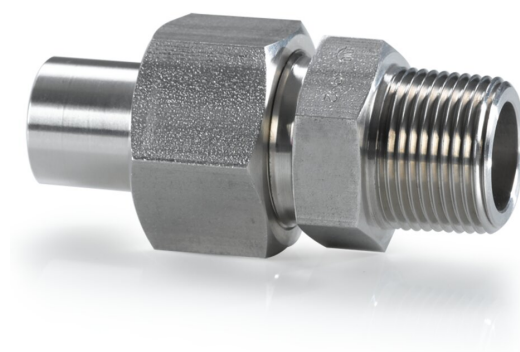


M1B16NPT C

Screw-in tube unions with NPT thread

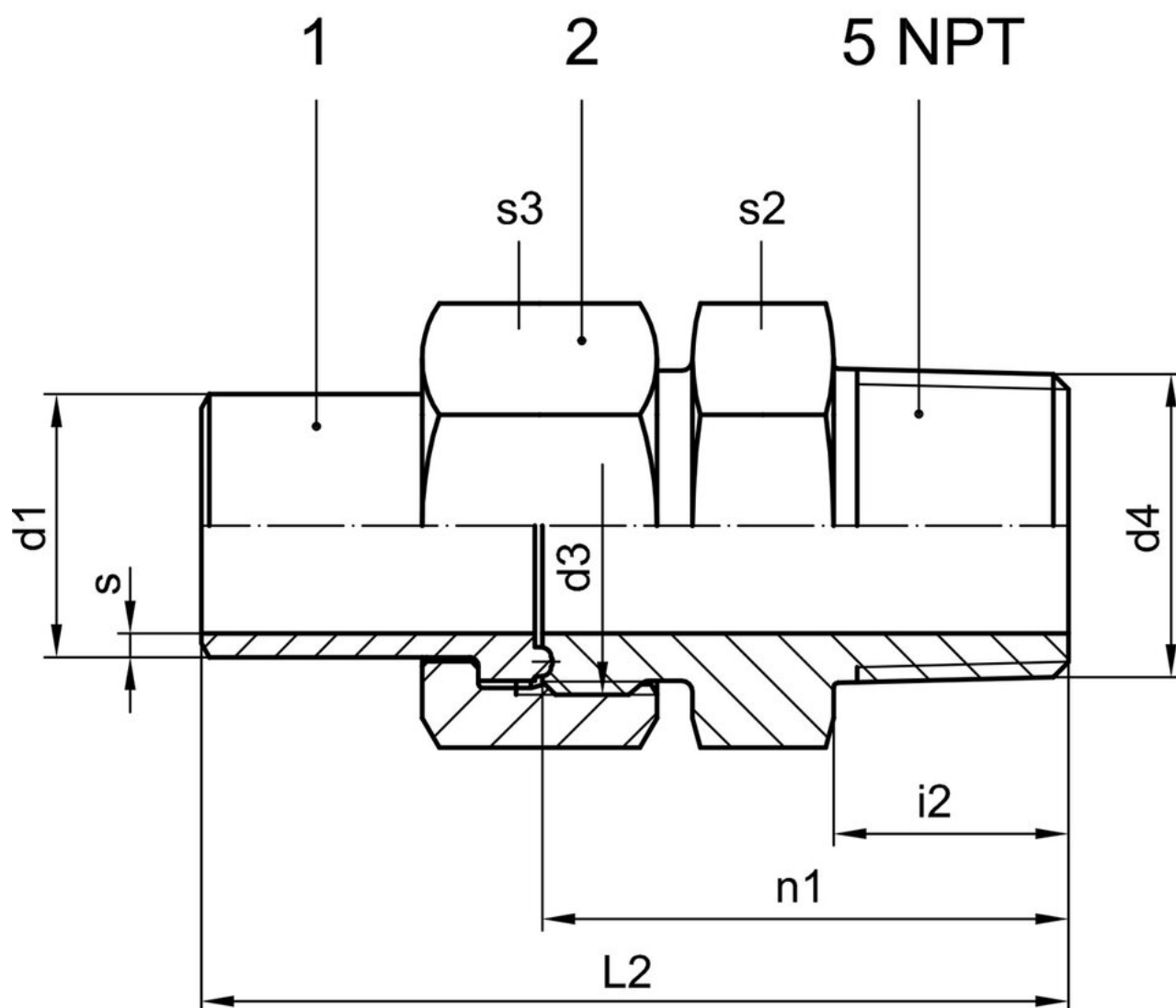
Straight DILLO tube unions are available with weld-on ends for applications where high vibration resistance is required. They are also available with weld-on end and screw-in thread. Different threads enable appropriate connections. On request, we also supply unions in materials with standing temperatures from -270 °C up to +650 °C. Permanent tightness is guaranteed, no matter which version is selected!



