

WE-ER hose fittings for compressed air – water – gas

Mode of operation

Unlike other coupling designs, this practical WE-ER fitting requires no tools and no binding of the hoses. Once the connectors have been fitted, they are not moved again; the entire unit is fixed to the pipe system or device. This is a significant safety factor compared to other systems since even if the connection tears or comes undone suddenly, no injury will be caused by any iron parts attached to the hoses.

The WE-ER connection system does not make use of gaskets on the face side which, when subjected to friction, frequently cause leaks. In the WE-ER fittings, the hoses themselves are used as seals as these are clamped tightly between inside parts as well as the upper and lower parts of the connectors and therefore provide a perfect leak-proof fit. The elastic force of the tension spring at work here has been calculated so that the connections cannot open after the tension lever has been shifted.

How to handle:



Sliding the hose ends on



Closing the coupling



Opening the coupling

WE-ER coupling, model 'N', for coupling hoses having "similar" inside diameters



Model	Hose mm	
	ID	OD
N 10/20	10	20
S 13-6	13	25
S 15-6	15	27
N 19/29	19	29
S 19-6	19	31
N 19/33	19	33
S 25-7	28	39

Model	Hose mm	
	ID	OD
N 28/44	28	44
N32/48 st	32	48
N35/51	35	51
N38/58	38	58
N42/60	42	60
N 53/73	53	73
N 65/87	65	87

WE-ER connector coupling with heavy flange, model FS



Model	Hose mm	
	ID	OD
FS 1931 ST	19	31
FS 2539 ST	25	39
FS 32/48 ST	32	48
FS 35/51 ST	35	51

Model	Hose mm	
	ID	OD
FS 53/73 ST	53	73
FS 65/87 N	65	87
FS 85/109 N	85	109
FS 105/133 N	105	133

WE-ER connector coupling with internal thread and double clamping, model KI-ST



Model	Hose mm		Bsp connecting thread
	ID	OD	
KI 13/25 ST	13	25	R ¾"
KI 15/27 ST			R ¾"
KI 15/27r ST	15	27	R 1"
KI 15/27k ST			RDG 32mm x 1/8"
KI 19/29 ST	19	29	R ¾"
KI 19/31 ST			R ¾"
KI 19/31r ST	19	31	R 1"
KI 19/31k ST			RDG 32mm x 1/8"
KI 19/33 ST			R ¾"
KI 19/33r ST	19	33	R 1"
KI 19/33k ST			RDG 32mm x 1/8"
KI 25/39 ST			R ¾"
KI 25/39r ST	25	39	R 1"
KI 25/39k ST			RDG 32mm x 1/8"