

NEW

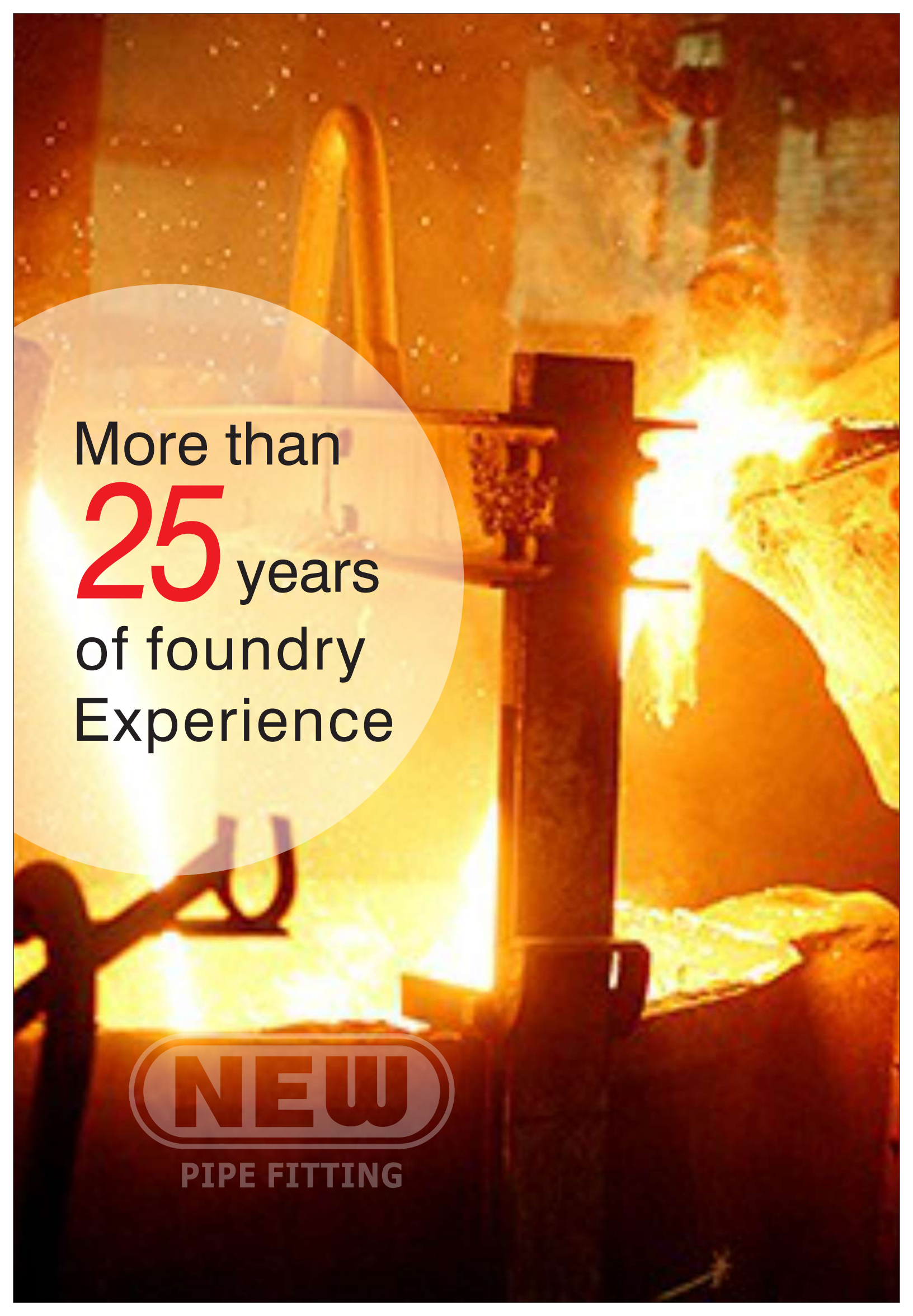
IS:1879



Galvanized Iron (G.I) Pipe Fittings

Professional Quality Trustworthy





More than
25 years
of foundry
Experience

NEW

PIPE FITTING



Galvanized Iron (G.I) Pipe Fittings

IS:1879



Company Profile

“Quality is not an act, it is a habit”

Dear Customers of NEW Galvanized Iron (G.I) Pipe Fittings

We live in a world that changes all the time, but no matter how it changes, one thing is eternal : Our pursuit of product quality and conservation of the win-win co-operation relationship with our partners. We believe in – “Manufacturing relationships and distributing quality”. Significant changes have taken place in the economic scenario during the past decade. Increased global competition has brought in both challenges and opportunities. The challenge is to not only retain the market share but also to increase it steadily through quality consciousness and stable pricing.

