



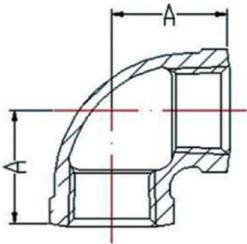
## **Malleable Iron Pipe Fittings**

### **Model: FISA1 - FISZA1**

- Temperature rating -20°C to 120°C maximum working pressure 25bar
- Temperature rating 120°C to 300°C maximum working pressure 20bar
- Hydrostatic Design test pressure 1/8 inch to 4-inch 100bar
- Hydrostatic Design test pressure 5 inch to 6-inch 64bar

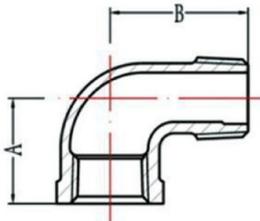
**Version 1.02**  
March 2026 release

## 90° Elbow, Equal Model: FISA1



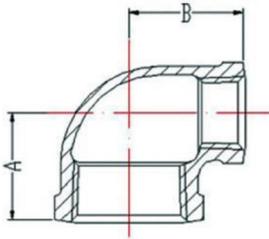
Part No	Size		A	Unit Weight		Packing Carton
	BSPT	DN	mm	Black	Galv.	Pcs/ctn
				g	g	
FISA101	1/8"	6	18	30.38	31	600
FISA102	1/4"	8	20	42.14	43	600
FISA103	3/8"	10	24	60.76	62	500
FISA104	1/2"	15	27	96.04	98	400
FISA105	3/4"	20	32	139.16	142	210
FISA106	1"	25	37	213.64	218	120
FISA107	1 1/4"	32	44.5	340.06	347	64
FISA108	1 1/2"	40	48.5	423.36	432	48
FISA109	2"	50	57	674.24	688	32
FISA110	2 1/2"	65	68.5	1068.2	1090	16
FISA111	3"	80	77.5	1489.6	1520	10
FISA112	4"	100	96.5	2700.88	2756	6
FISA113	6"	150	129	6089.72	6214	2

## 90° M&F Elbow, Equal Model: FISA4



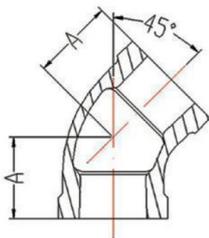
Part No	Size		A	B	Unit Weight		Packing Carton
	BSPT	DN	mm	mm	Black	Galv.	Pcs/ctn
					g	g	
FISA401	1/4"	8	20	28	37.24	38	600
FISA402	3/8"	10	25	33	54.88	56	500
FISA403	1/2"	15	28	38	87.22	89	300
FISA404	3/4"	20	33	44	132.3	135	180
FISA405	1"	25	38	52	204.82	209	104
FISA406	1 1/4"	32	45	60	339.08	346	60
FISA407	1 1/2"	40	50	65	434.14	443	52
FISA408	2"	50	58	74	701.68	716	26
FISA409	2 1/2"	65	69	90	1125.04	1148	12
FISA410	3"	80	77.5	100	1547.42	1579	10
FISA411	4"	100	96.5	120	2703.82	2759	6

## 90° Elbow, Reducing Model: FISRA1



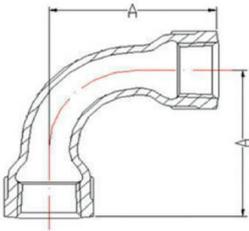
Part No	Size		A	B	Unit Weight		Packing Carton
	BSPT	DN	mm	mm	Black	Galv.	Pcs/ctn
					g	g	
FISRA101	1/2" x 3/8"	15 x 10	25	25	74.48	76	270
FISRA102	3/4" x 1/2"	20 x 15	29	30	122.5	125	270
FISRA103	1" x 3/8"	25 x 10	29	31	143.08	146	160
FISRA104	1" x 1/2"	25 x 15	31	33	161.7	165	160
FISRA105	1" x 3/4"	25 x 20	34	35	184.24	188	160
FISRA106	1-1/4" x 3/8"	32 x 10	31	36	213.64	218	100
FISRA107	1-1/4" x 1/2"	32 x 15	34	37	227.36	232	100
FISRA108	1-1/4" x 3/4"	32 x 20	36	40	252.84	258	100
FISRA109	1-1/4" x 1"	32 x 25	40	41	285.18	291	90
FISRA110	1-1/2" x 1/2"	40 x 15	35	41	266.56	272	90
FISRA111	1-1/2" x 3/4"	40 x 20	37	43	302.82	309	90
FISRA112	1-1/2" x 1"	40 x 25	41	45	342.02	349	70
FISRA113	1-1/2" x 1-1/4"	40 x 32	45	47	400.82	409	56
FISRA114	2" x 1/2"	50 x 15	37	47	398.86	407	68
FISRA115	2" x 3/4"	50 x 20	40	49	423.36	432	52
FISRA116	2" x 1"	50 x 25	43	51	476.28	486	50
FISRA117	2" x 1-1/4"	50 x 32	47	53	552.72	564	40
FISRA118	2" x 1-1/2"	50 x 40	51	54	588	600	30
FISRA119	2-1/2" x 1/2"	65 x 15	40.5	56	579.18	591	46
FISRA120	2-1/2" x 3/4"	65 x 20	43.5	57	613.48	626	40
FISRA121	2-1/2" x 1"	65 x 25	47.5	59	686	700	34
FISRA122	2-1/2" x 1-1/4"	65 x 32	51.5	61	732.06	747	30
FISRA123	2-1/2" x 1-1/2"	65 x 40	54.5	61	772.24	788	26
FISRA124	2-1/2" x 2"	65 x 50	59.5	64	904.54	923	24

