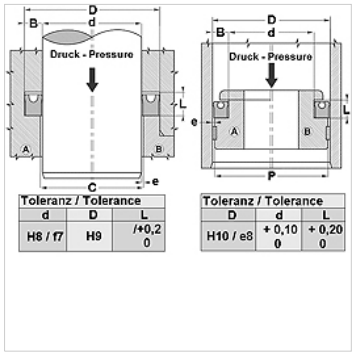
MU
U-ring MU

Properties

Design	U-ring
Operating pressure	up to 400 bar
Sliding speed max.	0,5 m/s
Temp. min.	-30 °C
Temp. max.	80 °C
Media	Mineral oils
Installation	in closed grooves A in open grooves B on a B or multi-part A piston
Material	PUR
Application	Hydraulics



Spaltmaß / Clearance		
Druck	e (mm)	
bar	d < 60 mm	d >60 mm
50	< 0,40	< 0,50
100	< 0,30	> 0,40
200	< 0,20	> 0,30
300	< 0,15	> 0,20
400	< 0,10	> 0,15



Description

For rods and pistons.
High abrasion resistance.
Use for new designs TS, TS-L, RS-L and EU profiles (rod seals).

Ordering information

We are able to produce seals with diameters of 20 to 510 mm with short lead times.

Item

Identification	d (mm)	D (mm)	L (mm)
MU 09 03	3,00	9,0	5,0
MU 10 04	4,00	10,0	4,5
MU 10 04-1	4,00	10,0	5,0
MU 11 04	4,50	11,0	5,5
MU 12 04	4,00	12,0	4,5
MU 12 05-1	5,00	12,0	5,5
MU 12 05-2	5,00	12,0	6,5
MU 12 05	5,00	12,0	7,0
MU 12 06	6,00	12,0	4,5
MU 12 06-4	6,00	12,0	6,0
MU 12 06-5	6,00	12,0	6,5
MU 12 06-2	6,00	12,0	9,0
MU 12 08	8,00	12,0	3,5
MU 13 06	6,00	12,7	6,5
MU 13 05	5,00	13,0	4,5
MU 14 07	7,00	14,0	4,2
MU 14 08	8,00	14,0	7,0
MU 15 06	6,00	15,0	9,0
MU 15 07-1	7,00	15,0	8,0
MU 15 08	8,00	15,0	6,3
MU 15 08-2	8,00	15,0	9,0
MU 15 09	9,00	15,0	9,0
MU 16 06	6,00	16,0	5,5
MU 16 08	8,00	16,0	4,5
MU 16 08-2	8,00	16,0	6,3
MU 16 10	10,00	16,0	6,5
MU 18 08	8,00	18,0	5,5
MU 18 08-1	8,00	18,0	8,0
MU 18 08-2	8,00	18,0	11,0
MU 18 10-3	10,00	18,0	4,5
MU 18 10-1	10,00	18,0	6,0
MU 18 10	10,00	18,0	7,0
MU 18 10-4	10,00	18,0	9,0
MU 18 12	12,00	18,0	5,5
MU 18 12-1	12,00	18,0	7,0
MU 19 09-1	9,00	19,0	7,0
MU 20 10	10,00	20,0	5,5
MU 20 10-1	10,00	20,0	9,0