“Manufacturing is more than just putting parts together. It's coming up with ideas, testing principals and perfecting the engineering as well as final assembly.”

GREEN MALLEABLES PVT. LIMITED is a leading unit in organized sector engaged in manufacturing of Ductile Iron Pipe Fittings, Malleable Iron Pipe Fittings and Groove Fittings. Our products have been widely accepted in the market due to superior quality and accuracy. Due to our commitment towards quality consciousness, development systems and implementation methods, our company has been awarded ISO 9001-2008 certification from “UL MANAGEMENT SYSTEMS SOLUTIONS”. The latest plant and machinery installed by the company is managed by a competent team of professionals in engineering and technology.

“Customer Loyalty is Priceless”

Customer satisfaction has always been the company's top priority, and we constantly stick to the principal to provide customer with a value added solution rather than simply delivering products.

Quality is never an accident ; it is always the result of high intention, sincere effort, intelligent direction and skillful execution ; it represents the wise choice of many alternatives. We insist on the management philosophy, 'to operate with integrity, first-rate service, harmony, environment friendly, serving the community'; inherit management principle, 'people-oriented management-innovation, continuous improvement', and pursue enterprise spirit, 'Innovation, sincerity and high efficiency'. Depending on good business reputation, reliable product quality and attentive services, we win the believing, supporting and favorable report from a wide range of customers.





Galvanized Iron (G.I) Pipe Fittings

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Galvanized Iron (G.I) Pipe Fittings

Reliability in Real Sense

Dimensions: ASME B16.3, B16. 14

Threads: Threaded as per BSPT/NPT

Size Available: 1/2" - 2"



90
GI Elbow, 90°



90R
GI Reducing Elbow, 90°



130
GI Tee



130R
GI Reducing Tee



180
GI Cross



180R
GI Reducing Cross



220
GI Coupling



240
GI Reducing Coupling



241
GI Outside Hex Bushing



342
GI Union



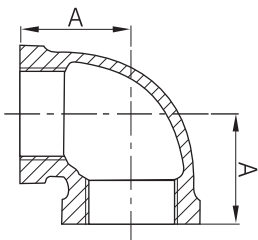
291
GI Plug



300
GI Cap

90

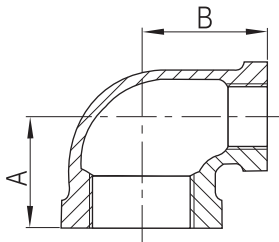
Elbow, 90°



Size	Inch	½	¾	1	1¼	1½	2
	mm	15	20	25	32	40	50
Dim. (mm)	A	28.5	33.3	38.1	44.5	49.3	57.2
Size	Inch	2½	3				
	mm	65	80				
Dim. (mm)	A	68.6	78.2				

90R

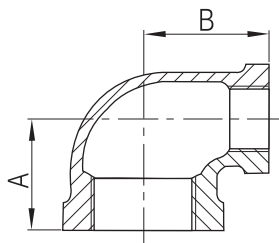
Reducing Elbow, 90°



Size	Inch	¾ X ½	1 X ½	1 X ¾	1¼ X ½	1¼ X ¾
	mm	20X15	25X15	25X20	32X15	32X20
Dim. (mm)	A	30.5	32	34.8	34	36.8
	B	31	35.5	36.8	38.9	41.2
Size	Inch	1¼ X 1	1½ X ½	1½ X ¾	1½ X 1	1½ X 1¼
	mm	32X25	40X15	40X20	40X25	40X32
Dim. (mm)	A	40.1	35.8	38.6	41.9	46.2
	B	42.4	42.2	44.5	45.7	47.8

