

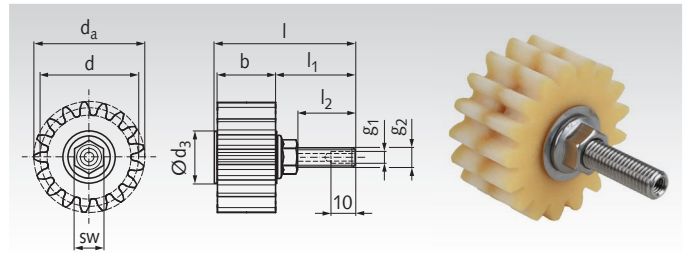
PU Lubricating Gears, Straight Toothed, Axial Lube Port

Material: Gear: Open-cell PU foam, pre-oiled with adhesive oil (H1 approval). Axle: Stainless steel. Plain Bearing.



Module toothing according to DIN 867. Not for torque transmission. The lubrication gear can lubricate a gear or a gear rack. Preferably, the gear should be lubricated. The foam stores the lubricant and releases it in very small doses. The lubricant supply can be done automatically or manually, e.g. with a grease gun.

Temperature range: -10°C to +80°C.



Ordering Details: e.g. Product No. 68057115A, PU lubrication gear, straight toothed, module 1.5, axial lube port

Product No.	Module	Number of teeth	b mm	da mm	d mm	l mm	l1 mm	l2 mm	g1 mm	g2 mm	d3 mm	sw mm	Weight g
680 571 15A	1,5	24	15	39	36	60,4	44,7	34,0	M6	M10	27	15	57
680 571 20A	2	17	20	38	34	63,9	43,2	32,5	M6	M10	27	15	63
680 571 30A	3	17	30	57	51	71,2	40,5	29,8	M6	M10	27	15	83
680 571 40A	4	17	40	76	68	81,2	40,5	29,8	M6	M10	27	15	124
680 571 50A	5	17	50	95	85	116,4	65,7	49,5	M10x1	M16	60	24	369
680 571 60A	6	17	60	114	102	126,4	65,7	49,5	M10x1	M16	60	24	448
680 571 80A	8	17	80	152	136	146,4	65,7	49,5	M10x1	M16	100	24	622
680 571 00A	10	17	100	190	170	166,6	65,7	49,5	M10x1	M16	100	24	709

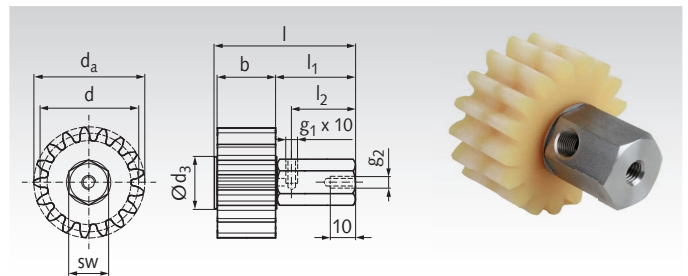
PU Lubricating Gears, Straight Toothed, Radial Lube Port

Material: Gear: Open-cell PU foam, pre-oiled with adhesive oil (H1 approval). Axle: Stainless steel. Plain Bearing.



Module toothing according to DIN 867. Not for torque transmission. The lubrication gear can lubricate a gear or a gear rack. Preferably, the gear should be lubricated. The foam stores the lubricant and releases it in very small doses. The lubricant supply can be done automatically or manually, e.g. with a grease gun.

Temperature range: -10°C to +80°C.



Ordering Details: e.g. Product No. 68057115R, PU lubrication gear, straight toothed, module 1.5, radial lube port

Product No.	Module	Number of teeth	b mm	da mm	d mm	l mm	l1 mm	l2 mm	g1 mm	g2 mm	d3 mm	sw mm	Weight g
680 571 15R	1,5	24	15	39	36	46,4	30,7	22	M10x1	M8	27	24	129
680 571 20R	2	17	20	38	34	51,4	30,7	22	M10x1	M8	27	24	135
680 571 30R	3	17	30	57	51	61,4	30,7	22	M10x1	M8	27	24	155
680 571 40R	4	17	40	76	68	71,4	30,7	22	M10x1	M8	27	24	196
680 571 50R	5	17	50	95	85	81,4	30,7	22	M10x1	M8	60	24	346
680 571 60R	6	17	60	114	102	91,4	30,7	22	M10x1	M8	60	24	425
680 571 80R	8	17	80	152	136	111,4	30,7	22	M10x1	M8	100	24	694
680 571 00R	10	17	100	190	170	131,4	30,7	22	M10x1	M8	100	24	781

Note: The spinning off of the lubricant is influenced by factors such as temperature, lubricant viscosity and pre-lubrication. There is a risk of „spraying“ at high speeds.

