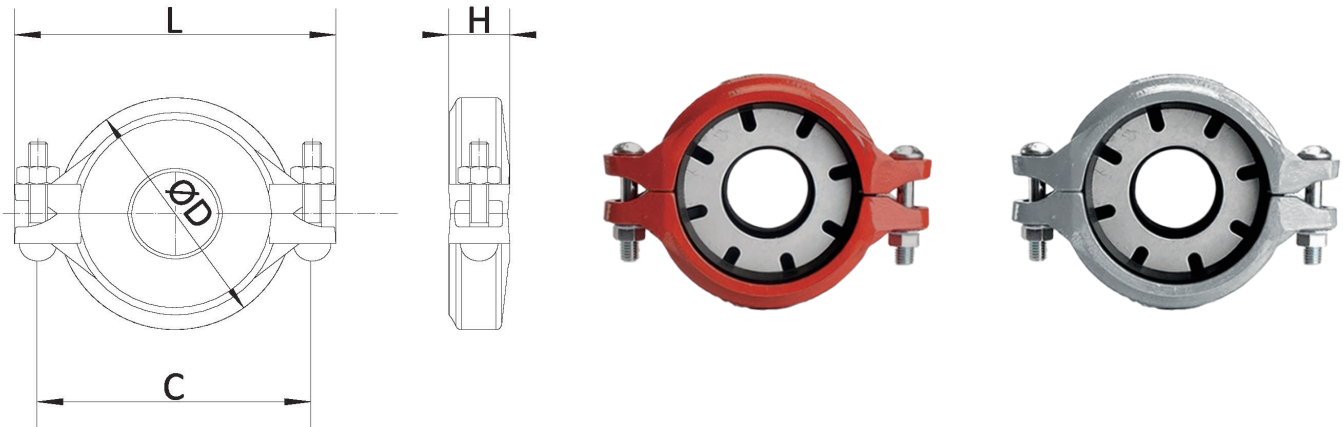


REDUCING COUPLING GRKF



This coupling is a flexible coupling that allows for direct size reduction on a piping run and eliminates the need for a concentric reducer + couplings. The gasket has special design that allows both for horizontal and vertical installation.