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Item			
Identification	d (mm)	D (mm)	L (mm)
MU 20 12-1	12,00	20,0	4,5
MU 20 12-2	12,00	20,0	8,0
MU 20 12	12,00	20,0	9,0
MU 20 14	14,00	20,0	5,3
MU 21 11	11,00	20,5	7,0
MU 22 08	8,00	22,0	9,0
MU 22 10	10,00	22,0	7,0
MU 22 10-1	10,00	22,0	9,0
MU 22 12	12,00	22,0	5,5
MU 22 12-4	12,00	22,0	8,0
MU 22 12-1	12,00	22,0	9,0
MU 22 14-1	14,00	22,0	7,0
MU 22 14-2	14,00	22,0	9,0
MU 22 16	16,00	22,0	4,5
MU 22 16-2	16,00	22,0	5,5
MU 24 12-1	12,00	24,0	9,0
MU 24 14	14,00	24,0	9,0
MU 24 16-1	16,00	24,0	4,5
MU 24 16-2	16,00	24,0	6,0
MU 24 16-3	16,00	24,0	9,0
MU 24 16	16,00	24,0	10,0
MU 25 10	10,00	25,0	8,0
MU 25 12-1	12,00	25,0	9,0
MU 25 15-1	15,00	25,0	5,5
MU 25 15-2	15,00	25,0	9,0
MU 25 15	15,00	25,0	11,0
MU 25 16-1	16,00	25,0	9,0
MU 25 17-2	17,00	25,0	11,0
MU 25 18	18,00	25,0	5,5
MU 25 19-1	19,00	25,0	3,5
MU 25 19	19,00	25,0	7,0
MU 25 16	15,90	25,4	7,0
MU 26 16	16,00	26,0	6,0
MU 26 16-1	16,00	26,0	9,0
MU 26 16-2	16,00	26,0	11,0
MU 26 18-1	18,00	26,0	4,5
MU 26 18	18,00	26,0	7,5
MU 26 18-4	18,00	26,0	9,0
MU 27 15	15,00	27,0	7,0
MU 28 15	15,00	28,0	11,0
MU 28 16	16,00	28,0	7,0
MU 28 18	18,00	28,0	5,5
MU 28 18-1	18,00	28,0	9,0
MU 28 20	20,00	28,0	5,0
MU 28 20-1	20,00	28,0	5,5
MU 28 20-3	20,00	28,0	9,0
MU 28 22	22,00	28,0	9,0
MU 30 18-1	18,00	30,0	9,0
MU 30 20-1	20,00	30,0	5,5
MU 30 20-3	20,00	30,0	8,0
MU 30 20-2	20,00	30,0	9,0
MU 30 20	20,00	30,0	11,0
MU 30 22-1	22,00	30,0	4,5
MU 30 22-2	22,00	30,0	7,0
MU 30 22	22,00	30,0	7,5
MU 30 22-3	22,00	30,0	11,0
MU 30 23	23,00	30,0	7,5
MU 32 16	16,00	32,0	9,0
MU 32 20-2	20,00	32,0	8,5
MU 32 20-1	20,00	32,0	10,0
MU 32 22-1	22,00	32,0	5,5
MU 32 22	22,00	32,0	9,0
MU 32 22-2	22,00	32,0	11,0

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Item			
Identification	d (mm)	D (mm)	L (mm)
MU 32 24-3	24,00	32,0	6,5
MU 32 24-1	24,00	32,0	7,5
MU 32 24-4	24,00	32,0	8,0
MU 33 25-1	25,00	33,0	4,5
MU 33 25-2	25,00	33,0	5,5
MU 33 25	25,00	33,0	7,5
MU 34 22	22,00	34,0	6,5
MU 34 26	26,00	34,0	4,5
MU 35 20	20,00	35,0	13,0
MU 35 22-1	22,00	35,0	6,0
MU 35 22	22,00	35,0	11,0
MU 35 25-1	25,00	35,0	5,5
MU 35 25-2	25,00	35,0	9,0
MU 35 25	25,00	35,0	11,0
MU 35 27	27,00	35,0	6,5
MU 35 28	28,00	35,0	5,5
MU 36 22	22,00	36,0	11,0
MU 36 24	24,00	36,0	6,5
MU 36 26-1	26,00	36,0	8,0
MU 36 28	28,00	36,0	7,5
MU 37 30	30,00	37,0	7,0
MU 38 25	25,00	38,0	9,0
MU 38 25-2	25,00	38,0	11,0
MU 38 28-1	28,00	38,0	9,0
MU 38 30	30,00	38,0	8,0
MU 38 30-2	30,00	38,0	6,5
MU 38 25-1	25,00	38,1	7,0
MU 39 20	20,00	39,0	11,0
MU 40 20-1	20,00	40,0	11,0
MU 40 20	20,00	40,0	12,0
MU 40 20-2	20,00	40,0	13,0
MU 40 22	22,00	40,0	11,0
MU 40 24	24,00	40,0	9,0
MU 40 25	25,00	40,0	8,0
MU 40 25-1	25,00	40,0	11,0
MU 40 28	28,00	40,0	6,5
MU 40 28-1	28,00	40,0	11,0
MU 40 30-1	30,00	40,0	5,5
MU 40 30	30,00	40,0	11,0
MU 40 32-1	32,00	40,0	4,5
MU 40 32	32,00	40,0	6,0
MU 40 32-3	32,00	40,0	9,0
MU 42 30-1	30,00	42,0	6,5
MU 42 30	30,00	42,0	10,0
MU 42 30-2	30,00	42,0	11,0
MU 42 32-1	32,00	42,0	5,5
MU 42 32-2	32,00	42,0	8,0
MU 42 32	32,00	42,0	11,0
MU 42 34	34,00	42,0	6,5
MU 45 25	25,00	45,0	11,0
MU 45 30	30,00	45,0	10,0
MU 45 30-1	30,00	45,0	11,0
MU 45 32	32,00	45,0	11,0
MU 45 34-1	34,00	45,0	8,0
MU 45 34	34,00	45,0	10,0
MU 45 35	35,00	45,0	5,5
MU 45 35-2	35,00	45,0	9,0
MU 45 35-3	35,00	45,0	11,0
MU 45 35-4	35,00	45,0	7,0
MU 45 38	38,00	45,0	5,5
MU 46 36	36,00	46,0	8,0
MU 46 38	38,00	46,0	7,5
MU 48 35	35,00	48,0	11,0