90R

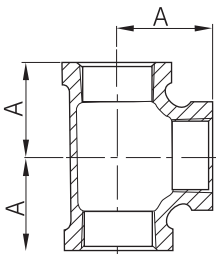
Reducing Elbow, 90°



Size	Inch	2 X ½	2 X ¾	2 X 1	2 X 1¼	2 X 1½
	mm	50X15	50X20	50X25	50X32	50X40
Dim. (mm)	A	37.9	40.6	43.9	48.3	51.3
	B	47.8	50	51.3	53.3	54.9
Size	Inch					
	mm					
Dim. (mm)	A					
	B					

130

Tee



Size	Inch	½	¾	1	1¼	1½	2
	mm	15	20	25	32	40	50
Dim. (mm)	A	28.5	33.3	38.1	44.5	49.3	57.2
Size	Inch	2½	3	4			
	mm	65	80	100			
Dim. (mm)	A	68.6	78.2	96.3			

NEW

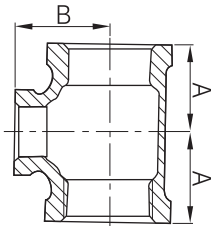
Galvanized Iron (G.I) Pipe Fittings

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130R

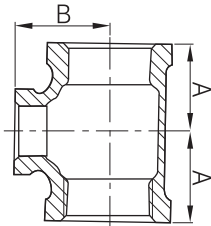
Reducing Tee



Size	Inch	¾ X ½	1 X ½	1 X ¾	1¼ X ½	1¼ X ¾
	mm	20X15	25X15	25X20	32X15	32X20
Dim. (mm)	A	30.5	32	34.8	34	36.8
	B	31	35.5	36.8	38.9	41.2
Size	Inch	1¼ X 1	1½ X ½	1½ X ¾	1½ X 1	1½ X 1¼
	mm	32X25	40X15	40X20	40X25	40X32
Dim. (mm)	A	40.1	35.8	38.6	41.9	46.2
	B	42.4	42.2	44.5	45.7	47.8

130R

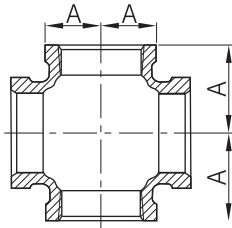
Reducing Tee



Size	Inch	2 X ½	2 X ¾	2 X 1	2 X 1¼	2 X 1½
	mm	50X15	50X20	50X25	50X32	50X40
Dim. (mm)	A	37.9	40.6	43.9	48.3	51.3
	B	47.8	50	51.3	53.3	54.9
Size	Inch					
	mm					
Dim. (mm)	A					
	B					

180

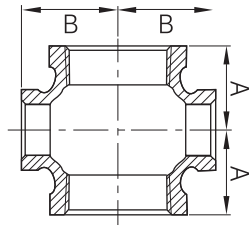
Cross



Size	Inch	¾	1	1¼	1½	2	
	mm	20	25	32	40	50	
Dim. (mm)	A	33.1	38.1	44.5	49.3	57.2	
	B						
Size	Inch						
	mm						
Dim. (mm)	A						
	B						

180R

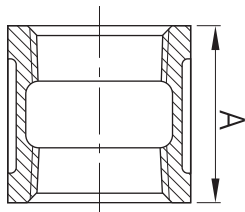
Reducing Cross



Size	Inch	1¼ X 1	1½ X 1	1½ X 1¼	2X1	
	mm	32X25	40X25	40X32	50X25	
Dim. (mm)	A	40.1	41.9	46.2	43.9	
	B	42.4	45.7	47.8	51.3	
Size	Inch					
	mm					
Dim. (mm)	A					
	B					

220

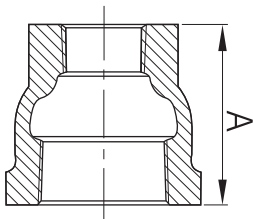
Coupling



Size	Inch	½	¾	1	1¼	1½	2
	mm	15	20	25	32	40	50
Dim. (mm)	A	34.0	38.6	42.4	49	54.6	64.3
Size	Inch						
	mm						
Dim. (mm)	A						

