



Grooved elbows provide an economical and efficient method of changing direction in grooved piping systems

Reference		Nominal size		Pipe Ø O.D.	Grooved elbow 90° dimensions				Weight
Red	Galva	NPS inch	DN mm	mm	L mm	A mm	B mm	C mm	kg
GB90R	GB90G	1	25	33,7	57	15,9	7,9	30,2	0,29
GB90R	GB90G	1¼	32	42,4	70	15,9	7,9	39,0	0,42
GB90R	GB90G	1½	40	48,3	70	15,9	7,9	45,1	0,48
GB90R	GB90G	2	50	60,3	70	15,9	7,9	57,2	0,60
GB90R	GB90G	2½	65	76,1	76	15,9	7,9	72,3	0,85
GB90R	GB90G	3	80	88,9	85	15,9	7,9	84,9	1,13
GB90R	GB90G	4	100	114,3	102	15,9	9,5	110,1	1,85
GB90R	GB90G	5	125	139,7	121	15,9	9,5	135,5	3,01
GB90R	GB90G	6	150	168,3	140	15,9	9,5	164,0	4,75
GB90R	GB90G	8	200	219,1	175	19,1	11,1	214,4	8,18
GB90R	GB90G	10	250	273,0	215	19,1	12,7	268,3	13,13

**Material specifications**

**Housing:** ductile iron conform to ASTM A536 GR 65-45-12

**Coating:**

- Hot dip galvanized
- Red paint coating RAL 3000, EPD Epoxy coating

**Working pressure**

300 PSI/2068 kPa

**General notes:**

- Pressure ratings listed are CWP (cold working pressure) or maximum working pressure within the service temperature range of the gasket used in the coupling. This rating may occasionally differ from maximum working pressure listed and/or approved by UL and/or FM, as testing conditions and test pipes differ. For more information, please contact info@profitings.eu.
- Maximum working pressure listed is total of internal and external pressures, based on standard weight (ANSI) steel pipe and standard roll or cut groove, in accordance with Profit specifications. For more information, please contact info@profitings.eu.
- For one time field test only, the maximum joint working pressure may be increased one and a half times the figure shown.
- Warning: Piping systems must always be depressurized and drained before attempting disassembly and/or removal of any components.
- Profit reserves the right to change specifications, designs and/or standard equipment without notice and without incurring in any obligations.
- Profit red coated products are intended for piping with indoor application (EN 12944-2 corrosivity category C1 & C2). For outdoor installations near the sea (corrosivity category C3) we advise to use our hot dip galvanized couplings and fittings. For application in corrosivity category C4 (higher salinity climate) or higher, please contact info@profitings.eu.
- We strongly advise to always store our products in closed and dry warehouses.