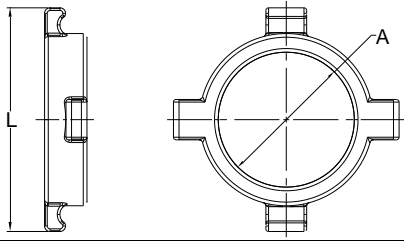


Harco Fittings LLC Ductile Iron IPS Gasketed Fittings

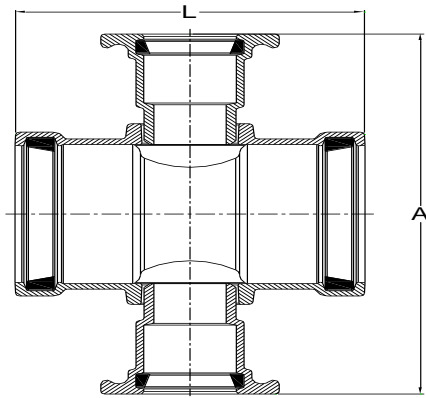
DESIGN DATA

CROSSOVER RING



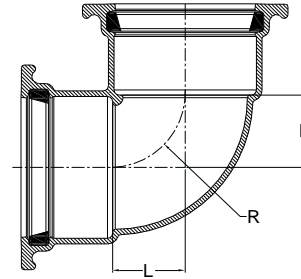
SIZE	PART #	A	L	WT (approx)
3	82103	3.6	6.6	3.1
4	82104	4.6	7.7	4.6
6	82106	6.7	10.0	7.5

CROSS (G x G x G x G)



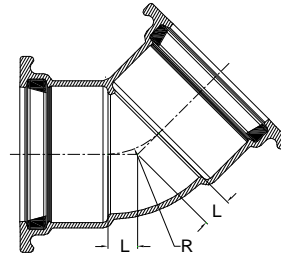
SIZE	PART #	A	L	WT (approx)
2½ x 2½ x 1½ x 1½	802150303	14.2	6.5	16
2½ x 2½ x 2 x 2	802150404	13.3	6.5	17
3 x 3 x 2 x 2	803150404	12.6	8.5	21
3 x 3 x 2½ x 2½	803150505	14.6	9.0	24
4 x 4 x 2 x 2	804150404	14.3	10.9	21.7
4 x 4 x 2½ x 2½	804150505	15.7	10.9	22.4
4 x 4 x 3 x 3	804150606	16.2	10.9	22.3
6 x 6 x 2 x 2	806150404	15.7	10.2	40
6 x 6 x 2½ x 2½	806150505	17.7	10.2	41
6 x 6 x 3 x 3	806150606	18.3	11.8	44
8 x 8 x 2 x 2	808150404	18.7	12.0	51
8 x 8 x 2½ x 2½	808150505	19.8	12.0	54
8 x 8 x 3 x 3	808150606	20.4	12.0	57
10 x 10 x 2 x 2	810150404	20.8	12.6	71
10 x 10 x 2½ x 2½	810150505	21.9	12.6	73
10 x 10 x 3 x 3	810150606	22.6	12.6	76
12 x 12 x 2 x 2	812150404	22.0	13.2	79
12 x 12 x 2½ x 2½	812150505	24.0	13.2	82
12 x 12 x 3 x 3	812150606	24.6	13.2	85

90° BEND (G x G) (¼ Bend)



SIZE	PART #	L	R	WT (approx)
1½	80020	1.1	1.1	4.4
2	80120	1.4	1.4	5.9
2½	80220	1.6	1.6	7.1
3	80320	2.0	2.0	10.2
4	80420	2.5	2.5	15.1
6	80620	3.5	3.5	26.7
8	80820	v4.5	4.5	42.0
10	81020	5.6	5.6	67.0
12	81220	6.7	6.7	99.0
14	81420	7.8	7.8	164.7
16	81620	9.0	9.0	203.2
18	81820			482.0

45° BEND (G x G) (⅛ Bend)



SIZE	PART #	L	R	WT (approx)
1½	80022	1.9	1.9	7.5
2	80122	0.6	1.5	5.4
2½	80222	0.7	1.7	6.6
3	80322	0.9	2.2	8.6
4	80422	1.1	2.7	13.3
6	80622	1.5	3.6	22.6
8	80822	1.9	4.7	35.1
10	81022	2.2	5.4	55.4
12	81222	2.6	6.4	73.1
14	81422	3.3	8.1	161.4
16	81622	3.8	9.0	203.8
18	81822			209.0

Notes:

- All lay lengths & weights are approximate and subject to change without notice
- Fabricated fitting configurations may vary

Call For Other Sizes, Configurations & Gasket Materials

Bell & Spigot Specification Note:

- 1½" – 12": Bells and Spigots are IPS size
- 14" – 18": **Bells and Spigots are Ductile Iron Pipe Size (DIPS) for AWWA C905 PVC Pipe or Ductile Iron Pipe**



Harco Fittings LLC

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