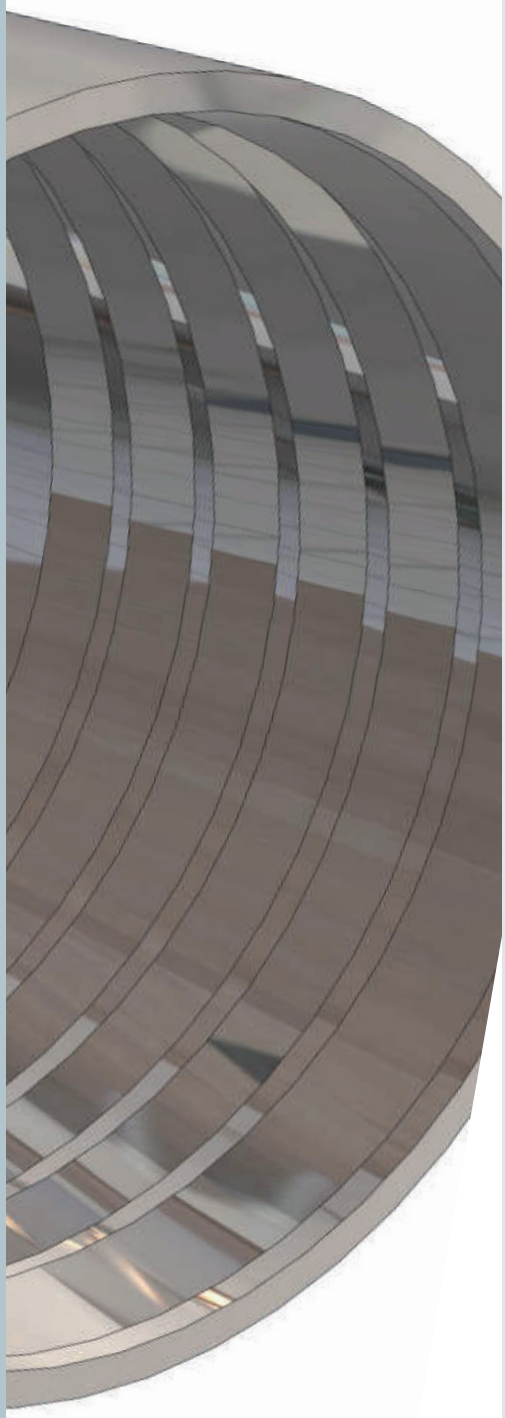
SS SWAGE FERRULES HRRL



STANDARD

LMC-Couplings offers HRRL swage ferrules for the assembly of industrial rubber hoses.

OPERATION

HRRL swage ferrules are swaged on industrial rubber hoses using hose couplings with collar. The HRRL is first placed around the top of the hose and the hose shank with collar is inserted into the hose afterwards. The hose assembly is then placed in the swaging machine and the ferrule is crimped radially. The ferrule penetrates the hose wall, providing a 360° uninterr upted compression band around the hose.

FEATURES

LMC's HRRL swage ferrules are cold drawn stainless steel ferrules with an inside sharp serration and designed to ensure long-term quality and safety.

1. Ferrules are specially designed to eliminate the risk of hose damage;
2. Ferrule thickness ensures optimum crimping with no distortion, thus reducing the risk of disconnection;
3. The internal surface of the HRRL swage ferrules is designed to have a very firm grip on the hose;
4. Also to use on thin-walled hoses.

APPLICATION

HRRL swage ferrules are used for the assembly of industrial rubber hoses from ND 38 up to ND 100 where a light version is required.

WORKING PRESSURE

10 bar / 150 psi (for couplings with smooth tail)
16 bar / 230 psi (for couplings with serrated tail)

