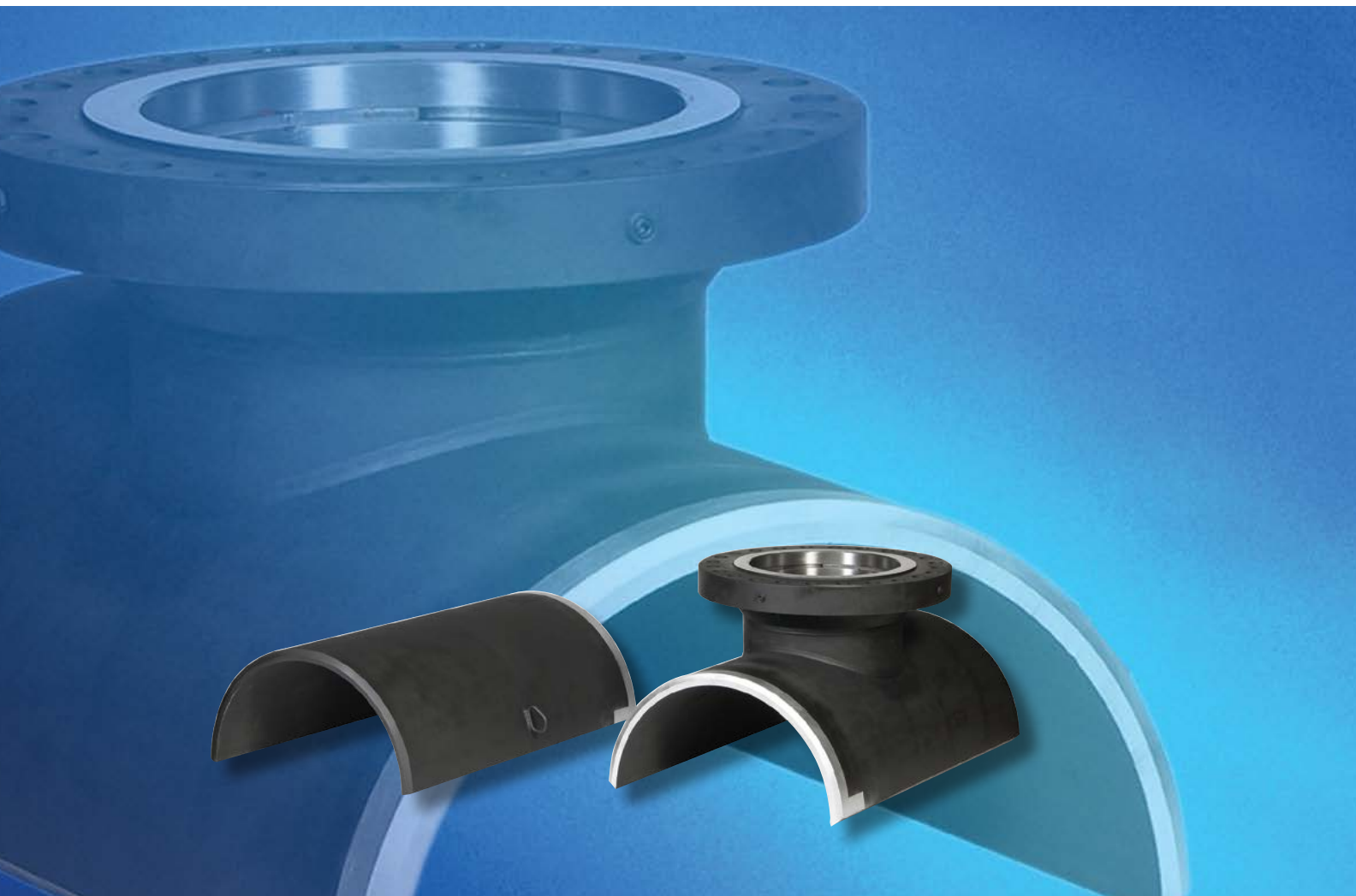


Dresser Intervention Technologies for Energy Pipeline Systems





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Dresser NGS offers an extensive line of high quality products for global oil and gas energy transmission and distribution industries.

Dresser Natural Gas Solutions (NGS) LS-2 fittings are available for steel piping systems in threaded sizes from 1-1/4" through 3" and flange fittings from 4" through 12". LS-2 fittings are designed, tested and manufactured to meet and/or exceed the code area replacement requirements for pressure containment per ASME B31.4 (liquid pipelines)/B31.8 (gas pipelines).

The Dresser LS-2 line of fittings is designed for use in Class 1, 2, 3 & 4 locations at the maximum allowable operating pressures of 285 psi for ANSI Class 150 fittings and 740 PSI for ANSI Class 300 split-sleeve fittings. ANSI Class 300 spherical fittings rated for Class 1, 2, 3, and 4 locations are also available upon request.

Full-encirclement split sleeve line stop fittings are available in ANSI 150, 300, 600 and 900 from 4" through 48" sizes. Fittings can be manufactured with side outlet, Spherical configurations, or with a standard weld neck flange for hot tapping applications. Clearance grooves for backing strips can be provided on request; everything in the catalog is considered standard fittings. Custom fittings are always available, however changes may de-rate pressure ratings. Line stop flanges and completion plugs are also available.

