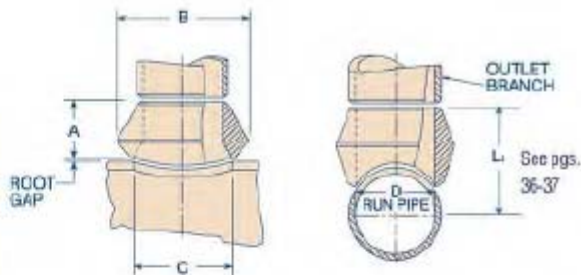


SIZE ON SIZE

STANDARD WEIGHT, RUN AND BRANCH

FORGED



Outlet Size Inches	Dimensions				Approx. Weight Pounds
	A	B	C	D	
1/2	3/4	1-3/8	15/16	5/8	.15
3/4	7/8	1-5/8	1-3/16	13/16	.25
1	1-1/16	2	1-7/16	1-1/32	.40
1-1/4	1-1/4	2-3/8	1-3/4	1-3/8	.70
1-1/2	1-5/16	2-7/8	2	1-5/8	.80
2	1-1/2	3-1/2	2-9/16	2-1/16	1.50
2-1/2	1-5/8	4-1/16	3	2-7/16	2.25
3	1-3/4	4-13/16	3-1/16	3-1/16	3.75
3-1/2	2	5-3/8	3-7/8	3-9/16	5.00
4	2	6	4-3/4	4	6.70
5	2-1/4	7-1/8	5-9/16	5-1/16	8.50
6	2-3/8	8-1/2	6-1/16	6-1/16	14.00
8	2-3/4	10-3/8	8-1/16	7-15/16	28.00
10	3-1/16	12-9/16	10-13/16	10	39.00
12	3-3/8	14-7/8	12-13/16	12	65.00
14	3-1/2	16-1/8	14-1/16	13-1/4	70.00
16	3-11/16	18-1/4	16-1/16	15-1/4	92.00
18	4-1/16	20-3/4	18-5/8	17-1/4	125.00
20	4-5/8	23-1/16	20-1/16	19-1/4	175.00
24	5-3/8	27-7/8	25-1/8	23-1/4	280.00
30	5-3/8	34-1/16	30-7/16	29-1/4	440.00
36	5-3/8	34-1/16	36-1/2	35-1/4	1180.00

Footnotes apply to pages 0 & 9.

Each outlet size listed is available to fit any run curvature.

Larger Outlet Sizes Available on Application.

Design per MSS-SP-97. BW ends per B16.9 and B16.25.

RUN PIPE SIZES

Outlet sizes 6" and less fit a number of run pipe sizes, and the fittings are marked accordingly. See page 38 for run pipe size combination table(s). Standard weight fittings are the same as schedule 40 fittings through 10". Pipe schedule numbers and weight designators are in accordance with ASME B36.10.

SCHEDULES

A schedule 40 Weldolet for sizes 12" and larger is available.

FLATS

A flat Weldolet for use on welding caps, elliptical heads and flat surfaces is available.

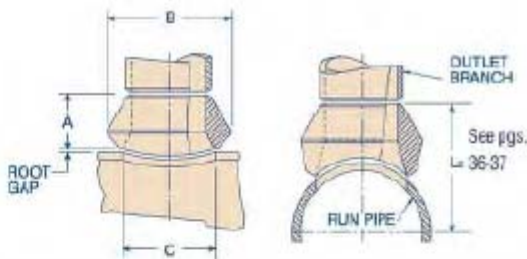
ORDERING

When ordering a Weldolet fitting, see page 7.

