

E-C

Trade Name	Technical Delivery Condition	Annealed Hardness	Typical Chemical Composition				
			C	Si	Mn	P	S
E-C	Annealed	160 – 250 HB	3.50	2.20	0.90	0.15	0.10

Werkstoff	DIN standard	AISI	BS	JIS	SIS	UNI
0.6025	GG 25	A48-40B	Grade 260	FC250		

Type of steel and characteristics:

Continuous cast Grey Cast Iron possessing good sliding properties, pressure-tight, heat resistant, high wear resistance and excellent machinability.

Applications.

Valves	Stack valve, Modular valve, Relief valve, Flow control valve, Solenoid valve, Sub plate, Manifold
Cylinders	Piston, Head cover, Rod cover, Cushion ring
Others	Pulley and Boss for blower, Rotor, Impeller Liner Flange for compressor
Metal machine tools	Liner, Side Plate, Back Plate, Cylinder, Piston head, Pulley, Cylinder cover, Gear, Bearing, Safety pin, Bushing, Flange, Coupling, Manifold, Rack materials, Collet chuck, Scale base, Valve, Clutch, Centring cone, Rail, Chuck, Jig plate
Injection moulding machines	Valve, Manifold, Cylinder, Mounting plate at fixed side, Mounting plate at moving side, ejector plate, Spacer block
Civil engineering and construction machines	Valve, Cylinder piston, Manifold
Printing Machines	Ink mixing roller, Ink rail, Guide, Gear
Spinning machines	Bearing case, Gear, Weight, Rail, Top roller, Guide tube, Bearing, Cross slide, Bearing holder, Slide base, Bushing, Cam of sewing machine
Agricultural machines Farming	Piston head, Head cover, Pulley for tractor, Pulley and Bushing for combine
Automobiles	Shock absorber, Valve guide, Mechanical seal, Collar, Bushing, Weight, Speed meter gear sleeve, Mechanical seal Spacer for cooler
Cranes and Ships	Manifold, Cylinder, Piston, Valve Guide, Engine valve stem bushing, Cylinder block
Cranes	Sheave, Collar, Bushing, Wheel
Others	Winch drum, Elevator hook, Weight, Conveyor roller
Electrical equipment and tools	Compressor roller for rotary air conditioner, Spider, Slider, Cross slide pin, Facsimile vacuum pump, Motor gear, Rotor for cooler, Disc brake of generator
Metal moulds	For glass, for aluminium die casting, for plastics, for grinding wheel, for pen points, for pressure casting, for lens polishing, for analysing pieces, for shell moulding and cold box process
Pump	Gear of gear-pump, Rotor of screw pump, Shaft seal, Rotor, Flange, Flow control, Check valve, York sleeve, Valve guide for chemical pump
General universal parts	Gear, Pulley, Sheave, Bearing, Shaft, Bushing, Collar, Cam, Coupling, Flange, Boss, Weight, Casing, Pin rail, Cases and covers, Seal, Rotor, Base, Ring, Roller, Nut, Plate, Plug, Block, Square, Jig and tools

Precision instruments, office machines, internal combustion engine, etc.	Balance weight, Ram material, Oil seal, Thermocouple protecting tube, Feed roll, Drum, Burner inner gear, End plate, Piston pin, Lap material, Roll cap, Sample case, Guide roller, Continuous casting machine roller, Chair cylinder tube, Chiller, Feed roll, Automatic door valve, Brake, Manifold
Others	Parts for Package of paper, Food processing, Wood-working machine