## 45° Elbow Model: FISA1/45

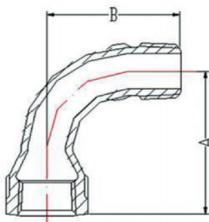


Part No	Size		A	Unit Weight		Packing Carton
	BSPT	DN	mm	Black	Galv.	Pcs/ctn
				g	Galv.	
FISA1-4501	3/8"	10	20	56.84	58	500
FISA1-4502	1/2"	15	22	91.14	93	400
FISA1-4503	3/4"	20	25	131.32	134	240
FISA1-4504	1"	25	28	196.98	201	140
FISA1-4505	1 1/4"	32	33	315.56	322	96
FISA1-4506	1 1/2"	40	36	392	400	72
FISA1-4507	2"	50	43	646.8	660	36

**90° Female Long Sweep Bend  
Model: FISG1**



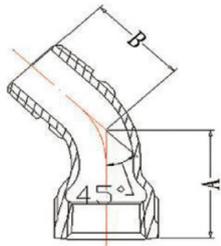
**90° M&F Long Sweep Bend  
Model: FISG4**



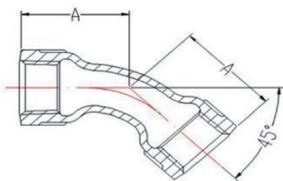
Part No	Size		A mm	Unit Weight		Packing Carton Pcs/ctn
	BSPT	DN		Black	Galv.	
			g	g		
FISG101	3/8"	10	48	87.22	89	400
FISG102	1/2"	15	55	142.1	145	220
FISG103	3/4"	20	69	223.44	228	120
FISG104	1"	25	85	372.4	380	70
FISG105	1-1/4"	32	105	607.6	620	40
FISG106	1-1/2"	40	116	807.52	824	20
FISG107	2"	50	140	1268.12	1294	12
FISG108	2-1/2"	65	176	2243.22	2289	8
FISG109	3"	80	205	3234	3300	6
FISG110	4"	100	260	6056.4	6180	2

Part No	Size		A mm	B mm	Unit Weight		Packing Carton Pcs/ctn
	BSPT	DN			Black	Galv.	
			g	g			
FISG401	3/8"	10	48	42	71.54	73	400
FISG402	1/2"	15	55	48	115.64	118	280
FISG403	3/4"	20	69	60	187.18	191	150
FISG404	1"	25	85	75	304.78	311	80
FISG405	1-1/4"	32	105	95	519.4	530	50
FISG406	1-1/2"	40	116	105	665.42	679	24
FISG407	2"	50	140	130	1123.08	1146	12
FISG408	2-1/2"	65	176	165	2067.8	2110	8
FISG409	3"	80	205	190	2955.68	3016	6
FISG410	4"	100	260	245	5396.86	5507	2

**45° M&F Short Sweep Bend  
Model: FISG4/45**



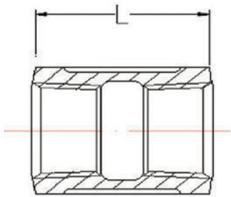
**45° Female Short Sweep Bends  
Model: FISD1**



Part No	Size		A	B	Unit Weight		Packing Carton
	BSPT	DN	mm	mm	Black	Galv.	
					g	g	Pcs/ctn
FISG4-4501	1/2"	15	36	30	87	88	180
FISG4-4502	3/4"	20	43	36	88	144	160
FISG4-4503	7"	25	51	42	89	224	80
FISG4-4504	1-1/4"	32	64	54	90	362	50
FISG4-4505	1-1/2"	40	68	58	91	450	24
FISG4-4506	2"	50	81	70	92	752	12
FISG4-4507	2-1/2"	65	99	86	93	1344	8
FISG4-4508	3"	80	113	100	94	1963	6

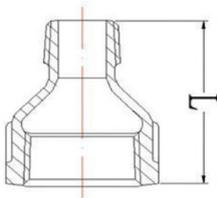
Part No	Size		A	Unit Weight		Packing Carton
	BSPT	DN	mm	Black	Galv.	
				g	g	Pcs/ctn
FISD101	2"	50	81	-	-	12

## Part Thread Socket Model: FISM2



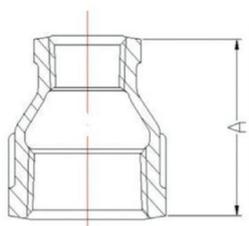
Part No	Size		L mm	Unit Weight		Packing Carton Pcs/ctn
	BSPT	DN		Black	Galv.	
			g	g		
FISM201	1/8"	6	23.5	-	-	-
FISM202	1/4"	8	26	36.26	37	800
FISM203	3/8"	10	29	46.06	47	700
FISM204	1/2"	15	35	80.36	82	450
FISM205	3/4"	20	38	113.68	116	300
FISM206	1"	25	44	176.4	180	180
FISM207	1 1/4"	32	49	264.6	270	120
FISM208	1 1/2"	40	53	319.48	326	72
FISM209	2"	50	63	543.9	555	48
FISM210	2 1/2"	65	72	825.16	842	32
FISM211	3"	80	77.5	1003.52	1024	24
FISM212	4"	100	91.5	1702.26	1737	10
FISM213	6"	150	118	3776.92	3854	4

