

PIPE BENDS

All reference dimensions are nominal

To determine your part number when ordering:

- Use GAUGE
- plus PRODUCT ID
- plus MATERIAL TYPE

GAUGE PRODUCT ID MATERIAL TYPE

16 — 150252 — A

Pipe Bend Specifications

- 2" through 6" NPS
- Radius Options:
 - Short Radius (1-1/2" times NPS)
 - Standard Radius (2-1/2" times NPS)
 - Long Radius Bends (up through 60° CLR)
- Wall Thickness:
 - Schedule 5, 10 & 40 (Sch. 80 available)
- Aluminum, Carbon & Stainless

2" NPS

NPS	SCHEDULE (WALL THICKNESS) & MATERIAL	CLR	DEGREE	PRODUCT ID
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	12	90	200122
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	12	60	200126
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	12	45	200121
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	12	30	200123
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	18	90	200182
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	18	60	200186
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	18	45	200181
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	18	30	200183
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	90	200242
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	60	200246
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	45	200241
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	30	200243
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	30	90	200302
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	30	60	200306
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	30	45	200301
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	30	30	200303
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	36	90	200362
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	36	60	200366
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	36	45	200361
2"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	36	30	200363

• Nominal standard tangent is two times NPS, 6" minimum.

2-1/2" NPS

NPS	SCHEDULE (WALL THICKNESS) & MATERIAL	CLR	DEGREE	PRODUCT ID
2.5"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	90	250242
2.5"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	60	250246
2.5"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	45	250241
2.5"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	30	250243
2.5"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	30	90	250302
2.5"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	30	60	250306
2.5"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	30	45	250301
2.5"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	30	30	250303
2.5"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	36	90	250362
2.5"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	36	60	250366
2.5"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	36	45	250361
2.5"	5P A, 5P C, 5P S, 10P A, 10P C, 10P S, 40P A, 40P C, 40P S	36	30	250363

• Nominal standard tangent is two times NPS, 6" minimum.

SPECIAL SERVICES

- Shot Peening
- Spiral Grooving
- Porcelain Lining
- Ceramic Coating
- Part Variations

Catalog Part Variations Available Upon Request

Give us a call if you can't find exactly what you need!

PIPE BENDS

3" NPS

NPS	SCHEDULE (WALL THICKNESS) & MATERIAL	CLR	DEGREE	PRODUCT ID
3"	40P A, 40P C, 40P S	24	90	300242
3"	40P A, 40P C, 40P S	24	60	300246
3"	40P A, 40P C, 40P S	24	45	300241
3"	40P A, 40P C, 40P S	24	30	300243
3"	40P A, 40P C, 40P S	30	90	300302
3"	40P A, 40P C, 40P S	30	60	300306
3"	40P A, 40P C, 40P S	30	45	300301
3"	40P A, 40P C, 40P S	30	30	300303
3"	40P A, 40P C, 40P S	36	90	300362
3"	40P A, 40P C, 40P S	36	60	300366
3"	40P A, 40P C, 40P S	36	45	300361
3"	40P A, 40P C, 40P S	36	30	300363

• Nominal standard tangent is two times NPS, 6" minimum.

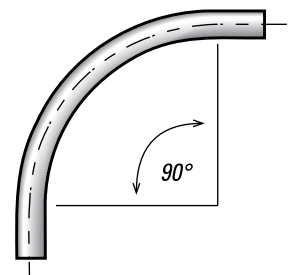
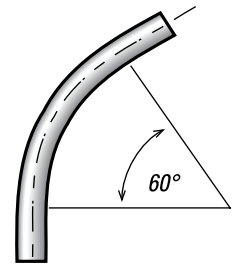
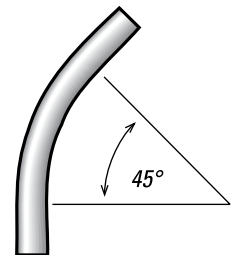
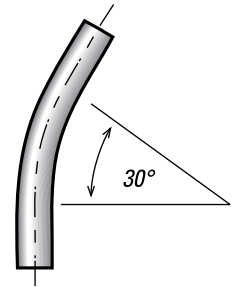
3-1/2" NPS

NPS	SCHEDULE (WALL THICKNESS) & MATERIAL	CLR	DEGREE	PRODUCT ID
3.5"	40P A, 40P C, 40P S	24	90	350242
3.5"	40P A, 40P C, 40P S	24	60	350246
3.5"	40P A, 40P C, 40P S	24	45	350241
3.5"	40P A, 40P C, 40P S	24	30	350243
3.5"	40P A, 40P C, 40P S	30	90	350302
3.5"	40P A, 40P C, 40P S	30	60	350306
3.5"	40P A, 40P C, 40P S	30	45	350301
3.5"	40P A, 40P C, 40P S	30	30	350303
3.5"	40P A, 40P C, 40P S	36	90	350362
3.5"	40P A, 40P C, 40P S	36	60	350366
3.5"	40P A, 40P C, 40P S	36	45	350361
3.5"	40P A, 40P C, 40P S	36	30	350363

• Nominal standard tangent is two times NPS, 6" minimum.