Dresser pressure control and split sleeve fittings are compatible with both Dresser NGS and Industry standard tapping and plugging equipment. All fittings and equipment are designed and certified to ASME/ANSI B31.8 (gas pipelines); B31.4 (liquid pipelines); B31.3 (chemical plants & refineries); B31.1 (power plants); DOT 192 federal regulation for gas pipelines; DOT 195 federal regulation for liquid pipelines and most international codes and on request NACEMR0175 compliance and certification.

All fittings are welded in accordance with ASME section IX or API 1104 welding procedures. Dresser NGS employs quality assurance and quality control procedures, as well as in-process inspection and documentation.

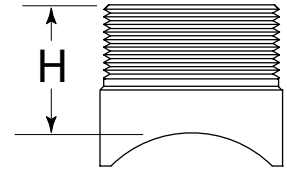


LS-2 Weld Fittings¹ - Class 150²

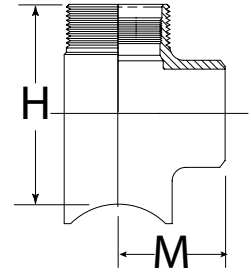
Max 285 PSI @ 100°F

All dimensions are approximate and given in inches (mm)

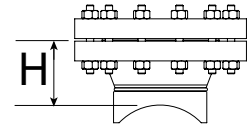
1-1/4" - 3" LS-2 Threaded Weld Fittings - Class 150						
Size (in)	Size (mm)	Part Number	Weight (lbs)	Weight (kg)	H (in)	H (mm)
1-1/4	32	6501-1513-00	1.8	0.8	2.25	75
1-1/2	40	6501-1515-00	2	0.9	2.25	75
2	50	6501-1502-00	2.5	1.0	1.88	68
3	80	6501-1503-00	7.2	3.3	2.75	75



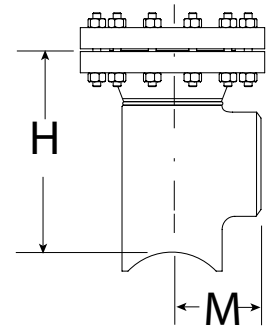
1-1/4" - 3" LS-2 Threaded Weld Fittings w/Side Outlet - Class 150									
Size (in)	Size (mm)	Part Number	Weight (lbs)	Weight (kg)	H (in)	H (mm)	M (in)	M (mm)	
1-1/4	32	6511-1513-00	4	1.8	4.75	121	1.87	67	
1-1/2	40	6511-1515-00	4	1.8	6.00	152	2.25	75	
2	50	6511-1502-00	5.5	2.5	5.25	133	2.50	83	
3	80	6511-1503-00	14	6.3	8.00	203	3.37	121	



4" - 12" LS-2 Flanged Weld Fittings - Class 150						
Size (in)	Size (mm)	Part Number	Weight (lbs)	Weight (kg)	H (in)	H (mm)
4	100	6501-1504-00	20	9.1	4.00	102
6	150	6501-1506-00	55	24.9	5.00	127
8	200	6501-1508-00	90	40.8	5.00	127
10	250	6501-1510-00	145	65.8	5.50	140
12	300	6501-1512-00	190	86.2	5.38	137



4" - 12" LS-2 Flanged Weld Fittings w/Side Outlet - Class 150									
Size (in)	Size (mm)	Part Number	Weight (lbs)	Weight (kg)	H (in)	H (mm)	M (in)	M (mm)	
4	100	6511-1504-00	35	15.9	9.80	249	4.12	171	
6	150	6511-1506-00	55	24.9	13.32	338	5.62	224	
8	200	6511-1508-00	130	59.0	14.81	376	7.00	273	
10	250	6511-1510-00	185	83.9	19.00	482	8.50	378	
12	300	6511-1512-00	280	127.0	21.50	546	10.00	441	



¹ Includes Standard Plug and Blind Flange Kit

² Flat bottom design also available



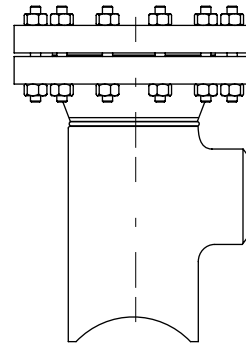
LS-2 Reduced Branch Weld Fittings¹ - Class 150²

Max 285 psi @ 100°F

LS-2 Reduced Branch Weld Fittings Class 150					
Size (in)	Size (mm)	Part Number	Configuration	Weight (lbs)	Weight (kg)
2 x 4	50 x 100	6501-0204-00	Threaded	2.5	1.0
3 x 4	80 x 100	6501-0304-00	Threaded	7.2	3.3
4 x 6	100 x 150	6501-0406-00	Flanged	20	9.0
6 x 8	150 x 200	6501-0608-00	Flanged	55	25
8 x 10	200 x 250	6501-0810-00	Flanged	90	41
8 x 12	200 x 300	6501-0812-00	Flanged	90	41

¹ Includes Standard Plug and Blind Flange Kit

² Flat bottom design also available



LS-2 Spherical Weld Fittings¹ - Class 150

Max 285 psi @ 100°F

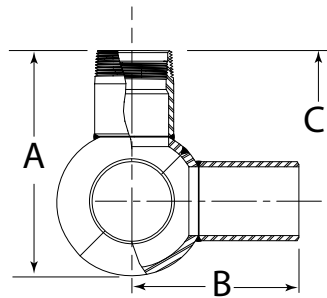
All dimensions are approximate and given in inches (mm)