Further Products on Request

PU foam for food technology, high-temperature resistant environments or special toothing possible. Mounting brackets, mounting plates and other accessories are available on request.

Accessories in our Webshop



Further accessories under www.maedler.de

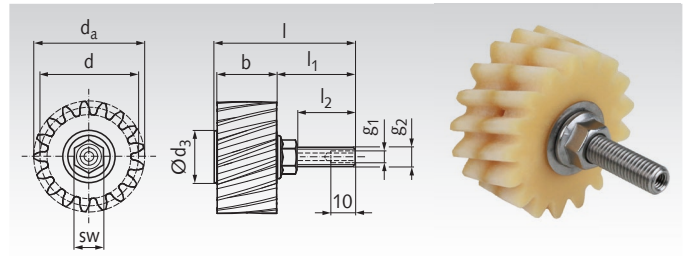
PU Lubricating Gears, Helical Toothed, Axial Lube Port

Material: Gear: Open-cell PU foam, pre-oiled with adhesive oil (H1 approval). Axle: Stainless steel. Plain Bearing.



Helical module toothing 19° 31' 42'' according to DIN 867. Not for torque transmission. The lubrication gear can lubricate a gear or a gear rack. Preferably, the gear should be lubricated. The foam stores the lubricant and releases it in very small doses. The lubricant supply can be done automatically or manually, e.g. with a grease gun. Please regard the note for helical tooth system.

Temperature range: -10°C to +80°C.



The illustrations show a left-hand lubricating gear.

Ordering Details: e.g. Product No. 68057315A, PU lubrication gear helical right-handed, module 1.5, axial lube port

Product No. right-handed	Product No. left-handed	Module	Number of teeth	b mm	d _a mm	d mm	l mm	l ₁ mm	l ₂ mm	g ₁ mm	g ₂ mm	d ₃ mm	sw mm	Weight g
680 573 15A	680 574 15A	1,5	24	15	41,2	38,20	60,4	44,7	34,0	M6	M10	27	15	58
680 573 20A	680 574 20A	2	17	20	40,1	36,08	63,9	43,2	32,5	M6	M10	27	15	65
680 573 30A	680 574 30A	3	17	30	60,1	54,11	71,2	40,5	29,8	M6	M10	27	15	90
680 573 40A	680 574 40A	4	17	40	80,2	72,15	81,2	40,5	29,8	M6	M10	27	15	130
680 573 50A	680 574 50A	5	17	50	100,2	90,19	116,4	65,7	49,5	M10x1	M16	60	24	377
680 573 60A	680 574 60A	6	17	60	120,2	108,23	126,4	65,7	49,5	M10x1	M16	60	24	463
680 573 80A	680 574 80A	8	17	80	160,3	144,30	146,4	65,7	49,5	M10x1	M16	100	24	624
680 573 00A	680 574 00A	10	17	100	200,4	180,38	166,4	65,7	49,5	M10x1	M16	100	24	711

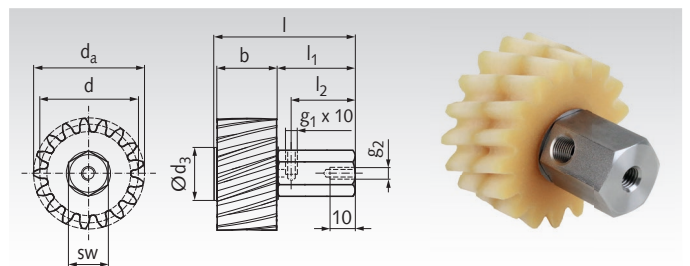
PU Lubricating Gears, Helical Toothed, Radial Lube Port

Material: Gear: Open-cell PU foam, pre-oiled with adhesive oil (H1 approval). Axle: Stainless steel. Plain Bearing.



Helical module toothing 19° 31' 42'' according to DIN 867. Not for torque transmission. The lubrication gear can lubricate a gear or a gear rack. Preferably, the gear should be lubricated. The foam stores the lubricant and releases it in very small doses. The lubricant supply can be done automatically or manually, e.g. with a grease gun. Please regard the note for helical tooth system.

Temperature range: -10°C to +80°C.



The illustrations show a left-hand lubricating gear.

