



ALWZARA ARABIA COMMERCE EST.

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THE GUIDE TO PRODUCTS

Alwzara Arabia Commerce Est.

7 ADVANTAGES OF THE PRODUCT

PART 1

Improve the mechanical properties

Compare with the EN 10242 standard, JIANZHI malleable iron pipe fitting have higher performance.

For the JIANZHI "KTH-350-10" level products, The tensile strength can catch 350mPa, 17% higher than EN 10242 standard (300mPa)

The elongation can catch 10%, 67% higher than EN 10242 standard (6%)

PART 2

Good appearance quality

The raw material is first grade of washed out sand to ensure that the surface finish, also has introduced the most advanced automatic sand mixing system and advanced testing instruments to ensure the quality.

PART 3

Pipe thread has strict requirements in accuracy

JIANZHI keep the axis angle of thread in $\pm 0.3^\circ$, 40% higher than the EN10242 standard ($\pm 0.5^\circ$)

PART 4

Strict control the pipe thread shaft angle

According to the EN 10242 standard, the tolerance for thread is $\pm 1-1/4$ turns.

JIANZHI keep the thread tolerance in ± 1 turns.

PART 6

Good air-tightness

0.6MPa air tightness test all products, safer, no leak.

PART 5

High inspection costs to ensure the quality of each product.

JIANZHI develops strict QC rules, exam all products one by one. Keep the qualified rate above 99.5%.

PART 7

Install inexpensive

Easy for installation, reduce assembly time.

MALLEABLE IRON PIPE FITTINGS GALVANIZED & BLACK



		Pressure /Temperature Ratings	
		Temp F°	PSI
Material:	EN1562 Or ISO5922	-20 to 150	363
Design & Dimensions:	EN10242 Or ISO49	200	265
Threads:	EN10226 Or ISO7-1	250	225
Tensile Strength:	350 MPA	300	185
Elongation:	10%	350	150
Zinc Coating:	70μm	366	150
Working Pressure:	363 PSI	400	110
Size Available	1/8"-6"	450	75
Types	Heavy Duty Banded, Medium Duty Banded, Light Duty Beaded		
Surface Treatment	Hot-dip Galvanized, Electrogalvanization, Black		

APPLICATION



Gas



Fire Pipes



Water supply pipeline



Heating pipe



Oil pipeline



System water pipeline



Building gas pipeline



Water treatment



Fig.90

90° Elbow, Equal



Code	Size		A mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
JZ9006	1/8"	6	18	30.38	31	600
JZ9008	1/4"	8	20	42.14	43	600
JZ9010	3/8"	10	24	60.76	62	500
JZ9015	1/2"	15	27	96.04	98	400
JZ9020	3/4"	20	32	139.16	142	210
JZ9025	1"	25	37	213.64	218	120
JZ9032	1-1/4"	32	44.5	340.06	347	64
JZ9040	1-1/2"	40	48.5	423.36	432	48
JZ9050	2"	50	57	674.24	688	32
JZ9065	2-1/2"	65	68.5	1068.2	1090	16
JZ9080	3"	80	77.5	1489.6	1520	10
JZ90100	4"	100	96.5	2700.88	2756	6
JZ90150	6"	150	129	6089.72	6214	2

Fig.92

90° M&F Elbow, Equal



Code	Size		A mm	B mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black g	Galv. g	
JZ9208	1/4"	8	20	28	37.24	38	600
JZ9210	3/8"	10	25	33	54.88	56	500
JZ9215	1/2"	15	28	38	87.22	89	300
JZ9220	3/4"	20	33	44	132.3	135	180
JZ9225	1"	25	38	52	204.82	209	104
JZ9232	1-1/4"	32	45	60	339.08	346	60
JZ9240	1-1/2"	40	50	65	434.14	443	52
JZ9250	2"	50	58	74	701.68	716	26
JZ9265	2-1/2"	65	69	90	1125.04	1148	12
JZ9280	3"	80	77.5	100	1547.42	1579	10
JZ92100	4"	100	96.5	120	2703.82	2759	6

Fig.90R

90 Degree Elbow, Reducing



Code	Size		A mm	B mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black g	Galv. g	
JZ90R1510	1/2" x 3/8"	15x10	25	25	74.48	76	270
JZ90R2015	3/4" x 1/2"	20x15	29	30	122.5	125	270
JZ90R2510	1" x 3/8"	25x10	29	31	143.08	146	160
JZ90R2515	1" x 1/2"	25x15	31	33	161.7	165	160
JZ90R2520	1" x 3/4"	25x20	34	35	184.24	188	160
JZ90R3210	1-1/4" x 1/2"	32x10	31	36	213.64	218	100
JZ90R3215	1-1/4" x 1/2"	32x15	34	37	227.36	232	100
JZ90R3220	1-1/4" x 3/4"	32x20	36	40	252.84	258	100
JZ90R3225	1-1/4" x 1"	32x25	40	41	285.18	291	90
JZ90R4015	1-1/2" x 1/2"	40x15	35	41	266.56	272	90
JZ90R4020	1-1/2" x 3/4"	40x20	37	43	302.82	309	90
JZ90R4025	1-1/2" x 1"	40x25	41	45	342.02	349	70
JZ90R4032	1-1/2" x 1-1/4"	40x32	45	47	400.82	409	56
JZ90R5015	2" x 1/2"	50x15	37	47	398.86	407	68
JZ90R5020	2" x 3/4"	50x20	40	49	423.36	432	52
JZ90R5025	2" x 1"	50x25	43	51	476.28	486	50
JZ90R5032	2" x 1-1/4"	50x32	47	53	552.72	564	40
JZ90R5040	2" x 1-1/2"	50x40	51	54	588	600	30
JZ90R6515	2-1/2" x 1/2"	65x15	40.5	56	579.18	591	46
JZ90R6520	2-1/2" x 3/4"	65x20	43.5	57	613.48	626	40
JZ90R6525	2-1/2" x 1"	65x25	47.5	59	686	700	34
JZ90R6532	2-1/2" x 1-1/4"	65x32	51.5	61	732.06	747	30
JZ90R6540	2-1/2" x 1-1/2"	65x40	54.5	61	772.24	788	26
JZ90R6550	2-1/2" x 2"	65x50	59.5	64	904.54	923	24
JZ90R8015	3" x 1/2"	80x15	42.5	64	735.98	751	36
JZ90R8020	3" x 3/4"	80x20	45.5	65	770.28	786	30
JZ90R8025	3" x 1"	80x25	49.5	67	830.06	847	20
JZ90R8032	3" x 1-1/4"	80x32	54.5	69	931.98	951	20
JZ90R8040	3" x 1-1/2"	80x40	57.5	71	952.56	972	20
JZ90R8050	3" x 2"	80x50	61.5	71	1166.2	1190	12
JZ90R8065	3" x 2-1/2"	80x65	71.5	74	1319.08	1346	12
JZ90R10015	4" x 1/2"	100x15	49.5	78	1311.24	1338	14
JZ90R10020	4" x 3/4"	100x20	53.5	79	1326.92	1354	14
JZ90R10025	4" x 1"	100x25	56.5	82	1405.32	1434	14
JZ90R10032	4" x 1-1/4"	100x32	60.5	85	1550.36	1582	14
JZ90R10040	4" x 1-1/2"	100x40	62.5	85	1621.9	1655	10
JZ90R10050	4" x 2"	100x50	68.5	86	1711.08	1746	10
JZ90R10065	4" x 2-1/2"	100x65	77.5	89	1957.06	1997	8
JZ90R10080	4" x 3"	100x80	82.5	90	2164.82	2209	8

Fig.120

45°Elbow



Code	Size		A mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
JZ12008	1/4"	8	18	46.06	47	500
JZ12010	3/8"	10	20	56.84	58	500
JZ12015	1/2"	15	22	91.14	93	400
JZ12020	3/4"	20	25	131.32	134	240
JZ12025	1"	25	28	196.98	201	140
JZ12032	1-1/4"	32	33	315.56	322	96
JZ12040	1-1/2"	40	36	392	400	72
JZ12050	2"	50	43	646.8	660	36
JZ12065	2-1/2"	65	48.5	933.94	953	20
JZ12080	3"	80	53.5	1274	1300	12
JZ120100	4"	100	64.5	2164.82	2209	6
JZ120150	6"	150	129	4738.3	4835	4

Fig.1

90 Degree M&F Long Sweep Bends



Code	Size		A mm	B mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black g	Galv. g	
JZ110	3/8"	10	48	42	71.54	73	400
JZ115	1/2"	15	55	48	115.64	118	280
JZ120	3/4"	20	69	60	187.18	191	150
JZ125	1"	25	85	75	304.78	311	80
JZ132	1-1/4"	32	105	95	519.4	530	50
JZ140	1-1/2"	40	116	105	665.42	679	24
JZ150	2"	50	140	130	1123.08	1146	12
JZ165	2-1/2"	65	176	165	2067.8	2110	8
JZ180	3"	80	205	190	2955.68	3016	6
JZ1100	4"	100	260	245	5396.86	5507	2