REDUCING AND FLAT SIZE

EXTRA STRONG, RUN AND BRANCH

FORGED



Outlet Size Inches	Dimensions			Approx. Weight Pounds
	A	B	C	
1/8	5/8	1	5/8	.10
1/4	5/8	1	5/8	.10
3/8	3/4	1-1/4	3/4	.15
1/2	3/4	1-3/8	15/16	.20
3/4	7/8	1-3/4	1-3/16	.30
1	1-1/16	2-1/8	1-7/16	.50
1-1/4	1-1/4	2-9/16	1-3/4	.90
1-1/2	1-5/16	2-7/8	2	1.10
2	1-1/2	3-1/2	2-9/16	1.75
2-1/2	1-5/8	4-1/16	3	2.60
3	1-3/4	4-13/16	3-11/16	4.10
3-1/2	1-7/8	5-3/8	4	5.60
4	2	6	4-3/4	6.40
5	2-1/4	7-1/16	5-9/16	10.40
6	3-1/16	8-7/8	6-11/16	23.00
8	3-7/8	11-1/2	8-11/16	37.00
10	3-11/16	12-3/4	10-7/16	46.00
12	4-1/16	14-15/16	12-1/2	61.00
14	3-15/16	17	13-13/16	70.00
16	4-3/16	13-3/8	15-7/8	102.00
18	4-3/8	23-3/8	17-15/16	130.00
20	4-11/16	22-15/16	20-1/16	158.00
24	5-1/2	27-7/8	24-3/16	290.00
26	5-3/4	30-1/8	27-1/4	350.00

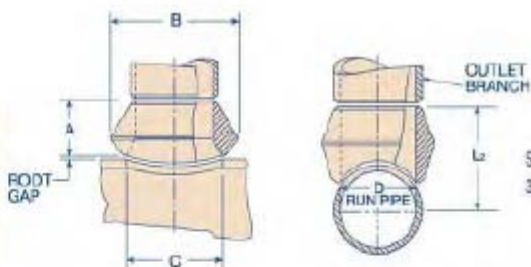
30, 36 and larger sizes available on application.

See footnotes at bottom of page 11.

SIZE ON SIZE

EXTRA STRONG, RUN AND BRANCH

FORGED



See pgs.
36-37



Outlet Size Inches	Dimensions				Appx. Weight Pounds
	A	B	C	D	
1/2	3/4	1-3/8	15/16	5/8	.15
3/4	7/8	1-5/8	1-3/16	13/16	.25
1	1-1/16	2	1-7/16	1-1/32	.40
1-1/4	1-1/4	2-7/16	1-3/4	1-3/8	.70
1-1/2	1-5/16	2-7/8	2	1-5/8	.80
2	1-1/2	3-1/2	2-9/16	2-1/16	1.60
2-1/2	1-5/8	4-1/16	3	2-7/16	2.50
3	1-3/4	4-13/16	3-11/16	3-1/16	4.10
3-1/2	2	5-3/8	3-7/8	3-9/16	5.10
4	2	6	4-3/4	4	7.50
5	2-1/4	7-1/8	5-9/16	5-1/16	9.50
6	3-1/16	8-7/8	6-11/16	6-1/16	15.00
8	3-7/8	10-5/8	8-11/16	7-5/8	32.00
10	3-1/2	12-7/8	10-7/16	9-3/4	46.00
12	3-15/16	15-3/16	13	11-3/4	61.00
14	4-1/8	16-11/16	14-5/16	13	75.00
16	4-7/16	18-7/8	16-1/2	15	115.00
18	4-11/16	21-1/8	18-5/8	17	130.00
20	5	23-3/8	20-13/16	19	187.00
24	5-1/2	27-7/8	25-1/8	23	316.00
26	5-3/4	30-1/8	27-1/4	25	370.00

30, 36 and larger sizes available on application.

Footnotes apply to pages 10 & 11.

Each outlet size listed is available to fit any run curvature.

Design per MSS-SP-07. BW ends per B16.9 and B16.25.

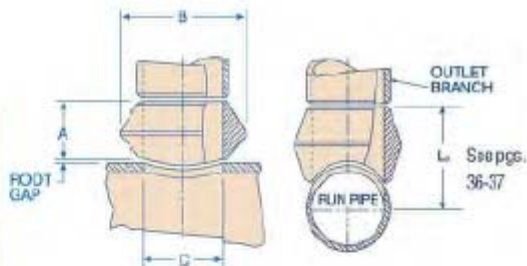
RUN PIPE SIZES	Outlet sizes 5" and less fit a number of run pipe sizes, and the fittings are marked accordingly. See page 38 for run pipe size combination table(s).
SCHEDULES	Extra strong fittings are the same as schedule 80 through 8". Pipe schedule numbers and weight designations are in accordance with ASME B3G 10. A schedule 80 Weldolet for sizes 10" and larger is available. Dimensions and prices on application.
FLATS	A flat Weldolet for use on welding caps, elliptical heads and flat surfaces is available.
ORDERING	When ordering a Weldolet fitting, see page 7.