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Item			
Identification	d (mm)	D (mm)	L (mm)
MU 48 36	36,00	48,0	9,0
MU 48 40-1	40,00	48,0	12,0
MU 50 30	30,00	50,0	11,0
MU 50 30-1	30,00	50,0	13,0
MU 50 32-1	32,00	50,0	13,0
MU 50 34-1	34,00	50,0	15,0
MU 50 35	35,00	50,0	8,0
MU 50 35-1	35,00	50,0	11,0
MU 50 38	38,00	50,0	6,5
MU 50 38-1	38,00	50,0	10,0
MU 50 40-2	40,00	50,0	5,5
MU 50 40	40,00	50,0	7,5
MU 50 40-3	40,00	50,0	9,0
MU 50 40-1	40,00	50,0	11,0
MU 50 44	44,00	50,0	9,5
MU 51 41	40,80	50,8	7,7
MU 52 32	32,00	52,0	11,0
MU 52 40	40,00	52,0	9,0
MU 52 40-2	40,00	52,0	11,0
MU 52 42-1	42,00	52,0	10,0
MU 53 45	45,00	53,0	7,5
MU 54 42	42,00	54,0	6,5
MU 55 35	35,00	55,0	11,0
MU 55 35-1	35,00	55,0	13,0
MU 55 38	38,00	55,0	11,0
MU 55 40	40,00	55,0	11,0
MU 55 45	45,00	55,0	7,5
MU 55 45-3	45,00	55,0	9,0
MU 55 45-1	45,00	55,0	11,0
MU 56 40	40,00	56,0	11,0
MU 58 38	38,00	58,0	11,0
MU 58 48	48,00	58,0	11,0
MU 60 35	35,00	60,0	13,0
MU 60 40-1	40,00	60,0	11,0
MU 60 40-2	40,00	60,0	14,0
MU 60 40-3	40,00	60,0	19,0
MU 60 45	45,00	60,0	11,0
MU 60 48	48,00	60,0	6,5
MU 60 50-2	50,00	60,0	5,5
MU 60 50	50,00	60,0	11,0
MU 60 50-1	50,00	60,0	12,0
MU 62 42	42,00	62,0	13,0
MU 62 50	50,00	62,0	10,0
MU 62 52	52,00	62,0	13,0
MU 63 45	45,00	63,0	11,0
MU 63 48	48,00	63,0	11,0
MU 63 50	50,00	63,0	7,0
MU 63 53-1	53,00	63,0	5,5
MU 63 53	53,00	63,0	7,5
MU 63 53-2	53,00	63,0	8,0
MU 65 40	40,00	65,0	13,0
MU 65 45	45,00	65,0	11,0
MU 65 45-1	45,00	65,0	13,0
MU 65 50-1	50,00	65,0	11,0
MU 65 55-1	55,00	65,0	11,0
MU 65 55	55,00	65,0	13,0
MU 70 36	26,00	70,0	11,0
MU 70 40	40,00	70,0	16,0
MU 70 50-1	50,00	70,0	11,0
MU 70 50	50,00	70,0	13,0
MU 70 50-2	50,00	70,0	16,0
MU 70 55-1	55,00	70,0	8,0
MU 70 55	55,00	70,0	11,0

