

Availability

The connections **union nut with female or male thread (code FV, MV)** are available for the following GEMÜ diaphragm valves: 601, 602, 605, 611, 612, 615, 625, 650, 653, 654, 671, 673, 687, 695 (each with valve body material 1.4435 (316L) (code 40))

Availability diaphragm sizes/nominal sizes

Diaphragm size	DN	NPS
8	8	1/4"
	10	3/8"
	15	1/2"
10	10	3/8"
	15	1/2"
	20	3/4"
25	20	3/4"
	25	1"

Availability of grades of surface finish

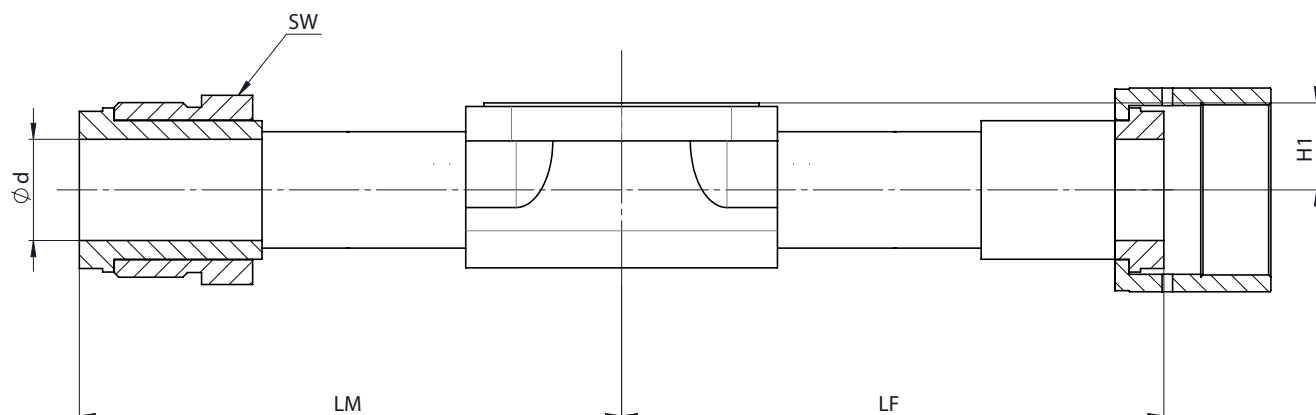
Media wetted internal surfaces	Union nut with male thread (code MV)		Union nut with female thread (code FV)
	Electropolished	Electropolished ¹⁾	Electropolished ¹⁾
Ra ≤ 0.4 µm	1537	1799	1799
Ra ≤ 0.25 µm	1516	1787	1787

1) Note: The following points apply to the surface finish codes 1787 and 1799:

- The specified surface finish only applies to the media wetted internal surfaces of the components used.
- The weld seams are not reworked.
- No surface finish can be defined for the complete product or component.

Dimensions

Union nut with female and male thread (code FV, MV)



Connection type union nut with female thread (code FV)

MG	DN	NPS	Ød	H1	LF	SW
8	8	1/4"	0.18	0.33	1.61	3/4"
	10	3/8"	0.31	0.33	2.01	1 1/16"
	15	1/2"	0.41	0.33	1.63	1 1/16"
10	10	3/8"	0.31	0.49	2.46	1 1/16"
	15	1/2"	0.41	0.49	2.08	1 1/16"
	20	3/4"	0.66	0.49	3.37	1 1/2"
25	20	3/4"	0.66	0.75	3.63	1 1/2"
	25	1"	0.87	0.75	3.91	1 3/4"

Connection type union nut with male thread (code MV)

MG	DN	NPS	Ød	H1	LM	SW
8	8	1/4"	0.18	0.33	2.20	5/8"
	10	3/8"	0.31	0.33	2.68	15/16"
	15	1/2"	0.41	0.33	2.30	15/16"
10	10	3/8"	0.31	0.49	3.13	15/16"
	15	1/2"	0.41	0.49	2.75	15/16"
	20	3/4"	0.66	0.49	3.37	1 5/16"
25	20	3/4"	0.66	0.75	3.63	1 5/16"
	25	1"	0.87	0.75	3.91	1 5/8"

Dimensions in inch