

**TO CHOOSE US IS
TO CHOOSE
HIGH STANDARDS**

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WEC(LEEDS)LTD

**A MANUFACTURER AND
DISTRIBUTOR**

OF SPECIALIZED HOSES FOR
THE OIL & PETROCHEMICAL INDUSTRY.

Within the Rhinofitt range we provide all types of Cast Iron and Malleable iron fittings manufactured to cater various industries complying the ever growing demand in quality and service.



RHINOFITT UK WEC (LEEDS) LTD.

was established in UK in 1997
as a Manufacturer and
Distributor of specialized Hoses
for the Oil & Petrochemical
Industry.



ABOUT US

WEC(LEEDS)LTD



TO CHOOSE US IS TO CHOOSE HIGH STANDARDS

Recognising the opportunity in the piping industry W.E.C (Leeds) ramped up manufacturing to become a major PFV (Pipes, Fittings & Valves), branded as Rhinofitt. Today Rhinofitt is the preferred vendor across UK and Europe for enterprise level projects.

Upping the ante in the international market, based on our success in Europe, we are now one of the leading brands worldwide. Rhinofitt is known for offering a good quality product at competitive prices whilst maintaining a high standard of service and technical know how, supported by our wide network of distributors.

W.E.C (Leeds) recognises the need to offer the highest standards of customer service and this has always been a fundamental rule in our business model as well as our success both for existing and potential new clients.

Within the Rhinofitt range we provide all types of Cast Iron and Malleable iron fittings manufactured to cater various industries complying the ever growing demand in quality and service.

PRODUCTION PROCESS

Upping the ante in the international market, based on our success in Europe, we are now one of the leading brands worldwide. Rhinofitt is known for offering a good quality product at competitive prices whilst maintaining a high standard of service and technical know how, supported by our wide network of distributors.

01

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Moulding

Smelting

Casting

Annealing

Burnishing

Correction

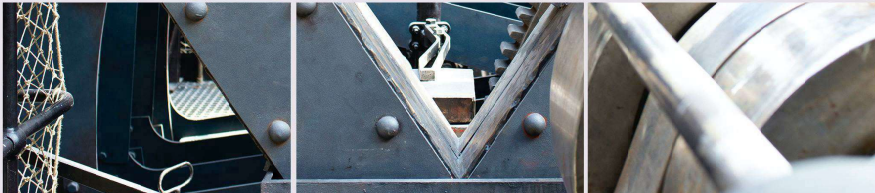
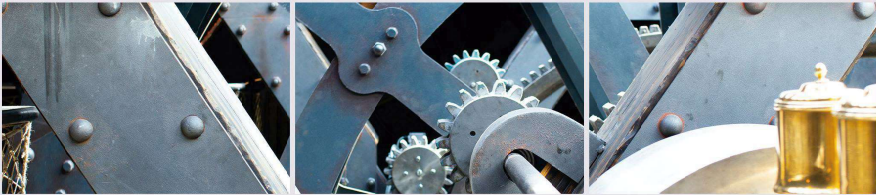
Polishing

Trimming

Galvanizing

Threading

**PRODUCT
DETAILS**



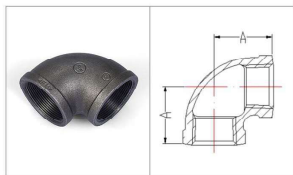
**MALLEABLE IRON PIPE FITTINGS
GALVANIZED & BLACK**



STANDARD SPECIFICATIONS:

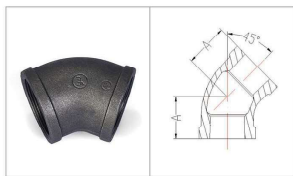
Material:	EN1562
Design & Dimensions:	EN10242
Threads:	EN10226
Tensile Strength:	350 MPA
Elongation:	10%
Zinc Coating:	70µm
Working Pressure:	363 PSI
Size Available	1/8"-6"
Types	Heavy Duty Banded
Surface Treatment	Hot-dip Galvanized, Black

Fig.90
90° Elbow, Equal



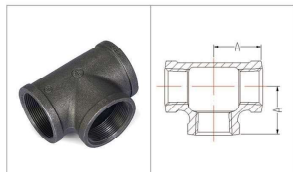
Code	Size		A	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN	mm	Black g	Galv. g	
JZGAL1001	1/8"	6	18	30.38	31	600
JZGAL1002	1/4"	8	20	42.14	43	600
JZGAL1003	3/8"	10	24	60.76	62	500
JZGAL1004	1/2"	15	27	96.04	98	400
JZGAL1005	3/4"	20	32	139.16	142	210
JZGAL1006	1"	25	37	213.64	218	120
JZGAL1007	1-1/4"	32	44.5	340.06	347	64
JZGAL1008	1-1/2"	40	48.5	423.36	432	48
JZGAL1009	2"	50	57	674.24	688	32
JZGAL1010	2-1/2"	65	68.5	1068.2	1090	16
JZGAL1011	3"	80	77.5	1489.6	1520	10
JZGAL1012	4"	100	96.5	2700.88	2756	6
JZGAL1013	6"	150	129	6089.72	6214	2

Fig.120
45° Elbow



Code	Size		A	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN	mm	Black g	Galv. g	
JZGAL12001	1/4"	8	18	46.06	47	500
JZGAL12002	3/8"	10	20	56.84	58	500
JZGAL12003	1/2"	15	22	91.14	93	400
JZGAL12004	3/4"	20	26	131.32	134	240
JZGAL12005	1"	25	28	196.98	201	140
JZGAL12006	1-1/4"	32	33	315.56	322	96
JZGAL12007	1-1/2"	40	36	392	400	72
JZGAL12008	2"	50	43	646.8	660	36
JZGAL12009	2-1/2"	65	48.5	933.94	953	20
JZGAL12010	3"	80	53.5	1274	1300	12
JZGAL12011	4"	100	64.5	2164.82	2209	6
JZGAL12012	6"	150	129	4738.3	4835	4

Fig.130
Tee, Equal



Code	Size		A	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN	mm	Black g	Galv. g	
JZGAL1001	1/8"	6	18	44.1	45	400
JZGAL1002	1/4"	8	20	63.7	65	400
JZGAL1003	3/8"	10	24	88.2	90	300
JZGAL1004	1/2"	15	27	137.2	140	240
JZGAL1005	3/4"	20	32	198.94	203	140
JZGAL1006	1"	25	37	308.7	315	90
JZGAL1007	1-1/4"	32	44.5	479.22	489	56
JZGAL1008	1-1/2"	40	48.5	600.74	613	40
JZGAL1009	2"	50	57	977.06	997	20
JZGAL1010	2-1/2"	65	68.5	1520.96	1552	12
JZGAL1011	3"	80	77.5	2045.26	2087	10
JZGAL1012	4"	100	96.5	3580.74	3683	4
JZGAL1013	6"	150	129	8157.52	8324	2