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Item			
Identification	d (mm)	D (mm)	L (mm)
MU 70 55-3	55,00	70,0	12,0
MU 70 55-2	55,00	70,0	13,0
MU 70 60-2	60,00	70,0	5,5
MU 70 60	60,00	70,0	9,0
MU 70 60-3	60,00	70,0	11,0
MU 70 60-1	60,00	70,0	13,0
MU 72 50	50,00	72,0	13,0
MU 75 50	50,00	75,0	13,0
MU 75 55	55,00	75,0	11,0
MU 75 55-1	55,00	75,0	13,0
MU 75 60-1	60,00	75,0	8,0
MU 75 60-2	60,00	75,0	11,0
MU 75 60	60,00	75,0	13,0
MU 75 63	63,00	75,0	11,0
MU 75 65	85,00	75,0	13,0
MU 76 56	56,00	76,0	13,0
MU 76 66	66,00	76,0	9,0
MU 78 63	63,00	78,0	11,0
MU 80 50	50,00	80,0	11,0
MU 80 55-3	55,00	80,0	11,0
MU 80 55	55,00	80,0	13,0
MU 80 55-1	55,00	80,0	20,0
MU 80 60	60,00	80,0	11,0
MU 80 60-1	60,00	80,0	13,0
MU 80 60-2	60,00	80,0	16,0
MU 80 60-3	60,00	80,0	19,0
MU 80 65-1	65,00	80,0	8,0
MU 80 65-3	65,00	80,0	11,0
MU 80 65-2	65,00	80,0	12,0
MU 80 65	65,00	80,0	13,0
MU 80 66	66,00	80,0	11,0
MU 80 70-2	70,00	80,0	5,5
MU 80 70	70,00	80,0	9,0
MU 80 70-3	70,00	80,0	11,0
MU 80 70-1	70,00	80,0	13,0
MU 83 63	63,00	83,0	16,0
MU 85 55	55,00	85,0	16,0
MU 85 60-2	60,00	85,0	11,0
MU 85 65-1	65,00	85,0	11,0
MU 85 65	65,00	85,0	13,0
MU 85 70	70,00	85,0	11,0
MU 85 70-1	70,00	85,0	12,0
MU 85 70-2	70,00	85,0	13,0
MU 85 75	75,00	85,0	13,0
MU 90 60	60,00	90,0	16,0
MU 90 70-1	70,00	90,0	11,0
MU 90 70	70,00	90,0	13,0
MU 90 70-2	70,00	90,0	16,0
MU 90 70-3	70,00	90,0	19,0
MU 90 75-1	75,00	90,0	8,5
MU 90 75	75,00	90,0	11,0
MU 90 75-2	75,00	90,0	13,0
MU 90 80	80,00	90,0	5,5
MU 90 80-2	80,00	90,0	11,0
MU 90 80-3	80,00	90,0	13,0
MU 93 78	78,00	93,0	11,5
MU 95 70-2	70,00	95,0	11,0
MU 95 70	70,00	95,0	13,0
MU 95 75-3	75,00	95,0	11,0
MU 95 75-1	75,00	95,0	13,0
MU 95 75	75,00	95,0	14,5
MU 95 80	80,00	95,0	8,0
MU 95 80-2	80,00	95,0	11,0

