

# Ford Steel Reducing Couplings

## Style FC6

Ford Steel Reducing Couplings are designed to connect plain end pipes with an O.D. differential of more than 1". When ordering, use the table shown on the next page or use the exact O.D. measurements of the two plain end pipes to be joined.

**Bolts and Nuts** - High strength low alloy steel per ASTM A242 and AWWA C-111  
 Optional: - Type 304 Stainless Steel  
 - Type 316 Stainless Steel  
 - Electro-Galvanized Steel

**Body Sleeve** - ASTM A36 Carbon Steel

**Finish** - Black Shop Coat  
 Optional: Epoxy coating

**Gasket** - SBR Rubber  
 Optional: - Buna-N  
 - EPDM

**End Rings** - 4" - 20" per ASTM A536 Ductile Iron; 24" - 60" AISI Cold Rolled or Extruded Carbon Steel (1018-1020)

**Rated Working Water Pressure** - 150 PSI working water pressure for a coupling with a reduction of 2 nominal pipe sizes or less.

For information about high pressure applications or reductions of more than two nominal pipe sizes, please contact your Ford Meter Box Customer Service Representative.

**Caution: Reducing Couplings do not restrain axial pipe movement. Unbalanced forces created by internal water pressure or external forces must be properly restrained.**

### How to order FC6 couplings:

Our code system is used to designate the part number. Each code determines how the coupling will be manufactured. Select the large end catalog number and small catalog number from the chart on page 21. Ford will manufacture FC6 couplings to your specifications using the material and dimensional parameters listed below. **Before ordering a special pipe O.D., make sure your O.D. is not in the listed ranges.**

The example shown below is a FC6-1780-1275-R. This coupling is made to fit a 17.80 O.D. pipe and 12.75 O.D. pipe using standard bolts and finished with a standard shop coat.

## FC6-1780-1275-R

Product Identification:  
 Fabricated Steel Reducing Coupling

Large End Pipe O.D.

Small End Pipe O.D.

COATING, BOLTS AND GASKET OPTIONS				
GASKET MATERIAL	COATING AND BOLT COMBINATIONS			
	Standard Alloy Bolts	304 Stainless Steel Bolts	316 Stainless Steel Bolts	Electro Galvanized Bolts
<b>Standard Shop Coat</b>				
SBR Rubber	R	X	Q	G
Buna-N Rubber	N	H	J	F
EPDM Rubber	S	M	V	W
<b>Epoxy Coated</b>				
SBR Rubber	E	Y	Z	K
Buna-N Rubber	C	P	T	O
EPDM Rubber	A	B	D	L

Note: See item listings in catalog section to assure that desired sizes and options are available

# Ford Steel Reducing Couplings

Style FC6

## Large End

BY

## Small End

NOM. PIPE SIZE	LARGE END RANGE	LARGE END CATALOG NUMBER	LENGTH OF LG. END	NUMBER OF BOLTS
4"	4.00	FC6-400	5	3
	4.50-4.80	FC6-480	5	3
	4.80-5.10	FC6-510	5	3
	5.15-5.57	FC6-557	5	3
6"	6.00	FC6-600	5	4
	6.63-6.90	FC6-690	5	4
	6.90-7.20	FC6-720	5	4
	7.21-7.56	FC6-756	5	4
8"	8.00	FC6-800	5	5
	8.63-9.05	FC6-905	5	5
	9.05-9.40	FC6-940	5	5
	9.40-9.74	FC6-974	5	5
10"	10.00	FC6-1000	5	6
	10.75	FC6-1075	5	6
	11.10-11.46	FC6-1146	5	6
	11.42-11.77	FC6-1177	5	6
	11.77-12.12	FC6-1212	5	6
12"	12.00	FC6-1200	5	7
	12.75	FC6-1275	5	7
	13.20-13.56	FC6-1356	5	7
	13.69-14.04	FC6-1404	5	7
14"-16"	14.04-14.38	FC6-1438	5	7
	15.30-15.70	FC6-1570	5	9
	16.00-16.35	FC6-1635	5	9
16"-18"	16.40-16.88	FC6-1688	5	9
	17.40-17.80	FC6-1780	5	10
	17.85-18.25	FC6-1825	5	11
18"-20"	18.90-19.20	FC6-1920	5	10
	19.50-20.00	FC6-2000	5	11
	21.60-22.06	FC6-2206	5	12
24"	24.00	FC6-2400	5	14
	25.80	FC6-2580	5	14
	26.32	FC6-2632	5	14
30"	30.00	FC6-3000	5	16
	32.00	FC6-3200	5	16
	32.40	FC6-3240	5	16
36"	36.00	FC6-3600	5	18
	38.30	FC6-3830	5	18
	42.00	FC6-4200	5	20
42"	44.50	FC6-4450	5	20
	48.00	FC6-4800	5	22
	49.00	FC6-4900	5	22
48"	50.80	FC6-5080	5	22
	55.00	FC6-5500	5	24
	56.66	FC6-5666	5	24
54"	57.10	FC6-5710	5	24
	57.56	FC6-5756	5	24
	57.80	FC6-5780	5	24
60"	60.00	FC6-6000	5	26
	61.00	FC6-6100	5	26
	61.61	FC6-6161	5	26
	63.40	FC6-6340	5	26