Fig.130R
Tee, Reducing



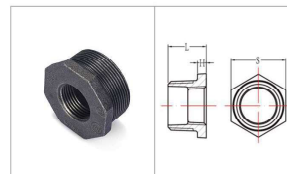
Code	Size		A	B	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN	mm	mm	Black g	Galv. g	
JZGAL130R01	1/2×3/8	15×10	25	25	/	/	/
JZGAL130R02	3/4"×1/2"	20×15	29	30	180.32	184	150
JZGAL130R03	1"×3/8"	25×10	29	31	225.4	230	100
JZGAL130R04	1"×1/2"	25×15	31	33	238.14	243	100
JZGAL130R05	1"×3/4"	25×20	34	35	261.66	267	100
JZGAL130R06	1-1/4"×3/8"	32×10	31	36	309.68	316	64
JZGAL130R07	1-1/4"×1/2"	32×15	34	37	341.04	348	64
JZGAL130R08	1-1/4"×3/4"	32×20	36	40	371.42	379	64
JZGAL130R09	1-1/4"×1"	32×25	40	41	407.68	416	64
JZGAL130R10	1-1/2"×1/2"	40×15	35	41	406.7	415	52
JZGAL130R11	1-1/2"×3/4"	40×20	37	43	427.28	436	52
JZGAL130R12	1-1/2"×1"	40×25	41	45	481.18	491	42
JZGAL130R13	1-1/2"×1-1/4"	40×32	45	47	557.62	569	42
JZGAL130R14	2"×1/2"	50×15	37	47	589.96	602	40
JZGAL130R15	2"×3/4"	50×20	40	49	642.88	656	40
JZGAL130R16	2"×1"	50×25	43	51	687.96	702	30
JZGAL130R17	2"×1-1/4"	50×32	47	53	750.68	766	30
JZGAL130R18	2"×1-1/2"	50×40	51	54	826.14	843	24
JZGAL130R19	2-1/2"×1/2"	65×15	40.5	56	887.88	906	24
JZGAL130R20	2-1/2"×3/4"	65×20	43.5	57	919.24	938	24
JZGAL130R21	2-1/2"×1"	65×25	47.5	59	1017.24	1038	20
JZGAL130R22	2-1/2"×1-1/4"	65×32	51.5	61	1075.06	1097	16
JZGAL130R23	2-1/2"×1-1/2"	65×40	54.5	61	1145.62	1169	16
JZGAL130R24	2-1/2"×2"	65×50	59.5	64	1294.58	1321	16
JZGAL130R25	3"×1/2"	80×15	42.5	64	1114.26	1137	12
JZGAL130R26	3"×3/4"	80×20	45.5	65	1174.04	1198	12
JZGAL130R27	3"×1"	80×25	49.5	67	1267.14	1293	12
JZGAL130R28	3"×1-1/4"	80×32	54.5	69	1342.6	1370	12
JZGAL130R29	3"×1-1/2"	80×40	57.5	71	1440.6	1470	12
JZGAL130R30	3"×2"	80×50	61.5	71	1589.96	1622	10
JZGAL130R31	3"×2-1/2"	80×65	71.5	74	1862	1900	10
JZGAL130R32	4"×1/2"	100×15	49.5	78	1915.9	1955	8
JZGAL130R33	4"×3/4"	100×20	53.5	79	2038.4	2080	8
JZGAL130R34	4"×1"	100×25	56.5	82	2100.14	2143	8
JZGAL130R35	4"×1-1/4"	100×32	60.5	85	2214.8	2260	6
JZGAL130R36	4"×1-1/2"	100×40	62.5	85	2303.98	2351	6
JZGAL130R37	4"×2"	100×50	68.5	86	2558.78	2611	6
JZGAL130R38	4"×2-1/2"	100×65	77.5	89	2799.86	2857	6
JZGAL130R39	4"×3"	100×80	82.5	90	3138.94	3203	6

Fig.240
Sockets, Reducing



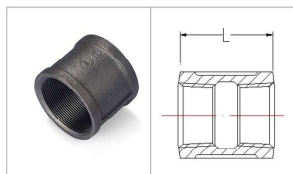
Code	Size		A	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN	mm	Black g	Galv. g	
JZGAL24001	3/8" X 1/4"	10x8	29	42	43	500
JZGAL24002	1/2" X 1/4"	15x8	35	66	67	500
JZGAL24003	1/2" X 3/8"	15x10	36	69	70	500
JZGAL24004	3/4" X 1/4"	20x8	38	86	88	360
JZGAL24005	3/4" X 3/8"	20x10	38	91	93	360
JZGAL24006	3/4" X 1/2"	20x15	38	105	107	360
JZGAL24007	1" X 1/4"	25x8	44	132	135	200
JZGAL24008	1" X 3/8"	25x10	44	128	131	200
JZGAL24009	1" X 1/2"	25x15	44	142	145	200
JZGAL24010	1" X 3/4"	25x20	44	150	153	200
JZGAL24011	1-1/4" X 1/2"	32x15	49	203	207	144
JZGAL24012	1-1/4" X 3/4"	32x20	49	214	218	144
JZGAL24013	1-1/4" X 1"	32x25	49	225	230	120
JZGAL24014	1-1/2" X 1/2"	40x15	53	247	252	140
JZGAL24015	1-1/2" X 3/4"	40x20	53	254	259	140
JZGAL24016	1-1/2" X 1"	40x25	53	277	283	120
JZGAL24017	1-1/2" X 1-1/4"	40x32	53	312	318	100
JZGAL24018	2" X 1/2"	50x15	63	392	400	80
JZGAL24019	2" X 3/4"	50x20	63	406	414	80
JZGAL24020	2" X 1"	50x25	63	414	422	72
JZGAL24021	2" X 1-1/4"	50x32	63	435	444	72
JZGAL24022	2" X 1-1/2"	50x40	63	475	485	48
JZGAL24023	2-1/2" X 1/2"	65x15	72	568	580	60
JZGAL24024	2-1/2" X 3/4"	65x20	72	578	590	60
JZGAL24025	2-1/2" X 1"	65x25	72	594	606	60
JZGAL24026	2-1/2" X 1-1/4"	65x32	72	614	627	60
JZGAL24027	2-1/2" X 1-1/2"	65x40	72	634	647	60
JZGAL24028	2-1/2" X 2"	65x50	72	713	728	40
JZGAL24029	3" X 1/2"	80x15	77.5	899	913	40
JZGAL24030	3" X 3/4"	80x20	77.5	735	750	40
JZGAL24017	3/8" X 1/4"	10x8	29	42	43	500
JZGAL24018	1/2" X 1/4"	15x8	35	66	67	500
JZGAL24019	1/2" X 3/8"	15x10	36	69	70	500
JZGAL24020	3/4" X 1/4"	20x8	38	86	88	360
JZGAL24021	3/4" X 3/8"	20x10	38	91	93	360
JZGAL24022	3/4" X 1/2"	20x15	38	105	107	360
JZGAL24023	1" X 1/4"	25x8	44	132	135	200
JZGAL24024	1" X 3/8"	25x10	44	128	131	200
JZGAL24025	1" X 1/2"	25x15	44	142	145	200
JZGAL24026	1" X 3/4"	25x20	44	150	153	200
JZGAL24027	1-1/4" X 1/2"	32x15	49	203	207	144
JZGAL24028	1-1/4" X 3/4"	32x20	49	214	218	144
JZGAL24029	1-1/4" X 1"	32x25	49	225	230	120
JZGAL24030	1-1/2" X 1/2"	40x15	53	247	252	140