## Socket Reducing, M&F Model: FISRM4



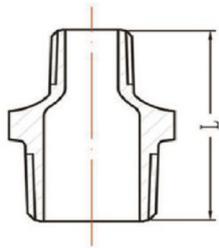
Part No	Size		L mm	Unit Weight		Packing Carton Pcs/ctn
	BSPT	DN		Black	Galv.	
			g	g		
FISRM401	3/4" x 1/2"	20 x 15	47	93.1	95	380
FISRM402	1" x 1/2"	25 x 15	54	132.3	135	180
FISRM403	1" x 3/4"	25 x 20	54	143.08	146	180
FISRM404	1-1/4" x 3/4"	32 x 20	59	202.86	207	120
FISRM405	1-1/4" x 1"	32 x 25	59	213.64	218	120
FISRM406	1-1/2" x 3/4"	40 x 20	62	252.84	258	80
FISRM407	1-1/2" x 1"	40 x 25	62	266.56	272	80
FISRM408	1-1/2" x 1-1/4"	40 x 32	62	288.12	294	80
FISRM409	2" x 1"	50 x 25	69	397.88	406	48
FISRM410	2" x 1-1/4"	50 x 32	69	425.32	434	48
FISRM411	2" x 1-1/2"	50 x 40	69	429.24	438	48

## Socket, Reducing Model: FISRM2



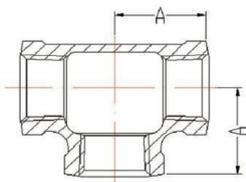
Part No	Size		A mm	Unit Weight		Packing Carton Pcs/ctn
	BSPT	DN		Black	Galv.	
			g	g		
FISRM201	3/8" x 1/4"	10 x 8	29	42	43	500
FISRM202	1/2" x 1/4"	15 x 8	35	66	67	500
FISRM203	1/2" x 3/8"	15 x 10	36	69	70	500
FISRM204	3/4" x 1/4"	20 x 8	38	86	88	360
FISRM205	3/4" x 3/8"	20 x 10	38	91	93	360
FISRM206	3/4" x 1/2"	20 x 15	38	105	107	360
FISRM207	1" x 1/4"	25 x 8	44	132	135	200
FISRM208	1" x 3/8"	25 x 10	44	128	131	200
FISRM209	1" x 1/2"	25 x 15	44	142	145	200
FISRM210	1" x 3/4"	25 x 20	44	150	153	200
FISRM211	1-1/4" x 1/2"	32 x 15	49	203	207	144
FISRM212	1-1/4" x 3/4"	32 x 20	49	214	218	144
FISRM213	1-1/4" x 1"	32 x 25	49	225	230	120
FISRM214	1-1/2" x 1/2"	40 x 15	53	247	252	140
FISRM215	1-1/2" x 3/4"	40 x 20	53	254	259	140
FISRM216	1-1/2" x 1"	40 x 25	53	277	283	120
FISRM217	1-1/2" x 1-1/4"	40 x 32	53	312	318	100
FISRM218	2" x 1/2"	50 x 15	63	392	400	80
FISRM219	2" x 3/4"	50 x 20	63	406	414	80
FISRM220	2" x 1"	50 x 25	63	414	422	72
FISRM221	2" x 1-1/4"	50 x 32	63	435	444	72
FISRM222	2" x 1-1/2"	50 x 40	63	475	485	48
FISRM223	2-1/2" x 1/2"	65 x 15	72	568	580	60
FISRM224	2-1/2" x 3/4"	65 x 20	72	578	590	60
FISRM225	2-1/2" x 1"	65 x 25	72	594	606	60
FISRM226	2-1/2" x 1-1/4"	65 x 32	72	614	627	60
FISRM227	2-1/2" x 1-1/2"	65 x 40	72	634	647	60
FISRM228	2-1/2" x 2"	65 x 50	72	713	728	40
FISRM229	3" x 1/2"	80 x 15	77.5	699	713	40
FISRM230	3" x 3/4"	80 x 20	77.5	735	750	40
FISRM231	3" x 1"	80 x 25	77.5	747	762	40
FISRM232	3" x 1-1/4"	80 x 32	77.5	764	780	40
FISRM233	3" x 1-1/2"	80 x 40	77.5	785	801	40
FISRM234	3" x 2"	80 x 50	77.5	839	856	36
FISRM235	3" x 2-1/2"	80 x 65	77.5	860	878	24
FISRM236	4" x 1/2"	100 x 15	91.5	1139	1162	20
FISRM237	4" x 3/4"	100 x 20	91.5	1223	1248	20
FISRM238	4" x 1"	100 x 25	91.5	1233	1258	20
FISRM239	4" x 1-1/4"	100 x 32	91.5	1279	1305	20
FISRM240	4" x 1-1/2"	100 x 40	91.5	1294	1320	20
FISRM241	4" x 2"	100 x 50	91.5	1326	1353	16
FISRM242	4" x 2-1/2"	100 x 65	91.5	1378	1406	14
FISRM243	4" x 3"	100 x 80	91.5	1438	1467	12

