



Grooved equal crosses provide an economical and efficient fitting for a triple outlet change of direction in pipe systems.  
Installation only with approved Profit couplings.

Reference		Nominal size		Pipe Ø O.D.	Grooved equal cross dimensions				Weight	Marking
Red	Galva	NPS inch	DN mm	mm	H mm	GW mm	GS mm	GD mm	kg	
GCR	GCG	2	50	60,3	70	7,93	15,88	57,2	1,20	GC
GCR	GCG	2½	65	73,0	76	7,93	15,88	69,1	1,90	GC
GCR	GCG	2½	65	76,1	76	7,93	15,88	72,3	1,90	GC
GCR	GCG	3	80	88,9	85	7,93	15,88	84,9	2,00	GC
GCR	GCG	4	100	108,0	102	9,53	15,88	103,7	3,45	GC**
GCR	GCG	4	100	114,3	102	9,53	15,88	110,1	3,55	GC
GCR	GCG	5	125	133,0	121	9,53	15,88	129,1	6,00	GC**
GCR	GCG	5	125	139,7	121	9,53	15,88	135,5	5,20	GC
GCR	GCG	5	125	141,3	121	9,53	15,88	137,0	5,00	GC
GCR	GCG	6	150	159,0	130	9,53	15,88	154,5	6,75	GC**
GCR	GCG	6	150	165,1	130	9,53	15,88	160,9	6,93	GC
GCR	GCG	6	150	168,3	140	9,53	15,88	164,0	7,35	GC
GCR	GCG	8	200	219,1	175	11,1	19,05	214,4	15,45	GC
GCR	GCG	10	250	273,0	215	12,7	19,05	268,3	21,20	GC*
GCR	GCG	12	300	323,9	220	12,7	19,05	318,3	32,50	GC*
GCR	GCG	14	350	356,0	245	15,9	23,8	350,0	112,00	GC**
GCR	GCG	16	400	406,4	278	15,9	23,8	400,8	142,00	GC**

### Material specifications

**Housing:** ductile iron in accordance with ASTM A536 GR 65-45-12

**Coating:**

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

### Working pressure

300 psi/2068 kPa/20,7 barg

#### General notes:

- \* No FM-approval / \*\* No UL-approval
- Pressure ratings listed are CWP (cold working pressure) or MWP (maximum working pressure) at a maximum service temperature of 50°C. This rating may occasionally differ from maximum working pressure listed and/or approved by UL and/or FM, as testing conditions and test pipes can differ. For more information, please contact info@pipinglogistics.eu.
- Maximum working pressure listed is the 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@pipinglogistics.eu.
- For one time field test only, the maximum joint working pressure may be increased by 150% 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 the use of our hot dip galvanized couplings and fittings. For application in corrosivity category C4 (higher salinity climate) or higher, please contact info@pipinglogistics.eu.
- We advise to always store our products in closed and dry environments.