2" - 12" LS-2 Spherical Fittings - Class 150															
Size (in)	Size (mm)	Part Number	Weight (lbs)	Weight (kg)	A (in)	A (mm)	B (in)	B (mm)	C (in)	C (mm)	D (in)	D (mm)	E (in)	E (mm)	
2	50	6523-1502-00	7	3.18	6.85	174	5.10	130	4.65	118	9.70	246	3.65	95	
3	80	6523-1503-00	19	8.62	10.20	259	7.50	190	6.90	175	14.40	366	5.75	146	
4	100	6523-1504-00	60	27.2	11.20	285	9.37	237	6.90	175	16.19	411	7.25	184	
6	150	6523-1506-00	115	52.2	15.75	400	11.25	290	9.25	238	20.00	525	10.62	271	
8	200	6523-1508-00	198	89.8	19.00	485	12.50	320	11.00	280	23.50	600	13.25	340	
10	250	6523-1510-00	272	123.3	22.63	575	14.12	360	12.63	325	26.75	680	16.50	425	
12	300	6523-1512-00	444	201.3	27.25	690	16.25	410	15.15	385	31.25	795	20.00	510	

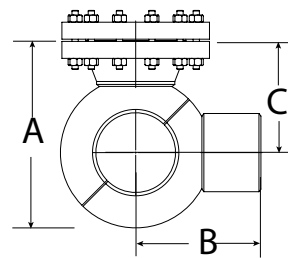
¹ Includes Standard Plug and Blind Flange Kit



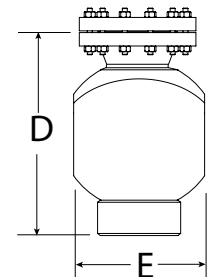
NOTE: Top half of spherical fitting shown.



Threaded fitting design for 2" and 3" pipe sizes



Flanged design 4" - 12" w/side outlet



Bottom outlet design 90° view

LS-2 Reduced Branch Spherical Fittings¹ - Class 150

Max 285 psi @ 100°F

LS-2 Reduced Branch Weld Fittings - Class 150					
Size (in)	Size (mm)	Part Number	Configuration	Weight (lbs)	Weight (kg)
2 x 4	50 x 100	6523-0204-00	Threaded	24	11
3 x 4	80 x 100	6523-0304-00	Threaded	35	16
4 x 6	100 x 150	6523-0406-00	Flanged	71	32
6 x 8	150 x 200	6523-0608-00	Flanged	105	48
8 x 10	200 x 250	6523-0810-00	Flanged	177	80
8 x 12	200 x 300	6523-0812-00	Flanged	259	117

¹ Includes Plug and Blind Flange Kit

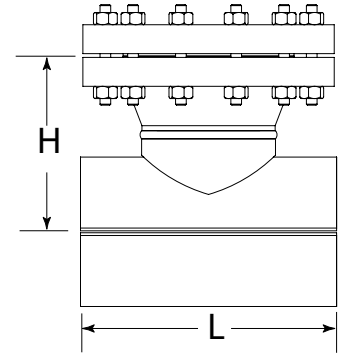
285 psi pressure rating: Maximum allowable operating pressure at 100°F with completion plug and cap or blind flange installed in Class 1, 2, 3 & 4 locations.

LS-2 Split Sleeve Fittings - Class 300¹

Max 740 psi² @ 100°F .72 DF

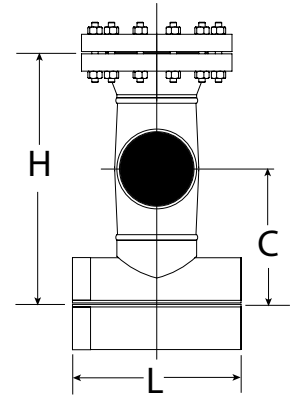
2" - 12" LS-2 Split Sleeve Fittings - Class 300

Size (in)	Size (mm)	Part Number	Weight (lbs)	Weight (kg)	H (in)	H (mm)	L (in)	L (mm)
2	50	6503-3002-00	9	4	5.56	141	5.75	146
3	80	6503-3003-00	16	7	8.00	203	7.50	190
4	100	6503-3004-00	77	35	6.25	159	10.75	273
6	150	6503-3006-00	146	66	7.87	200	14.00	356
8	200	6503-3008-00	233	106	9.50	241	16.50	419
10	250	6503-3010-00	347	170	11.00	279	20.00	508
12	300	6503-3012-00	557	253	12.75	324	22.00	559



2" - 12" LS-2 Split Sleeve Fittings w/Side Outlet - Class 300

Size (in)	Size (mm)	Part Number	Weight (lbs)	Weight (kg)	C (in)	C (mm)	H (in)	H (mm)	L (in)	L (mm)
2	50	6513-3002-00	10	4.5	4.75	121	8.00	203	5.75	146
3	80	6513-3003-00	20	7.25	7.25	183	11.00	279	7.50	190
4	100	6513-3004-00	92	41.5	7.25	183	13.50	343	10.75	273
6	150	6513-3006-00	182	82.5	9.87	251	19.20	488	14.00	356
8	200	6513-3008-00	296	134	12.37	314	23.50	600	16.50	419
10	250	6513-3010-00	475	215	15.25	387	28.00	711	20.00	508
12	300	6513-3012-00	699	317	17.87	454	32.70	830	22.00	559