Ordering Details: e.g. Product No. 68057315R, PU lubrication gear helical toothed right-handed, module 1.5, radial lube port

Product No. right-handed	Product No. left-handed	Module	Number of teeth	b mm	d _a mm	d mm	l mm	l ₁ mm	l ₂ mm	g ₁ mm	g ₂ mm	d ₃ mm	sw mm	Weight g
680 573 15R	680 574 15R	1,5	24	15	41,2	38,20	46,4	30,7	22	M10x1	M8	27	24	130
680 573 20R	680 574 20R	2	17	20	40,1	36,08	51,4	30,7	22	M10x1	M8	27	24	139
680 573 30R	680 574 30R	3	17	30	60,1	54,11	61,4	30,7	22	M10x1	M8	27	24	159
680 573 40R	680 574 40R	4	17	40	80,2	72,15	71,4	30,7	22	M10x1	M8	27	24	198
680 573 50R	680 574 50R	5	17	50	100,2	90,19	81,4	30,7	22	M10x1	M8	60	24	350
680 573 60R	680 574 60R	6	17	60	120,2	108,23	91,4	30,7	22	M10x1	M8	60	24	430
680 573 80R	680 574 80R	8	17	80	160,3	144,30	111,4	30,7	22	M10x1	M8	100	24	696
680 573 00R	680 574 00R	10	17	100	200,4	180,38	131,4	30,7	22	M10x1	M8	100	24	783

Note: The spinning off of the lubricant is influenced by factors such as temperature, lubricant viscosity and pre-lubrication. There is a risk of „spraying“ at high speeds.

Note for Helical Tooth System

In the helical tooth system, only right-handle / left-handle pairing is possible. A right-handed gear can only run with a left-handed gear or a left-handed rack (or inverse).

Further Products on Request

PU foam for food technology, high-temperature resistant environments or special toothing possible. Mounting brackets, mounting plates and other accessories are available on request.

Accessories in our Webshop



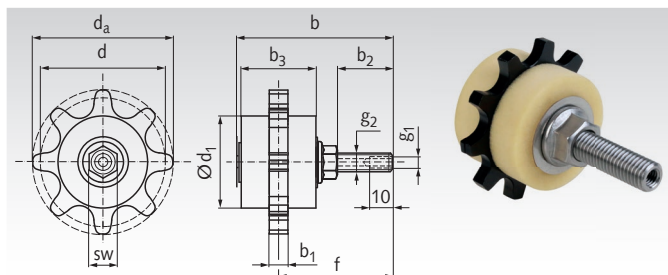
PU Chain Lubrication Pinions for Single-Strand Roller Chains, Axial Lube Port

Material: Body: Open-cell PU foam.
Axle: Stainless steel. Plain bearing. Chain sprocket: PA.



For simplex roller chains DIN ISO 606 (ex DIN 8187).
The rollers made of open-cell PU foam transfer the lubricant to the roller chain link plates at specific points. The lubrication roller is driven by a plastic pinion. It can be installed in any position.
The lubricant supply can be done automatically or manually, e.g. with a grease gun.

Temperature range: -10°C to +80°C.



Ordering Details: e.g. Product No. 68057508, PU chain lubrication sprocket 08 B-1, axial lube port

Product No.	DIN ISO	Number of teeth	d mm	d ₁ mm	d _a mm	b mm	b ₁ mm	b ₂ mm	b ₃ mm	f mm	g ₁ mm	g ₂ mm	sw mm	Weight g
680 575 08	08 B-1	12	49,07	39	53	71,2	5	30	29	55,5	M6	M10	15	80
680 575 10	10 B-1	10	51,37	39	55	71,2	5	30	29	55,5	M6	M10	15	80
680 575 12	12 B-1	8	49,78	36	55	71,2	5	30	29	55,5	M6	M10	15	80
680 575 16	16 B-1	8	66,37	48	75	81,2	10	30	40	60,5	M6	M10	15	90
680 575 20	20 B-1	8	82,97	59	90	116,4	10	49,1	50	90,7	M10x1	M16	24	350
680 575 24	24 B-1	10	123,29	93	138	126,4	20	49,1	60	95,7	M10x1	M16	24	800

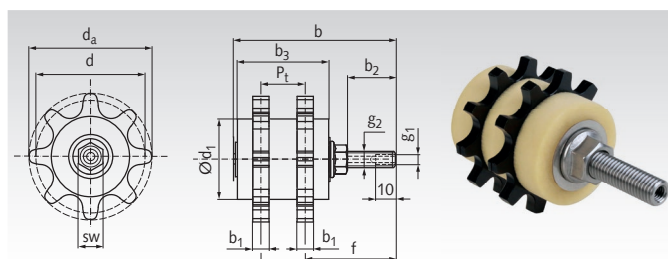
PU Chain Lubrication Pinions for Double-Strand Roller Chains, Axial Lube Port

Material: Body: Open-cell PU foam.
Axle: Stainless steel. Plain bearing. Chain sprocket: PA.