Fig.241
Bushings



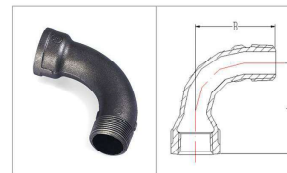
Code	Size		L	S	H	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN	mm	mm	mm	Black	Galv.	
JZGAL24101	1/4" X 1/8"	8x6	18.5	16.8	6	14.7	15	1800
JZGAL24102	3/8" X 1/8"	10x8	18	20	6	22.54	23	1500
JZGAL24103	3/8" X 1/4"	10x8	18.5	18.4	6	18.62	19	1800
JZGAL24107	3/4" X 3/8"	15x8	22.5	22	6	61.74	63	500
JZGAL24106	3/4" X 1/4"	15x10	22.5	22	6	66.64	68	600
JZGAL24105	1/2" X 3/8"	20x8				32.34	33	960
JZGAL24104	1/2" X 1/4"	20x10	24.5	29.6	6.5	38.22	39	900
JZGAL24108	3/4" X 1/2"	20x15				50.96	52	600
JZGAL24109	1" X 1/4"	25x8				105.84	108	300
JZGAL24110	1" X 3/8"	25x10	28	37.4	28	111.72	114	300
JZGAL24111	1" X 1/2"	25x15				97.02	99	300
JZGAL24112	1" X 3/4"	25x20				81.34	83	300
JZGAL24113	1-1/4" X 1/2"	32x15				167.58	171	200
JZGAL24114	1-1/4" X 3/4"	32x20	30	45.6	7	151.0	155	200
JZGAL24115	1-1/4" X 1"	32x25				126.42	129	200
JZGAL24116	1-1/2" X 1/2"	40x15				197.96	202	160
JZGAL24117	1-1/2" X 3/4"	40x20				207.76	212	160
JZGAL24118	1-1/2" X 1"	40x25	33	50	7.5	182.28	186	160
JZGAL24119	1-1/2" X 1-1/4"	40x32				123.48	126	160
JZGAL24120	2" X 1/2"	50x15				209.1	295	96
JZGAL24121	2" X 3/4"	50x20				298.9	305	96
JZGAL24122	2" X 1"	50x25	29	64.1	8.5	342.02	349	96
JZGAL24123	2" X 1-1/4"	50x32				302.82	309	96
JZGAL24124	2" X 1-1/2"	50x40				255.78	261	96
JZGAL24125	2-1/2" X 1/2"	65x15				441	450	68
JZGAL24126	2-1/2" X 3/4"	65x20	42	79.6	9	456.68	466	68
JZGAL24127	2-1/2" X 1"	65x25				448.84	458	68
JZGAL24128	2-1/2" X 1-1/4"	65x32				512.54	523	68
JZGAL24129	2-1/2" X 1-1/2"	65x40				519.4	530	68
JZGAL24130	2-1/2" X 2"	65x50				446.88	456	68
JZGAL24131	3" X 1/2"	80x15				633.08	646	36
JZGAL24132	3" X 3/4"	80x20				632.1	645	36
JZGAL24133	3" X 1"	80x25	42	93	10	650.72	664	36
JZGAL24134	3" X 1-1/4"	80x32				637.98	651	36
JZGAL24135	3" X 1-1/2"	80x40				694.82	709	36
JZGAL24136	3" X 2"	80x50				773.22	789	36
JZGAL24137	3" X 2-1/2"	80x65				556.64	568	36
JZGAL24138	4" X 1/2"	100x15				1070.16	1092	18
JZGAL24139	4" X 3/4"	100x20				1085.84	1108	18
JZGAL24140	4" X 1"	100x25	49	118.4	11	1078.98	1101	18
JZGAL24141	4" X 1-1/4"	100x32				1126.02	1149	18
JZGAL24142	4" X 1-1/2"	100x40				1097.6	1120	18
JZGAL24143	4" X 2"	100x50				1121.12	1144	18
JZGAL24144	4" X 2-1/2"	100x65				1350.44	1378	18
JZGAL24145	4" X 3"	100x80				1203.44	1228	18

Fig.220
Part Thread Sockets



Code	Size		L mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
JZGAL22001	1/8"	6	23.5	/	/	/
JZGAL22002	1/4"	8	26	36.26	37	800
JZGAL22003	3/8"	10	29	46.06	47	700
JZGAL22004	1/2"	15	35	80.36	82	450
JZGAL22005	3/4"	20	38	113.68	116	300
JZGAL22006	1"	25	44	176.4	180	180
JZGAL22007	1-1/4"	32	49	264.6	270	120
JZGAL22008	1-1/2"	40	53	319.48	326	72
JZGAL22009	2"	50	63	543.9	555	48
JZGAL22010	2-1/2"	65	72	825.16	842	32
JZGAL22011	3"	80	77.5	1003.52	1024	24
JZGAL22012	4"	100	91.5	1702.26	1737	10
JZGAL22013	6"	150	118	3776.92	3854	4

Fig.1
90 Degree M&F Long
Sweep Bends



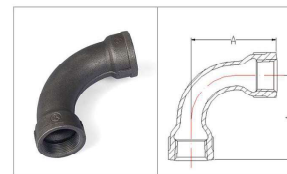
Code	Size		A mm	B mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black g	Galv. g	
JZGAL1001	3/8"	10	48	42	71.54	73	400
JZGAL1002	1/2"	15	55	48	115.84	118	280
JZGAL1003	3/4"	20	69	60	187.18	191	150
JZGAL1004	1"	25	85	75	304.78	311	80
JZGAL1005	1-1/4"	32	105	95	519.4	530	50
JZGAL1006	1-1/2"	40	116	105	665.42	679	24
JZGAL1007	2"	50	140	130	1123.08	1140	12
JZGAL1008	2-1/2"	65	176	165	2067.8	2110	8
JZGAL1009	3"	80	205	190	2955.68	3016	6
JZGAL1010	4"	100	260	245	5396.86	5507	2

Fig.280
Hexagon Nipples



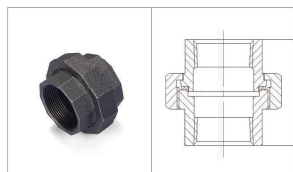
Code	Size		L mm	S mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black g	Galv. g	
JZGAL12001	1/4"	8	36	16.7	29.4	30	1000
JZGAL12002	3/8"	10	36	19.8	30.38	31	1000
JZGAL12003	1/2"	15	44	23.6	55.86	57	600
JZGAL12004	3/4"	20	47	29.2	84.28	86	300
JZGAL12005	1"	25	53	36	134.26	137	200
JZGAL12006	1-1/4"	32	56	45	196.2	100	140
JZGAL12007	1-1/2"	40	58	51	227.36	232	104
JZGAL12008	2"	50	68	63	365.54	373	56
JZGAL12009	2-1/2"	65	73	79.4	543.9	555	36
JZGAL12010	3"	80	81	91.6	768.32	784	24
JZGAL12011	4"	100	95	117	1237.74	1263	12
JZGAL12012	6"	150	107	170			