SIZE ON SIZE

SCHEDULE 160 & DOUBLE EXTRA STRONG

RUN AND BRANCH

FORGED



Outlet Size Inches	Dimensions			Appx. Weight Pounds
	A	B	C	
1/2	1-1/8	1-3/8	9/16	.25
3/4	1-1/4	1-3/4	3/4	.70
1	1-1/2	2	1	.80
1-1/4	1-3/4	2-7/16	1-5/16	1.25
1-1/2	2	2-3/4	1-1/2	1.75
2	2-3/16	3-3/16	1-11/16	2.15
2-1/2	2-7/16	3-13/16	2-1/8	3.40
3	2-7/8	4-3/4	2-7/8	6.35
4	3-5/16	6	3-7/8	10.50
5	3-11/16	7-3/8	4-13/16	14.25
6	4-1/8	8-11/16	5-3/4	30.25
8	For dimensions see Heavy Wall Weirtolet, page 14.			
10				
12				
14				
16				
18				
20				
24				

Footnotes apply to pages 12 & 13.

Each outlet size listed is available to fit any run size.

Larger sizes available on application.

Design per MSS-SP-97, BW ends per B16.9 and B16.25.

RUN PIPE SIZES Outlet sizes 4" and less fit a number of run pipe sizes, and the fittings are marked accordingly. See page 38 for run pipe size combination table(s).

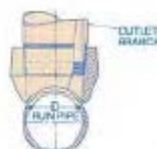
FLATS A flat Weirtolet for use on welding caps, elliptical heads and flat surfaces is available.

ORDERING When ordering a Weirtolet fitting, see page 7.

THREDOLET® REDUCING, SIZE ON SIZE AND FLAT

CL 3000

CL 6000



REDUCING SIZES

	Outlet Size Inches	Dimensions			Approx. Weight Pounds
		A	B	C	
CL 3000	1/8	3/4	1	5/8	.10
	1/4	3/4	1	5/8	.10
	3/8	1 2/16	1 1/4	3/4	.20
	1/2	1	1 1/32	15/16	.25
	3/4	1 1/16	1 23/32	1 5/32	.35
	1	1 5/16	2	1 7/16	.60
	1 1/4	1 5/16	2 9/16	1 3/4	.90
	1 1/2	1 3/8	2 27/32	2	1.00
	2	1 1/2	3 15/32	2 9/16	1.75
	2 1/2	1 13/16	4 1/16	3	3.00
	3	2	4 13/16	3 11/16	4.35
	3 1/2	2 1/8	5 7/32	4	5.75
CL 6000	4	2 1/4	5 31/32	4 3/4	7.10
	5	2 5/8	7 5/16	5 9/16	12.00
	6	2 3/4	8 5/8	6 11/16	15.30
	1/4	1 1/8	1 11/32	9/16	.30
	3/8	1 1/8	1 11/32	9/16	.30
	1/2	1 1/4	1 23/32	3/4	.45
	3/4	1 7/16	1 51/64	1	.75
	1	1 9/16	2 7/16	1 5/16	1.25
	1 1/4	1 5/8	2 23/32	1 1/2	1.60
	1 1/2	1 11/16	3 1/4	1 15/16	1.55
2	2 1/16	4 1/2	2 3/4	5.00	

SIZE ON SIZE

	Outlet Size Inches	Dimensions				Approx. Weight Pounds
		A	B	C	D	
CL 3000	1/2	1	1 3/8	1 5/16	5/8	.15
	3/4	1 1/16	1 3/8	1 3/16	13/16	.25
	1	1 5/16	2	1 7/16	1 1/16	.45
	1 1/4	1 5/16	2 3/8	1 3/4	1 3/8	.70
	1 1/2	1 3/8	2 7/8	2	1 5/8	.90
	2	1 1/2	3 1/2	2 9/16	2 1/16	1.40
	2 1/2	1 29/32	4 1/16	3	2 1/2	2.50
	3	2	4 13/16	3 11/16	3 1/16	4.30
	3 1/2	2 1/8	5 3/8	4 7/16	3 9/16	4.50
	4	2 1/4	6 1/16	4 3/4	4 1/16	6.80
	5	2 7/16	7 1/4	5 1/4	5 1/4	9.20
	6	2 3/4	8 11/16	5 3/4	5 3/4	15.70

Each outlet size listed is available to fit any run curvature. Threaded ends are in accordance with ANSI/ASME B1.20.1 Design per MSS-SP-97

RUN PIPE SIZES: Outlet sizes noted above fit a number of run pipe sizes, and the fittings are marked accordingly.