## Nipple, Reducing Model: FISRN8



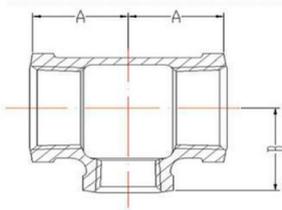
Part No	Size		L	S	Unit Weight		Packing Carton
	BSPT	DN	mm	mm	Black	Galv.	Pcs/ctn
					g	g	
FISRN801	1/2" x 1/4"	15 x 8	44	22	47.04	48	600
FISRN802	1/2" x 3/8"	15 x 10	44	22	59.78	61	600
FISRN803	3/4" x 1/2"	20 x 15	47	29.9	91.14	93	400
FISRN804	1" x 1/2"	25 x 15	53	35.8	115.64	118	260
FISRN805	1" x 3/4"	25 x 20	53	35.8	137.2	140	240
FISRN806	1-1/4" x 1/2"	32 x 15	57	45.6	177.38	181	160
FISRN807	1-1/4" x 3/4"	32 x 20	57	45.6	181.3	185	140
FISRN808	1-1/4" x 1"	32 x 25	57	45.6	192.08	196	140
FISRN809	1-1/2" x 1/2"	40 x 15	59	50.5	202.86	207	130
FISRN810	1-1/2" x 3/4"	40 x 20	59	50.5	207.76	212	130
FISRN811	1-1/2" x 1"	40 x 25	59	50.5	225.4	230	120
FISRN812	1-1/2" x 1-1/4"	40 x 32	59	50.5	235.2	240	100
FISRN813	2" x 1/2"	50 x 15	68	63.5	323.4	330	75
FISRN814	2" x 3/4"	50 x 20	68	63.5	334.18	341	72
FISRN815	2" x 1"	50 x 25	68	63.5	343	350	72
FISRN816	2" x 1-1/4"	50 x 32	68	63.5	352.8	360	72
FISRN817	2" x 1-1/2"	50 x 40	68	63.5	366.52	374	60
FISRN818	2-1/2" x 2"	65 x 50	73	79.4	-	-	-
FISRN819	3" x 2"	80 x 50	81	91.6	749.7	765	24
FISRN820	3" x 2-1/2"	80 x 65	81	91.6	-	-	-

## Tee, Equal Model: FISBI



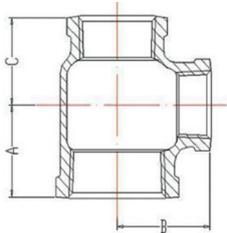
Part No	Size		A	Unit Weight		Packing Carton
	BSPT	DN	mm	Black	Galv.	Pcs/ctn
				g	g	
FISB101	1/8"	6	18	44.1	45	400
FISB102	1/4"	8	20	63.7	65	400
FISB103	3/8"	10	24	88.2	90	300
FISB104	1/2"	15	27	137.2	140	240
FISB105	3/4"	20	32	198.94	203	140
FISB106	1"	25	37	308.7	315	90
FISB107	1 1/4"	32	44.5	479.22	489	56
FISB108	1 1/2"	40	48.5	600.74	613	40
FISB109	2"	50	57	977.06	997	20
FISB110	2 1/2"	65	68.5	1520.96	1552	12
FISB111	3"	80	77.5	2045.26	2087	10
FISB112	4"	100	96.5	3589.74	3663	4
FISB113	6"	150	129	8157.52	8324	2

## Tee, Reducing Model: FISRB1-1



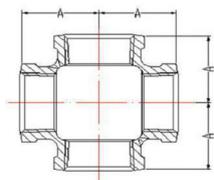
Part No	Size		A	B	Unit Weight		Packing Carton
	BSPT	DN	mm	mm	Black	Galv.	
					g	g	Pcs/ctn
FISRB1-101	3/4" x 1/2"	20 x 15	29	30	180.32	184	150
FISRB1-102	1" x 3/8"	25 x 10	29	31	225.4	230	100
FISRB1-103	1" x 1/2"	25 x 15	31	33	238.14	243	100
FISRB1-104	1" x 3/4"	25 x 20	34	35	261.66	267	100
FISRB1-105	1-1/4" x 3/8"	32 x 10	31	36	309.68	316	64
FISRB1-106	1-1/4" x 1/2"	32 x 15	34	37	341.04	348	64
FISRB1-107	1-1/4" x 3/4"	32 x 20	36	40	371.42	379	64
FISRB1-108	1-1/4" x 1"	32 x 25	40	41	407.68	416	64
FISRB1-109	1-1/2" x 1/2"	40 x 15	35	41	406.7	415	52
FISRB1-110	1-1/2" x 3/4"	40 x 20	37	43	427.28	436	52
FISRB1-111	1-1/2" x 1"	40 x 25	41	45	481.18	491	42
FISRB1-112	1-1/2" x 1-1/4"	40 x 32	45	47	557.62	569	42
FISRB1-113	2" x 1/2"	50 x 15	37	47	589.96	602	40
FISRB1-114	2" x 3/4"	50 x 20	40	49	642.88	656	40
FISRB1-115	2" x 1"	50 x 25	43	51	687.96	702	30
FISRB1-116	2" x 1-1/4"	50 x 32	47	53	750.68	766	30
FISRB1-117	2" x 1-1/2"	50 x 40	51	54	826.14	843	24
FISRB1-118	2-1/2" x 1/2"	65 x 15	40.5	56	887.88	906	24
FISRB1-119	2-1/2" x 3/4"	65 x 20	43.5	57	919.24	938	24
FISRB1-120	2-1/2" x 1"	65 x 25	47.5	59	1017.24	1038	20
FISRB1-121	2-1/2" x 1-1/4"	65 x 32	51.5	61	1075.06	1097	16
FISRB1-122	2-1/2" x 1-1/2"	65 x 40	54.5	61	1145.62	1169	16
FISRB1-123	2-1/2" x 2"	65 x 50	59.5	64	1294.58	1321	16
FISRB1-124	3" x 1/2"	80 x 15	42.5	64	1114.26	1137	12
FISRB1-125	3" x 3/4"	80 x 20	45.5	65	1174.04	1198	12
FISRB1-126	3" x 1"	80 x 25	49.5	67	1267.14	1293	12
FISRB1-127	3" x 1-1/4"	80 x 32	54.5	69	1342.6	1370	12
FISRB1-128	3" x 1-1/2"	80 x 40	57.5	71	1440.6	1470	12
FISRB1-129	3" x 2"	80 x 50	61.5	71	1589.56	1622	10
FISRB1-130	3" x 2-1/2"	80 x 65	71.5	74	1862	1900	10
FISRB1-131	4" x 1/2"	100 x 15	49.5	78	1915.9	1955	8
FISRB1-132	4" x 3/4"	100 x 20	53.5	79	2038.4	2080	8
FISRB1-133	4" x 1"	100 x 25	56.5	82	2100.14	2143	8
FISRB1-134	4" x 1-1/4"	100 x 32	60.5	85	2214.8	2260	6
FISRB1-135	4" x 1-1/2"	100 x 40	62.5	85	2303.98	2351	6
FISRB1-136	4" x 2"	100 x 50	68.5	86	2558.78	2611	6
FISRB1-137	4" x 2-1/2"	100 x 65	77.5	89	2799.86	2857	6
FISRB1-138	4" x 3"	100 x 80	82.5	90	3138.94	3203	6

