Iron

About Cast and Ductile Iron

Iron is supplied oversize "as cast" to allow for final finishing to the sizes listed

Cast Iron—Also known as gray iron, cast iron features a close grain structure and moderately high strength (similar to ASTM A48 Class 40 iron). It has good machinability and responds well

OD

3"

6"

ID

3¹/2" ID 5¹/2"....

4" ID 6"......7".....

Dia.

21/4"

2¹/₂" 2³/₄"

3¹/₄" 3¹/₂"

33/4"

Width

31/2

11/3" Thick

11/2"

Width

3"

5″

8"

1/2" **Thick** 5"

10"

Dia.

11/3"

10" 12"

13"

14"

Dia.

21/2"

23/4"

31/4"

31/2"

33/4"

Width

8"

11/3" Thick

21/2

3"

1" Thick (Cont.)

3"

Thick

4"

-3-ft. Lengths

3"

203.32

6 ft

\$15.69

19.55

27.58

46.80

72.70

Each

\$63.02

60.90

48.74

89.48

67.74

Each

\$37.77

47.88

58.00

69.96

81.32

92.91

105.32

127.18

Each

159 06

Each

\$9.65

12.23

14.05

17.40

24.49

Each

\$67.18

98.76

130.48

162.02

219.24

8926K11..\$148.74

8926K12

8926K14

89105K26

89105K27

89105K28

Each

Ductile Iron-As its name implies, ductile iron is much more ductile or pliant than cast iron. Also known as Grade 80-55-06 spheroidal graphite iron or nodular iron, its strength, toughness, to fast heat treating. Excellent for valve bodies, bearing rings and hardenability rival that of steel. A great choice for gears, cams, bearings, sheaves, and sprockets.

8925K11....\$126.89

Each

77.34 \$297.82

8925K13....

1 ft

\$61.00

91.61

102.54

126.34

151.30

8923K25

8923K26

8923K27

8923K29

8928K43

8928K44 8928K45

8928K47

8928K51

8928K53

8928K55

8928K57

8926K27

.89105K36 .89105K38

89105K39

89105K41 89105K42

89105K43

89175K28

89175K31 89175K32

89175K34

89175K35

8909K36

8909K57

8909K58

8909K42

8909K61

8909K44

11/2" Thick (Cont.)

Thick (Cont.)

Thick (Cont.)

Fach

184.95

6 ft.

359.60

461.28

Each

\$97.00

115.18

133.20

111.00

Each

\$101.89

116.02

129.54

158.37

99.05

112.05

143.02

165.05

Each

83.80

Each

\$60.40

76.58

82.68

90.72

101.54

125.10

Each

\$166.92

188.16

206.16

278.73 314.98

8926K19..\$166.18

Size

Dia

7"

8"

10"

12"

71/5

81/2

Width

3"

4"

5

Width

5"

6"

8" 10"

5"

6"

<u>ه</u>″

10'

Dia.

<u>1</u>2″

18"

10"

Dia.

61/2

71/2

8"

1Õ″

12"

Width

2¹/₂" 3¹/₂"

41/2"

2" Thick

21/2" Thick

Thick

Thick

2" Thick (Cont.)

2" Thick 2"..... 2¹/₂".....

11/3" Thick

12" × 12" 21/2" Thick

12"×12"

Cast Gray Iron All cast gray iron rounds and discs up to 9" diameter are oversized as much as 1/4", 10" diameter and larger are oversized by as much as 49/64". Plate, squares, and rectangles are oversized by as much as 1/4"; flat stock up to 8" wide is up to 1/6" oversized; 10" wide is up to 1/4" oversized. Plates

8929K18

8929K22

8929K21

8929K23

8929K27....

1-ft

\$24.71

29.58

34.16

40.13

43.04

49.36

54.94

8923K15

8923K16

8923K19

8923K21

8928K28 8928K29 8928K31

8928K33

8928K34

8928K35

8928K37

8928K41

8926K17

8926K18

89105K29

89105K31

89105K32

89105K33

89105K34

89105K35

89175K25

89175K26

89175K27

89175K22..\$247.93

Thick (Cont.)

8909K51

8909K53

8909K31

8909K54

8909K33

8909K56

8909K35

1" Thick (Cont.)

Each

\$189.20

226.29

307.07

189.75

210.56

294.85

6 ft.

\$89.30

106.54

145.98

184.58

Each

\$118.26

87.36

77.64

103.12

Each

\$41.42

52.89 78.95

91.26

104.72

117.02

148.75

89.37

Each

\$71.86

103.66

132.52

142.20

Each

\$29.29

33.80

39.71

42.64

48.88

54.42

Each

107.04

127 12

147 00

Each

Size

Dia

41/2"

51/2"

61/2"

Width

2"... 2¹/₂' 3"...

4″

Width

6"

8"

5"

6"

8"

10"

Dia.

11/3"

9"

10"

Dia.

41/2"

43/4"

51/2"

Width

31/2"

 $4^{1/2}$

5"

8"

11/2" Thick (Cont.)

4"

1" Thick

12" × 12" 18" × 12"

and seals, gears, spacers and bushings.

- OD Each 11/3" ID

- 8929K15
- 3¹/₂". 4¹/₂". 8929K12 \$101.37 144.30 2" ID
- 8929K14 120.47 161.47

8929K19

1 ft.

\$8.67

10.98

13.24

16.42

19.93

8923K51

8923K11 8923K12 8923K13

8923K14

8928K15

8928K17 8928K19

8928K21

8928K23

8928K24 8928K25

8928K27

Flat Stock Rectangles—2-ft. Lengths

4".... 5".... 8929K17....

8909K16

8909K17

8909K24

8909K18

8909K26

8909K19

- 21/2" ID 4¹/₂". 5¹/₂".
- Solid Rounds—To Order: Please specify 1-ft. or 6-ft. length (offered where prices shown).
- Dia 8909K13
- 5/8" 3/4"
- 1 ¹/₄". 1 ¹/₂". 1 ³/₄".



11/2"

21/2"

Width

2"

3"

4"

5"

6″

7"

8"

Discs Dia.

1/2" Thick

11/2" Thick

10"

1/4" Thick

3"

- Ductile Iron Dia.
- Ductile iron is oversized by as much as 1/4", except 10" rounds which are oversized by .283" and 12" rounds which are oversized by .623". Solid Rounds—1-ft. Lengths 89105K23 89105K24 89105K25
- 1" 11/4" 11/2"
- 13/4"

- Rectangles—3-ft. Lengths Width

1" Thick

11/2

21/2"

31/2"

4¹/₂"
7"

127.96 99.96 129.58 279.87

Each

202.68

6 ft

Each

\$84.86

Each

\$106.14

122.44 152.82

173.23

117.90

139.73

173.15

207.95

Each

8925K19 \$158.29

Each

8925K37....

1 ft.

\$175.34

178.53

202.87

227.49

306.22

420.17

8923K31

8923K38

8923K39

8923K42

8923K44

8928K61

8928K63 8928K65

8928K67

8928K81

8928K83

8928K85

8928K87

8926K29

89105K45.

89105K47

89105K49

89105K51

89105K53

89105K55

89175K41 89175K43

89175K46

89175K38..\$155.32

8909K45

8909K46

8909K47

8909K48

8909K73

8909K75

5/8" Thick

246.91 8926K31... 119.60

Each

\$149.82

173.62

176.76

199.76

303.20

416.02

Each

184.93

228.76

338.24

3371

926K28..\$123.68

89175K21 McMASTER-CARR

89175K13 89175K15

89175K17