Fig.2

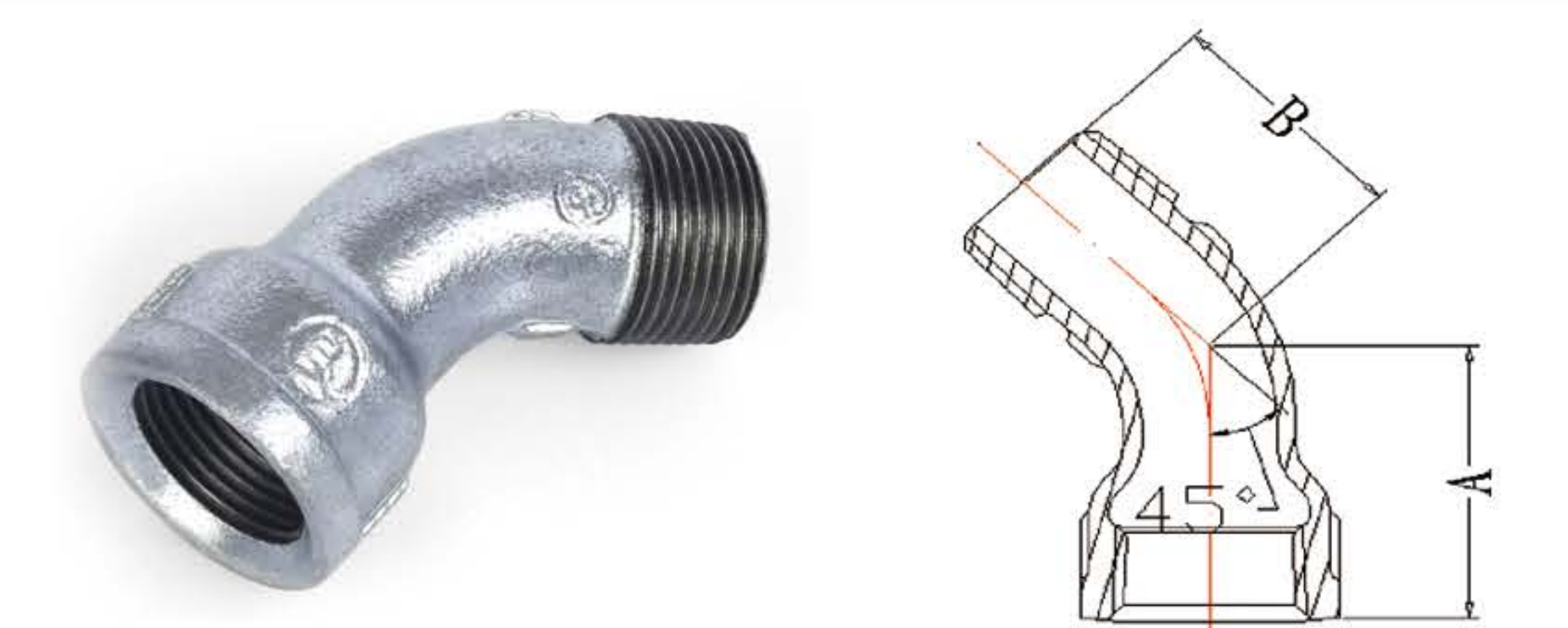
90 Degree Female Long Sweep Bends



Code	Size		A mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
JZ210	3/8"	10	48	87.22	89	400
JZ215	1/2"	15	55	142.1	145	220
JZ220	3/4"	20	69	223.44	228	120
JZ225	1"	25	85	372.4	380	70
JZ232	1-1/4"	32	105	607.6	620	40
JZ240	1-1/2"	40	116	807.52	824	20
JZ250	2"	50	140	1268.12	1294	12
JZ265	2-1/2"	65	176	2243.22	2289	8
JZ280	3"	80	205	3234	3300	6
JZ2100	4"	100	260	6056.4	6180	2

Fig.40

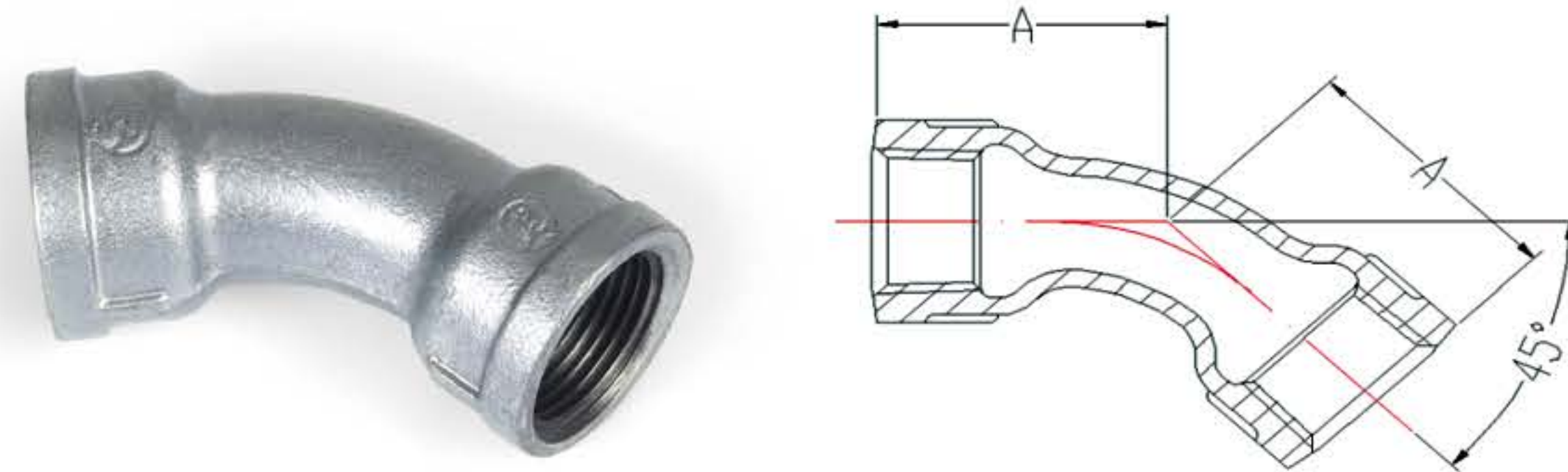
45 Degree M&F Long Sweep Bends



Code	Size		A mm	B mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black g	Galv. g	
JZ4015	1/2"	15	36	30	87	88	180
JZ4020	3/4"	20	43	36	88	144	160
JZ4025	1"	25	51	42	89	224	80
JZ4032	1-1/4"	32	64	54	90	362	50
JZ4040	1-1/2"	40	68	58	91	450	24
JZ4050	2"	50	81	70	92	752	12
JZ4065	2-1/2"	65	99	86	93	1344	8
JZ4080	3"	80	113	100	94	1963	6
JZ40100	4"	100	142	126			2

Fig.41

45 Degree Female Long Sweep Bends



Code	Size		A	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
			mm			
JZ4115	1/2"	15	36	119.56	122	180
JZ4120	3/4"	20	43	180.32	184	160
JZ4125	1"	25	51	286.16	292	80
JZ4132	1-1/4"	32	64	461.58	471	50
JZ4140	1-1/2"	40	68			24
JZ4150	2"	50	81			12
JZ4165	2-1/2"	65	99			8
JZ4180	3"	80	113			6
JZ41100	4"	100	142			2

Fig.220

Part Thread Sockets



Code	Size		L	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
			mm			
JZ22006	1/8"	6	23.5	/	/	/
JZ22008	1/4"	8	26	36.26	37	800
JZ22010	3/8"	10	29	46.06	47	700
JZ22015	1/2"	15	35	80.36	82	450
JZ22020	3/4"	20	38	113.68	116	300
JZ22025	1"	25	44	176.4	180	180
JZ22032	1-1/4"	32	49	264.6	270	120
JZ22040	1-1/2"	40	53	319.48	326	72
JZ22050	2"	50	63	543.9	555	48
JZ22065	2-1/2"	65	72	825.16	842	32
JZ22080	3"	80	77.5	1003.52	1024	24
JZ220100	4"	100	91.5	1702.26	1737	10
JZ220150	6"	150	118	3776.92	3854	4