## Tee, Reducing Model: FISRB1-2



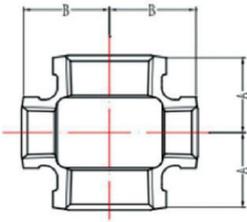
Part No	Size		A	B	C	Unit Weight		Packing Carton
	BSPT	DN	mm	mm	mm	Black	Galv.	
						g	g	Pcs/ctn
FISRB1-201	3/4" x 1/2" x 1/2"	20 x 15 x 15	29	30	27	159.74	163	120
FISRB1-202	1" x 1/2" x 3/4"	25 x 15 x 20	31	33	29	191.1	195	120
FISRB1-203	1" x 3/4" x 3/4"	25 x 20 x 20	34	35	32	157.78	161	120
FISRB1-204	1-1/4" x 1/2" x 1"	32 x 15 x 25	33	37	31	234.22	239	80
FISRB1-205	1-1/4" x 3/4" x 1"	32 x 20 x 25	36	40	34	287.14	293	60
FISRB1-206	1-1/4" x 1" x 1"	32 x 25 x 25	39	40	36	355.74	363	60
FISRB1-207	1-1/4" x 1-1/4" x 1"	32 x 32 x 25	44.5	44.5	41	406.7	415	40
FISRB1-208	1-1/2" x 1/2" x 1-1/4"	40 x 15 x 32	35	41	33	539.98	551	32
FISRB1-209	1-1/2" x 3/4" x 1-1/4"	40 x 20 x 32	37	43	36	514.5	525	36
FISRB1-210	1-1/2" x 1" x 1"	40 x 25 x 25	40	44	36	641.9	655	28
FISRB1-211	1-1/2" x 1" x 1-1/4"	40 x 25 x 32	41	45	40	711.48	726	20
FISRB1-212	1-1/2" x 1-1/4" x 1"	40 x 32 x 25	45	47	41	897.06	897	16
FISRB1-213	1-1/2" x 1-1/4" x 1-1/4"	40 x 32 x 32	45	47	44.5	1056.44	1078	12
FISRB1-214	1-1/2" x 1-1/2" x 1"	40 x 40 x 25	48.5	48.5	45	1025.08	1045	16
FISRB1-215	1-1/2" x 2" x 1-1/4"	40 x 50 x 32	54	51	53	1336.72	1364	10
FISRB1-216	2" x 1/2" x 1-1/2"	50 x 15 x 40	37	47	35	1622.88	1656	10
FISRB1-217	2" x 3/4" x 1-1/2"	50 x 20 x 40	40	49	37	2530.36	2582	6
FISRB1-218	2" x 1" x 1-1/4"	50 x 25 x 32	43	51	40	299.88	306	64
FISRB1-219	2" x 1" x 1-1/2"	50 x 25 x 40	42	49	40	344.96	352	68
FISRB1-220	2" x 1-1/4" x 1-1/4"	50 x 32 x 32	47	53	44.5	392	400	60
FISRB1-221	2" x 1-1/4" x 1-1/2"	50 x 32 x 40	47	53	45	491.96	502	40
FISRB1-222	2" x 1-1/2" x 1"	50 x 40 x 25	51	54	45	377.3	385	42
FISRB1-223	2" x 1-1/2" x 1-1/2"	50 x 40 x 40	51	54	48.5	406.7	415	40