NOM. PIPE SIZE	SMALL END RANGE	SMALL END CATALOG NUMBER	LENGTH OF SM. END	NUMBER OF BOLTS
2"	2.30-2.45	-245-R	7	2
	2.34-2.63	-263-R	7	2
	2.40-2.65	-265-R	7	2
	2.65-2.88	-288-R	7	2
3"	3.45-3.60	-360-R	7	3
	3.70-3.88	-388-R	7	3
	4.07-4.20	-420-R	7	3
4"	4.00	-400-R	7	3
	4.50-4.80	-480-R	7	3
	4.80-5.10	-510-R	7	3
	5.15-5.57	-557-R	7	3
6"	6.00	-600-R	7	4
	6.63-6.90	-690-R	7	4
	6.90-7.20	-720-R	7	4
	7.21-7.56	-756-R	7	4
8"	8.00	-800-R	7	7
	8.63-9.05	-905-R	7	7
	9.05-9.40	-940-R	7	7
10"	9.40-9.74	-974-R	7	7
	10.00	-1000-R	5	6
	10.75	-1075-R	7	6
	11.10-11.46	-1146-R	7	6
12"	11.42-11.77	-1177-R	7	6
	11.77-12.12	-1212-R	7	6
	12.00	-1200-R	5	7
	12.75	-1275-R	7	7
14"-16"	13.20-13.56	-1356-R	7	7
	13.69-14.04	-1404-R	7	7
	14.04-14.38	-1438-R	7	7
	15.30-15.70	-1570-R	7	9
16"-18"	16.00-16.35	-1635-R	7	9
	16.40-16.88	-1688-R	7	9
	17.40-17.80	-1780-R	7	10
18"-20"	17.85-18.25	-1825-R	7	11
	18.90-19.20	-1920-R	7	10
	19.50-20.00	-2000-R	7	11
24"	21.60-22.06	-2206-R	7	12
	24.00	-2400-R	7	14
	25.80	-2580-R	7	14
	26.32	-2632-R	7	14
30"	30.00	-3000-R	7	16
	32.00	-3200-R	7	16
	32.40	-3240-R	7	16
36"	36.00	-3600-R	7	18
	38.30	-3830-R	7	18
	42.00	-4200-R	7	20
42"	44.50	-4450-R	7	20
	48.00	-4800-R	7	22
	49.00	-4900-R	7	22
48"	50.80	-5080-R	7	22
	55.00	-5500-R	7	24
	56.66	-5666-R	7	24
54"	57.10	-5710-R	7	24
	57.56	-5756-R	7	24
	57.80	-5780-R	7	24
	60.00	-6000-R	7	26
60"	61.00	-6100-R	7	26
	61.61	-6161-R	7	26
	63.40	-6340-R	7	26