Fig.270

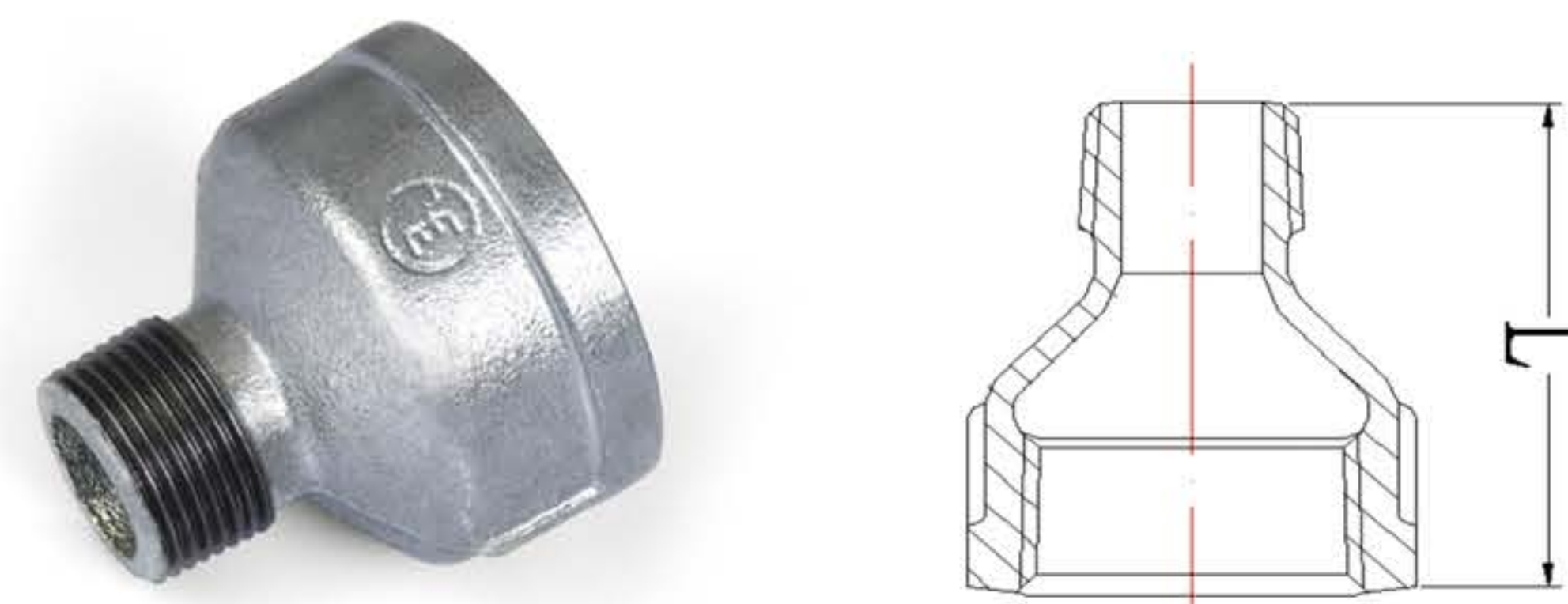
Entire Thread Sockets



Code	Size		A	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
			mm			
JZ27008	1/4"	8	26	38.22	39	800
JZ27010	3/8"	10	29	48.02	49	700
JZ27015	1/2"	15	35	82.32	84	450
JZ27020	3/4"	20	38	115.64	118	300
JZ27025	1"	25	44	178.36	182	180
JZ27032	1-1/4"	32	49	263.62	269	120
JZ27040	1-1/2"	40	53	338.1	345	72
JZ27050	2"	50	63	583.1	595	48
JZ27065	2-1/2"	65	72	822.22	839	32
JZ27080	3"	80	77.5	1065.26	1087	24
JZ270100	4"	100	91.5	1774.78	1811	10
JZ270150	6"	150	118	3789.66	3867	4

Fig.246

Socket Reducing, M&F



Code	Size		L	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
			mm			
JZ2462015	3/4 "x 1/2"	20X15	47	93.1	95	380
JZ2462515	1" x 1/2"	25X15	54	132.3	135	180
JZ2462520	1 "x 3/4"	25X20	54	143.08	146	180
JZ2463220	1-1/4" x 3/4"	32X20	59	202.86	207	120
JZ2463225	1-1/4" x 1"	32X25	59	213.64	218	120
JZ2464020	1-1/2" x 3/4"	40X20	62	252.84	258	80
JZ2464025	1-1/2" x 1"	40X25	62	266.56	272	80
JZ2464032	1-1/2" x 1-1/4"	40X32	62	288.12	294	80
JZ2465025	2 "x 1"	50X25	69	397.88	406	48
JZ2465032	2 "x 1-1/4"	50X32	69	425.32	434	48
JZ2465040	2" x 1-1/2"	50X40	69	429.24	438	48

Fig.240

Sockets, Reducing



Code	Size		A	Unit Weight		Packing	
	NPS	DN		mm	Black	Galv.	Carton
					g	g	Pcs/ctn
JZ240108	3/8" x 1/4"	10×8	29	42	43	500	
JZ240158	1/2" x 1/4"	15×8	35	66	67	500	
JZ2401510	1/2" x 3/8"	15×10	36	69	70	500	
JZ240208	3/4 "x 1/4"	20×8	38	86	88	360	
JZ2402010	3/4 "x 3/8"	20×10	38	91	93	360	
JZ2402515	3/4 "x 1/2"	20×15	38	105	107	360	
JZ240258	1" x 1/4"	25×8	44	132	135	200	
JZ2402510	1" x 3/8"	25×10	44	128	131	200	
JZ2402515	1" x 1/2"	25×15	44	142	145	200	
JZ2402520	1 "x 3/4"	25×20	44	150	153	200	
JZ2403215	1-1/4" x 1/2"	32×15	49	203	207	144	
JZ2403220	1-1/4" x 3/4"	32×20	49	214	218	144	
JZ2403225	1-1/4" x 1"	32×25	49	225	230	120	
JZ2404015	1-1/2" x 1/2"	40×15	53	247	252	140	
JZ2404020	1-1/2" x 3/4"	40×20	53	254	259	140	
JZ2404025	1-1/2" x 1"	40×25	53	277	283	120	
JZ2404032	1-1/2" x 1-1/4"	40×32	53	312	318	100	
JZ2405015	2 "x 1/2"	50×15	63	392	400	80	
JZ2405020	2 "x 3/4"	50×20	63	406	414	80	
JZ2405025	2 "x 1"	50×25	63	414	422	72	
JZ2405032	2 "x 1-1/4"	50×32	63	435	444	72	
JZ2405040	2" x 1-1/2"	50×40	63	475	485	48	
JZ2406515	2-1/2" x 1/2"	65×15	72	568	580	60	
JZ2406520	2-1/2" x 3/4"	65×20	72	578	590	60	
JZ2406525	2-1/2" x 1"	65×25	72	594	606	60	
JZ2406532	2-1/2" x 1-1/4"	65×32	72	614	627	60	
JZ2406540	2-1/2" x 1-1/2"	65×40	72	634	647	60	
JZ2406550	2-1/2" x 2"	65×50	72	713	728	40	
JZ2408015	3 "x 1/2"	80×15	77.5	699	713	40	
JZ2408020	3 "x 3/4"	80×20	77.5	735	750	40	
JZ2408025	3 "x 1"	80×25	77.5	747	762	40	
JZ2408032	3 "x 1-1/4"	80×32	77.5	764	780	40	
JZ2408040	3 "x 1-1/2"	80×40	77.5	785	801	40	
JZ2408050	3 "x 2"	80×50	77.5	839	856	36	
JZ2408065	3 "x 2-1/2"	80×65	77.5	860	878	24	
JZ24010015	4 "x 1/2"	100×15	91.5	1139	1162	20	
JZ24010020	4 "x 3/4"	100×20	91.5	1223	1248	20	
JZ24010025	4 "x 1"	100×25	91.5	1233	1258	20	
JZ24010032	4"x 1-1/4"	100×32	91.5	1279	1305	20	
JZ24010040	4 "x 1-1/2"	100×40	91.5	1294	1320	20	
JZ24010050	4 "x 2"	100×50	91.5	1326	1353	16	
JZ24010065	4" x 2-1/2"	100×65	91.5	1378	1406	14	
JZ24010080	4 "x 3"	100×80	91.5	1438	1467	12	
JZ24015080	6"x4"	150×80	118				

Fig.529a

Socket M&F



Code	Size		A	Unit Weight		Packing
				Black	Galv.	Carton
	NPS	DN		mm	g	g
JZ529A15	1/2"	15	44	56.8	58	600
JZ529A20	3/4"	20	45	89.2	91	380
JZ529A25	1"	25	52	137.2	140	180
JZ529A32	1-1/4"	32	57	198.0	202	120
JZ529A40	1-1/2"	40	60	249.9	255	80
JZ529A50	2"	50	66	384.2	392	48

Fig.280

Hexagon Nipples



Code	Size		L	S	Unit Weight		Packing
	NPS	DN	mm	mm	Black	Galv.	Carton
					g	g	Pcs/ctn
JZ2808	1/4"	8	36	16.7	29.4	30	1000
JZ28010	3/8"	10	36	19.8	30.38	31	1000
JZ28015	1/2"	15	44	23.6	55.86	57	600
JZ28020	3/4"	20	47	29.2	84.28	86	300
JZ28025	1"	25	53	36	134.26	137	200
JZ28032	1-1/4"	32	56	45	186.2	190	140
JZ28040	1-1/2"	40	58	51	227.36	232	104
JZ28050	2"	50	68	63	365.54	373	56
JZ28065	2-1/2"	65	73	79.4	543.9	555	36
JZ28080	3"	80	81	91.6	768.32	784	24
JZ280100	4"	100	95	117	1237.74	1263	12
JZ280150	6"	150	107	170			

Fig.245

Nipples, Reducing



Code	Size		Unit Weight				
			L	S	Black	Galv.	PCS/
	NPS	DN	mm	mm	g	g	CTN.
JZ245158	1/2" x 1/4"	15×8	44	22	47.04	48	600
JZ2451510	1/2" x 3/8"	15×10	44	22	59.78	61	600
JZ2452015	3/4 "x 1/2"	20×15	47	29.9	91.14	93	400
JZ2452515	1" x 1/2"	25×15	53	35.8	115.64	118	260
JZ2452520	1 "x 3/4"	25×20	53	35.8	137.2	140	240
JZ2453215	1-1/4" x 1/2"	32×15	57	45.6	177.38	181	160
JZ2453220	1-1/4" x 3/4"	32×20	57	45.6	181.3	185	140
JZ2453225	1-1/4" x 1"	32×25	57	45.6	192.08	196	140
JZ2454015	1-1/2" x 1/2"	40×15	59	50.5	202.86	207	130
JZ2454020	1-1/2" x 3/4"	40×20	59	50.5	207.76	212	130
JZ2454025	1-1/2" x 1"	40×25	59	50.5	225.4	230	120
JZ2454032	1-1/2" x 1-1/4"	40×32	59	50.5	235.2	240	100
JZ2455015	2 "x 1/2"	50×15	68	63.5	323.4	330	75
JZ2455020	2 "x 3/4"	50×20	68	63.5	334.18	341	72
JZ2455025	2 "x 1"	50×25	68	63.5	343	350	72
JZ2455032	2 "x 1-1/4"	50×32	68	63.5	352.8	360	72
JZ2455040	2" x 1-1/2"	50×40	68	63.5	366.52	374	60
JZ2456550	2-1/2" "x 2"	65×50	73	79.4			
JZ2458050	3 "x 2"	80×50	81	91.6	749.7	765	24
JZ2458065	3"×2-1/2"	80×65	81	91.6			
JZ24510050	4"×2"	100×50	95	117			
JZ24510065	4"×2-1/2"	100×65	95	117			
JZ24510080	4"×3"	100×80	95	117			