240

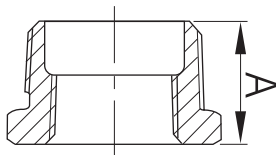
Reducing Coupling



Size	Inch	1 X ½	1 X ¾	1¼ X ¾	1¼ X 1	1½ X 1
	mm	25X15	25X20	32X20	32X25	40X25
Dim. (mm)	A	42.9	42.9	52.3	52.3	58.7
Size	Inch	1½ X 1¼	2X1	2 X 1¼	2 X 1½	
	mm	40X32	50X25	50X32	50X40	
Dim. (mm)	A	58.7	71.4	71.4	71.4	

241

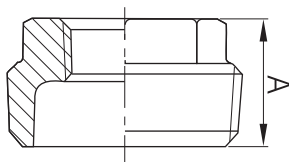
Outside Hex Bushing



Size	Inch	1 X ½	1 X ¾	1¼ X 1	1½ X 1	1½ X 1¼
	mm	25X15	25X20	32X25	40X25	40X32
Dim. (mm)	A	25.5	25.5	27.4	29	29
Size	Inch	2 X 1¼	2 X 1½			
	mm	50X32	50X40			
Dim. (mm)	A	31	31			

241N

Inside Hex Bushing



Size	Inch	2X1				
	mm	50X25				
Dim. (mm)	A Min	32.8				
Size	Inch					
	mm					
Dim. (mm)	A Min					

NEW

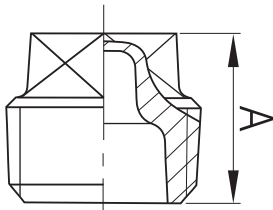
Galvanized Iron (G.I.) Pipe Fittings

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291

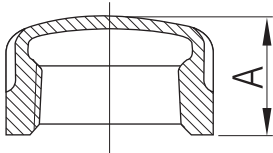
Plug



Size	Inch	½	¾	1	1¼	1½
	mm	15	20	25	32	40
Dim. (mm)	A Min	23.9	27.2	31.8	34.5	36.9
Size	Inch	2				
	mm	50				
Dim. (mm)	A Min	39.7				

300

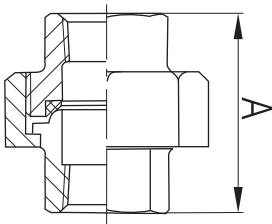
Cap



Size	Inch	½	¾	1	1¼	1½
	mm	15	20	25	32	40
Dim. (mm)	A Min	22.1	24.6	29.5	32.5	33.8
Size	Inch	2	2½			
	mm	50	65			
Dim. (mm)	A Min	36.8	43.2			

342

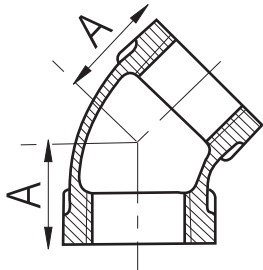
Union



Size	Inch	1	1¼	1½	2	
	mm	25	32	40	50	
Dim. (mm)	A Min	52.5	57.5	61	70	
Size	Inch					
	mm					
Dim. (mm)	A Min					

45

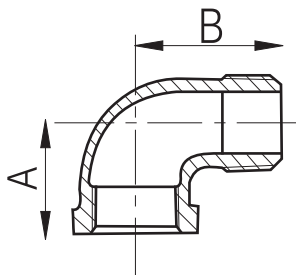
Elbow, 45°



Size	Inch	½	¾	1	1¼	1½	2
	mm	15	20	25	32	40	50
Dim. (mm)	A			28	33	50	58
Size	Inch	2½					
	mm	65					
Dim. (mm)	A	69					

92

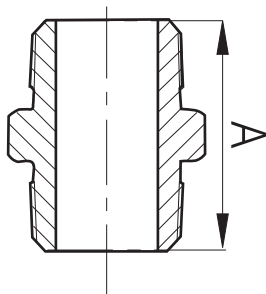
Street Elbow, 90°



Size	Inch	1/2	3/4	1	1 1/4	1 1/2	2
	mm	15	20	25	32	40	50
Dim. (mm)	A	28	33	38	45	50	58
	B	37	43	52	60	65	74
Size	Inch						
	mm						
Dim. (mm)	A						

280

Hexagon Nipple



Size	Inch	1/2	3/4	1	1 1/4	1 1/2	2
	mm	15	20	25	32	40	50
Dim. (mm)	A	44	47	53	57	59	68
Size	Inch	2 1/2					
	mm	65					
Dim. (mm)	A	75					