The actual product may differ slightly from the image.

Technical data

Nominal pressure (in bar)	PN100
Nominal width (in mm)	DN16
d1	18 mm
s	2 mm
d3	M 26x1.5
d4	½ NPT
L2	73 mm
n1	42 mm
i1	20 mm
s2	Wrench size 27
s3	Wrench size 32
Material according to DIN EN	1.4571
Material description	Stainless steel



Advantages & functions

- With weld-on end and screw-in thread
- Available for tube diameters from DN 3 up to DN 50
- Temperature-resistant from -270 °C up to +650°C (At operating temperatures below -197°C, additional tests must be carried out on the raw material in accordance with the specifications of EN 13445 / AD2000 to ensure material integrity and suitability.)
- Also available in other DIN EN materials
- Three-part union consisting of weld-on stub, clamping nut and screw-in stub

M1B-NPT Series for pressures up to PN 100:

DN	d ₁	s	d ₃	d ₄	L ₂	n ₁	i ₂	s ₂	s ₃	Order number
4	6	1,25	M 14x1,5	1/8 NPT	47	26	10	14	17	M1B 4 NPT
6	8	1,5	M 16x1,5	¼ NPT	55	32	15	19	19	M1B 6 NPT
8	10	1,5	M 18x1,5	¼ NPT	59	34	15	19	22	M1B 8 NPT
10	12	1,75	M 20x1,5	3/8 NPT	62	35	15	22	24	M1B 10 NPT
12	15	2	M 22x1,5	½ NPT	71	42	20	27	27	M1B 12 NPT
16	18	2	M 26x1,5	½ NPT	73	42	20	27	32	M1B 16 NPT
20	22	2	M 30x1,5	¾ NPT	80	46	20	32	36	M1B 20 NPT
25	28	2,5	M 36x2	1 NPT	93	56	25	41	41	M1B 25 NPT
32	35	2,5	M 45x2	1 ¼ NPT	98	58	25,5	50	50	M1B 32 NPT
40a	42	3	M 52x2	1 ½ NPT	105	62	26	55	60	M1B 40a NPT
40	44	3	M 56x2	1 ½ NPT	106	63	26	60	65	M1B 40 NPT
50	57	4	M 68x2	2 NPT	115	67	27	70	75	M1B 50 NPT

J1B-NPT Series for pressures up to PN 100:

DN	d ₁	s	d ₃	d ₄	L ₂	n ₁	i ₂	s ₂	s ₃	Order number
4	6	1,25	M 14x1,5	1/8 NPT	47	26	10	14	17	J1B 4 NPT

6	8	1,5	M 16x1,5	¼ NPT	55	32	15	19	19	J1B 6 NPT
8	10	1,5	M 18x1,5	¼ NPT	59	34	15	19	22	J1B 8 NPT
10	13,5	1,75	M 22x1,5	3/8 NPT	71	40	15	24	27	J1B 10 NPT
12	17	2,5	M 24x1,5	½ NPT	77	46	20	27	30	J1B 12 NPT
16	21	2,5	M 30x2	¾ NPT	86	50	20	32	36	J1B 16 NPT
20	27	3	M 36x2	1 NPT	94	57	25	41	41	J1B 20 NPT
25	34	3,5	M 45x2	1 ¼ NPT	102	62	25,5	46	50	J1B 25 NPT
32	42	3,5	M 52x2	1 ½ NPT	109	65	26	55	60	J1B 32 NPT
40	49	4	M 60x2	2 NPT	119	71	27	65	70	J1B 40 NPT
50	60	5	M 72x2	2 NPT	124	73	27	75	80	J1B 50 NPT

M2B-NPT Series for pressures up to PN 200:

DN	d ₁	s	d ₃	d ₄	L ₂	n ₁	i ₂	s ₂	s ₃	Order number
3	6	1,5	M 14x1,5	¼ NPT	59	34	15	19	19	M2B 3 NPT
4	8	2	M 16x1,5	¼ NPT	59	34	15	19	22	M2B 4 NPT
6	10	2	M 18x1,5	3/8 NPT	60	35	15	22	22	M2B 6 NPT
8	12	2	M 20x1,5	3/8 NPT	62	35	15	22	24	M2B 8 NPT
10	13,5	1,75	M 22x1,5	½ NPT	75	44	20	27	27	M2B 10 NPT
12	16	2,5	M 24x1,5	½ NPT	75	44	20	27	30	M2B 12 NPT
16	20	2,5	M 30x2	¾ NPT	84	48	20	32	36	M2B 16 NPT
20	25	2,5	M 36x2	1 NPT	99	58	25	41	46	M2B 20 NPT

