

Properties	
Application	Automotive engineering
Connection 1	metric cylindrical outer thread
Sealing form 1	24° inner cone
Residual pressure:	Coupling under residual pressure is possible
Properties	DN 19 + 25 with hand wheel
Mineral oil temp. min.	-40 °C
Mineral oil temp. max.	100 °C
Material	Steel
Surface	electro galvanised



## **Description**

Quick release couplings uncouple automatically under excessive tensile load, preventing separation of the hose lines.

## 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.

Item									
Identification	DN*	Series	for external pipe Ø	Connecting thread	Size	Coupling thread	Operating pressure (bar)	BD* uncoup.	SF coup.*
AKL 06 HL 1	6	L	8	M 14x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKL 08 HL 1	8	L	10	M 16x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKL 10 HL 1	10	L	12	M 18x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKL 13 HL 3	12	L	15	M 22x1,5	3	Rd. 48 x 3	315,0	250	4,0
AKL 16 HL 3	16	L	18	M 26x1,5	3	Rd. 48 x 3	315,0	250	4,0
AKL 08 HS 1	8	S	12	M 20x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKL 10 HS 1	10	S	14	M 22x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKL 13 HS 3	12	S	16	M 24x1,5	3	Rd. 48 x 3	315,0	250	4,0
AKL 16 HS 3	16	S	20	M 30x2	3	Rd. 48 x 3	315,0	250	4,0
AKL 20 HS 5	19	S	25	M 36x2	5	Rd. 60 x 3	160,0	100	4,0
AKL 25 HS 5	25	S	30	M 42x2	5	Rd. 60 x 3	160,0	100	4,0

DN = Nominal diameter, nominal width - BD uncoup. = Operating pressure uncoupled - SF gek. = Safety factor coupled

Accessories	
AKI ZUB DOSE	Dust protection container

S	nare	parts
$\mathbf{\circ}$	vaie	paito

AKL ZUB BLINDSTUTZEN Dummy sockets for breakaway coupling