Available in Yellow Powder Coat Finish



Union



Socket



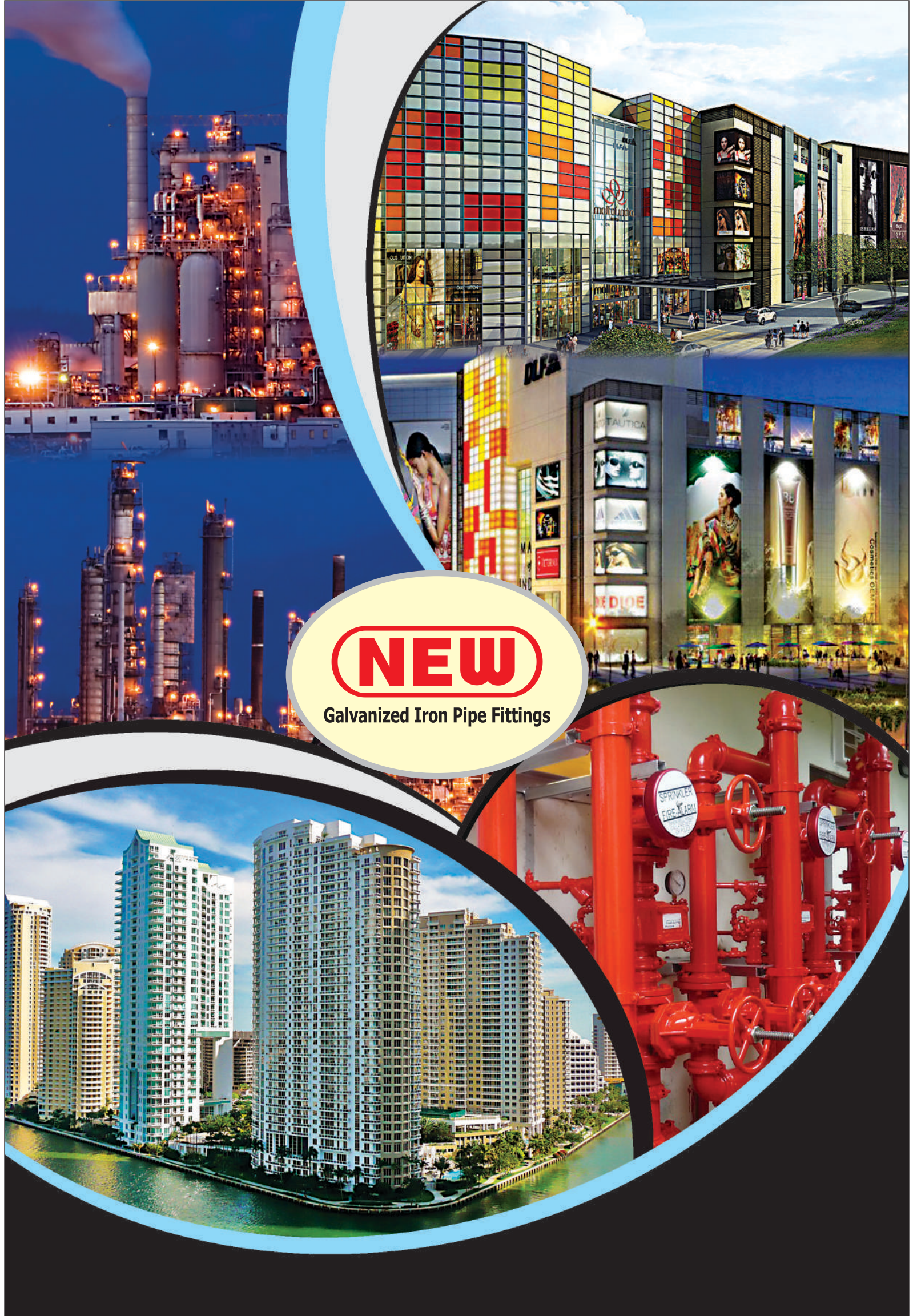
Elbow



Tee



Street Elbow



NEW

Galvanized Iron Pipe Fittings

Basic Dimension for British and Din Standard Pipe Threads

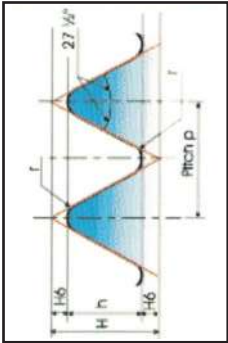


Fig 1 - Parallel thread
H = 0.960491 p
h = 0.640327 p
r = 0.137329 p

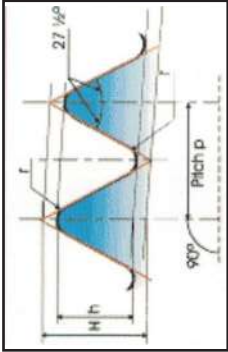
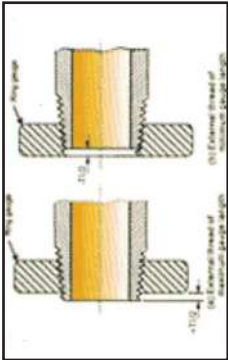


Fig 2 - Taper thread
H = 0.960237 p
h = 0.640327 p
r = 0.137278 p



(a) External thread of maximum gauge length
(b) External thread of minimum gauge length

International Standard ISO 7/1, Pipe Threads Dimensions

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Designations of thread size	Number of threads in 25.4 mm	Pitch P	Height of thread h	Diameters at gauge plane			Nominal	Gauge Length (external thread)				Tolerance on position of gauge			Dimensions in millimeters		
				Major (gauge diameter) d	Pitch d2	Minor d1		Tolerance ±T1/2	Maximum	Minimum	Tolerance ±T2/2		For Nominal gauge length	For maximum gauge length	For minimum gauge length		
											Turns of threads						
1/8	28	0.907	0.581	9.728	9.147	8.566	4	0.9	1	4.9	3.1	1.1	1 1/4	6.5	7.4	5.6	
1/4	19	1.337	0.856	13.157	12.301	11.445	6	1.3	1	7.3	4.7	1.7	1 1/4	9.7	11	8.4	