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Item			
Identification	d (mm)	D (mm)	L (mm)
MU 95 80-1	80,00	95,0	13,0
MU 95 85-1	85,00	95,0	5,5
MU 95 85	85,00	95,0	9,5
MU 95 85-3	85,00	95,0	13,0
MU 96 76	76,50	96,5	13,0
MU 100 70	70,00	100,0	16,0
MU 100 75	75,00	100,0	13,0
MU 100 75-1	75,00	100,0	20,0
MU 100 80-1	80,00	100,0	11,0
MU 100 80	80,00	100,0	13,0
MU 100 85-3	85,00	100,0	10,0
MU 100 85-2	85,00	100,0	12,0
MU 100 85	85,00	100,0	13,0
MU 100 90-2	90,00	100,0	5,5
MU 100 90-4	90,00	100,0	8,0
MU 100 90	90,00	100,0	9,0
MU 100 90-3	90,00	100,0	13,0
MU 105 80-3	80,00	105,0	23,0
MU 105 85-1	85,00	105,0	13,0
MU 105 85-2	85,00	105,0	19,0
MU 105 90-1	90,00	105,0	8,0
MU 105 90	90,00	105,0	13,0
MU 110 80	80,00	110,0	16,0
MU 110 85	85,00	110,0	13,0
MU 110 90-1	90,00	110,0	11,0
MU 110 90	90,00	110,0	13,0
MU 110 90-3	90,00	110,0	19,0
MU 110 95-1	95,00	110,0	13,0
MU 110 95-2	95,00	110,0	16,0
MU 110 100	100,00	110,0	5,5
MU 112 095-1	95,00	112,0	12,0
MU 115 085	85,00	115,0	16,0
MU 115 090-2	90,00	115,0	16,0
MU 115 095	95,00	115,0	13,0
MU 115 095-3	95,00	115,0	19,0
MU 115 100	100,00	115,0	13,0
MU 120 090	90,00	120,0	16,0
MU 120 100-1	100,00	120,0	11,0
MU 120 100	100,00	120,0	13,0
MU 120 100-3	100,00	120,0	19,0
MU 120 105-3	105,00	120,0	9,0
MU 120 105-1	105,00	120,0	12,0
MU 120 105-2	105,00	120,0	16,0
MU 125 100	100,00	125,0	13,0
MU 125 100-1	100,00	125,0	16,0
MU 125 105	105,00	125,0	13,0
MU 125 105-2	105,00	125,0	16,0
MU 125 110-1	110,00	125,0	13,0
MU 125 110-2	110,00	125,0	16,0
MU 126 115	115,00	126,0	16,0
MU 130 100	100,00	130,0	13,0
MU 130 110-2	110,00	130,0	11,0
MU 130 110-1	110,00	130,0	13,0
MU 130 110	110,00	130,0	16,0
MU 130 110-3	110,00	130,0	19,0
MU 130 120	120,00	130,0	15,0
MU 135 115	115,00	135,0	16,0
MU 135 120	120,00	135,0	16,0
MU 140 115-1	115,00	140,0	16,0
MU 140 120-1	120,00	140,0	11,0
MU 140 120	120,00	140,0	13,0
MU 140 120-2	120,00	140,0	16,0
MU 140 125	125,00	140,0	12,0

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Item

Identification	d (mm)	D (mm)	L (mm)
MU 140 125-2	125,00	140,0	16,0
MU 145 125	125,00	145,0	16,0
MU 145 125-1	125,00	145,0	19,0
MU 150 130-1	1301,00	150,0	16,0
MU 150 135-1	135,00	150,0	16,0
MU 155 125	125,00	155,0	16,0
MU 155 135	135,00	155,0	16,0
MU 160 135-1	135,00	160,0	16,0
MU 160 140	140,00	160,0	11,0
MU 160 140-2	140,00	160,0	13,0
MU 160 140-1	140,00	160,0	16,0
MU 165 145	145,00	165,0	16,0
MU 170 150-2	150,00	170,0	16,0
MU 175 160	160,00	175,0	12,0
MU 180 160	160,00	180,0	16,0
MU 190 170	170,00	190,0	16,0
MU 200 170-1	170,00	200,0	19,0
MU 200 175-1	175,00	200,0	16,0
MU 200 180	180,00	200,0	16,0
MU 220 180-1	180,00	220,0	21,0
MU 220 190	190,00	220,0	23,0
MU 225 200-2	200,00	225,0	19,0
MU 240 210	210,00	240,0	18,0
MU 250 220	220,00	250,0	19,0
MU 250 220-1	220,00	250,0	22,0
MU 320 305	305,00	320,0	18,0
MU 390 360	360,00	390,0	23,0

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