Reference		Nominal size		Pipe Ø O.D.	Reducing coupling dimensions				Bolt size	Socket wrench	Torque	Weight	Marking
Red	Galva	NPS inch	DN mm	mm	Ø D mm	L mm	H mm	C mm	d1xL mm	mm	Nm	kg	
GRKFR	GRKFG	1½ x 1¼	40 x 32	48,3 x 42,4	70,0	113	45	89	M10 x 50	15	44-54	0,70 ³⁾	GRKF
GRKFR	GRKFG	2 x 1½	50 x 40	60,3 x 48,3	82,0	130	46	104	M10 x 55	15	44-54	0,83	GRKF
GRKFR	GRKFG	2½ x 1	65 x 25	73,0 x 33,7	97,0	151	46	122	M10 x 55	15	44-54	1,22 ¹⁾	GRKF
GRKFR	GRKFG	2½ x 1¼	65 x 32	73,0 x 42,4	97,0	151	46	122	M10 x 55	15	44-54	1,15 ¹⁾	GRKF
GRKFR	GRKFG	2½ x 1½	65 x 40	73,0 x 48,3	97,0	151	46	122	M10 x 55	15	44-54	1,15 ¹⁾	GRKF
GRKFR	GRKFG	2½ x 2	65 x 50	73,0 x 60,3	97,0	151	46	122	M10 x 55	15	44-54	0,98	GRKF
GRKFR	GRKFG	2½ x 2	65 x 50	76,1 x 60,3	97,0	151	46	122	M10 x 55	15	44-54	0,96	GRKF
GRKFR	GRKFG	3 x 1	80 x 25	89,9 x 33,7	112,0	166,6	46	138	M12 x 65	18	90-100	1,55 ¹⁾	GRKF
GRKFR	GRKFG	3 x 1¼	80 x 32	88,9 x 42,4	112,0	166	46	138	M12 x 65	18	90-100	1,66 ¹⁾	GRKF
GRKFR	GRKFG	3 x 1½	80 x 40	88,9 x 48,3	112,0	166,6	46	138	M12 x 65	18	90-100	1,66 ¹⁾	GRKF
GRKFR	GRKFG	3 x 2	80 x 50	88,9 x 60,3	112,0	166,6	46	138	M12 x 65	18	90-100	1,34	GRKF
GRKFR	GRKFG	3 x 2½	80 x 65	88,9 x 73,0	112,0	166,6	46	138	M12 x 65	18	90-100	1,26	GRKF
GRKFR	GRKFG	3 x 2½	80 x 65	88,9 x 76,1	112,0	166,6	46	138	M12 x 65	18	90-100	1,34	GRKF
GRKFR	GRKFG	4 x 2	100 x 50	114,3 x 60,3	141,0	200	50	169	M12 x 65	18	90-100	2,65	GRKF
GRKFR	GRKFG	4 x 2½	100 x 65	114,3 x 73,0	141,0	200	50	169	M12 x 65	18	90-100	2,12	GRKF
GRKFR	GRKFG	4 x 2½	100 x 65	114,3 x 76,1	151,2	200	50	169	M12 x 65	18	90-100	2,43	GRKF
GRKFR	GRKFG	4 x 3	100 x 80	114,3 x 88,9	141,0	200	50	169	M12 x 65	18	90-100	2,04	GRKF
GRKFR	GRKFG	5 x 4	125 x 100	141,3 x 114,3	167,0	230	52	196	M16 x 80	24	200-230	2,79 ¹⁾	GRKF
GRKFR	GRKFG	6 x 3	150 x 80	165,1 x 88,9	197,0	272	52	232	M16 x 80	24	200-230	4,34 ²⁾	GRKF
GRKFR	GRKFG	6 x 4	150 x 100	165,1 x 114,3	197,0	272	52	232	M16 x 80	24	200-230	4,10 ²⁾	GRKF
GRKFR	GRKFG	6 x 2½	150 x 65	168,3 x 73,0	199,4	272	52	232	M16 x 80	24	200-230	4,90	GRKF
GRKFR	GRKFG	6 x 3	150 x 80	168,3 x 88,9	199,4	272	52	232	M16 x 80	24	200-230	4,58	GRKF
GRKFR	GRKFG	6 x 4	150 x 100	168,3 x 114,3	199,4	272	52	232	M16 x 80	24	200-230	4,18	GRKF
GRKFR	GRKFG	6 x 5	150 x 125	168,3 x 141,3	199,4	272	52	232	M16 x 80	24	200-230	3,80 ²⁾	GRKF
GRKFR	GRKFG	6 x 6	150 x 150	168,3 x 165,1	199,4	274	52	232	M16 x 85	24	200-230	3,15 ²⁾	GRKF
GRKFR	GRKFG	8 x 4	100 x 100	219,1 x 114,3	255,8	336	58	296	M20 x 110	30	270-300	7,32 ¹⁾	GRKF
GRKFR	GRKFG	8 x 6	200 x 150	219,1 x 168,3	255,8	336	58	296	M20 x 110	30	270-300	7,48	GRKF

¹⁾ No UL-approval / ²⁾ No FM- and UL-approval / ³⁾ No FM-approval

Material specifications

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

Coating:

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

Bolts and nuts: medium carbon steel, zinc electroplated, quenched and tempered

Rubber gasket: EPDM gaskets are in accordance with the international certifications and have undergone the aging test at 110°C/230°F for a period of 45 days/1080 hours and the frozen test at -40°C/-40°F for a period of 4 days/96 hours.

Working pressure

300 psi/2068 kPa

We advise to not use this coupling combined with an end-cap as there is a risk of leaks when a vacuum occurs.

General notes:

- 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.
- The 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 150% the figure shown.
- Warning: Piping systems must always be depressurised 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 galvanised 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.
- Independent technical datasheet for bolts, nuts and rubber gaskets.