

Worm and wheel set



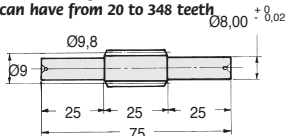
Module 0.4 Worm in steel or machined plastic

- 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

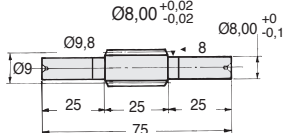


Options

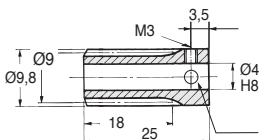
- Left handed lead angle
- **Wheel can have from 20 to 348 teeth**



Steel worm with shaft (SW)



Plastic worm with shaft (ZSW)



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

DISCOUNT STEEL

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

DISCOUNT DELRIN

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

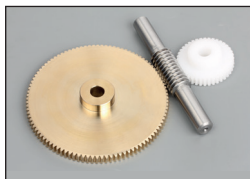
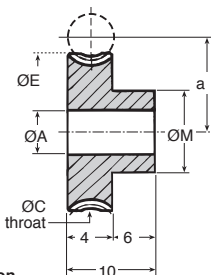
Part number		No. of starts	Lead angle	Price each 1 to 5	
Worm with bore	Worm with shaft			Worm with bore	Worm with shaft
Non hardened steel					
W0.4-1	SW0.4-1	1	2°32'	29,03 €	53,12 €
W0.4-2	SW0.4-2	2	5°04'	29,44 €	56,87 €
W0.4-3	SW0.4-3	3	7°35'	30,93 €	60,10 €
W0.4-4	SW0.4-4	4	10°40'	33,31 €	61,95 €
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 **W0.4-1**, wheel **M0.4-20/1**
- 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 Nm (kW)	Delrin 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	
M0.4-20/1	ZM0.4-20/1	20	8,00	8,50	8,80	9,20	8,80	3	23,84 € 11,97 €
M0.4-24/1	ZM0.4-24/1	24	9,60	9,30	10,40	10,80	10,40	3	24,44 € 12,25 €
M0.4-28/1	ZM0.4-28/1	28	11,20	10,10	12,00	12,40	10,40	3	26,13 € 13,09 €
M0.4-30/1	ZM0.4-30/1	30	12,00	10,50	12,80	13,20	8,00	3	26,68 € 13,35 €
M0.4-34/1	ZM0.4-34/1	34	13,60	11,30	14,40	14,80	8,00	3	27,24 € 13,69 €
M0.4-36/1	ZM0.4-36/1	36	14,40	11,70	15,20	15,60	8,00	3	28,40 € 14,13 €
M0.4-40/1	ZM0.4-40/1	40	16,00	12,50	16,80	17,20	12,00	4	29,38 € 14,72 €
M0.4-45/1	ZM0.4-45/1	45	18,00	13,50	18,80	19,20	12,00	4	29,75 € 14,94 €
M0.4-48/1	ZM0.4-48/1	48	19,20	14,10	20,00	20,40	12,00	4	29,75 € 15,05 €
M0.4-50/1	ZM0.4-50/1	50	20,00	14,50	20,80	21,20	12,00	4	29,75 € 15,18 €
M0.4-62/1	ZM0.4-62/1	62	24,80	16,90	25,60	26,00	12,00	4	29,94 € 15,78 €
M0.4-72/1	ZM0.4-72/1	72	28,80	18,90	29,60	30,00	12,00	5	32,25 € 16,15 €
M0.4-75/1	ZM0.4-75/1	75	30,00	19,50	30,80	31,20	12,00	5	32,41 € 17,90 €
M0.4-84/1	ZM0.4-84/1	84	33,60	21,30	34,40	34,80	12,00	5	34,10 € 18,93 €
M0.4-100/1	ZM0.4-100/1	100	40,00	24,50	40,80	41,20	12,00	5	41,97 € 22,44 €
M0.4-120/1	ZM0.4-120/1	120	48,00	28,50	48,80	49,20	12,00	5	47,32 € 25,99 €
M0.4-130/1	ZM0.4-130/1	130	52,00	30,50	52,80	53,20	12,00	5	54,34 € 28,36 €
M0.4-140/1	ZM0.4-140/1	140	56,00	32,50	56,80	57,20	12,00	5	61,95 € 31,19 €
M0.4-200/1	ZM0.4-200/1	200	80,00	44,50	80,80	81,20	20,00	6	117,17 € 58,95 €
M0.4-300/1	ZM0.4-300/1	300	120,00	64,50	120,80	121,20	20,00	6	273,05 € 99,46 €
↓ ↓		Wheels available up to this size						↓ ↓	
M0.4-348	ZM0.4-348	348	Dimensions : contact us						On request On request

Dimensions in mm