## Cross Female Model: FISC1



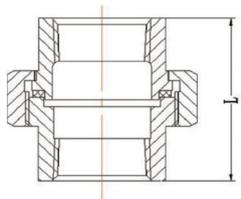
Part No	Size		A	Unit Weight		Packing Carton
	BSPT	DN	mm	Black	Galv.	
				g	g	Pcs/ctn
FISC101	1/2"	15	27	167	170	180
FISC102	3/4"	20	32	246	251	96
FISC103	1"	25	37	380	388	72
FISC104	1 1/4"	32	44.5	576	588	36
FISC105	1 1/2"	40	48.5	712	727	30
FISC106	2"	50	57	1147	1170	12
FISC107	2 1/2"	65	68.5	1740	1776	10
FISC108	3"	80	77.5	2478	2529	6
FISC109	4"	100	96.5	4211	4297	2

## Cross, Female, Reducing Model: FISRC1



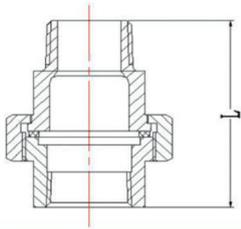
Part No	Size		A	B	Unit Weight		Packing Carton
	BSPT	DN	mm	mm	Black	Galv.	
					g	g	Pcs/ctn
FISRC101	3/4" x 1/2"	20 x 15	29	30	199	203	120
FISRC102	1" x 1/2"	25 x 15	31	33	261	266	96
FISRC103	1" x 3/4"	25 x 20	34	35	310	316	80
FISRC104	1-1/4" x 1/2"	32 x 15	34	37	365	372	64
FISRC105	1-1/4" x 3/4"	32 x 20	36	40	407	415	60
FISRC106	1-1/4" x 1"	32 x 25	40	41	460	469	56
FISRC107	1-1/2" x 1/2"	40 x 15	35	41	414	422	52
FISRC108	1-1/2" x 3/4"	40 x 20	37	43	473	483	52
FISRC109	1-1/2" x 1"	40 x 25	41	45	522	533	42

## Union, Flat Seat Model: FISU1



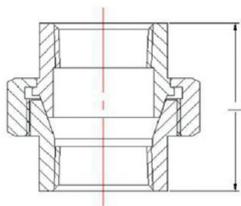
Part No	Size		L	Unit Weight		Packing Carton
	BSPT	DN	mm	Black	Galv.	
				g	g	Pcs/ctn
FISU101	3/8"	10	39	156.8	160	280
FISU102	1/2"	15	46	200.9	205	180
FISU103	3/4"	20	50	265.58	271	120
FISU104	1"	25	56	392	400	88
FISU105	1-1/4"	32	63	583.1	595	56
FISU106	1-1/2"	40	68	733.04	748	36
FISU107	2"	50	76	1056.44	1078	28
FISU108	2-1/2"	65	83	1675.8	1710	12
FISU109	3"	80	93	2175.6	2220	10
FISU110	4"	100	113.5	3724	3800	6

## Union, Flat Seat, M&F Model: FISU2



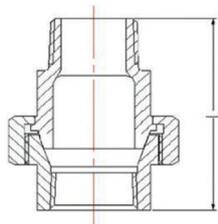
Part No	Size		L mm	Unit Weight		Packing Carton Pcs/ctn
	BSPT	DN		Black	Galv.	
			g	g		
FISU201	1/2"	15	64	219.52	224	140
FISU202	3/4"	20	70	275.38	281	120
FISU203	1"	25	78	423.36	432	80
FISU204	1-1/4"	32	88	661.5	675	40
FISU205	1-1/2"	40	93	784	800	32
FISU206	2"	50	104	1200.5	1225	20

## Union, Taper Seat Model: FISU3



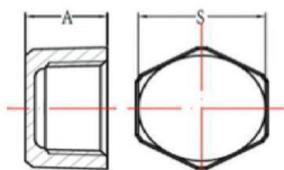
Part No	Size		L mm	Unit Weight		Packing Carton Pcs/ctn
	BSPT	DN		Black	Galv.	
			g	g		
FISU301	1/4"	8	42	103.88	106	200
FISU302	3/8"	10	45	152.88	156	200
FISU303	1/2"	15	47	164.64	168	180
FISU304	3/4"	20	51.5	251.86	257	120
FISU305	1"	25	57	330.26	337	88
FISU306	1-1/4"	32	65	560.56	572	56
FISU307	1-1/2"	40	71	703.64	718	36
FISU308	2"	50	79	1023.12	1044	28
FISU309	2-1/2"	65	85.5	1615.04	1648	12
FISU310	3"	80	94.5	2242.24	2288	10
FISU311	4"	100	110.5	3615.22	3689	6

## Union, Taper Seat, M&F Model: FISU4



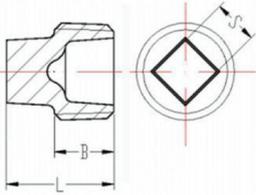
Part No	Size		L mm	Unit Weight		Packing Carton Pcs/ctn
	BSPT	DN		Black	Galv.	
			g	g		
FISU201	1/2"	15	65	196	200	140
FISU202	3/4"	20	71.5	289.1	295	120
FISU203	1"	25	79	392	400	80
FISU204	1-1/4"	32	90	635.04	648	40
FISU205	1-1/2"	40	96	801.64	818	32
FISU206	2"	50	107	1149.54	1173	20