Fig.130

Tee, Equal



Code	Size		A	Unit Weight		Packing
				Black	Galv.	Carton
	NPS	DN		mm	g	g
JZ1306	1/8"	6	18	44.1	45	400
JZ1308	1/4"	8	20	63.7	65	400
JZ13010	3/8"	10	24	88.2	90	300
JZ13015	1/2"	15	27	137.2	140	240
JZ13020	3/4"	20	32	198.94	203	140
JZ13025	1"	25	37	308.7	315	90
JZ13032	1-1/4"	32	44.5	479.22	489	56
JZ13040	1-1/2"	40	48.5	600.74	613	40
JZ13050	2"	50	57	977.06	997	20
JZ13065	2-1/2"	65	68.5	1520.96	1552	12
JZ13080	3"	80	77.5	2045.26	2087	10
JZ130100	4"	100	96.5	3589.74	3663	4
JZ130150	6"	150	129	8157.52	8324	2

Fig.130R

Tee, Reducing



Code	Size		A	B	Unit Weight		Packing
					Black	Galv.	Carton
	NPS	DN			mm	mm	g
JZ130R2015	3/4 "x 1/2"	20×15	29	30	180.32	184	150
JZ130R2510	1 "x 3/8"	25×10	29	31	225.4	230	100
JZ130R2515	1" x 1/2"	25×15	31	33	238.14	243	100
JZ130R2520	1 "x 3/4"	25×20	34	35	261.66	267	100
JZ130R3210	1-1/4" x 3/8"	32×10	31	36	309.68	316	64
JZ130R3215	1-1/4" x 1/2"	32×15	34	37	341.04	348	64
JZ130R3220	1-1/4" x 3/4"	32×20	36	40	371.42	379	64
JZ130R3225	1-1/4" x 1"	32×25	40	41	407.68	416	64
JZ130R4015	1-1/2" x 1/2"	40×15	35	41	406.7	415	52
JZ130R4020	1-1/2" x 3/4"	40×20	37	43	427.28	436	52
JZ130R4025	1-1/2" x 1"	40×25	41	45	481.18	491	42
JZ130R4032	1-1/2" x 1-1/4"	40×32	45	47	557.62	569	42
JZ130R5015	2 "x 1/2"	50×15	37	47	589.96	602	40
JZ130R5020	2 "x 3/4"	50×20	40	49	642.88	656	40
JZ130R5025	2 "x 1"	50×25	43	51	687.96	702	30
JZ130R5032	2 "x 1-1/4"	50×32	47	53	750.68	766	30
JZ130R5040	2" x 1-1/2"	50×40	51	54	826.14	843	24
JZ130R6515	2-1/2" x 1/2"	65×15	40.5	56	887.88	906	24
JZ130R6520	2-1/2" x 3/4"	65×20	43.5	57	919.24	938	24
JZ130R6525	2-1/2" x 1"	65×25	47.5	59	1017.24	1038	20
JZ130R6532	2-1/2" x 1-1/4"	65×32	51.5	61	1075.06	1097	16
JZ130R6540	2-1/2" x 1-1/2"	65×40	54.5	61	1145.62	1169	16
JZ130R6550	2-1/2" x 2"	65×50	59.5	64	1294.58	1321	16
JZ130R8015	3 "x 1/2"	80×15	42.5	64	1114.26	1137	12
JZ130R8020	3 "x 3/4"	80×20	45.5	65	1174.04	1198	12
JZ130R8025	3 "x 1"	80×25	49.5	67	1267.14	1293	12
JZ130R8032	3 "x 1-1/4"	80×32	54.5	69	1342.6	1370	12
JZ130R8040	3 "x 1-1/2"	80×40	57.5	71	1440.6	1470	12
JZ130R8050	3 "x 2"	80×50	61.5	71	1589.56	1622	10
JZ130R8065	3 "x 2-1/2"	80×65	71.5	74	1862	1900	10
JZ130R10015	4 "x 1/2"	100×15	49.5	78	1915.9	1955	8
JZ130R10020	4 "x 3/4"	100×20	53.5	79	2038.4	2080	8
JZ130R10025	4 "x 1"	100×25	56.5	82	2100.14	2143	8
JZ130R10032	4 "x 1-1/4"	100×32	60.5	85	2214.8	2260	6
JZ130R10040	4 "x 1-1/2"	100×40	62.5	85	2303.98	2351	6
JZ130R10050	4 "x 2"	100×50	68.5	86	2558.78	2611	6
JZ130R10065	4" x 2-1/2"	100×65	77.5	89	2799.86	2857	6
JZ130R10080	4 "x 3"	100×80	82.5	90	3138.94	3203	6