Fig.2
90 Degree Femal Long
Sweep Bends



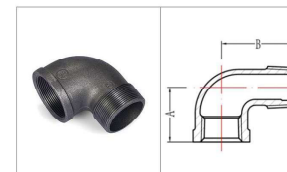
Code	Size		A mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
JZGAL201	3/8"	10	48	87.22	89	400
JZGAL202	1/2"	15	55	142.1	145	220
JZGAL203	3/4"	20	69	223.44	228	120
JZGAL204	1"	25	85	372.4	380	70
JZGAL205	1-1/4"	32	105	607.6	620	40
JZGAL206	1-1/2"	40	116	807.52	824	20
JZGAL207	2"	50	140	1206.12	1294	12
JZGAL208	2-1/2"	65	176	2243.22	2289	8
JZGAL209	3"	80	205	3234	3300	6
JZGAL210	4"	100	260	6056.4	6180	2

Fig.330
Union, Flat Seat



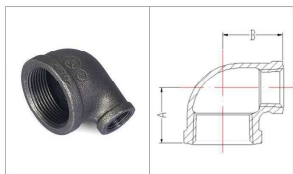
Code	Size		L mm	S mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black g	Galv. g	
JZGAL33001	3/8"	10	39	166.8	160	280	
JZGAL33002	1/2"	15	46	200.9	205	180	
JZGAL33003	3/4"	20	50	265.58	271	120	
JZGAL33004	1"	25	56	392	400	66	
JZGAL33005	1-1/4"	32	63	583.1	595	56	
JZGAL33006	1-1/2"	40	68	733.04	748	36	
JZGAL33007	2"	50	79	1050.44	1078	28	
JZGAL33008	2-1/2"	65	83	1675.8	1710	12	
JZGAL33009	3"	80	93	2175.6	2220	10	
JZGAL33010	4"	100	113.5	3724	3800	6	

Fig.92
90° M&F Elbow, Equal



Code	Size		L mm	S mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black g	Galv. g	
JZGAL9201	1/4"	8	20	28	37.24	38	600
JZGAL9202	3/8"	10	25	33	54.88	56	500
JZGAL9203	1/2"	15	28	38	87.22	89	300
JZGAL9204	3/4"	20	33	44	132.3	135	180
JZGAL9205	1"	25	38	52	204.82	209	104
JZGAL9206	1-1/4"	32	45	60	339.08	340	60
JZGAL9207	1-1/2"	40	50	65	434.14	443	52
JZGAL9208	2"	50	58	74	701.68	716	26
JZGAL9209	2-1/2"	65	69	90	1125.04	1148	12
JZGAL9210	3"	80	77.5	100	1547.42	1579	10
JZGAL9211	4"	100	96.5	120	2703.82	2759	6

Fig.90R
90 Degree Elbow, Reducing



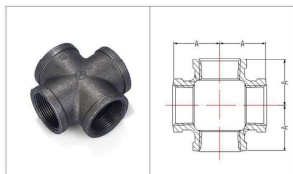
Code	Size		A mm	B mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black g	Galv. g	
JZGAL90R01	1/2" X 3/8"	15×10	25	25	74.48	76	270
JZGAL90R02	3/4" X 1/2"	20×15	29	30	122.5	125	270
JZGAL90R03	1" X 3/8"	25×10	29	31	143.08	146	160
JZGAL90R04	1" X 1/2"	25×15	31	33	161.7	165	160
JZGAL90R05	1" X 3/4"	25×20	34	35	184.24	188	160
JZGAL90R06	1-1/4" X 3/8"	32×10	31	36	213.64	218	100
JZGAL90R07	1-1/4" X 1/2"	32×15	34	37	227.36	232	100
JZGAL90R08	1-1/4" X 3/4"	32×20	36	40	252.84	258	100
JZGAL90R09	1-1/4" X 1"	32×25	40	41	285.18	291	90
JZGAL90R10	1-1/2" X 1/2"	40×15	35	41	266.56	272	90
JZGAL90R11	1-1/2" X 3/4"	40×20	37	43	307.82	309	90
JZGAL90R12	1-1/2" X 1"	40×25	41	45	342.02	349	70
JZGAL90R13	1-1/2" X 1-1/4"	40×32	45	47	400.82	409	58
JZGAL90R14	2" X 1/2"	50×15	37	47	398.86	407	68
JZGAL90R15	2" X 3/4"	50×20	40	49	423.36	432	52
JZGAL90R16	2" X 1"	50×25	43	51	476.28	486	50
JZGAL90R17	2" X 1-1/4"	50×32	47	53	552.72	564	40
JZGAL90R18	2" X 1-1/2"	50×40	51	54	588	600	30
JZGAL90R19	2-1/2" X 1/2"	65×15	40.5	56	579.18	591	46
JZGAL90R20	2-1/2" X 3/4"	65×20	43.5	57	613.48	626	40
JZGAL90R21	2-1/2" X 1"	65×25	47.5	59	686	700	34
JZGAL90R22	2-1/2" X 1-1/4"	65×32	51.5	61	732.06	747	30
JZGAL90R23	2-1/2" X 1-1/2"	65×40	54.5	61	772.24	788	26
JZGAL90R24	2-1/2" X 2"	65×50	59.5	64	904.54	923	24
JZGAL90R25	3" X 1/2"	80×15	42.5	64	735.98	751	36
JZGAL90R26	3" X 3/4"	80×20	45.5	65	770.28	786	30
JZGAL90R27	3" X 1"	80×25	49.5	67	830.06	847	20
JZGAL90R28	3" X 1-1/4"	80×32	54.5	69	931.98	951	20
JZGAL90R29	3" X 1-1/2"	80×40	57.5	71	952.56	972	20
JZGAL90R30	3" X 2"	80×50	61.5	71	1166.2	1190	12
JZGAL90R31	3" X 2-1/2"	80×65	71.5	74	1319.08	1346	12
JZGAL90R32	4" X 1/2"	100×15	49.5	78	1311.24	1338	14
JZGAL90R33	4" X 3/4"	100×20	53.5	79	1326.92	1354	14
JZGAL90R34	4" X 1"	100×25	56.5	82	1405.32	1434	14
JZGAL90R35	4" X 1-1/4"	100×32	60.5	85	1550.36	1582	14
JZGAL90R36	4" X 1-1/2"	100×40	62.5	85	1621.9	1655	10
JZGAL90R37	4" X 2"	100×50	68.5	86	1711.08	1746	10
JZGAL90R38	4" X 2-1/2"	100×65	77.5	89	1957.06	1997	8
JZGAL90R39	4" X 3"	100×80	82.5	90	2164.82	2209	8