For duplex roller chains DIN ISO 606 (ex DIN 8187).
The rollers made of open-cell PU foam transfer the lubricant to the roller chain link plates at specific points. The lubrication roller is driven by a plastic pinion. It can be installed in any position.
The lubricant supply can be done automatically or manually, e.g. with a grease gun.

Temperature range: -10°C to +80°C.



Ordering Details: e.g. Product No. 68057608, PU chain lubrication sprocket 08 B-2, axial lube port

Product No.	DIN ISO	Number of teeth	d mm	d ₁ mm	d _a mm	b mm	b ₁ mm	b ₂ mm	b ₃ mm	P _t mm	f mm	g ₁ mm	g ₂ mm	sw mm	Weight g
680 576 08	08 B-2	12	49,07	39	53	81,2	5	30	40	15	53	M6	M10	15	115
680 576 10	10 B-2	10	51,37	39	55	81,2	5	30	40	15	53	M6	M10	15	115
680 576 12	12 B-2	8	49,78	36	55	86,2	5	30	44	15	55,5	M6	M10	15	115
680 576 16	16 B-2	8	66,37	48	75	146,4	10	49,1	80	30	90,7	M10x1	M16	24	130
680 576 20	20 B-2	8	82,97	59	90	146,4	10	49,1	80	30	90,7	M10x1	M16	24	417
680 576 24	24 B-2	10	123,29	93	138	166,4	10	49,1	100	50	95,7	M10x1	M16	24	923

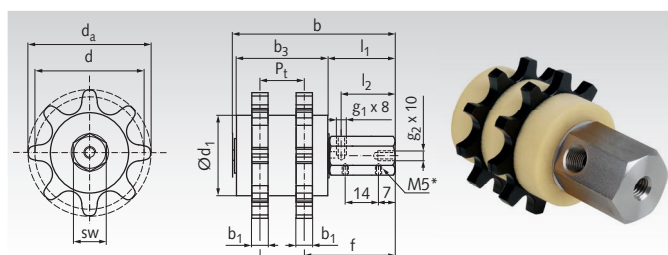
PU Chain Lubrication Pinions for Double-Strand Roller Chains, Radial Lube Port

Material: Body: Open-cell PU foam.
Axle: Stainless steel. Plain bearing. Chain sprocket: PA.



For duplex roller chains DIN ISO 606 (ex DIN 8187).
The rollers made of open-cell PU foam transfer the lubricant to the roller chain link plates at specific points. The lubrication roller is driven by a plastic pinion. It can be installed in any position.
The lubricant supply can be done automatically or manually, e.g. with a grease gun.

Temperature range: -10°C to +80°C.



Ordering Details: e.g. Product No. 68057608R, PU chain lubrication sprocket 08 B-2, radial lube port

Product No.	DIN ISO	Number of teeth	d mm	d ₁ mm	d _a mm	b mm	b ₁ mm	P _t mm	l ₁ mm	l ₂ mm	b ₃ mm	f mm	g ₁ mm	g ₂ mm	sw mm	Weight g
680 576 08R	08 B-2	12	49,07	39	53	71,4	5	15	30	22	40	43,2	M10x1	M8	24	187
680 576 10R	10 B-2	10	51,37	39	55	71,4	5	15	30	22	40	43,2	M10x1	M8	24	187
680 576 12R	12 B-2	8	49,78	36	55	76,4	5	15	30	22	44	45,7	M10x1	M8	24	187
680 576 16R	16 B-2	8	66,37	48	75	111,4	10	30	30	22	80	55,7	M10x1	M8	24	202
680 576 20R	20 B-2	8	82,97	59	90	111,4	10	30	30	22	80	55,7	M10x1	M8	24	501
680 576 24R	24 B-2	10	123,29	93	138	131,4	10	50	30	22	100	50,7	M10x1	M8	24	1010

Note: The spinning off of the lubricant is influenced by factors such as temperature, lubricant viscosity and pre-lubrication. There is a risk of „spraying“ at high speeds.

*Fastening thread for spring plate mounting.

On request: Can also be supplied with a spring plate on one or both sides for easy installation.