

Worm and wheel set



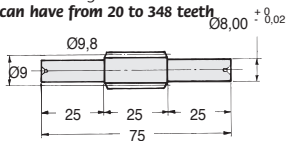
Module 0.4 Worm in steel or machined plastic

- Pitch 1.257mm
- **Machined parts**
- Pressure angle 20°
- Right handed lead angle
- Materials:
Worm: Steel 20NCD2 or Delrin plastic
Wheel: Bronze CuAl10NiFe4 or Delrin plastic
- Delrin: Working temp. -50°C to +80°C

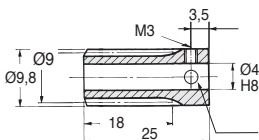


Options

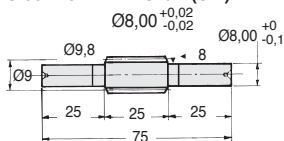
- Left handed lead angle
- **Wheel can have from 20 to 348 teeth**



Steel worm with shaft (SW)



Steel (W) or plastic (ZW) worm with bore



Plastic worm with shaft (ZSW)

DISCOUNT STEEL

Qty	1+	6+	20+	50+
Disc.	List -12%	-25%	On request	

DISCOUNT DELRIN

Qty	1+	6+	30+
Disc.	List -22%	On request	

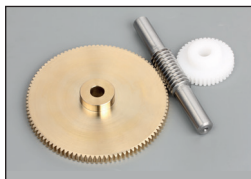
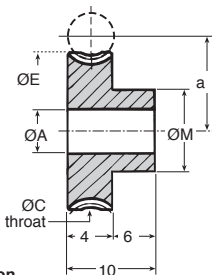
Part number		No. of starts	Lead angle	Price each 1 to 5	
Worm with bore	Worm with shaft			Worm with bore	Worm with shaft
Non hardened steel					
W0.4-1	SW0.4-1	1	2°32'	29,03 €	53,12 €
W0.4-2	SW0.4-2	2	5°04'	29,44 €	56,87 €
W0.4-3	SW0.4-3	3	7°35'	30,93 €	60,10 €
W0.4-4	SW0.4-4	4	10°40'	33,31 €	61,95 €
Hardened steel					
WH0.4-1	SWH0.4-1	1	2°32'	40,37 €	75,55 €
WH0.4-2	SWH0.4-2	2	5°04'	41,86 €	80,85 €
WH0.4-3	SWH0.4-3	3	7°35'	43,30 €	85,35 €
WH0.4-4	SWH0.4-4	4	10°40'	47,30 €	88,08 €
Plastic					
ZW0.4-1	ZSW0.4-1	1	2°32'	19,94 €	37,53 €
ZW0.4-2	ZSW0.4-2	2	5°04'	20,81 €	40,11 €
ZW0.4-3	ZSW0.4-3	3	7°35'	21,75 €	42,41 €
ZW0.4-4	ZSW0.4-4	4	10°40'	23,41 €	43,75 €

Dimensions in mm

Wheel in bronze or **machined** plastic **Module 0.4**

Info.

- Pitch 1.257mm
- To order, add the number of starts on the worm to the wheel's part number.
E.g: worm **WO.4-1**, wheel **MO.4-20/1**
- The use of a delrin worm with a delrin wheel is only recommended for occasional use. The use of a delrin worm with a steel wheel is preferred.



Torque and power indication
for 50 teeth at 1000 rpm (input)

WHEEL material	Bronze	Delrin
WORM material	Nm (kW)	Nm (kW)
Steel	0.57 (0.0012)	0.36 (0.00075)
Hardened steel	1.00 (0.0021)	-
Delrin	-	0.14 (0.00030)