Fig.131R
Tees Reducing



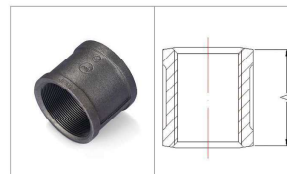
Code	Size		A mm	B mm	C mm	Init Weight		Packing Carton Pcs/ctn
	NPS	DN				Black g	Galv. g	
JZGAL131R01	3/4"×1/2"×1/2"	20×15×15	29	30	27	159.74	163	120
JZGAL131R02	1"×1/2"×3/4"	25×15×20	31	33	29	191.1	195	120
JZGAL131R03	1"×3/4"×3/4"	25×20×20	34	35	32	157.78	161	120
JZGAL131R04	1-1/4"×1/2"×1"	32×15×25	33	37	31	234.22	239	80
JZGAL131R05	1-1/4"×3/4"×1"	32×20×25	36	40	34	287.14	293	60
JZGAL131R06	1-1/4"×1"×1"	32×25×25	39	40	36	355.74	363	60
JZGAL131R07	1-1/4"×1-1/4"×1"	32×32×25	44.5	44.5	41	408.7	415	40
JZGAL131R08	1-1/2"×1/2"×1-1/4"	40×15×32	35	41	33	539.98	551	32
JZGAL131R09	1-1/2"×3/4"×1-1/4"	40×20×32	37	43	36	514.5	525	36
JZGAL131R10	1-1/2"×1"×1"	40×25×25	40	44	36	641.9	655	28
JZGAL131R11	1-1/2"×1"×1-1/4"	40×25×32	41	45	40	711.48	728	20
JZGAL131R12	1-1/2"×1-1/4"×1"	40×32×25	45	47	41	879.06	897	16
JZGAL131R13	1-1/2"×1-1/4"×1-1/4"	40×32×32	45	47	44.5	1056.44	1078	12
JZGAL131R14	1 1/2"×1 1/2"×1"	40×40×25	48.5	48.5	45	1025.08	1048	16
JZGAL131R15	1-1/2"×2"×1-1/4"	40×50×32	54	51	53	1336.72	1364	10
JZGAL131R16	2"×1/2"×1-1/2"	50×15×40	37	47	35	1622.88	1656	10
JZGAL131R17	2"×3/4"×1-1/2"	50×20×40	40	40	37	2530.36	2582	6
JZGAL131R18	2"×1"×1-1/4"	50×25×32	43	51	40	299.88	306	64
JZGAL131R19	2"×1"×1-1/2"	50×25×40	42	49	40	344.96	352	68
JZGAL131R20	2"×1-1/4"×1-1/4"	50×32×32	47	50	44.5	392	400	60
JZGAL131R21	2"×1-1/4"×1-1/2"	50×32×40	47	53	45	491.96	502	40
JZGAL131R22	2"×1-1/2"×1"	50×40×25	51	54	45	377.3	385	42
JZGAL131R23	2"×1-1/2"×1-1/2"	50×40×40	51	54	48.5	406.7	415	40
JZGAL131R24	2"×2"×1"	50×50×25	57	57	51	451.78	461	40
JZGAL131R25	2-1/2"×1/2"×2"	65×15×50	40.5	56	37	534.1	545	36
JZGAL131R26	2-1/2"×3/4"×2"	65×20×50	43.5	57	40	620.34	633	30
JZGAL131R27	2-1/2"×1"×2"	65×25×50	45	58	42	702.66	717	24
JZGAL131R28	2-1/2"×1-1/4"×1-1/2"	65×32×40	51.5	61	45	599.76	612	30
JZGAL131R29	2-1/2"×1-1/4"×2"	65×32×50	51.5	61	47	673.26	687	30
JZGAL131R30	2-1/2"×1-1/2"×2"	65×40×50	54.5	62	51	525.28	536	36
JZGAL131R31	2-1/2"×2"×2"	65×50×50	59.5	64	57	525.28	536	36
JZGAL131R32	3"×1"×2-1/2"	80×25×65	49.5	67	47.5	525.28	536	36
JZGAL131R33	3"×1-1/4"×2-1/2"	80×32×65	54.5	69	51.5	552.72	564	24
JZGAL131R34	3"×1-1/2"×2-1/2"	80×40×65	57.5	71	54.5	562.52	574	24
JZGAL131R35	3"×2"×2-1/2"	80×50×65	61.5	71	59.5	705.6	720	16
JZGAL131R36	3"×2-1/2"×2-1/2"	80×65×65	71.5	74	68.5	754.6	770	16

Fig.180
Crosshead Female



Code	Size		A	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
JZGAL18001	1/2"	15	27	167	170	180
JZGAL18002	3/4"	20	32	246	251	96
JZGAL18003	1"	25	37	380	388	72
JZGAL18004	1-1/4"	32	44.5	576	588	36
JZGAL18005	1-1/2"	40	48.5	712	727	30
JZGAL18006	2"	50	57	1147	1170	12
JZGAL18007	2-1/2"	65	68.5	1740	1776	10
JZGAL18008	3"	80	77.5	2478	2529	6
JZGAL18009	4"	100	96.5	4211	4297	2

Fig.270
Entire Thread Sockets



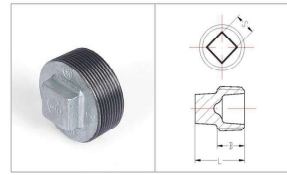
Code	Size		A	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN		Black g	Galv. g	
JZGAL27001	1/4"	8	26	38.22	39	800
JZGAL27002	3/8"	10	29	48.02	49	700
JZGAL27003	1/2"	15	35	82.32	84	450
JZGAL27004	3/4"	20	38	115.64	118	300
JZGAL27005	1"	25	44	178.36	182	180
JZGAL27006	1-1/4"	32	49	263.62	269	120
JZGAL27007	1-1/2"	40	53	338.1	345	72
JZGAL27008	2"	50	63	583.1	595	48
JZGAL27009	2-1/2"	65	72	822.22	839	32
JZGAL27010	3"	80	77.5	1065.26	1087	24
JZGAL27011	4"	100	91.5	1774.78	1811	10
JZGAL27012	6"	150	118	3789.66	3867	4

Fig.245
Nipples, Reducing



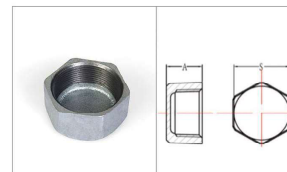
Code	Size		L	S	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black g	Galv. g	
JZGAL24501	1/2" X 1/4"	15x8	44	22	47.04	48	600
JZGAL24502	1/2" X 3/8"	15x10	44	22	59.76	61	600
JZGAL24503	3/4" X 1/2"	20x15	47	29.9	91.14	93	400
JZGAL24504	1" X 1/2"	25x15	53	35.8	115.64	118	260
JZGAL24505	1" X 3/4"	25x20	53	35.8	137.2	140	240
JZGAL24506	1-1/4" X 1/2"	32x15	57	45.6	177.38	181	160
JZGAL24507	1-1/4" X 3/4"	32x20	57	45.6	181.3	185	140
JZGAL24508	1-1/4" X 1"	32x25	57	45.6	192.08	196	140
JZGAL24509	1-1/2" X 1/2"	40x15	59	50.5	202.86	207	130
JZGAL24510	1 1/2" X 3/4"	40x20	60	60.5	207.76	212	130
JZGAL24511	1-1/2" X 1"	40x25	59	50.5	225.4	230	120
JZGAL24512	1-1/2" X 1-1/4"	40x32	59	50.5	235.2	240	100
JZGAL24513	2" X 1/2"	50x15	68	63.5	323.4	330	75
JZGAL24514	2" X 3/4"	50x20	68	63.5	334.18	341	72
JZGAL24515	2" X 1"	50x25	68	63.5	343	350	72
JZGAL24516	2" X 1-1/4"	50x32	68	63.5	352.8	360	72
JZGAL24517	2" X 1-1/2"	50x40	68	63.5	366.52	374	60
JZGAL24518	2-1/2" X 2"	65x50	73	79.4	/	/	/
JZGAL24519	3" X 2"	80x50	81	91.6	749.7	765	24
JZGAL24520	3"x2-1/2"	80x65	81	91.6	/	/	/
JZGAL24521	4"x2"	100x50	95	117	/	/	/
JZGAL24522	4"x2-1/2"	100x65	95	117	/	/	/
JZGAL24523	4"x3"	100x80	95	117	/	/	/