LS-2 Spherical Weld Fittings - Class 300¹

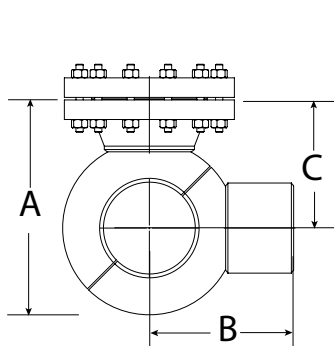
Max 740 psi @ 100°F

All dimensions are approximate and given in inches (mm)

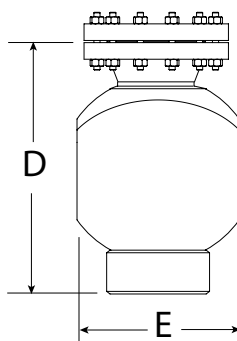
2" - 12" LS-2 Spherical Sleeve Fittings - Class 300

Size (in)	Size (mm)	Part Number	Weight (lbs)	Weight (kg)	A (in)	A (mm)	B (in)	B (mm)	C (in)	C (mm)	D (in)	D (mm)	E (in)	E (mm)
2	50	6523-3002-00	7.35	3.4	6.87	175	5.06	129	4.65	118	9.68	246	2.87	72.9
3	80	6523-3003-00	23.5	10.5	10.19	259	7.50	190	6.88	174	14.38	365	5.75	146
4	100	6523-3004-00	76	34.5	11.56	294	9.32	237	7.25	184	16.56	420	7.25	184
6	150	6523-3006-00	162	73.4	15.75	400	7.63	194	9.38	238	17.00	432	10.13	257
8	200	6523-3008-00	273	123.8	16.50	419	8.25	210	9.50	241	17.75	451	10.25	260
10	250	6523-3010-00	451	204.5	20.63	524	10.38	264	11.63	295	22.00	559	13.50	343
12	300	6523-3012-00	603	273.5	22.25	565	11.25	286	12.25	311	23.50	597	14.50	368

¹ Includes standard plug and blind flange kit



Side outlet design - linear view



Bottom outlet design - 90° view

LS-2 Completion Plugs and Spare O-Rings

1-1/4" - 3" LS-2 Completion Plugs for Class 150 & 300

Size (in)	Size (mm)	Completion Plug Part Number	Weight (lbs)	Weight (kg)	Spare O-Ring Part Number
1.25	32	6430-0001-00	.5	.22	2002-0220-00
1.5	38	6430-0002-00	.5	.22	2002-0130-06
2	50	6430-0002-00	.5	.22	2002-0130-00
3	80	6430-0003-00	2	.90	2002-0148-00



4" - 12" LS-2 Completion Plugs for Class 150

Size (in)	Size (mm)	Completion Plug Part Number	Weight (lbs)	Weight (kg)	Spare O-Ring Part Number
4	100	6430-0004-00	10	4.5	2001-6004-01
6	150	6415-0006-00	20	9.1	2001-6006-01
8	200	6415-0008-00	30	13.6	2001-6008-01
10	250	6415-0010-00	50	22.6	2001-6010-01
12	300	6415-0012-00	70	31.7	2001-6012-01



4" - 12" LS-2 Completion Plugs for Class 300

Size (in)	Size (mm)	Completion Plug Part Number	Weight (lbs)	Weight (kg)	Spare O-Ring Part Number
4	100	6430-0004-00	10	4.5	2001-6004-01
6	150	6430-0006-00	21	9.5	2001-6006-01
8	200	6430-0008-00	31	14	2001-6008-01
10	250	6430-0010-00	52	24	2001-6010-01
12	300	6430-0012-00	75	34	2001-6012-01

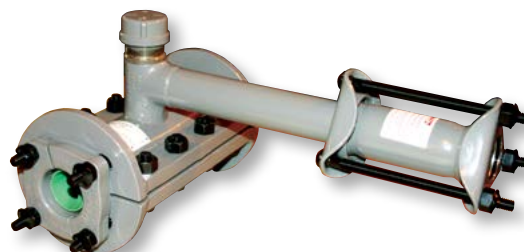
Style 50 Mechanical Sleeves¹ with LS-2 Hot Tap Fittings



When field welding is NOT an option, Dresser NGS offers the Style 50 mechanical sleeve integrated with LS-2 fittings with side outlets for hot tap service connections on CIP.

- Custom-fabrication to your exact size specifications
- Pre-engineered configurations
- Eliminates the need for field welding
- Factory-tested, factory-coated
- Ideally suited for cast-iron piping applications

Shown above is a Dresser Pipeline Solutions' Style 50 mechanical split sleeve with LS-2 weld fitting with side outlet permitting optional coupled PE transitions.



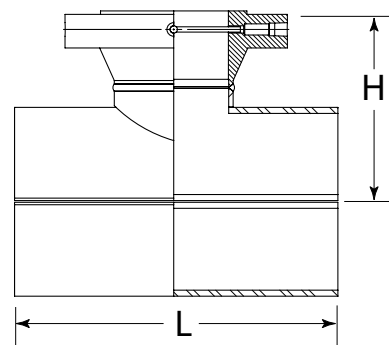
Dresser NGS - Your one-stop shopping solution for fast, cost-effective hot tapping and branch outlet service connections!