See page 36 for run pipe size combination table(s).

FLATS: A flat Thredolet for use on welding caps, elliptical heads and flat surfaces is available.

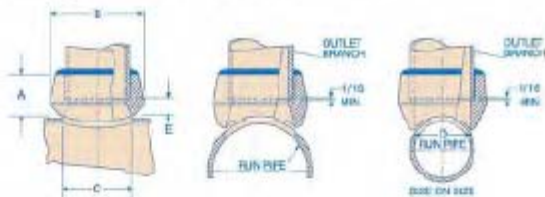
ORDERING

When ordering a Thredolet fitting, see page 7.

SOCKOLET® REDUCING, SIZE ON SIZE AND FLAT

CL 3000

CL 6000



REDUCING SIZES

	Outlet Size Inches	Dimensions					Approx. Weight Pounds
		A	B	C	D	E	
CL 3000	1/8	3/4	1	5/8	.269	9/32	.10
	1/4	3/4	1	5/8	.364	9/32	.10
	3/8	13/16	1-1/4	3/4	.483	7/16	.20
	1/2	1	1-13/32	29/32	.622	9/16	.30
	3/4	1-1/16	1-23/32	1-5/32	.824	9/16	.35
	1	1-3/16	2	1-7/16	1.049	25/32	.60
	1-1/4	1-5/16	2-9/16	1-3/4	1.380	3/4	.85
	1-1/2	1-9/8	2-27/32	2	1.610	3/4	1.00
	2	1-1/2	3-15/32	2-9/16	2.067	13/16	1.60
	2-1/2	1-9/16	4-1/16	3	2.469	3/4	2.75
	3	1-3/4	4-13/16	3-11/16	3.068	15/16	3.80
	3-1/2	2-1/8	5-7/32	4	3.548	1	4.30
CL 6000	4	1-7/8	5-31/32	4-3/4	4.026	1-1/16	7.25
	5	2-5/8	7-5/16	5-9/16	5.047	1-11/32	12.00
	6	2-3/4	8-5/8	6-11/16	6.065	1-13/32	14.50
	1/2	1-1/4	1-23/32	3/4	.466	7/8	.50
	3/4	1-7/16	1-81/64	1	.614	7/8	.80
	1	1-9/16	2-7/16	1-5/16	.815	15/16	1.30
	1-1/4	1-3/8	2-23/32	1-1/2	1.160	13/16	1.60
	1-1/2	1-11/16	3-1/4	1-15/16	1.338	7/8	2.00
	2	2-1/16	4-1/32	2-3/4	1.689	1-3/16	5.15

SIZE ON SIZE

	Outlet Size Inches	Dimensions					Approx. Weight Pounds
		A	B	C	D	E	
CL 3000	1/2	1	1-3/8	15/16	.622	17/32	.15
	3/4	1-1/16	1-5/8	1-3/16	.824	15/32	.25
	1	1-5/16	2	1-7/16	1.049	23/32	.45
	1-1/4	1-5/16	2-3/8	1-3/4	1.380	9/16	.85
	1-1/2	1-9/8	2-7/8	2	1.610	21/32	.85
	2	1-1/2	3-1/2	2-9/16	2.067	13/16	1.40
	2-1/2	1-9/16	4-1/16	3	2.469	3/4	2.75
	3	1-3/4	4-13/16	3-11/16	3.068	15/16	3.75
	3-1/2	1-11/16	5-3/8	4-7/16	3.548	11/16	4.30
	4	1-7/8	5-1/16	4-3/4	4.026	1-1/16	6.50
	5	2-7/16	7-1/4	5-1/4	5.047	1	9.00
	6	2-11/16	8-11/16	6-1/16	6.065	1-3/16	15.50

Each outlet size listed is available to fit any run curvatures.

Socket dimensions are in accordance with ASME B16.11. Design per MSS-8P-91.

RUNPIPE SIZES

Outlet sizes noted above fit a number of run pipe sizes, and the fittings are marked accordingly. See page 38 for run pipe size combination table(s).

FLATS

A flat Sockolet for use on welding caps, elliptical heads and flat surfaces is available.

ORDERING

When ordering a Sockolet fitting, see page 7.