Fig.291
Plain Plug



Code	Size		L	B	S	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN				Black g	Galv. g	
JZGAL29101	1/4"	8	15.5	10	6	8.82	9	2400
JZGAL29102	3/8"	10	17	10	7	15.68	16	2200
JZGAL29103	1/2"	15	22.5	13	10	24.5	25	1400
JZGAL29104	3/4"	20	24	14	12	36.26	37	800
JZGAL29105	1"	25	27	16.5	15	57.82	59	500
JZGAL29106	1-1/4"	32	30	20	18	103.88	106	300
JZGAL29107	1-1/2"	40	31	21	22	140.14	143	200
JZGAL29108	2"	50	36	25	26	230.3	235	120
JZGAL29109	2-1/2"	65	40.5	26.5	30	348.88	356	72
JZGAL29110	3"	80	45.5	29.5	34	512.54	523	64
JZGAL29111	4"	100	57	38	44	978.04	998	36
JZGAL29112	6"	150	65	42	65	/	/	/

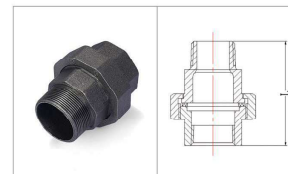
Fig.300
Caps



Code	Size		A	S	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black g	Galv. g	
JZGAL30001	3/8"	10	17	20.6	29.4	30	1200
JZGAL30002	1/2"	15	19	24.6	44.1	45	700
JZGAL30003	3/4"	20	22	30.4	68.6	70	500
JZGAL30004	1"	25	24	37.2	106.82	109	360
JZGAL30005	1-1/4"	32	27	47	180.32	184	220
JZGAL30006	1-1/2"	40	28	53	223.44	228	160
JZGAL30007	2"	50	32	65	349.86	357	100

Fig.301
Round Caps


Code	Size		A	Unit Weight		Packing Carton
	NPS	DN	mm	Black g	Galv. g	Pcs/ctn
JZGAL30101	1/4"	8	16	24.5	25	1200
JZGAL30102	3/8"	10	17	29.4	30	1200
JZGAL30103	1/2"	15	19	47.04	48	700
JZGAL30104	3/4"	20	22	68.6	70	500
JZGAL30105	1"	25	24	106.82	109	360
JZGAL30106	1-1/4"	32	27	162.68	166	220
JZGAL30107	1-1/2"	40	27.5	203.84	208	160
JZGAL30108	2"	50	32	319.48	326	100
JZGAL30109	2-1/2"	65	36	432.18	441	60
JZGAL30110	3"	80	39	610.54	623	38
JZGAL30111	4"	100	48	1078.98	1101	20
JZGAL30112	6"	150	56			

Fig.331
Union, Flat Seat, M&F


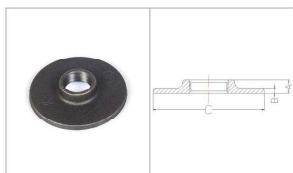
Code	Size		L	Unit Weight		Packing Carton
	NPS	DN	mm	Black g	Galv. g	Pcs/ctn
JZGAL33101	1/2"	15	64	219.52	224	140
JZGAL33102	3/4"	20	70	275.38	281	120
JZGAL33103	1"	25	78	423.36	432	80
JZGAL33104	1-1/4"	32	88	661.5	675	40
JZGAL33105	1-1/2"	40	93	784	800	32
JZGAL33106	2"	50	104	1200.5	1225	20

Fig.310
Backnut

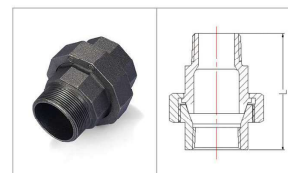

Code	Size		A	S	Unit Weight		Packing Carton
	NPS	DN	mm	mm	Black g	Galv. g	Pcs/ctn
JZGAL31001	1/2"	15	9	29	28.42	29	700
JZGAL31002	3/4"	20	10	36	44.1	45	500
JZGAL31003	1"	25	11	45	75.46	77	400
JZGAL31004	1-1/4"	32	11	56	99.96	102	300
JZGAL31005	1-1/2"	40	12	63	135.24	138	240
JZGAL31006	2"	50	13	77	205.8	210	160
JZGAL31007	2-1/2"	65	15	93	298.9	305	60
JZGAL31008	3"	80	18	109	495.88	506	50
JZGAL31009	4"	100	21	137	841.82	859	40

Fig.340
Union, Taper Seat


Code	Size		L	Unit Weight		Packing Carton
	NPS	DN	mm	Black g	Galv. g	Pcs/ctn
JZGAL34001	1/4"	8	42	103.88	106	200
JZGAL34002	3/8"	10	45	152.88	156	200
JZGAL34003	1/2"	15	47	164.64	168	180
JZGAL34004	3/4"	20	51.5	251.86	257	120
JZGAL34005	1"	25	57	330.26	337	88
JZGAL34006	1-1/4"	32	65	500.56	512	56
JZGAL34007	1-1/2"	40	71	703.64	718	36
JZGAL34008	2"	50	79	1023.12	1044	28
JZGAL34009	2-1/2"	65	85.5	1615.04	1648	12
JZGAL34010	3"	80	94.5	2242.24	2288	10
JZGAL34011	4"	100	110.5	3615.22	3689	6

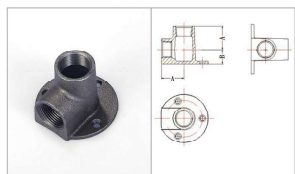
Fig.321
Round Flange, Without Bolt Hole


Code	Size		A	B	C	Unit Weight		Packing Carton
	NPS	DN	mm	mm	mm	Black g	Galv. g	Pcs/ctn
JZGAL32101	1/2"	15	13.5	4.5	78	165.62	169	120
JZGAL32102	3/4"	20	16	5	87	224.42	229	100
JZGAL32103	1"	25	18	5.5	97	300.86	307	60
JZGAL32104	1-1/4"	32	15	6	120	512.54	523	40
JZGAL32105	1-1/2"	40	16	7	130	669.34	683	40
JZGAL32106	2"	50	18	8	140	865.34	883	30
JZGAL32107	2-1/2"	65	20	9	160	1303.4	1330	16
JZGAL32108	3"	80	22	10	190	1869.84	1908	12
JZGAL32109	4"	100	24	11	210	2326.52	2374	10

