

# RKF HL / RKF HS

Pipe coupling (fixed)

## Properties

<b>Application</b>	Automotive engineering
<b>Connection 1</b>	metric cylindrical outer thread
<b>Sealing form 1</b>	24° inner cone
<b>Residual pressure:</b>	Coupling under residual pressure is possible
<b>Material</b>	Steel
<b>Surface</b>	electro galvanised



## Description

Pipe couplings are designed for high pressures and pressure pulses.

## Ordering information

Other pressure and temperature figures available on request.

## Additional information

Flat seal tappets ensure minimal oil leakages and air admittance when coupling.

The robust construction makes them ideal for use in harsh conditions with major pressure fluctuations.

## Item

Identification	DN*	Series	for external pipe Ø (mm)	Connecting thread	Size	Coupling thread	Operating pressure (bar)	SF coup.*	Mineral oil temp. min. (°C)	Mineral oil temp. max. (°C)
RKF 06 HL 1	6	L	8	M 14x1,5	1	Rd. 32 x 3	315,0	4,0	-25	85
RKF 08 HL 1	8	L	10	M 16x1,5	1	Rd. 32 x 3	315,0	4,0	-25	85
RKF 10 HL 1	10	L	12	M 18x1,5	1	Rd. 32 x 3	315,0	4,0	-25	85
RKF 13 HL 1	12	L	15	M 22x1,5	1	Rd. 32 x 3	315,0	4,0	-25	85
RKF 13 HL 2	12	L	15	M 22x1,5	2	Rd. 36x3	300,0	4,0	-25	85
RKF 13 HL 3	12	L	15	M 22x1,5	3	Rd. 48 x 3	300,0	3,5	-25	100
RKF 16 HL 2	16	L	18	M 26x1,5	2	Rd. 36x3	300,0	4,0	-25	100
RKF 16 HL 3	16	L	18	M 26x1,5	3	Rd. 48 x 3	300,0	3,5	-25	100
RKF 16 HL 4	16	L	18	M 26x1,5	4	Rd. 54 x 4	300,0	3,5	-25	85
RKF 20 HL 4	19	L	22	M 30x2	4	Rd. 54 x 4	160,0	4,0	-25	85
RKF 20 HL 5	19	L	22	M 30x2	5	Rd. 60 x 3	160,0	4,0	-40	100
RKF 25 HL 4	25	L	28	M 36x2	4	Rd. 54 x 4	160,0	4,0	-25	85
RKF 25 HL 5	25	L	28	M 36x2	5	Rd. 60 x 3	160,0	4,0	-40	100
RKF 32 HL 6	31	L	35	M 45x2	6	Rd. 79 x 4	160,0	4,0	-25	85
RKF 06 HS 1	6	S	10	M 18x1,5	1	Rd. 32 x 3	400,0	4,0	-25	85
RKF 08 HS 1	8	S	12	M 20x1,5	1	Rd. 32 x 3	400,0	4,0	-25	85
RKF 10 HS 1	10	S	14	M 22x1,5	1	Rd. 32 x 3	400,0	4,0	-25	85
RKF 13 HS 2	12	S	16	M 24x1,5	2	Rd. 36x3	300,0	4,0	-25	85
RKF 13 HS 3	12	S	16	M 24x1,5	3	Rd. 48 x 3	300,0	3,5	-25	100
RKF 16 HS 3	16	S	20	M 30x2	3	Rd. 48 x 3	300,0	3,5	-25	100
RKF 16 HS 4	16	S	20	M 30x2	4	Rd. 54 x 4	300,0	3,5	-25	85
RKF 20 HS 4	19	S	25	M 36x2	4	Rd. 54 x 4	300,0	3,5	-25	85
RKF 20 HS 5	19	S	25	M 36x2	5	Rd. 60 x 3	160,0	4,0	-40	100
RKF 25 HS 4	25	S	30	M 42x2	4	Rd. 54 x 4	300,0	3,5	-25	85
RKF 25 HS 5	25	S	30	M 42x2	5	Rd. 60 x 3	160,0	4,0	-40	100
RKF 32 HS 6	31	S	38	M 52x2	6	Rd. 79 x 4	420,0	2,5	-25	85

DN = Nominal diameter, nominal width – SF gek. = Safety factor coupled

## Accessories

RKF ZUB	Dust protection container
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## Spare parts

RKF STUETZRING	Support ring for pipe coupling
RKF ORING	O-ring