¹ All Style 50 mechanical hot tap sleeves with LS-2 fittings are made to order. Consult Dresser NGS customer service for your particular requirements and applications.

Split Sleeve Line Stop Fittings - Class 150, 300 and 600

All dimensions are approximate and given in inches (mm)

4" - 36" Line Stop Fittings - Class 150 - Max 285 psi @ 100°F Meets .4 DF								
Size (in)	Size (mm)	Part Number	Weight (lbs)	Weight (kg)	H (in)	H (mm)	L (in)	L (mm)
4	100	6315-0004-00	45	20	6.75	171	10.75	273
6	150	6315-0006-00	75	34	7.87	200	14.00	356
8	200	6315-0008-00	115	52	9.50	241	16.50	356
10	250	6315-0010-00	185	84	11.00	279	20.00	508
12	300	6315-0012-00	280	130	12.75	324	22.00	559
14	350	6315-0014-00	365	165	13.50	343	26.00	660
16	400	6315-0016-00	560	255	15.00	381	30.00	762
18	450	6315-0018-00	670	300	16.50	419	33.00	838
20	500	6315-0020-00	970	440	17.68	449	36.00	914
22	550	6315-0022-00	1170	530	18.87	479	40.00	1016
24	600	6315-0024-00	1340	607	20.50	521	43.00	1092
26	650	6315-0026-00	1340	670	21.15	537	47.00	1194
28	700	6315-0028-00	1595	722	22.65	575	49.00	1245
30	750	6315-0030-00	1750	793	26.25	667	51.00	1295
34	850	6315-0034-00	2165	980	29.12	740	57.00	1448
36	900	6315-0036-00	2430	1100	30.50	740	61	1524



Line stop fittings are also available from 40" thru 48" sizes. Call Dresser NGS for exact specifications.

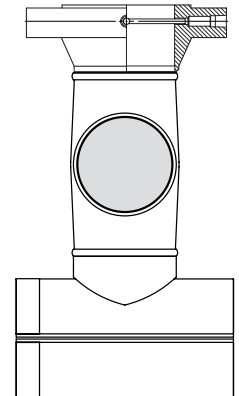
Contact Dresser NGS customer service for Class 900 details and specifications.

Our line stop fittings can be custom-designed to your particular pipeline specifications. Blind flange kits and completion plugs are sold separately.

4" - 36" Line Stop Fittings - Class 600 - Max 1480 psi @ 100°F												
Size (in)	Size (mm)	Part Number	Weight (lbs)	Weight (kg)	H (in)	H (mm)	L (in)	L (mm)	Pressure Ratings (psig)			
									DF.72	DF.6	DF.5	DF.4
4	100	6360-0004-00	60	27	8	203	8	203	1480	1480	1480	1400
6	150	6360-0006-00	100	45	9.562	243	14	356	1480	1480	1330	1070
8	200	6360-0008-00	160	73	11.19	284	14	356	1480	1480	1250	1000
10	250	6360-0010-00	280	127	13	330	20	508	1480	1220	1010	810
12	300	6360-0012-00	385	175	14.25	362	22	559	1480	1230	1020	820
14	350	6360-0014-00	540	245	15.12	384	26	660	1480	1460	1220	970
16	400	6360-0016-00	690	314	17.25	438	30	762	1480	1480	1360	1090
18	450	6360-0018-00	815	370	18.5	470	33	838	1480	1430	1190	950
20	500	6360-0020-00	1210	550	19.75	502	36	914	1480	1270	1050	840
22	550	6360-0022-00	1725	784	20.87	530	40	1016	1480	1340	1120	890
24	600	6360-0024-00	1895	861	22.75	578	43	1092	1480	1290	1080	860
26	650	6360-0026-00	2445	1111	24.87	632	47	1194	1480	1230	1020	820
28	700	6360-0028-00	2730	1241	26.5	673	49	1245	1480	1260	1050	840
30	750	6360-0030-00	3050	1386	28	711	51	1295	1480	1300	1080	870
34	850	6360-0034-00	4105	1866	29.75	756	57	1448	1480	1260	1050	840
36	900	6360-0036-00	5155	2343	31	787	61	1549	1480	1250	1040	830