Fig.341
Union, Taper Seat, M&F


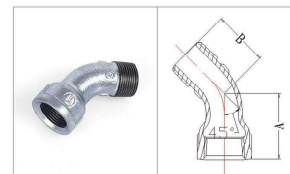
Code	Size		L	Unit Weight		Packing Carton
	NPS	DN	mm	Black g	Galv. g	Pcs/ctn
JZGAL34101	1/2"	15	65	196	200	140
JZGAL34102	3/4"	20	71.5	289.1	295	120
JZGAL34103	1"	25	79	392	400	80
JZGAL34104	1-1/4"	32	90	635.04	648	40
JZGAL34105	1-1/2"	40	96	801.64	818	32
JZGAL34106	2"	50	107	1149.54	1173	20

Fig.471
Wall Elbow



Code	Size		A	B	Unit Weight		Packing Carton
	NPS	DN			Black g	Galv. g	
JZGAL47101	1/2"	15	28	18	181.3	185	150
JZGAL47102	3/4"	20	33	20	259.7	265	100

Fig.40
45 Degree M&F Long Sweep Bends



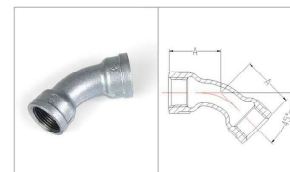
Code	Size		A	B	Unit Weight		Packing Carton
	NPS	DN			Black g	Galv. g	
JZGAL4001	1/2"	15	36	30	87	88	180
JZGAL4002	3/4"	20	43	36	88	144	160
JZGAL4003	1"	25	51	42	89	224	80
JZGAL4004	1-1/4"	32	64	54	90	362	50
JZGAL4005	1-1/2"	40	68	58	91	450	24
JZGAL4006	2"	50	81	70	92	752	12
JZGAL4007	2-1/2"	65	99	86	93	1344	8
JZGAL4008	3"	80	113	100	94	1963	6
JZGAL4009	4"	100	142	126	/	/	2

Fig.529
Socket M&F



Code	Size		A	Unit Weight		Packing Carton
	NPS	DN		Black g	Galv. g	
JZGAL529A01	1/2"	15	44	56.8	58	600
JZGAL529A02	3/4"	20	45	89.2	91	380
JZGAL529A03	1"	25	52	137.2	140	180
JZGAL529A04	1-1/4"	32	57	198.0	202	120
JZGAL529A05	1-1/2"	40	60	249.9	255	80
JZGAL529A06	2"	50	66	384.2	392	48

Fig.41
45 Degree Femal Long Sweep Bends



Code	Size		A	Unit Weight		Packing Carton
	NPS	DN		Black g	Galv. g	
JZGAL4101	1/2"	15	36	119.56	122	180
JZGAL4102	3/4"	20	43	180.32	184	160
JZGAL4103	1"	25	51	286.16	292	80
JZGAL4104	1-1/4"	32	64	461.58	471	50
JZGAL4105	1-1/2"	40	68	/	/	24
JZGAL4106	2"	50	81	/	/	12
JZGAL4107	2-1/2"	65	99	/	/	8
JZGAL4108	3"	80	113	/	/	6
JZGAL4109	4"	100	142	/	/	2

Fig.1221
Banded Side Outlet Elbow



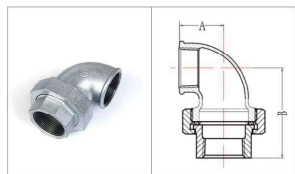
Code	Size		A	Unit Weight		Packing Carton
	NPS	DN		Black g	Galv. g	
JZGAL122101	1/2"	15	27	125.4	128	240
JZGAL122102	3/4"	20	32	196.0	200	140
JZGAL122103	1"	25	37	300.9	307	90

Fig.85
Crossover



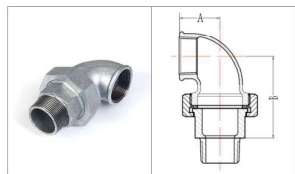
Code	Size		L	Unit Weight		Packing Carton
	NPS	DN		Black g	Galv. g	
JZGAL8501	1/2"	15	90	184.24	188	150
JZGAL8502	3/4"	20	104	281.26	287	90
JZGAL8503	1"	25	120	436.1	445	50
JZGAL8504	1-1/4"	32	149	698.74	713	32
JZGAL8505	1-1/2"	40	160	871.22	889	26
JZGAL8506	2"	50	194	1511.16	1542	12

Fig.95
Union Elbow Flat Seat FF



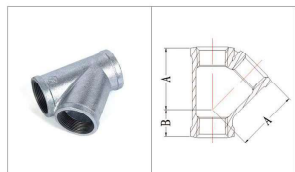
Code	Size		A	B	Unit Weight		Packing Carton
	NPS	DN	mm	mm	Black g	Galv. g	
JZGAL9501	1/2"	15	24.5	54	194.04	198	60
JZGAL9502	3/4"	20	29	60	303.8	310	40
JZGAL9503	1"	25	35	68	471.38	481	30
JZGAL9504	1-1/4"	32	42	80	703.64	718	20
JZGAL9505	1-1/2"	40	45.5	86	873.18	891	18
JZGAL9506	2"	50	53.5	97	1327.9	1355	10

Fig.97
Union Elbow Flat Seat MF



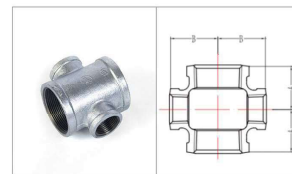
Code	Size		A	B	Unit Weight		Packing Carton
	NPS	DN	mm	mm	Black g	Galv. g	
JZGAL9701	1/2"	15	24.5	72	220.5	225	60
JZGAL9702	3/4"	20	29	80	328.3	335	40
JZGAL9703	1"	25	35	90	517.44	528	30
JZGAL9704	1-1/4"	32	42	105	770.28	786	20
JZGAL9705	1-1/2"	40	45.5	111	969.22	989	16
JZGAL9706	2"	50	53.5	125	1473.02	1504	10

Fig.165
Lateral Y Branch 45° Tee



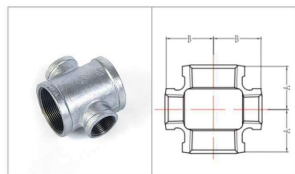
Code	Size		A	B	Unit Weight		Packing Carton
	NPS	DN	mm	mm	Black g	Galv. g	
JZGAL16501	1/2"	15	42	18	161.7	165	240
JZGAL16502	3/4"	20	51.5	18.5	244.02	249	100
JZGAL16503	1"	25	62	23	375.34	383	80
JZGAL16504	1-1/4"	32	75	28	595.84	608	40
JZGAL16505	1-1/2"	40	82	30	743.82	759	30
JZGAL16506	2"	50	100.5	32.5	1189.72	1214	16
JZGAL16507	2-1/2"	65	125	39	1935.5	1975	10
JZGAL16508	3"	80	140	45	2651.88	2706	8
JZGAL16509	4"	100	180	55	4817.68	4916	2