## Cap Model: FISTI



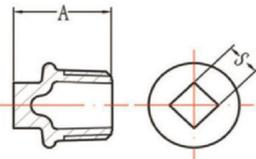
Part No	Size		A mm	S mm	Unit Weight		Packing Carton Pcs/ctn
	BSPT	DN			Black	Galv.	
			g	g			
FISTI01	3/8"	10	17	20.6	29.4	30	1200
FISTI02	1/2"	15	19	24.6	44.1	45	700
FISTI03	3/4"	20	22	30.4	68.6	70	500
FISTI04	1"	25	24	37.2	106.82	109	360
FISTI05	1-1/4"	32	27	47	180.32	184	220
FISTI06	1-1/2"	40	28	53	223.44	228	160
FISTI07	2"	50	32	65	349.86	357	100

## Plain Plug Model: FIST8



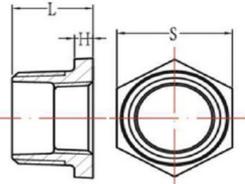
Part No	Size		L	B	S	Unit Weight		Packing Carton
	BSPT	DN	mm	mm	mm	Black	Galv.	
						g	g	Pcs/ctn
FIST801	1/4"	8	15.5	10	6	8.82	9	2400
FIST802	3/8"	10	17	10	7	15.68	16	2200
FIST803	1/2"	15	22.5	13	10	24.5	25	1400
FIST804	3/4"	20	24	14	12	36.26	37	800
FIST805	1"	25	27	16.5	15	57.82	59	500
FIST806	1-1/4"	32	30	20	18	103.88	106	300
FIST807	1-1/2"	40	31	21	22	140.14	143	200
FIST808	2"	50	36	25	26	230.3	235	120
FIST809	2-1/2"	65	40.5	27	30	348.88	356	72
FIST810	3"	80	45.5	29.5	34	512.54	523	64
FIST811	4"	100	58.5	38	44	978.04	998	36

## Beaded Plug Model: FIST9



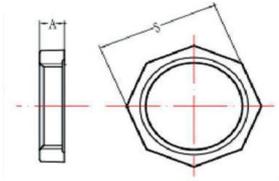
Part No	Size		A	S	Unit Weight		Packing Carton
	BSPT	DN	mm	mm	Black	Galv.	
					g	g	Pcs/ctn
FIST901	1/4"	8	22.5	6	17.64	18	2000
FIST902	3/8"	10	25	7	29.4	30	1300
FIST903	1/2"	15	28	10	35.28	36	900
FIST904	3/4"	20	32	12	55.86	57	600
FIST905	1"	25	36	16	93.1	95	300
FIST906	1-1/4"	32	38.5	20	148.96	152	220
FIST907	1-1/4"	40	41	22	177.38	181	150
FIST908	2"	50	47	28	293.02	299	80
FIST909	2-1/2"	65	53	30	512.54	523	64
FIST910	3"	80	58	34	748.72	764	36
FIST911	4"	100	72	44	1097.6	1120	28

# Bushing Model: FISN4



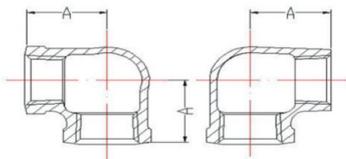
Part No	Size		L	S	H	Unit Weight		Packing Carton
	BSPT	DN	mm	mm	mm	Black	Galv.	
						g	g	Pcs/ctn
FISN401	1/4" x 1/8"	8 x 6	18.5	16.8	6	14.7	15	1800
FISN402	3/8" x 1/8"	10 x 6	18	20	6	22.54	23	1500
FISN403	3/8" x 1/4"	10 x 8	18.5	18.4	6	18.62	19	1800
FISN404	3/4" x 3/8"	15 x 8	22.5	22	6	61.74	63	500
FISN405	3/4" x 1/4"	15 x 10	22.5	22	6	66.64	68	600
FISN406	1/2" x 3/8"	20 x 8	24.5	29.6	6	32.34	33	960
FISN407	1/2" x 1/4"	20 x 10	24.5	29.6	6	38.22	39	900
FISN408	3/4" x 1/2"	20 x 15	24.5	29.6	6	50.96	52	600
FISN409	1" x 1/4"	25 x 8	28	37.4	6.5	105.84	108	300
FISN410	1" x 3/8"	25 x 10	28	37.4	6.5	111.72	114	300
FISN411	1" x 1/2"	25 x 15	28	37.4	6.5	97.02	99	300
FISN412	1" x 3/4"	25 x 20	28	37.4	6.5	81.34	83	300
FISN413	1-1/4" x 1/2"	32 x 15	30	45.6	7	167.58	171	200
FISN414	1-1/4" x 3/4"	32 x 20	30	45.6	7	151.9	155	200
FISN415	1-1/4" x 1"	32 x 25	30	45.6	7	126.42	129	200
FISN416	1-1/2" x 1/2"	40 x 15	30	50	7.5	197.96	202	160
FISN417	1-1/2" x 3/4"	40 x 20	30	50	7.5	207.76	212	160
FISN418	1-1/2" x 1"	40 x 25	30	50	7.5	182.28	186	160
FISN419	1-1/2" x 1-1/4"	40 x 32	30	50	7.5	123.48	126	160
FISN420	2" x 1/2"	50 x 15	33	64.1	8.5	289.1	295	96
FISN421	2" x 3/4"	50 x 20	33	64.1	8.5	298.9	305	96
FISN422	2" x 1"	50 x 25	33	64.1	8.5	342.02	349	96
FISN423	2" x 1-1/4"	50 x 32	33	64.1	8.5	302.82	309	96
FISN424	2" x 1-1/2"	50 x 40	33	64.1	8.5	255.78	261	96
FISN425	2-1/2" x 1/2"	65 x 15	39	79.6	9	441	450	68
FISN426	2-1/2" x 3/4"	65 x 20	39	79.6	9	456.68	466	68
FISN427	2-1/2" x 1"	65 x 25	39	79.6	9	448.84	458	68
FISN428	2-1/2" x 1-1/4"	65 x 32	39	79.6	9	512.54	523	68
FISN429	2-1/2" x 1-1/2"	65 x 40	39	79.6	9	519.4	530	68
FISN430	2-1/2" x 2"	65 x 50	39	79.6	9	446.88	456	68
FISN431	3" x 1/2"	80 x 15	42	93	10	633.08	646	36
FISN432	3" x 3/4"	80 x 20	42	93	10	632.1	645	36
FISN433	3" x 1"	80 x 25	42	93	10	650.72	664	36
FISN434	3" x 1-1/4"	80 x 32	42	93	10	637.98	651	36
FISN435	3" x 1-1/2"	80 x 40	42	93	10	694.82	709	36
FISN436	3" x 2"	80 x 50	42	93	10	773.22	789	36
FISN437	3" x 2-1/2"	80 x 65	42	93	10	556.64	568	36
FISN438	4" x 1/2"	100 x 15	49	118.4	11	1070.16	1092	18
FISN439	4" x 3/4"	100 x 20	49	118.4	11	1085.84	1108	18
FISN440	4" x 1"	100 x 25	49	118.4	11	1078.98	1101	18
FISN441	4" x 1-1/4"	100 x 32	49	118.4	11	1126.02	1149	18
FISN442	4" x 1-1/2"	700 x 40	49	118.4	11	1097.6	1120	18
FISN443	4" x 2"	100 x 50	49	118.4	11	1121.12	1144	18
FISN444	4" x 2-1/2"	100 x 65	49	118.4	11	1350.44	1378	18
FISN445	4" x 3"	100 x 80	49	118.4	11	1203.44	1228	18

