TS L
Rod seal TS-L

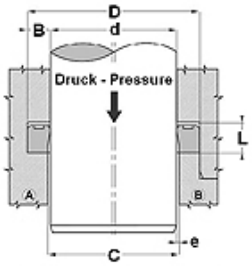
Properties

Design	Rod 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 open grooves B in closed grooves in open installation spaces
Material	PUR
Application	Hydraulics



Spaltmaß / Clearance

Druck bar	e (mm)			
	TS-TS...L		TS...-Al-TS...-LA	
	d<60mm	d>60mm	d<60mm	d>60mm
50	<0,40	<0,50	<0,60	<0,80
100	<0,30	<0,40	<0,60	<0,80
200	<0,20	<0,30	<0,40	<0,60
300	<0,15	<0,20	<0,30	<0,40
400	<0,10	<0,15	<0,20	<0,30
500			<0,10	<0,15



Toleranz / Tolerance

d	D	L
H8 / f7	±0,04	0/+0,40

Description

High abrasion resistance.
Extremely good sealing effect at low pressure.
Fast alternation of loads.

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)
TS 06 14-L	6,0	14,0	6,3
TS 08 16-L	8,0	16,0	6,3
TS 10 16-L	10,0	16,0	5,4
TS 10 18-L	10,0	18,0	6,3
TS 12 19-L	12,0	19,0	6,3
TS 12 20-L	12,0	20,0	6,3
TS 12 23-L	12,0	23,0	7,5
TS 14 20-L	14,0	20,0	5,3
TS 14 22-L	14,0	22,0	6,3
TS 16 24-L	16,0	24,0	6,3
TS 18 24-L	18,0	24,0	5,2
TS 18 25-L	18,0	25,0	5,7
TS 18 26-L	18,0	26,0	6,3
TS 18 26-L1	18,0	26,0	9,0
TS 18 28-L	18,0	28,0	6,3
TS 18 28-L1	18,0	28,0	8,0
TS 20 26-L	20,0	26,0	6,0
TS 20 28-L	20,0	28,0	6,3
TS 20 28-L1	20,0	28,0	8,0
TS 20 30-L3	20,0	30,0	5,0
TS 20 30-L	20,0	30,0	8,0
TS 22 30-L1	22,0	30,0	6,3
TS 22 32-L	22,0	32,0	8,0
TS 22 32-L1	22,0	32,0	9,0
TS 24 34-L	24,0	34,0	6,5
TS 25 33-L	25,0	33,0	6,3
TS 25 33-L2	25,0	33,0	7,5
TS 25 33-L3	25,0	33,0	8,0
TS 25 33-L1	25,0	33,0	9,0
TS 25 35-L3	25,0	35,0	6,3
TS 25 35-L1	25,0	35,0	8,0
TS 25 35-L4	25,0	35,0	9,0
TS 28 34-L	28,0	34,2	6,0
TS 28 36-L1	28,0	28,0	6,3
TS 28 36-L	28,0	36,0	9,0
TS 28 38-L	28,0	38,0	6,3
TS 28 38-L1	28,0	38,0	8,0
TS 30 38-L1	30,0	38,0	6,3