Fig.131R

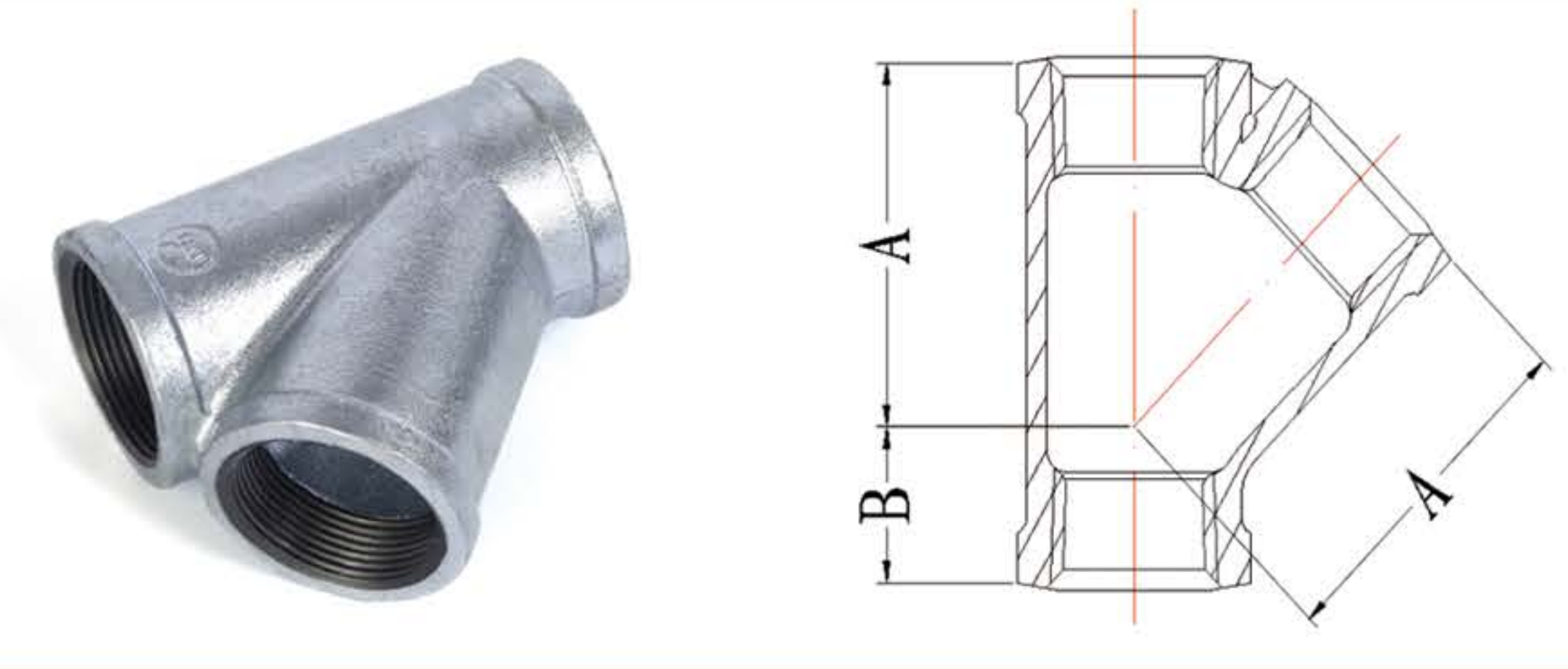
Tees Reducing



Code	Size		A mm	B mm	C mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN				Black	Galv.	
						g	g	
JZ131R201515	3/4"×1/2"×1/2"	20×15×15	29	30	27	159.74	163	120
JZ131R251520	1"×1/2"×3/4"	25×15×20	31	33	29	191.1	195	120
JZ131R252020	1"×3/4"×3/4"	25×20×20	34	35	32	157.78	161	120
JZ131R321525	1-1/4"×1/2"×1"	32×15×25	33	37	31	234.22	239	80
JZ131R322025	1-1/4"×3/4"×1"	32×20×25	36	40	34	287.14	293	60
JZ131R322525	1-1/4"×1"×1"	32×25×25	39	40	36	355.74	363	60
JZ131R323225	1-1/4"×1-1/4"×1"	32×32×25	44.5	44.5	41	406.7	415	40
JZ131R401532	1-1/2"×1/2"×1-1/4"	40×15×32	35	41	33	539.98	551	32
JZ131R402032	1-1/2"×3/4"×1-1/4"	40×20×32	37	43	36	514.5	525	36
JZ131R402525	1-1/2"×1"×1"	40×25×25	40	44	36	641.9	655	28
JZ131R402532	1-1/2"×1"×1-1/4"	40×25×32	41	45	40	711.48	726	20
JZ131R403225	1-1/2"×1-1/4"×1"	40×32×25	45	47	41	879.06	897	16
JZ131R403232	1-1/2"×1-1/4"×1-1/4"	40×32×32	45	47	44.5	1056.44	1078	12
JZ131R404025	1-1/2"×1-1/2"×1"	40×40×25	48.5	48.5	45	1025.08	1046	16
JZ131R405032	1-1/2"×2"×1-1/4"	40×50×32	54	51	53	1336.72	1364	10
JZ131R501540	2"×1/2"×1-1/2"	50×15×40	37	47	35	1622.88	1656	10
JZ131R502040	2"×3/4"×1-1/2"	50×20×40	40	49	37	2530.36	2582	6
JZ131R502532	2"×1"×1-1/4"	50×25×32	43	51	40	299.88	306	64
JZ131R502540	2"×1"×1-1/2"	50×25×40	42	49	40	344.96	352	68
JZ131R503232	2"×1-1/4"×1-1/4"	50×32×32	47	53	44.5	392	400	60
JZ131R503240	2"×1-1/4"×1-1/2"	50×32×40	47	53	45	491.96	502	40
JZ131R504025	2"×1-1/2"×1"	50×40×25	51	54	45	377.3	385	42
JZ131R504040	2"×1-1/2"×1-1/2"	50×40×40	51	54	48.5	406.7	415	40
JZ131R505025	2"×2"×1"	50×50×25	57	57	51	451.78	461	40
JZ131R651550	2-1/2"×1/2"×2"	65×15×50	40.5	56	37	534.1	545	36
JZ131R652050	2-1/2"×3/4"×2"	65×20×50	43.5	57	40	620.34	633	30
JZ131R652550	2-1/2"×1"×2"	65×25×50	45	58	42	702.66	717	24
JZ131R653240	2-1/2"×1-1/4"×1-1/2"	65×32×40	51.5	61	45	599.76	612	30
JZ131R653250	2-1/2"×1-1/4"×2"	65×32×50	51.5	61	47	673.26	687	30
JZ131R654050	2-1/2"×1-1/2"×2"	65×40×50	54.5	62	51	525.28	536	36
JZ131R655050	2-1/2"×2"×2"	65×50×50	59.5	64	57	525.28	536	36
JZ131R802565	3"×1"×2-1/2"	80×25×65	49.5	67	47.5	525.28	536	36
JZ131R803265	3"×1-1/4"×2-1/2"	80×32×65	54.5	69	51.5	552.72	564	24
JZ131R804065	3"×1-1/2"×2-1/2"	80×40×65	57.5	71	54.5	562.52	574	24
JZ131R805065	3"×2"×2-1/2"	80×50×65	61.5	71	59.5	705.6	720	16
JZ131R806565	3"×2-1/2"×2-1/2"	80×65×65	71.5	74	68.5	754.6	770	16

Fig.165

Lateral Y Branch 45° Tee



Code	Size		A mm	B mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black	Galv.	
					g	g	
JZ16515	1/2"	15	42	18	161.7	165	240
JZ16520	3/4"	20	51.5	18.5	244.02	249	100
JZ16525	1"	25	62	23	375.34	383	80
JZ16532	1-1/4"	32	75	28	595.84	608	40
JZ16540	1-1/2"	40	82	30	743.82	759	30
JZ16550	2"	50	100.5	32.5	1189.72	1214	16
JZ16565	2-1/2"	65	125	39	1935.5	1975	10
JZ16580	3"	80	140	45	2651.88	2706	8
JZ165100	4"	100	180	55	4817.68	4916	2

Fig.180

Cross Female



Code	Size		A mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black	Galv.	
				g	g	
JZ18015	1/2"	15	27	167	170	180
JZ18020	3/4"	20	32	246	251	96
JZ18025	1"	25	37	380	388	72
JZ18032	1-1/4"	32	44.5	576	588	36
JZ18040	1-1/2"	40	48.5	712	727	30
JZ18050	2"	50	57	1147	1170	12
JZ18065	2-1/2"	65	68.5	1740	1776	10
JZ18080	3"	80	77.5	2478	2529	6
JZ180100	4"	100	96.5	4211	4297	2

Fig.180R

Cross, Female, Reducing



Code	Size		A		B		Unit Weight		Packing
	NPS	DN	mm	mm	mm	mm	Black	Galv.	Carton
							g	g	Pcs/ctn
JZ180R2015	3/4 "x 1/2"	20×15	29	30			199	203	120
JZ180R2515	1" x 1/2"	25×15	31	33			261	266	96
JZ180R2520	1 "x 3/4"	25×20	34	35			310	316	80
JZ180R3215	1-1/4" x 1/2"	32×15	34	37			365	372	64
JZ180R3220	1-1/4" x 3/4"	32×20	36	40			407	415	60
JZ180R3225	1-1/4" x 1"	32×25	40	41			460	469	56
JZ180R4015	1-1/2" x 1/2"	40×15	35	41			414	422	52
JZ180R4020	1-1/2" x 3/4"	40×20	37	43			473	483	52
JZ180R4025	1-1/2" x 1"	40×25	41	45			522	533	42
JZ180R4032	1-1/2" x 1-1/4"	40×32	45	47			646	659	34
JZ180R5015	2 "x 1/2"	50×15	37	47			616	629	36
JZ180R5020	2 "x 3/4"	50×20	40	49			674	688	36
JZ180R5025	2 "x 1"	50×25	43	51			743	758	28
JZ180R5032	2 "x 1-1/4"	50×32	47	53			832	849	28
JZ180R5040	2" x 1-1/2"	50×40	51	54			901	919	20
JZ180R6515	2-1/2" x 1/2"	65×15	40.5	56			878	896	20
JZ180R6520	2-1/2" x 3/4"	65×20	43.5	57			950	969	20
JZ180R6525	2-1/2" x 1"	65×25	47.5	59			1035	1056	18
JZ180R6532	2-1/2" x 1-1/4"	65×32	51.5	61			1174	1198	16
JZ180R6540	2-1/2" x 1-1/2"	65×40	54.5	61			1201	1225	14
JZ180R6550	2-1/2" x 2"	65×50	59.5	64			1438	1467	10
JZ180R8015	3 "x 1/2"	80×15	42.5	64			1107	1130	12
JZ180R8020	3 "x3/4"	80×20	45.5	65			1155	1179	12
JZ180R8025	3 "x 1"	80×25	49.5	67			1290	1316	12
JZ180R8032	3 "x 1-1/4"	80×32	54.5	69			1438	1467	12
JZ180R8040	3 "x 1-1/2"	80×40	57.5	71			1560	1592	10
JZ180R8050	3 "x 2"	80×50	61.5	71			1695	1730	10
JZ180R8065	3 "x 2-1/2"	80×65	71.5	74			1981	2021	8
JZ180R10015	4 "x 1/2"	100×15	49.5	78			1826	1863	6
JZ180R10020	4 "x 3/4"	100×20	53.5	79			1886	1924	6
JZ180R10025	4 "x 1"	100×25	56.5	82			2025	2066	6
JZ180R10032	4 "x 1-1/4"	100×32	60.5	85			2264	2310	6
JZ180R10040	4 "x 1-1/2"	100×40	62.5	85			2288	2335	4
JZ180R10050	4 "x 2"	100×50	68.5	86			2529	2581	4
JZ180R10065	4" x 2-1/2"	100×65	77.5	89			2819	2877	4
JZ180R10080	4 "x 3"	100×80	82.5	90			3177	3242	4

Fig.330

Union, Flat Seat



Code	Size		L	Unit Weight		Packing
	NPS	DN		Black	Galv.	Carton
			mm	g	g	Pcs/ctn
JZ33010	3/8"	10	39	156.8	160	280
JZ33015	1/2"	15	46	200.9	205	180
JZ33020	3/4"	20	50	265.58	271	120
JZ33025	1"	25	56	392	400	88
JZ33032	1-1/4"	32	63	583.1	595	56
JZ33040	1-1/2"	40	68	733.04	748	36
JZ33050	2"	50	76	1056.44	1078	28
JZ33065	2-1/2"	65	83	1675.8	1710	12
JZ33080	3"	80	93	2175.6	2220	10
JZ330100	4"	100	113.5	3724	3800	6

Fig.331

Union, Flat Seat, M&F



Code	Size		L	Unit Weight		Packing
				Black	Galv.	Carton
	NPS	DN	mm	g	g	Pcs/ctn
JZ33115	1/2"	15	64	219.52	224	140
JZ33120	3/4"	20	70	275.38	281	120
JZ33125	1"	25	78	423.36	432	80
JZ33132	1-1/4"	32	88	661.5	675	40
JZ33140	1-1/2"	40	93	784	800	32
JZ33150	2"	50	104	1200.5	1225	20

Fig.340

Union, Taper Seat



Code	Size		L mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
JZ3408	1/4"	8	42	103.88	106	200
JZ34010	3/8"	10	45	152.88	156	200
JZ34015	1/2"	15	47	164.64	168	180
JZ34020	3/4"	20	51.5	251.86	257	120
JZ34025	1"	25	57	330.26	337	88
JZ34032	1-1/4"	32	65	560.56	572	56
JZ34040	1-1/2"	40	71	703.64	718	36
JZ34050	2"	50	79	1023.12	1044	28
JZ34065	2-1/2"	65	85.5	1615.04	1648	12
JZ34080	3"	80	94.5	2242.24	2288	10
JZ340100	4"	100	110.5	3615.22	3689	6

Fig.341

Union, Taper Seat, M&F



Code	Size		L mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
JZ34115	1/2"	15	65	196	200	140
JZ34120	3/4"	20	71.5	289.1	295	120
JZ34125	1"	25	79	392	400	80
JZ34132	1-1/4"	32	90	635.04	648	40
JZ34140	1-1/2"	40	96	801.64	818	32
JZ34150	2"	50	107	1149.54	1173	20

Fig.342

Brass Unions, Taper Seat



Code	Size		L mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
JZ3428	1/4"	8	42	104.86	107	200
JZ34210	3/8"	10	45	143.08	146	200
JZ34215	1/2"	15	47	168.56	172	180
JZ34220	3/4"	20	51	256.76	262	120
JZ34225	1"	25	56.5	333.2	340	88
JZ34232	1-1/4"	32	64	583.1	595	56
JZ34240	1-1/2"	40	70	731.08	746	36
JZ34250	2"	50	78.5	1058.4	1080	28
JZ34265	2-1/2"	65	84.5	1804.18	1841	12
JZ34280	3"	80	94	2314.76	2362	10
JZ342100	4"	100	110	3731.84	3808	6