**Backnut**  
**Model: FISP4**



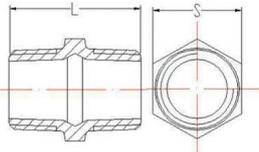
Part No	Size		A	S	Unit Weight		Packing Carton
	BSPT	DN	mm	mm	Black	Galv.	
					g	g	Pcs/ctn
FISP401	1/2"	15	9	29	28.42	29	700
FISP402	3/4"	20	10	36	44.1	45	500
FISP403	1"	25	11	45	75.46	77	400
FISP404	1-1/4"	32	11	56	99.96	102	300
FISP405	1-1/2"	40	12	63	135.24	138	240
FISP406	2"	50	13	77	205.8	210	160
FISP407	2-1/2"	65	15	93	298.9	305	60
FISP408	3"	80	18	109	495.88	506	50

**Side Outlet Elbow**  
**Model: FISZA1**



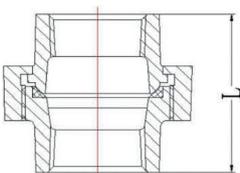
Part No	Size		A	Unit Weight		Packing Carton
	BSPT	DN	mm	Black	Galv.	
				g	g	Pcs/ctn
FISZA101	1/2"	15	27	125.4	128	240
FISZA102	3/4"	20	32	196	200	140
FISZA103	1"	25	37	-	-	-

## Hexagon Nipple Model: FISN8



Code	Size		L mm	S mm	Unit Weight		Packing Carton Pcs/ctn
	BSPT	DN			Black	Galv.	
			g	g			
FISN801	1/4"	8	36	16.7	29.4	30	1000
FISN802	3/8"	10	36	19.8	30.38	31	1000
FISN803	1/2"	15	44	23.6	55.86	57	600
FISN804	3/4"	20	47	29.2	84.28	86	300
FISN805	1"	25	53	36	134.26	137	200
FISN806	1-1/4"	32	56	45	186.2	190	140
FISN807	1-1/2"	40	58	51	227.36	232	104
FISN808	2"	50	68	63	365.54	373	56
FISN809	2-1/2"	65	73	79.4	543.9	555	36
FISN8010	3"	80	81	91.6	768.32	784	24
FISN8011	4"	100	95	117	1237.74	1263	12

## Brass Unions, Taper Seat Model: FISU5



Code	Size		L mm	Unit Weight		Packing Carton Pcs/ctn
	BSPT	DN		Black	Galv.	
			g	g		
FISU501	1/4"	8	42	104.86	107	200
FISU502	3/8"	10	45	143.08	146	200
FISU503	1/2"	15	47	168.56	172	180
FISU504	3/4"	20	51	256.76	262	120
FISU505	1"	25	56.5	333.2	340	88
FISU506	1-1/4"	32	64	583.1	595	56
FISU507	1-1/2"	40	70	731.08	746	36
FISU508	2"	50	78.5	1058.4	1080	28
FISU509	2-1/2"	65	84.5	1804.18	1841	12
FISU5010	3"	80	94	2314.76	2362	10
FISU5011	4"	100	110	3731.84	3808	6

**rhinotek** 

Gate 2, Aljada Logistics Area,  
Behind Arada Project Management  
Office, Near Airport Road,  
Muweilah, 22436, Sharjah

[rhinotek.ae](http://rhinotek.ae)

