)	0,30 to 0,50	0,45 to 0,65 (0,50 to 0,65)	-	0,05	0,10	0,05	0,05	0,05 to 0,20 (0,07 to 0,15)		0,05	0,15
AlSi7Mg	EN AC-42000	EN AC-AI Si7Mg	6,5 to 7,5	0,55 (0,45)	0,20 (0,15)	0,35	0,20 to 0,65 (0,25 to 0,65)	-	0,15	0,15	0,15	0,05	0,05 to 0,25 (0,05 to 0,20)		0,05	0,15
AlSi10Mg	EN AC-43000	EN AC-AI Si10Mg(a)	9,0 to 11,0	0,55 (0,40)	0,05 (0,03)	0,45	0,20 to 0,45 (0,25 to 0,45)	-	0,05	0,10	0,05	0,05	0,15		0,05	0,15
AlSi	EN AC-44000	EN AC-AI Si11	10,0 to 11,8	0,19 (0,15)	0,05 (0,03)	0,10	0,45	-	-	0,07	-	-	0,15		0,03	0,10
AlSi5Cu	EN AC-45000	EN AC-AI Si6Cu4	5,0 to 7,0	1,0 (0,9)	3,0 to 5,0	0,20 to 0,65	0,55	0,15	0,45	2,0	0,30	0,15	0,25 (0,20)		0,05	0,35
AlSi9Cu	EN AC-46000	EN AC-AI Si9Cu3(Fe)	8,0 to 11,0	1,3 (0,6 to 1,1)	2,0 to 4,0	0,55	0,05 to 0,55 (0,15 to 0,55)	0,15	0,55	1,2	0,35	0,25	0,25 (0,20)		0,05	0,25
AlSi(Cu)	EN AC-47000	EN AC-AI Si12(Cu)	10,5 to 13,5	0,8 (0,7)	1,0 (0,9)	0,05 to 0,55	0,35	0,10	0,30	0,55	0,20	0,10	0,20 (0,15)		0,05	0,25
AlSiCuNiMg	EN AC-48000	EN AC-AI Si12CuNiMg	10,5 to 13,5	0,7 (0,6)	0,8 to 1,5	0,35	0,8 to 1,5 (0,9 to 1,5)	-	0,7 to 1,3	0,35	-	-	0,25 (0,20)		0,05	0,15
AlMg	EN AC-51000	EN AC-AI Mg3(b)	0,55 (0,45)	0,55 (0,45)	0,10 (0,08)	0,45	2,5 to 3,5 (2,7 to 3,5)	-	-	0,10	-	-	0,20 (0,15)		0,05	0,15



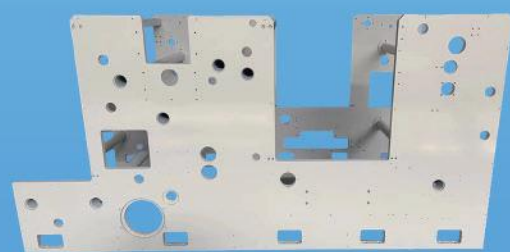
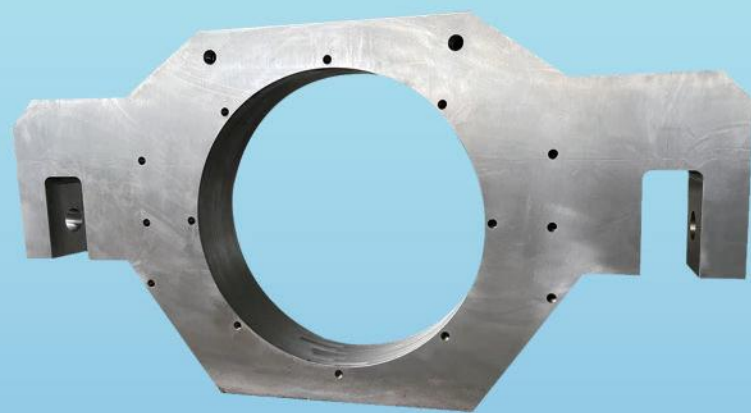
Aluminium Parts 铸铝件



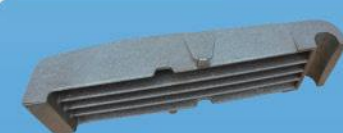
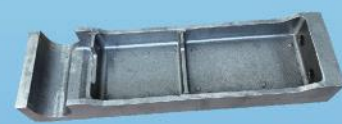
Aluminium Parts 铸铝件



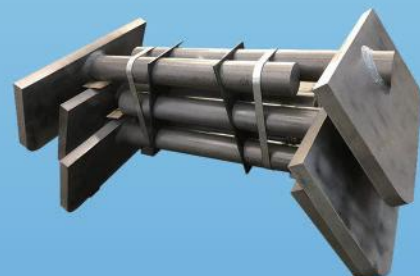
Rolling Machinery Parts 轧机配件



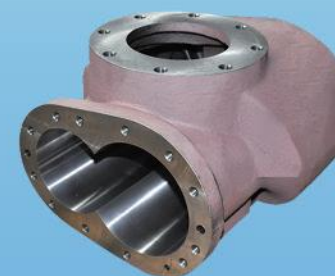
Grates 耐热钢配件



Aluminium Smelter Parts 铝厂配套工件



Housings 箱体壳体



Machine Tool Parts 机床配件



Other Products 其他产品



Engineering Machinery Parts 工程机械配件