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Item

Identification	d (mm)	D (mm)	L (mm)
TS 30 38-L2	30,0	38,0	8,0
TS 30 40-L	30,0	40,0	7,5
TS 30 40-L2	30,0	40,0	11,0
TS 32 40-L1	32,0	40,0	6,3
TS 32 40-L	32,0	40,0	9,0
TS 32 42-L	32,0	42,0	8,0
TS 32 42-L2	32,0	42,0	11,0
TS 35 43-L2	35,0	43,0	6,3
TS 35 43-L	35,0	43,0	7,0
TS 35 43-L1	35,0	43,0	9,0
TS 35 45-L	35,0	45,0	8,0
TS 35 45-L1	35,0	45,0	11,0
TS 35 50-L	35,0	50,0	11,0
TS 36 44-L1	36,0	44,0	6,3
TS 36 46-L	36,0	46,0	8,0
TS 40 48-L1	40,0	48,0	6,3
TS 40 48-L2	40,0	48,0	7,0
TS 40 48-L	40,0	48,0	9,0
TS 40 50-L2	40,0	50,0	8,0
TS 40 55-L1	40,0	55,0	11,0
TS 40 60-L	40,0	60,0	11,0
TS 42 52-L	42,0	52,0	9,0
TS 45 53-L3	45,0	53,0	6,3
TS 45 53-L	45,0	53,0	9,0
TS 45 55-L2	45,0	55,0	6,3
TS 45 55-L	45,0	55,0	8,0
TS 45 55-L1	45,0	55,0	11,0
TS 45 57-L	45,0	57,0	10,5
TS 49 65-L	49,5	65,3	11,0
TS 50 58-L	50,0	58,0	9,0
TS 50 60-L	50,0	60,0	8,0
TS 50 60-L2	50,0	60,0	10,0
TS 50 60-L1	50,0	60,0	11,0
TS 50 62-L1	50,0	62,0	9,0
TS 50 65-L	50,0	65,0	11,0
TS 50 65-L1	50,0	65,0	12,5
TS 55 63-L	55,0	63,0	9,0
TS 55 65-L	55,0	65,0	8,0
TS 55 65-L1	55,0	65,0	11,0
TS 55 65-L2	55,0	65,0	13,0
TS 56 66-L1	56,0	66,0	7,5
TS 56 71-L	56,0	71,0	12,5
TS 60 68-L	60,0	68,0	9,0
TS 60 70-L	60,0	70,0	8,0
TS 60 70-L1	60,0	70,0	11,0
TS 60 70-L2	60,0	70,0	12,5
TS 60 70-L3	60,0	70,0	13,0
TS 60 71-L	60,0	71,0	9,0
TS 60 72-L	60,0	72,0	10,0
TS 60 75-L1	60,0	75,0	11,0
TS 61 69-L1	61,0	69,7	9,0
TS 63 73-L	63,0	73,0	11,0
TS 63 75-L2	63,0	75,0	9,5
TS 63 75-L1	63,0	75,0	11,0
TS 65 73-L	65,0	73,0	9,0
TS 65 75-L	65,0	75,0	13,0
TS 70 78-L	70,0	78,0	9,0
TS 70 80-L	70,0	80,0	8,0
TS 70 80-L1	70,0	80,0	11,0
TS 70 80-L2	70,0	80,0	13,0
TS 70 82-L	70,0	82,0	10,0
TS 70 85-L	70,0	85,0	12,5
TS 75 83-L1	75,0	83,0	9,0

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Item

Identification	d (mm)	D (mm)	L (mm)
TS 75 85-L	75,0	85,0	8,0
TS 75 85-L1	75,0	85,0	13,0
TS 78 86-L1	78,0	86,0	9,0
TS 79 87-L	79,0	87,7	9,0
TS 80 88-L2	80,0	88,0	9,0
TS 80 88-L1	80,0	88,0	12,5
TS 80 90-L	80,0	90,0	8,0
TS 80 90-L1	80,0	90,0	13,0
TS 80 92-L	80,0	92,0	9,6
TS 80 95-L	80,0	95,0	12,5
TS 80 96-L	80,0	96,0	10,5
TS 85 93-L	85,0	93,0	9,0
TS 85 95-L	85,0	95,0	8,0
TS 85 95-L1	85,0	95,0	13,0
TS 88 101-L	88,9	101,6	10,5
TS 90 102-L	90,0	102,0	10,0
TS 90 105-L	90,0	105,0	12,5
TS 95 103-L	95,0	103,0	9,0
TS 98 106-L	98,0	106,7	9,0
TS 100 108-L	100,0	108,0	12,5
TS 100 115-L	100,0	115,0	13,0
TS 105 113-L	105,0	113,0	9,0
TS 108 116-L	108,0	116,0	9,0
TS 110 125-L	110,0	125,0	12,0
TS 115 123-L	115,0	123,0	9,0
TS 116 124-L	116,0	124,7	9,0
TS 120 128-L1	120,0	128,0	12,5
TS 125 133-L1	125,0	133,0	7,5
TS 130 145-L	130,0	145,0	16,0
TS 135 143-L1	135,0	143,0	9,0
TS 135 143-L	135,0	143,7	9,0
TS 135 150-L	135,0	150,0	12,5
TS 140 150-L	140,0	150,0	12,5
TS 154 162-L	154,0	162,7	9,0
TS 170 180-L	170,0	180,0	11,0

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