3/8	19	1.337	0.856	16.662	15.806	14.95	6.4	1.3	1	7.7	5.1	1.7	1 1/4	10.1	11.4	8.8	
1/2	14	1.814	1.162	20.955	19.793	18.631	8.2	1.8	1	10	6.4	2.3	1 1/4	13.2	15	11.4	
3/4	14	1.814	1.162	26.441	25.279	24.117	9.5	1.8	1	10	7.7	2.3	1 1/4	14.5	16.3	12.7	
1	11	2.309	1.479	33.249	31.77	30.291	10.4	2.3	1	12.7	8.1	2.9	1 1/4	16.8	19.1	14.5	
1 1/4	11	2.309	1.479	41.91	40.431	38.952	12.7	2.3	1	15	10.4	2.9	1 1/4	19.1	21.4	16.8	
1 1/2	11	2.309	1.479	47.803	46.324	44.845	12.7	2.3	1	15	10.4	2.9	1 1/4	19.1	21.4	16.8	
2	11	2.309	1.479	59.614	58.135	56.656	15.9	2.3	1	18.2	13.6	2.9	1 1/4	23	25.7	21.1	
2 1/2	11	2.309	1.479	75.184	73.705	72.226	17.5	3.5	1 1/2	21	14	3.5	1 1/2	26.7	30.2	23.2	
3	11	2.309	1.479	87.884	86.405	84.926	20.6	3.5	1 1/2	24.1	17.1	3.5	1 1/2	29.8	33.3	26.3	
4	11	2.309	1.479	113.03	111.551	110.072	25.4	3.5	1 1/2	28.9	21.9	3.5	1 1/2	35.8	39.3	32.3	
5	11	2.309	1.479	138.43	136.951	135.472	28.6	3.5	1 1/2	32.1	25.1	3.5	1 1/2	40.1	43.6	36.6	
6	11	2.309	1.479	163.83	162.351	160.872	28.6	3.5	1 1/2	32.1	25.1	3.5	1 1/2	40.1	43.6	36.6	

Note : This information is selected from the International Standard ISO 7/1:2000: Pipe threads where pressure - tight joints, Table Table 1



Galvanized Iron (G.I) Pipe Fittings

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