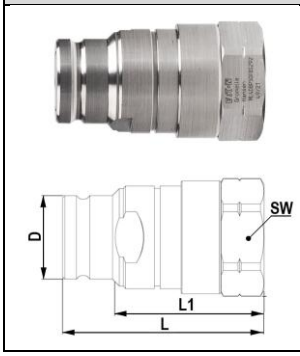
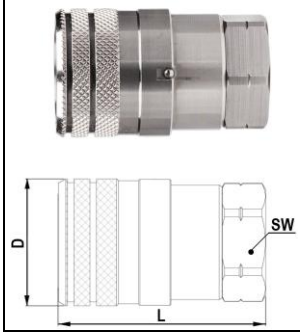
GROMELLE quick couplings – MLDB (2)

Plug with valve, BSP or NPT female thread:

drawing	DN [inch]	index (seal viton)	index (EPDM seal) thread	connection	L [mm]	L1 [mm]	D [mm]	SW [mm]	weight [kg]
	1/4”	GR-ML2DB-P25FBS-V	GR-ML2DB-P25FBS-E	GW 1/4” BSP	43,6	33,2	16,5	22	0,080
		GR-ML2DB-P25F-V	GR-ML2DB-P25F-E	GW 1/4” NPT	42,1	31,7	16,5	22	0,082
	1/2”	GR-ML4DB-P50FBS-V	GR-ML4DB-P50FBS-E	GW 1/2” BSP	60,7	45,7	25,2	32	0,204
		GR-ML4DB-P50F-V	GR-ML4DB-P50F-E	GW 1/2” NPT	60,7	45,7	25,2	32	0,214
	3/4”	GR-ML6DB-P75FBS-V	GR-ML6DB-P75FBS-E	GW 3/4” BSP	75,5	53,6	32,8	41	0,418
		GR-ML6DB-P75F-V	GR-ML6DB-P75F-E	GW 3/4” NPT	75,5	53,6	32,8	41	0,409
	1”	GR-ML8DB-P100FBS-V	GR-ML8DB-P100FBS-E	GW 1” BSP	89,4	66,1	40,4	50	0,733
		GR-ML8DB-P100F-V	GR-ML8DB-P100F-E	GW 1” NPT	86,4	63,1	40,4	50	0,700

Socket with valve, BSP or NPT female thread:

drawing	DN [inch]	index (seal viton)	index (EPDM seal) thread	connection	L [mm]	D [mm]	SW [mm]	weight [kg]
	1/4”	GR-ML2DB-S25FBS-V	GR-ML2DB-S25FBS-E	GW 1/4” BSP	45,4	26,8	22	0,116
		GR-ML2DB-S25F-V	GR-ML2DB-S25F-E	GW 1/4” NPT	43,9	26,8	22	0,127
	1/2”	GR-ML4DB-S50FBS-V	GR-ML4DB-S50FBS-E	GW 1/2” BSP	61,9	38,2	32	0,325
		GR-ML4DB-S50F-V	GR-ML4DB-S50F-E	GW 1/2” NPT	61,9	38,2	32	0,318
	3/4”	GR-ML6DB-S75FBS-V	GR-ML6DB-S75FBS-E	GW 3/4” BSP	76,8	47,9	41	0,617
		GR-ML6DB-S75F-V	GR-ML6DB-S75F-E	GW 3/4” NPT	76,8	47,9	41	0,622
	1”	GR-ML8DB-S100FBS-V	GR-ML8DB-S100FBS-E	GW 1” BSP	89,9	57,4	50	1,005
		GR-ML8DB-S100F-V	GR-ML8DB-S100F-E	GW 1” NPT	86,9	57,4	50	1,020

Seal kits:

drawing (socket / plug)	DN [inch]	socket seal index		plug seal index	
		viton*	EPDM*	viton*	EPDM**
	1/4”	GR-ML2DB-SG-V	GR-ML2DB-SG-E	GR-ML2DB-PG-V	GR-ML2DB-PG-E
	1/2”	GR-ML4DB-SG-V	GR-ML4DB-SG-E	GR-ML4DB-PG-V	GR-ML4DB-PG-E
	3/4”	GR-ML6DB-SG-V	GR-ML6DB-SG-E	GR-ML6DB-PG-V	GR-ML6DB-PG-E
	1”	GR-ML8DB-SG-V	GR-ML8DB-SG-E	GR-ML8DB-PG-V	GR-ML8DB-PG-E

Notes: * - kit of 5 sets for socket or plug; ** - kit of 1 set for plug

Other seal materials available on request; seal replacement instructions – contact Tubes International.





For low and medium pressures with liquids, the quick couplings described in the "Hydraulic quick couplings" chapter of the POWER HYDRAULICS / HIGH PRESSURE section may also be used.