Split Sleeve Line Stop Fittings w/Side Outlet - Class 150, 300 and 600

4" - 30" Split Sleeve Line Stop Fittings w/Side Outlet @ 100° F										
Size (in)	Size (mm)	Class 150 Max 285 psi @ 100°F Meets .4 DF Part Number	Weight (lbs)	Weight (kg)	Class 300 Max 740 psi @ 100°F Meets .4 DF Part Number	Weight (lbs)	Weight (kg)	Class 600 Max 1480 psi @ 100°F Meets .72 DF Part Number	Weight (lbs)	Weight (kg)
4	100	6313-1504-00	60	26	6313-3004-00	70	32	6313-6004-00	73	33
6	150	6313-1506-00	105	48	6313-3006-00	123	56	6313-6006-00	130	60
8	200	6313-1508-00	175	80	6313-3008-00	186	84	6313-6008-00	220	100
10	250	6313-1510-00	290	132	6313-3010-00	286	130	6313-6010-00	385	175
12	300	6313-1512-00	420	190	6313-3012-00	447	203	6313-6012-00	528	240
14	350	6313-1514-00	570	258	6313-3014-00	636	288	6313-6014-00	746	338
16	400	6313-1516-00	830	377	6313-3016-00	802	363	6313-6016-00	955	433
18	450	6313-1518-00	990	450	6313-3018-00	1018	462	6313-6018-00	1133	514
20	500	6313-1520-00	1340	608	6313-3020-00	1489	675	6313-6020-00	1579	716
22	550	6313-1522-00	1630	740	6313-3022-00	1630	740	6313-6022-00	2189	1000
24	600	6313-1524-00	1840	835	6313-3024-00	2355	1068	6313-6024-00	3110	1410
30	750	6313-1530-00	2670	1210	6313-3030-00	3385	1535	6313-6030-00	3976	1803



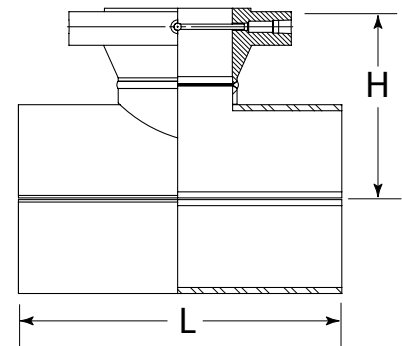
NOTE: Consult Dresser NGS for custom fitting sizes and specifications to meet your particular requirements.

Split Sleeve Line Stop Fittings w/Reducing Branch - Class 150, 300 and 600

All dimensions are approximate and given in inches

Line Stop w/Reducing Branch @ 100° F Meets .4 DF							
Size (in)	Weight (lbs)	Class 150 - Max 285 psi @ 100°F			Class 300 - Max 740 psi @ 100°F		
		Class 150 Part Number	Dim L. (in)	Dim H (in)	Class 300 Part Number	Dim L. (in)	Dim H (in)
6 x 4	60	5115-0604-00	10.75	8.50	5130-0604-00	10.75	9.00
8 x 4	70	5115-0804-00	10.75	9.50	5130-0804-00	10.75	10.00
10 x 6	130	5115-1006-00	14.00	11.25	5130-1006-00	14.00	11.25
12 x 6	175	5115-1206-00	14.00	12.25	5130-1206-00	14.00	12.75
14 x 8	220	5115-1408-00	16.50	13.50	5130-1408-00	16.50	13.75
16 x 12	320	5115-1612-00	22.00	15.00	5130-1612-00	22.00	15.50
20 x 12	530	5115-2012-00	22.00	17.00	5130-2012-00	22.00	17.50

Line Stop w/Reducing Branch - Class 600 - Max 1480 psi @ 100°F Meets .72 DF				
Size (in)	Weight (lbs)	Class 600 Part Number	Dim L. (in)	Dim H (in)
6 x 4	80	5160-0604-00	10.75	9.50
8 x 4	90	5160-0804-00	10.75	10.50
10 x 6	175	5160-1006-00	14.00	12.25
12 x 6	200	5160-1206-00	14.00	13.50
14 x 8	295	5160-1408-00	16.50	14.75
16 x 12	495	5160-1612-00	22.00	16.75
20 x 12	680	5160-2012-00	22.00	19.00



NOTE: Line stop reducing Branch Fittings are also available in other sizes. Consult Dresser NGS Customer Service for your particular requirements.

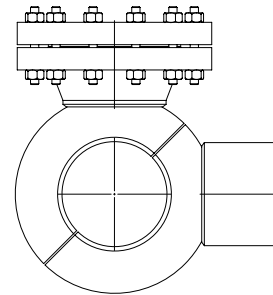
Blind flange kits (sold separately): 4" thru 12" nominal sizes includes blind flange, studs, nuts and non asbestos ring gasket.

Split Sleeve Line Stop Spherical Fittings - Class 150, 300 and 600

Line Stop Spherical for Sizes 4' - 30" @ 100 ° F					
Size (in)	Size (mm)	Weight (lbs)	Class 150 Max 285 psi @ 100°F Meets .4 DF Part Number	Class 300 Max 740 psi @ 100°F Meets .4 DF Part Number	Class 600 Max 1480 psi @ 100°F Meets .72 DF Part Number
4	100	100	6323-1504-00	6323-3004-00	6323-6004-00
6	150	150	6323-1506-00	6323-3006-00	6323-6006-00
8	200	200	6323-1508-00	6323-3008-00	6323-6008-00
10	250	250	6323-1510-00	6323-3010-00	6323-6010-00
12	300	300	6323-1512-00	6323-3012-00	6323-6012-00
14	350	350	6323-1514-00	6323-3014-00	6323-6014-00
16	400	400	6323-1516-00	6323-3016-00	6323-6016-00
18	450	450	6323-1518-00	6323-3018-00	6323-6018-00
20	500	500	6323-1520-00	6323-3020-00	6323-6020-00
22	550	550	6323-1522-00	6323-3022-00	6323-6022-00
24	600	600	6323-1524-00	6323-3024-00	6323-6024-00
30	650	750	6323-1530-00	6323-3030-00	6323-6030-00

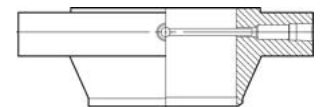
Line stop spherical fittings are offered in size-on-size design. Reducing size configurations and custom branch outlets are available upon request. Standard part numbers are designed to B31.8, 0.72 design factor. Other design codes available upon request.