Fig.343

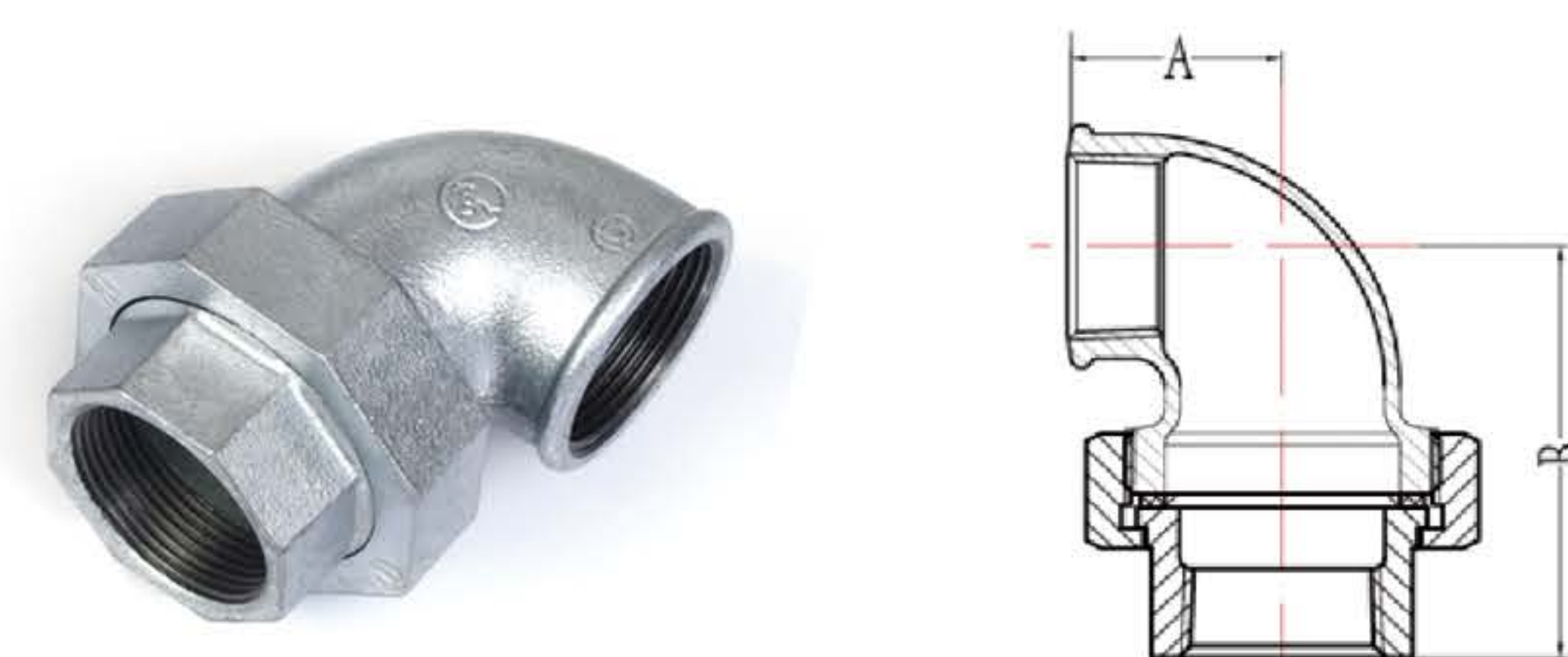
Union, Flat Seat, M&F



Code	Size		L mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
JZ34315	1/2"	15	65	191.1	195	140
JZ34320	3/4"	20	71	286.16	292	120
JZ34325	1"	25	78.5	378.28	386	80
JZ34332	1-1/4"	32	89	637	650	40
JZ34340	1-1/2"	40	95	800.66	817	32
JZ34350	2"	50	106.5	1205.4	1230	20

Fig.95

Union Elbow Flat Seat Female



Code	Size		A mm	B mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black	Galv.	
					g	g	
JZ9515	1/2"	15	24.5	54	194.04	198	60
JZ9520	3/4"	20	29	60	303.8	310	40
JZ9525	1"	25	35	68	471.38	481	30
JZ9532	1-1/4"	32	42	80	703.64	718	20
JZ9540	1-1/2"	40	45.5	86	873.18	891	18
JZ9550	2"	50	53.5	97	1327.9	1355	10

Fig.97

Union, Taper Seat, M&F



Code	Size		A mm	B mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black	Galv.	
					g	g	
JZ9715	1/2"	15	24.5	72	220.5	225	60
JZ9720	3/4"	20	29	80	328.3	335	40
JZ9725	1"	25	35	90	517.44	528	30
JZ9732	1-1/4"	32	42	105	770.28	786	20
JZ9740	1-1/2"	40	45.5	111	969.22	989	16
JZ9750	2"	50	53.5	125	1473.92	1504	10