DISCOUNT Bronze

Qty	1+	6+	20+	50+
Disc.	List	-12%	-25%	On request

DISCOUNT Delrin

Qty	1+	6+	30+
Disc.	List	-22%	On request

Part number		Z	Centres						Price each 1 to 5	
Bronze	Delrin	Teeth	ØP	a	ØC	ØE	ØM	ØA	Bronze	Plastic
MO.4-20/1	ZMO.4-20/1	20	8,00	8,50	8,80	9,20	8,80	3	23,84 €	11,97 €
MO.4-24/1	ZMO.4-24/1	24	9,60	9,30	10,40	10,80	10,40	3	24,44 €	12,25 €
MO.4-28/1	ZMO.4-28/1	28	11,20	10,10	12,00	12,40	10,40	3	26,13 €	13,09 €
MO.4-30/1	ZMO.4-30/1	30	12,00	10,50	12,80	13,20	8,00	3	26,68 €	13,35 €
MO.4-34/1	ZMO.4-34/1	34	13,60	11,30	14,40	14,80	8,00	3	27,24 €	13,69 €
MO.4-36/1	ZMO.4-36/1	36	14,40	11,70	15,20	15,60	8,00	3	28,40 €	14,13 €
MO.4-40/1	ZMO.4-40/1	40	16,00	12,50	16,80	17,20	12,00	4	29,38 €	14,72 €
MO.4-45/1	ZMO.4-45/1	45	18,00	13,50	18,80	19,20	12,00	4	29,75 €	14,94 €
MO.4-48/1	ZMO.4-48/1	48	19,20	14,10	20,00	20,40	12,00	4	29,75 €	15,05 €
MO.4-50/1	ZMO.4-50/1	50	20,00	14,50	20,80	21,20	12,00	4	29,75 €	15,18 €
MO.4-62/1	ZMO.4-62/1	62	24,80	16,90	25,60	26,00	12,00	4	29,94 €	15,78 €
MO.4-72/1	ZMO.4-72/1	72	28,80	18,90	29,60	30,00	12,00	5	32,25 €	16,15 €
MO.4-75/1	ZMO.4-75/1	75	30,00	19,50	30,80	31,20	12,00	5	32,41 €	17,90 €
MO.4-84/1	ZMO.4-84/1	84	33,60	21,30	34,40	34,80	12,00	5	34,10 €	18,93 €
MO.4-100/1	ZMO.4-100/1	100	40,00	24,50	40,80	41,20	12,00	5	41,97 €	22,44 €
MO.4-120/1	ZMO.4-120/1	120	48,00	28,50	48,80	49,20	12,00	5	47,32 €	25,99 €
MO.4-130/1	ZMO.4-130/1	130	52,00	30,50	52,80	53,20	12,00	5	54,34 €	28,36 €
MO.4-140/1	ZMO.4-140/1	140	56,00	32,50	56,80	57,20	12,00	5	61,95 €	31,19 €
MO.4-200/1	ZMO.4-200/1	200	80,00	44,50	80,80	81,20	20,00	6	117,17 €	58,95 €
MO.4-300/1	ZMO.4-300/1	300	120,00	64,50	120,80	121,20	20,00	6	273,05 €	99,46 €

↓ ↓ Wheels available up to this size		↓	↓
MO.4-348	ZMO.4-348	348	Dimensions : contact us
			On request On request

Dimensions in mm

Our other products



RVM25
Manually operated gearbox, Bevel



NCT
Square tube connector, Fixed angle



CHMR110
Worm and wheel gear reducer, up to 980 Nm



GSI
Stainless steel gas spring, Stainless steel



DER63
Stainless steel AC asynchronous motor
0.18 kW, 0.18kW



NK27
Drylin®N miniature guiding system, Width 27 mm



SVG
Adjustable latch clamp with strike plate, Stroke from 118mm to 130,5mm



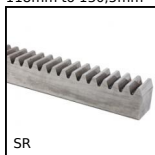
MET
Cylindrical sintered bronze bush, Self-lubricating sintered bronze



CHT
Asynchronous AC Motor 1.1 to 1.85kW,



HLA28
Right angle spiro bevel gearbox, Up to



SR
Narrow spur rack, Stainless steel



LVT
Miniatur motorised actuator 1A, 1 amper

Complementary products