25	30	3	M 42x2	1 ¼ NPT	106	62	25,5	50	50	M2B 25 NPT
32	38	3,5	M 52x2	1 ½ NPT	116	66	26	55	60	M2B 32 NPT
40	44	4,25	M 56x2	2 NPT	126	71	27	65	65	M2B 40 NPT
50	57	6	M 68x2	2 NPT	133	73	27	70	80	M2B 50 NPT

J2B-NPT Series for pressures up to PN 250:

DN	d ₁	s	d ₃	d ₄	L ₂	n ₁	i ₂	s ₂	s ₃	Order number
3	6	1,5	M 14x1,5	¼ NPT	59	34	15	19	19	J2B 3 NPT
4	8	2	M 16x1,5	¼ NPT	59	34	15	19	22	J2B 4 NPT
6	10	2	M 18x1,5	3/8 NPT	60	35	15	22	22	J2B 6 NPT
8	12	2	M 20x1,5	3/8 NPT	62	35	15	22	24	J2B 8 NPT
10	13,5	1,75	M 22x1,5	½ NPT	75	44	20	27	27	J2B 10 NPT
12	17	2,5	M 24x1,5	½ NPT	77	46	20	27	30	J2B 12 NPT
16	21	2,5	M 30x2	¾ NPT	86	50	20	32	36	J2B 16 NPT
20	27	3,5	M 36x2	1 NPT	99	58	25	41	46	J2B 20 NPT
25	34	4,5	M 45x2	1 ¼ NPT	107	63	25,5	50	55	J2B 25 NPT
32	42	4	M 52x2	1 ½ NPT	118	66	26	55	60	J2B 32 NPT
40	50	5,5	M 64x2	2 NPT	129	73	27	65	75	J2B 40 NPT

M3B-NPT Series for pressures up to PN 320:

DN	d ₁	s	d ₃	d ₄	L ₂	n ₁	i ₂	s ₂	s ₃	Order number
3	6	1,5	M 14x1,5	¼ NPT	59	34	15	19	19	M3B 3 NPT

4	8	2	M 16x1,5	¼ NPT	59	34	15	19	22	M3B 4 NPT
5	10	2,5	M 18x1,5	3/8 NPT	60	35	15	22	24	M3B 5 NPT
6	12	3	M 20x1,5	3/8 NPT	66	37	15	22	27	M3B 6 NPT
8	13,5	2,75	M 22x1,5	½ NPT	75	44	20	27	30	M3B 8 NPT
10	16	3	M 24x1,5	½ NPT	81	46	20	27	32	M3B 10 NPT
12	20	4	M 30x2	¾ NPT	90	50	20	32	36	M3B 12 NPT
16	25	4,5	M 36x2	1 NPT	103	60	25	41	46	M3B 16 NPT
20	30	5	M 42x2	1 ¼ NPT	112	64	25,5	50	50	M3B 20 NPT
25a	35	5,5	M 48x2	1 ½ NPT	119	68	26	55	55	M3B 25a NPT
25	38	6	M 52x2	1 ½ NPT	122	68	26	55	60	M3B 25 NPT
32	44	6,75	M 60x2	2 NPT	134	73	27	65	70	M3B 32 NPT

J3B-NPT Series for pressures up to PN 320:

DN	d ₁	s	d ₃	d ₄	L ₂	n ₁	i ₂	s ₂	s ₃	Order number
3	6	1,5	M 14x1,5	¼ NPT	59	34	15	19	19	J3B 3 NPT
4	8	2	M 16x1,5	¼ NPT	59	34	15	19	22	J3B 4 NPT
5	10	2,5	M 18x1,5	3/8 NPT	60	35	15	22	24	J3B 5 NPT
6	12	3	M 20x1,5	3/8 NPT	66	37	15	22	27	J3B 6 NPT
8	13,5	2,75	M 22x1,5	½ NPT	75	44	20	27	30	J3B 8 NPT
10	17	3	M 27x2	½ NPT	87	52	20	30	36	J3B 10 NPT
12	21	4	M 33x2	¾ NPT	95	55	20	36	41	J3B 12 NPT

16	27	4,5	M 39x2	1 NPT	107	64	25	41	46	J3B 16 NPT
20	34	5,5	M 48x2	1 ¼ NPT	119	70	25,5	50	55	J3B 20 NPT
25	42	7	M 56x2	1 ½ NPT	127	73	26	60	65	J3B 25 NPT
32	48	6,5	M 64x2	2 NPT	138	77	27	65	70	J3B 32 NPT

Bei Bestellung von Einzelteilen benötigen wir folgende Angaben:

Pieces	Component	Designation	Order number	Material number
1	1	Weld-on stub	(Series)-(DN)- 1	_____
1	2	Clamping nut	(Series)-(DN)- 2	_____
1	5 NPT	Screw-in stub	(Series)-(DN)- 5 NPT	_____