MATERIAL

Stainless steel AISI 304 / 1.4301

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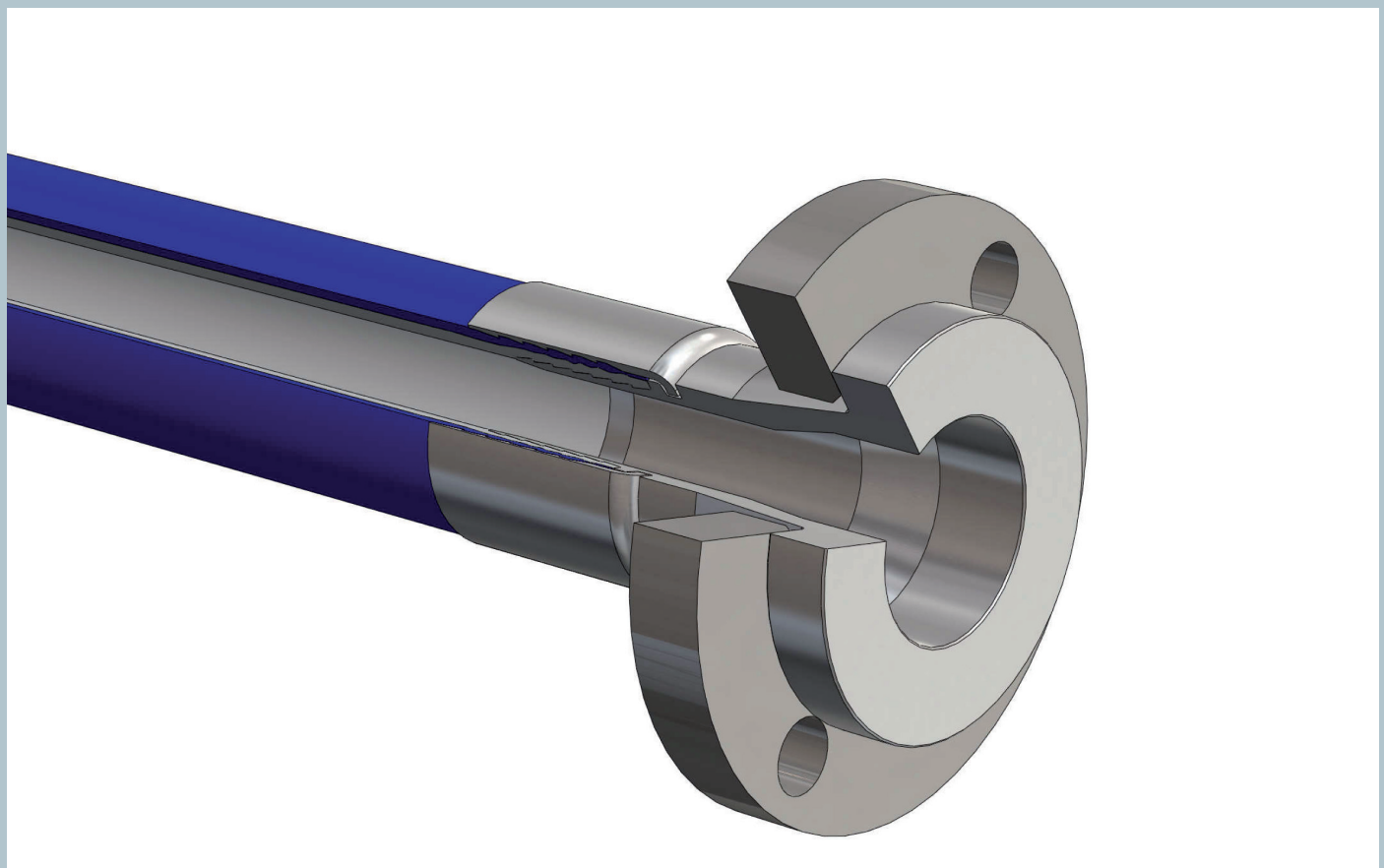
Swage ferrules HRRK vs. HRRL

	HRRK swage ferrules	new HRRL swage ferrules
Style	Heavy duty, also heavy wall sizes	Light duty, also thin wall sizes
Working pressure	25 bar	10 bar (assembled with smooth tail and collar) 16 bar (assembled with serrated tail and collar)
Dimension	ND 15 / 20 / 25 / 32 / 40 / 50 / 65 / 80 / 100	ND 40 / 50 / 65 / 80 / 100
Application	Food and pharma hoses	General applications
Finishing	Machined	Cold drawn
Advantages	Hygienic crimping method To fit with couplings acc. EN 14420-2	Cost-saving up to 45% To fit with couplings acc. EN 14420-2
Material	Stainless steel AISI 316 / 1.4401	Stainless steel AISI 304 / 1.4301



SS SWAGE FERRULES HRRL

EA CRIMP COUPLING WITH SERRATED HOSE SHANK					
ND	For hose mm	OD Ø min.	OD Ø max.	Lenght	Reference
40	38 x 5 mm	46,9	48,9	55	HRRL038050
40	38 x 6,5 mm	48,9	51,9	55	HRRL038065
50	50 x 5,5 mm	59,5	61,9	61	HRRL050055
50	50 x 8 mm	64	66,9	61	HRRL050080
65	63 x 6 mm	73,8	75,9	75	HRRL065060
65	63 x 8 mm	75,5	79,9	75	HRRL065080
80	76 x 6,5 mm	85,8	88,9	90	HRRL075065
80	76 x 8 mm	91,2	93,2	90	HRRL075080
100	100 x 6,5 mm	112,5	115,8	110	HRRL100065
100	100 x 8 mm	114,5	118,1	110	HRRL100080

HRRL swage ferrules: stainless steel AISI 304 / 1.4301
Assembly: HRRL swage ferrules are recommended for the assembly of industrial rubber hoses.