Fig.241

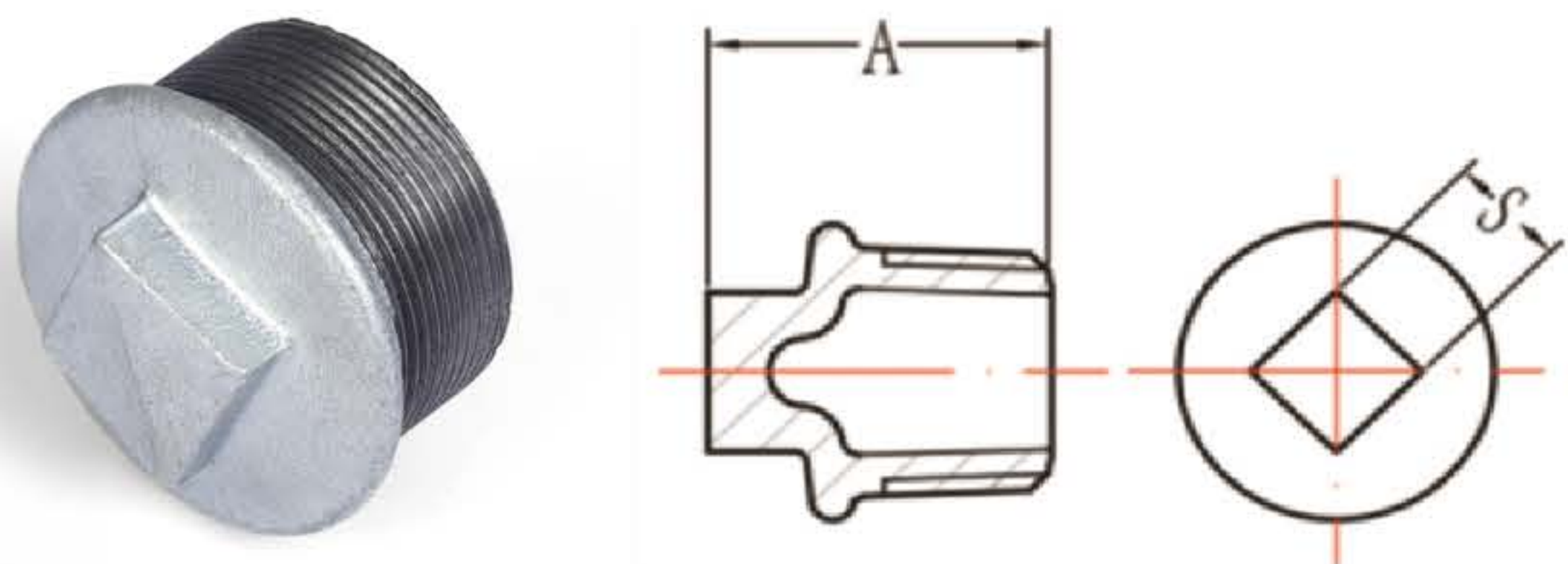
Bushings



Code	Size		L mm	S mm	H mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN				Black	Galv.	
						g	g	
JZ24186	1/4"x1/8"	8x6	18.5	16.8	6	14.7	15	1800
JZ241106	3/8" x 1/8"	10x6	18	20	6	22.54	23	1500
JZ241108	3/8" x 1/4"	10x8	18.5	18.4	6	18.62	19	1800
JZ241158	3/4 "x 3/8"	15x8	22.5	22	6	61.74	63	500
JZ2411510	3/4 "x 1/4"	15x10	22.5	22	6	66.64	68	600
JZ241208	1/2" x 3/8"	20x8	24.5	29.6	6	32.34	33	960
JZ2412010	1/2" x 1/4"	20x10	24.5	29.6	6	38.22	39	900
JZ2412015	3/4 "x 1/2"	20x15	24.5	29.6	6	50.96	52	600
JZ241258	1 "x 1/4"	25x8	28	37.4	6.5	105.84	108	300
JZ2412510	1 "x 3/8"	25x10	28	37.4	6.5	111.72	114	300
JZ2412515	1" x 1/2"	25x15	28	37.4	6.5	97.02	99	300
JZ2412520	1 "x 3/4"	25x20	28	37.4	6.5	81.34	83	300
JZ2413215	1-1/4" x 1/2"	32x15	30	45.6	7	167.58	171	200
JZ2413220	1-1/4" x 3/4"	32x20	30	45.6	7	151.9	155	200
JZ2413225	1-1/4" x 1"	32x25	30	45.6	7	126.42	129	200
JZ2414015	1-1/2" x 1/2"	40x15	30	50	7.5	197.96	202	160
JZ2414020	1-1/2" x 3/4"	40x20	30	50	7.5	207.76	212	160
JZ2414025	1-1/2" x 1"	40x25	30	50	7.5	182.28	186	160
JZ2414032	1-1/2" x 1-1/4"	40x32	30	50	7.5	123.48	126	160
JZ2415015	2 "x 1/2"	50x15	33	64.1	8.5	289.1	295	96
JZ2415020	2 "x 3/4"	50x20	33	64.1	8.5	298.9	305	96
JZ2415025	2 "x 1"	50x25	33	64.1	8.5	342.02	349	96
JZ2415032	2 "x 1-1/4"	50x32	33	64.1	8.5	302.82	309	96
JZ2415040	2" x 1-1/2"	50x40	33	64.1	8.5	255.78	261	96
JZ2416515	2-1/2" x 1/2"	65x15	39	79.6	9	441	450	68
JZ2416520	2-1/2" x 3/4"	65x20	39	79.6	9	456.68	466	68
JZ2416525	2-1/2" x 1"	65x25	39	79.6	9	448.84	458	68
JZ2416532	2-1/2" x 1-1/4"	65x32	39	79.6	9	512.54	523	68
JZ2416540	2-1/2" x 1-1/2"	65x40	39	79.6	9	519.4	530	68
JZ2416550	2-1/2" x 2"	65x50	39	79.6	9	446.88	456	68
JZ2418015	3 "x 1/2"	80x15	42	93	10	633.08	646	36
JZ2418020	3 "x 3/4"	80x20	42	93	10	632.1	645	36
JZ2418025	3 "x 1"	80x25	42	93	10	650.72	664	36
JZ2418032	3 "x 1-1/4"	80x32	42	93	10	637.98	651	36
JZ2418040	3 "x 1-1/2"	80x40	42	93	10	694.82	709	36
JZ2418050	3 "x 2"	80x50	42	93	10	773.22	789	36
JZ2418065	3 "x 2-1/2"	80x65	42	93	10	556.64	568	36
JZ24110015	4 "x 1/2"	100x15	49	118.4	11	1070.16	1092	18
JZ24110020	4 "x 3/4"	100x20	49	118.4	11	1085.84	1108	18
JZ24110025	4 "x 1"	100x25	49	118.4	11	1078.98	1101	18
JZ24110032	4"x 1-1/4"	100x32	49	118.4	11	1126.02	1149	18
JZ24110040	4 "x 1-1/2"	100x40	49	118.4	11	1097.6	1120	18
JZ24110050	4 "x 2"	100x50	49	118.4	11	1121.12	1144	18
JZ24110065	4" x 2-1/2"	100x65	49	118.4	11	1350.44	1378	18
JZ24110080	4 "x 3"	100x80	49	118.4	11	1203.44	1228	18
JZ24115080	6" x 3"	150x80	60	170.8	13			
JZ241150100	6" x 4"	150x100	60	170.8	13			

Fig.290

Beaded Plug



Code	Size		A	S	Unit Weight		Packing Carton
	NPS	DN			Black	Galv.	
			mm	mm	g	g	Pcs/ctn
JZ2908	1/4"	8	22.5	6	17.64	18	2000
JZ29010	3/8"	10	25	7	29.4	30	1300
JZ29015	1/2"	15	28	10	35.28	36	900
JZ29020	3/4"	20	32	12	55.86	57	600
JZ29025	1"	25	36	16	93.1	95	300
JZ29032	1-1/4"	32	38.5	20	148.96	152	220
JZ29040	1-1/4"	40	41	22	177.38	181	150
JZ29050	2"	50	47	28	293.02	299	80
JZ29065	2-1/2"	65	53	30	512.54	523	64
JZ29080	3"	80	58	34	748.72	764	36
JZ290100	4"	100	72	44	1097.6	1120	28

Fig.291

Plain Plug



Code	Size		L	B	S	Unit Weight		Packing Carton
	NPS	DN				Black	Galv.	
			mm	mm	mm	g	g	Pcs/ctn
JZ2918	1/4"	8	15.5	10	6	8.82	9	2400
JZ29110	3/8"	10	17	10	7	15.68	16	2200
JZ29115	1/2"	15	22.5	13	10	24.5	25	1400
JZ29120	3/4"	20	24	14	12	36.26	37	800
JZ29125	1"	25	27	16.5	15	57.82	59	500
JZ29132	1-1/4"	32	30	20	18	103.88	106	300
JZ29140	1-1/2"	40	31	21	22	140.14	143	200
JZ29150	2"	50	36	25	26	230.3	235	120
JZ29165	2-1/2"	65	40.5	27	30	348.88	356	72
JZ29180	3"	80	45.5	29.5	34	512.54	523	64
JZ291100	4"	100	58.5	38	44	978.04	998	36
JZ291150	6"	150	65	42	65			

Fig.300

Caps



Code	Size		A	S	Unit Weight		Packing Carton
	NPS	DN			Black	Galv.	
			mm	mm	g	g	Pcs/ctn
JZ30010	3/8"	10	17	20.6	29.4	30	1200
JZ30015	1/2"	15	19	24.6	44.1	45	700
JZ30020	3/4"	20	22	30.4	68.6	70	500
JZ30025	1"	25	24	37.2	106.82	109	360
JZ30032	1-1/4"	32	27	47	180.32	184	220
JZ30040	1-1/2"	40	28	53	223.44	228	160
JZ30050	2"	50	32	65	349.86	357	100

Fig.301

Round Caps



Code	Size		A	Unit Weight		Packing Carton
	NPS	DN		Black	Galv.	
			mm	g	g	Pcs/ctn
JZ3018	1/4"	8	16	24.5	25	1200
JZ30110	3/8"	10	17	29.4	30	1200
JZ30115	1/2"	15	19	47.04	48	700
JZ30120	3/4"	20	22	68.6	70	500
JZ30125	1"	25	24	106.82	109	360
JZ30132	1-1/4"	32	27	162.68	166	220
JZ30140	1-1/2"	40	27.5	203.84	208	160
JZ30150	2"	50	32	319.48	326	100
JZ30165	2-1/2"	65	36	432.18	441	60
JZ30180	3"	80	39	610.54	623	38
JZ301100	4"	100	46	1078.98	1101	20
JZ301150	6"	150	56			

Fig.321

Round Flange
Without Bolt Hole



Code	Size		A mm	B mm	C mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN				Black	Galv.	
						g	g	
JZ32115	1/2"	15	13.5	4.5	78	165.62	169	120
JZ32120	3/4"	20	16	5	87	224.42	229	100
JZ32125	1"	25	18	5.5	97	300.86	307	60
JZ32132	1-1/4"	32	15	6	120	512.54	523	40
JZ32140	1-1/2"	40	16	7	130	669.34	683	40
JZ32150	2"	50	18	8	140	865.34	883	30
JZ32165	2-1/2"	65	20	9	160	1303.4	1330	16
JZ32180	3"	80	22	10	190	1869.84	1908	12
JZ321100	4"	80	24	11	210	2326.52	2374	10

Fig.321P

Round Flange
with 4 holes



Code	Size		A	B	C	D	Unit Weight		Packing	
							Black	Galv.	Carton	
	NPS	DN					mm	mm	mm	mm
JZ321P15	1/2"	15	15	5	67	94.5	4×Ø14	1431.78	1461	20
JZ321P20	3/4"	20	16	5	73	99.5	4×Ø14	1684.62	1719	20
JZ321P25	1"	25	19	6	83	114.3	4×Ø14	2223.62	2269	16
JZ321P32	1-1/4"	32	21	6	87	119.2	4×Ø14	3087	3150	12
JZ321P40	1-1/2"	40	21	7	98	134	4×Ø14	3543.68	3616	8
JZ321P50	2"	50	26	8	115	150	4×Ø18	4154.22	4239	8
JZ321P65	2-1/2"	65	30	9	127	164	4×Ø18	7644	7800	4
JZ321P80	3"	80	33	10	146	184	4×Ø18			
JZ321P100	4"	100	39	11	178	214	4×Ø18			
JZ321P150	6"	150	40	13	235	279	8×Ø18			

Fig.329

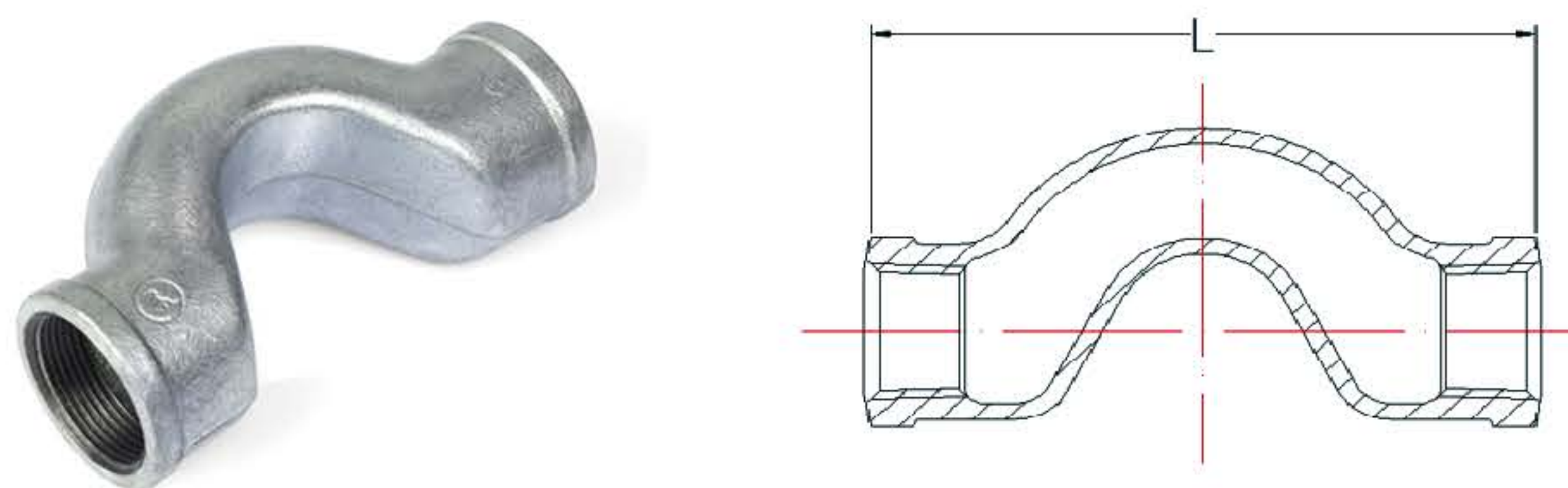
Round Flange



Code	Size		A mm	B mm	N-C mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN				Black	Galv.	
						g	g	
JZ32932	1-1/4"	32	24	105	4-18	1431.78	1461	20
JZ32940	1-1/2"	40	26	115	4-18	1684.62	1719	20
JZ32950	2"	50	29	125	4-18	2223.62	2269	16
JZ32965	2-1/2"	65	33	145	4-18	3087	3150	12
JZ32980	3"	80	34	160	8-18	3543.68	3616	8
JZ329100	4"	100	39	180	8-18	4154.22	4239	8
JZ329150	6"	150	42	240	8-22	7644	7800	4