Blind flange kits (sold separately): 4" thru 30" nominal sizes includes blind flange, studs, nuts and non-asbestos ring gasket.



Line Stop Flanges - Class 150, 300, 600 and 900¹

Line Stop Flanges for Sizes 4' - 30"							
Size (in)	Size (mm)	Class 150 Max 285 psi @ 100°F Part Number	Weight (lbs)	Class 300 Max 740 psi @ 100°F Part Number	Weight (lbs)	Class 600 Max 1480 psi @ 100°F Part Number	Weight (lbs)
4	100	6100-1504-00	16	6100-3004-00	21	6100-6004-00	40
6	150	6100-1506-00	25	6100-3006-00	41	6100-6006-00	77
8	200	6100-1508-00	40	6100-3008-00	70	6100-6008-00	113
10	250	6100-1510-00	56	6100-3010-00	94	6100-6010-00	185
12	300	6100-1512-00	86	6100-3012-00	140	6100-6012-00	224
14	350	6100-1514-00	111	6100-3014-00	190	6100-6014-00	334
16	400	6100-1516-00	141	6100-3016-00	250	6100-6016-00	462
18	450	6100-1518-00	153	6100-3018-00	305	6100-6018-00	531
20	500	6100-1520-00	188	6100-3020-00	380	6100-6020-00	678
22	550	6100-1522-00	230	6100-3022-00	460	6100-6022-00	820
24	600	6100-1524-00	270	6100-3024-00	540	6100-6024-00	959
26	650	6100-1526-00	300	6100-3026-00	670	6100-6026-00	1060
28	700	6100-1528-00	315	6100-3028-00	690	6100-6028-00	1140
30	750	6100-1530-00	360	6100-3030-00	880	6100-6030-00	1230
32	800	6100-1532-00	435	6100-3032-00	980	6100-6032-00	1425
34	850	6100-1534-00	465	6100-3034-00	1120	6100-6034-00	1480
36	900	6100-1536-00	520	6100-3036-00	1240	6100-6036-00	1750



¹ Contact Dresser NGS customer service for Class 900 details and specifications.

Line Stop Completion Plugs - Class 150, 300, 600 and 900¹

Line Stop Completion Plugs for Sizes 4" - 30"							
Size (in)	Size (mm)	Solid Part Number	Weight (lbs)	Scarfed Part Number	Weight (lbs)	Flow-Thru Part Number	Weight (lbs)
4	100	6200-6004-00	10	6202-6004-00	12	6201-6004-00	5
6	150	6200-6006-00	20	6202-6006-00	24	6201-6006-00	9
8	200	6200-6008-00	35	6202-6008-00	42	6201-6008-00	16
10	250	6200-6010-00	60	6202-6010-00	65	6201-6010-00	27
12	300	6200-6012-00	90	6202-6012-00	100	6201-6012-00	41
14	350	6200-6014-00	110	6202-6014-00	125	6201-6014-00	50
16	400	6200-6016-00	112	6202-6016-00	135	6201-6016-00	52
18	450	6200-6018-00	112	6202-6018-00	160	6201-6018-00	54
20	500	6200-6020-00	120	6202-6020-00	180	6201-6020-00	68
22	550	6200-6022-00	150	6202-6022-00	220	6201-6022-00	101
24	600	6200-6024-00	225	6202-6024-00	305	6201-6024-00	169
26	650	6200-6026-00	375	6202-6026-00	380	6201-6026-00	214
28	700	6200-6028-00	475	6202-6028-00	620	6201-6028-00	234
30	750	6200-6030-00	520	6202-6030-00	700	6201-6030-00	275
32	800	6200-6032-00	520	6202-6032-00	740	6201-6032-00	302
34	850	6200-6034-00	670	6202-6034-00	770	6201-6034-00	383
36	900	6200-6036-00	850	6202-6036-00	875	6201-6036-00	592

¹ Contact Dresser NGS customer service for Class 900 details and specifications.

** Scarfed nipple and flow through plugs are for standard size-on-size fittings - other configurations available on request

NOTE: Line stop completion plugs are also available from 40" thru 48" sizes upon request.

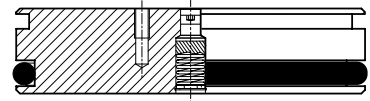


Purge & Equalization Fittings

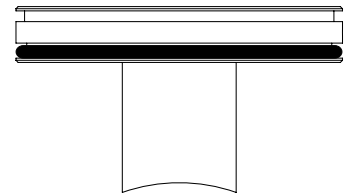
Purge & Equalization Fittings		
Size (in)	Weight (lbs)	Part Number
2	6.5	6600-6002-00
3	12.5	6600-6003-00