Fig.180R
Crosses, Reducing



Code	Size		A	B	Unit Weight		Packing Carton
	NPS	DN	mm	mm	Black g	Galv. g	
JZGAL180R01	3/4" X 1/2"	20x15	29	30	199	203	120
JZGAL180R02	1" X 1/2"	25x15	31	33	261	266	96
JZGAL180R03	1" X 3/4"	25x20	34	35	310	316	80
JZGAL180R04	1-1/4" X 1/2"	32x15	34	37	365	372	64
JZGAL180R05	1-1/4" X 3/4"	32x20	36	40	407	415	60
JZGAL180R06	1-1/4" X 1"	32x25	40	41	460	469	56
JZGAL180R07	1-1/2" X 1/2"	40x15	35	41	414	422	52
JZGAL180R08	1-1/2" X 3/4"	40x20	37	43	473	483	52
JZGAL180R09	1-1/2" X 1"	40x25	41	45	522	533	42
JZGAL180R10	1-1/2" X 1-1/4"	40x32	45	47	646	659	34
JZGAL180R11	2" X 1/2"	50x15	37	47	616	629	36
JZGAL180R12	2" X 3/4"	50x20	40	49	674	688	36
JZGAL180R13	2" X 1"	50x25	43	51	743	758	28
JZGAL180R14	2" X 1-1/4"	50x32	47	53	832	849	28
JZGAL180R15	2" X 1-1/2"	50x40	51	54	901	919	20
JZGAL180R16	2-1/2" X 1/2"	65x15	40.5	56	878	896	20
JZGAL180R17	2-1/2" X 3/4"	65x20	43.5	57	950	969	20
JZGAL180R18	2-1/2" X 1"	65x25	47.5	59	1035	1056	18
JZGAL180R19	2-1/2" X 1-1/4"	65x32	51.5	61	1174	1198	16
JZGAL180R20	2-1/2" X 1-1/2"	65x40	54.5	61	1201	1225	14
JZGAL180R21	2-1/2" X 2"	65x50	59.5	64	1438	1467	10
JZGAL180R22	3" X 1/2"	80x15	42.5	64	1107	1130	12
JZGAL180R23	3" X 3/4"	80x20	45.5	65	1155	1179	12
JZGAL180R24	3" X 1"	80x25	49.5	67	1290	1316	12
JZGAL180R25	3" X 1-1/4"	80x32	54.5	69	1438	1467	12
JZGAL180R26	3" X 1-1/2"	80x40	57.5	71	1560	1592	10
JZGAL180R27	3" X 2"	80x50	61.5	71	1695	1730	10
JZGAL180R28	3" X 2-1/2"	80x65	71.5	74	1981	2021	8
JZGAL180R29	4" X 1/2"	100x15	49.5	78	1826	1863	6
JZGAL180R30	4" X 3/4"	100x20	53.5	79	1886	1924	6
JZGAL180R31	4" X 1"	100x25	56.5	82	2025	2060	6
JZGAL180R32	4" X 1-1/4"	100x32	60.5	85	2264	2310	6
JZGAL180R33	4" X 1-1/2"	100x40	62.5	85	2288	2335	4
JZGAL180R34	4" X 2"	100x50	68.5	86	2529	2581	4
JZGAL180R35	4" X 2-1/2"	100x65	77.5	89	2919	2977	4
JZGAL180R36	4" X 3"	100x80	82.5	90	3177	3242	4

Fig.180R
Crosses, Reducing



Code	Size		A mm	B mm	Unit Weight		Packing Carton Pcs/ctn
	NPS	DN			Black g	Galv. g	
JZGAL180R01	3/4 "X 1/2"	20×15	29	30	199	203	120
JZGAL180R02	1" X 1/2"	25×15	31	33	261	266	96
JZGAL180R03	1 "X 3/4"	25×20	34	35	310	316	80
JZGAL180R04	1-1/4" X 1/2"	32×15	34	37	365	372	64
JZGAL180R05	1-1/4" X 3/4"	32×20	36	40	407	415	60
JZGAL180R06	1-1/4" X 1"	32×25	40	41	460	469	56
JZGAL180R07	1-1/2" X 1/2"	40×15	35	41	414	422	52
JZGAL180R08	1-1/2" X 3/4"	40×20	37	43	473	483	52
JZGAL180R09	1-1/2" X 1"	40×25	41	45	522	533	42
JZGAL180R10	1-1/2" X 1-1/4"	40×32	45	47	646	659	34
JZGAL180R11	2 "X 1/2"	50×15	37	47	616	629	36
JZGAL180R12	2 "X 3/4"	50×20	40	49	674	688	36
JZGAL180R13	2 "X 1"	50×25	43	51	743	758	28
JZGAL180R14	2 "X 1-1/4"	50×32	47	53	832	849	28
JZGAL180R15	2" X 1-1/2"	50×40	51	54	901	919	20
JZGAL180R16	2-1/2" X 1/2"	65×15	40.5	56	878	896	20
JZGAL180R17	2-1/2" X 3/4"	65×20	43.5	57	950	969	20
JZGAL180R18	2-1/2" X 1"	65×25	47.5	59	1035	1056	18
JZGAL180R19	2-1/2" X 1-1/4"	65×32	51.5	61	1174	1198	16
JZGAL180R20	2-1/2" X 1-1/2"	65×40	54.5	61	1201	1225	14
JZGAL180R21	2-1/2" X 2"	65×50	59.5	64	1438	1467	10
JZGAL180R22	3 "X 1/2"	80×15	42.5	64	1107	1130	12
JZGAL180R23	3 "X 3/4"	80×20	45.5	65	1155	1179	12
JZGAL180R24	3 "X 1"	80×25	49.5	67	1290	1316	12
JZGAL180R25	3 "X 1-1/4"	80×32	54.5	69	1438	1467	12
JZGAL180R26	3 "X 1-1/2"	80×40	57.5	71	1560	1592	10
JZGAL180R27	3 "X 2"	80×50	61.5	71	1695	1730	10
JZGAL180R28	3 "X 2-1/2"	80×65	71.5	74	1981	2021	8
JZGAL180R29	4 "X 1/2"	100×15	49.5	78	1826	1863	6
JZGAL180R30	4 "X 3/4"	100×20	53.5	79	1886	1924	6
JZGAL180R31	4 "X 1"	100×25	56.5	82	2025	2066	6
JZGAL180R32	4 "X 1-1/4"	100×32	60.5	85	2264	2310	6
JZGAL180R33	4 "X 1-1/2"	100×40	62.5	85	2288	2335	4
JZGAL180R34	4 "X 2"	100×50	68.5	86	2529	2581	4
JZGAL180R35	4" X 2-1/2"	100×65	77.5	89	2819	2877	4
JZGAL180R36	4 "X 3"	100×80	82.5	90	3177	3242	4