NPS TO OD CONVERSION

3" NPS Sch 5 = 3-1/2" OD 14 Gauge
 3" NPS Sch 10 = 3-1/2" OD 11 Gauge
 3-1/2" NPS Sch 5 = 4" OD 14 Gauge
 3-1/2" NPS Sch 10 = 4" OD 11 Gauge
 4" NPS Sch 5 = 4-1/2" OD 14 Gauge
 4" NPS Sch 10 = 4-1/2" OD 11 Gauge



TERMINOLOGY

CLR = Center Line Radius
 ERW = Electric Resistance Welded
 FNPT = Female National Pipe Thread
 ID = Inside Diameter
 MNPT = Male National Pipe Thread
 NPS = Nominal Pipe Size
 OD = Outside Diameter
 SCH = Schedule

PIPE BENDS

All reference dimensions are nominal

To determine your part number when ordering:

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- plus MATERIAL TYPE

GAUGE PRODUCT ID MATERIAL TYPE

16 — 150252 — A

Pipe Bend Specifications

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- Ceramic Coating
- Part Variations

4" NPS

NPS	SCHEDULE (WALL THICKNESS) & MATERIAL	CLR	DEGREE	PRODUCT ID
4"	40P A, 40P C, 40P S	24	90	400242
4"	40P A, 40P C, 40P S	24	60	400246
4"	40P A, 40P C, 40P S	24	45	400241
4"	40P A, 40P C, 40P S	24	30	400243
4"	40P A, 40P C, 40P S	30	90	400302
4"	40P A, 40P C, 40P S	30	60	400306
4"	40P A, 40P C, 40P S	30	45	400301
4"	40P A, 40P C, 40P S	30	30	400303
4"	40P A, 40P C, 40P S	36	90	400362
4"	40P A, 40P C, 40P S	36	60	400366
4"	40P A, 40P C, 40P S	36	45	400361
4"	40P A, 40P C, 40P S	36	30	400363

• Nominal standard tangent is two times NPS, 6" minimum.

5" NPS

NPS	SCHEDULE (WALL THICKNESS) & MATERIAL	CLR	DEGREE	PRODUCT ID
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	90	500242
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	60	500246
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	45	500241
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	30	500243
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	30	90	500302
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	30	60	500306
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	30	45	500301
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	30	30	500303
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	36	90	500362
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	36	60	500366
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	36	45	500361
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	36	30	500363
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	48	90	500482
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	48	60	500486
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	48	45	500481
5"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	48	30	500483

• Nominal standard tangent is two times NPS, 6" minimum.

Catalog Part Variations Available Upon Request

PIPE BENDS

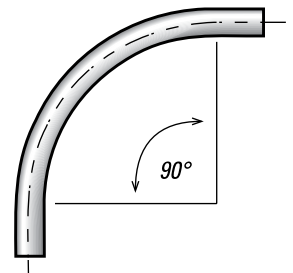
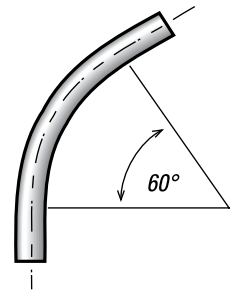
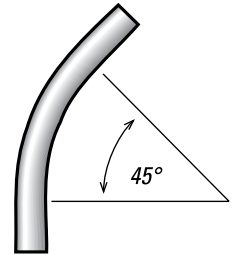
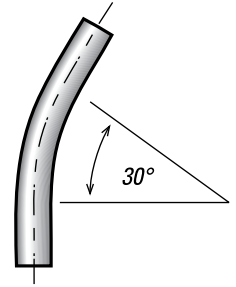
6" NPS

NPS	SCHEDULE (WALL THICKNESS) & MATERIAL	CLR	DEGREE	PRODUCT ID
6"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	90	600242
6"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	60	600246
6"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	45	600241
6"	10P A, 10P C, 10P S, 40P A, 40P C, 40P S	24	30	600243

• Nominal standard tangent is two times NPS, 6" minimum.

NPS TO OD CONVERSION

3" NPS Sch 5 = 3-1/2" OD 14 Gauge
 3" NPS Sch 10 = 3-1/2" OD 11 Gauge
 3-1/2" NPS Sch 5 = 4" OD 14 Gauge
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 4" NPS Sch 5 = 4-1/2" OD 14 Gauge
 4" NPS Sch 10 = 4-1/2" OD 11 Gauge



TERMINOLOGY

CLR = Center Line Radius
 ERW = Electric Resistance
 Welded
 FNPT = Female National
 Pipe Thread
 ID = Inside Diameter
 MNPT = Male National
 Pipe Thread
 NPS = Nominal Pipe Size
 OD = Outside Diameter
 SCH = Schedule