Fig.85

Crossover



Code	Size		L mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black	Galv.	
				g	g	
JZ8515	1/2"	15	90	184.24	188	150
JZ8520	3/4"	20	104	281.26	287	90
JZ8525	1"	25	120	436.1	445	50
JZ8532	1-1/4"	32	149	698.74	713	32
JZ8540	1-1/2"	40	160	871.22	889	26
JZ8550	2"	50	194	1511.16	1542	12

Fig.310

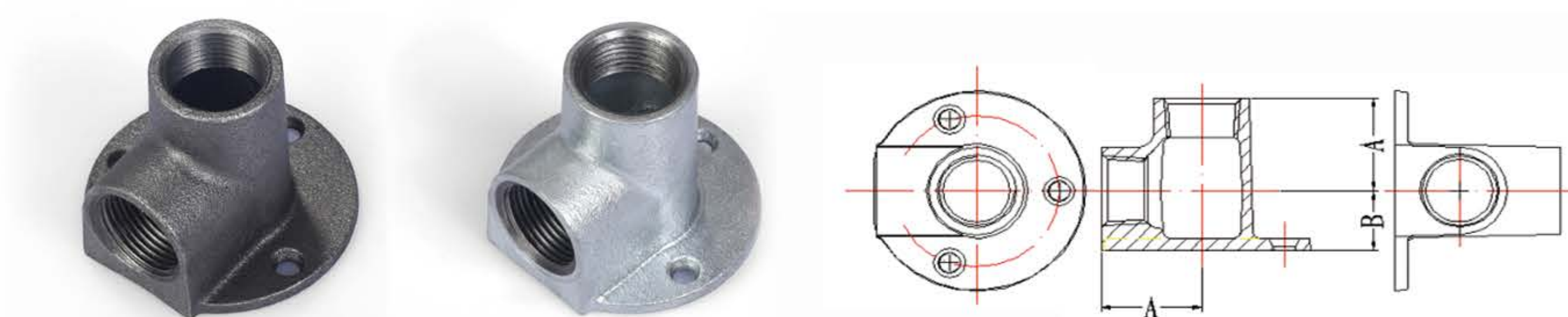
Backnut



Code	Size	A	S	Unit Weight		Packing	
				Black	Galv.	Carton	
	NPS	DN	mm	mm	g	g	Pcs/ctn
JZ31015	1/2"	15	9	29	28.42	29	700
JZ31020	3/4"	20	10	36	44.1	45	500
JZ31025	1"	25	11	45	75.46	77	400
JZ31032	1-1/4"	32	11	56	99.96	102	300
JZ31040	1-1/2"	40	12	63	135.24	138	240
JZ31050	2"	50	13	77	205.8	210	160
JZ31065	2-1/2"	65	15	93	298.9	305	60
JZ31080	3"	80	18	109	495.88	506	50
JZ310100	4"	100	21	137	841.82	859	40

Fig.471

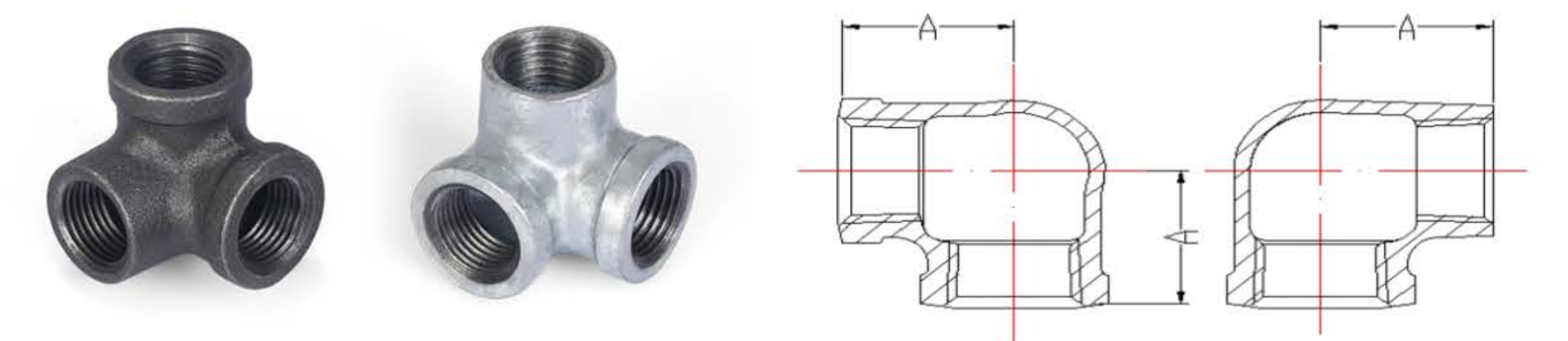
Wall Elbow



Code	Size		A	B	Unit Weight		Packing
					Black	Galv.	Carton
	NPS	DN			mm	mm	g
JZ47115	1/2"	15	28	18	181.3	185	150
JZ47120	3/4"	20	33	20	259.7	265	100

Fig.1221

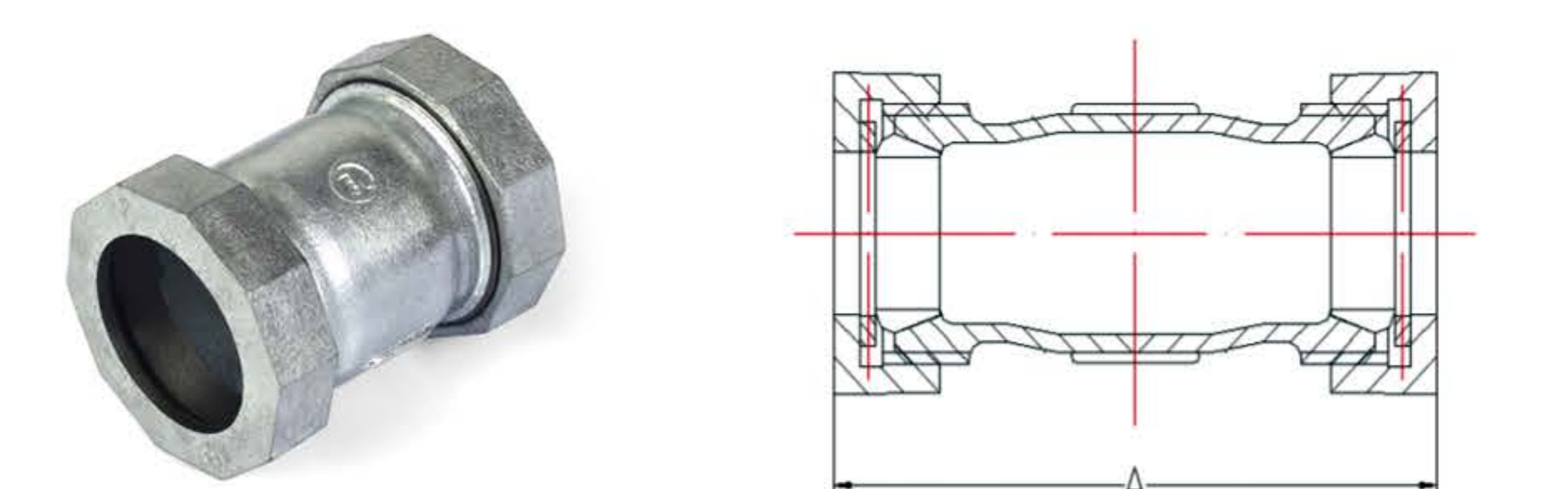
Side Outlet Elbow



Code	Size		A	Unit Weight		Packing	
	NPS	DN		mm	Black	Galv.	Carton
					g	g	Pcs/ctn
JZ122115	1/2"	15	27	125.4	128	240	
JZ122120	3/4"	20	32	196.0	200	140	
JZ122125	1"	25	37				

Fig.SCC

Short Compression Coupling



Code	Size		A	Unit Weight		Packing
				Black	Galv.	Carton
	NPS	DN	mm	g	g	Pcs/ctn
JZSCC15	1/2"	15	71	292.0	298	140
JZSCC20	3/4"	20	77	370.4	378	120
JZSCC25	1"	25	84	558.6	570	80
JZSCC32	1-1/4"	32	92	711.5	726	40
JZSCC40	1-1/2"	40	97	818.3	835	32
JZSCC50	2"	50	108	1076.0	1098	20