Flow-Thru Completion Plug



Solid Completion Plug



Scarfed nipple completion plug available for replacing coupon in tapped hole

Guide Bar Completion Plug for Size on Size Fittings

Guide Bar Completion Plug Class 150, 300, 600		
Size (in)	Part Number	Weight
4	6203-6004-00	11
6	6203-6006-00	22
8	6203-6008-00	37
10	6203-6010-00	62
12	6203-6012-00	93
14	6203-6014-00	114
16	6203-6016-00	116
18	6203-6018-00	117
20	6203-6020-00	125
22	6203-6022-00	155
24	6203-6024-00	230
26	6203-6026-00	381
28	6203-6028-00	480
30	6203-6030-00	523
32	6203-6032-00	616
34	6203-6034-00	677
36	6203-6036-00	857
38	6203-6038-00	1323
40	6203-6040-00	1788
42	6203-6042-00	1838
44	6203-6044-00	2345
46	6203-6046-00	3350
48	6203-6048-00	3860

LS-2 Sealing Cups

60 Series - Standard Wall Sealing Cups - 60 psi @ 100°F				
Size (in)	Part Number	Weight (lbs)	Min Pipe I.D. (in)	Max. Pipe I.D. (in)
2	7200-0002-00	.1	2.07	2.13
3	7200-0003-00	.2	3.07	3.19
4	7200-0004-00	.5	4.03	4.19
6	7200-0006-00	.8	6.07	6.31
8	7200-0008-00	1	7.98	8.28
10	7200-0010-00	2	10.02	10.37
12	7200-0012-00	3	11.94	12.37



60 Series - Thin Wall Sealing Cups - 60 psi @ 100°F				
Size (in)	Part Number	Weight (lbs)	Min Pipe I.D. (in)	Max. Pipe I.D. (in)
2	7200-0102-00	.1	2.13	2.16
3	7200-0103-00	.2	3.19	3.26
4	7200-0104-00	.5	4.19	4.26
6	7200-0106-00	.8	6.31	6.38
8	7200-0108-00	1	8.28	8.50
10	7200-0110-00	2	10.37	10.63
12	7200-0112-00	3	12.37	12.56

275 Series - 275 psi @ 100°F		
Size (in)	Part Number	Weight (lbs)
3	7227-0XXX-03	1
4	7227-0XXX-04	1
6	7227-0XXX-06	2
8	7227-0XXX-08	3
10	7227-0XXX-10	4
12	7227-0XXX-12	5

NOTE: Use thin wall sealing cups when pipe ID exceeds maximum ID for standard sealing cups.

Line Stop Sealing Cups

Line Stop Sealing Cups - 1,000 psi @ 100°F		
Size (in)	Part Number	Weight (lbs)
2	7263-0XXX-02	0.5
3	7263-0XXX-03	0.75
4	7263-0XXX-04	1
6	7263-0XXX-06	2
8	7263-0XXX-08	3
10	7263-0XXX-10	4
12	7263-0XXX-12	5
14	7263-0XXX-14	7
16	7263-0XXX-16	9
18	7263-0XXX-18	12
20	7263-0XXX-20	19
24	7263-0XXX-24	37

NOTE: Larger cup sizes available

Middle Four Characters of Part Number

NOTE: Middle four characters for sealing cup part numbers indicate rubber compound and wall thickness on all charts:

First character: gasket material

- 0 = Buna-N
- 1 = Viton® (Fluorocarbon)
- 2 = EPDM
- 3 = Viton GF

Next three numbers
Specify Wall Thickness
Example: 7263-0250-06
6" Buna-N with .250" wall

Buna-N - Maximum Temperature 212° F

Viton® (Fluorocarbon) - Maximum Temperature 350° F

EPDM - Maximum Temperature 300° F

HOT TAP AND LINE STOP PRODUCT QUESTIONNAIRE

Let us help you determine your line stop and hot tap product needs.

Copy and fill out the specification data form below and
Email to dps.custcare@dresserngs.com or Fax to: +1 800.362.9363

Company Name: _____

Contact Name: _____

Phone: _____ Fax: _____

Email: _____

Size of Fitting:

Run: _____ Branch: _____ Side Outlet: ___ Flange Class: _____

Design Code: B31.8 B31.4 B31.3 B31.1

Design Parameters

Design Pressure: _____ Design Temperature: _____

Design Factor: .72 .6 .5 .4 Other: _____

Pipeline Information:

Nominal Size: _____ Wall Thickness: _____ Material: _____ Product: _____

Corrosion Allowance: _____

Fitting Style: Line Stop Fitting Hot Tap Fitting Reducing Branch Split Tee Fitting

Backup Strip: No Yes

Fitting Type: Full Encirclement Split Sleeve
 Full Encirclement Split Sleeve w/Side Outlet
 Nozzle Type Fitting
 Spherical

Flange Type: Raised Face Weld Neck Line Stop Flange Ring Type Joint (RTJ)

Plug: Completion Plug
 Solid Completion Plug w/Scarfed Nipple
 Solid Completion Plug w/Guide Bars
 Flow-Thru Plug

O-Rings: Buna-N EPDM Viton B
(Std; Line Stop Flange Segment O-Ring - Viton,
Std; Line Stop Plug O-Ring - Buna)

Additional Comments/Requirements: _____

Dresser Pipeline Solutions

41 Fisher Avenue
Bradford, PA 16701
T: 814.362.9200
F: 814.362.9344

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Dresser Blackhawk HTLS Fittings NGS.DPS.008

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