

Worm and wheel set



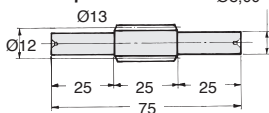
Module 0.5 Worm in steel or machined plastic

- Pitch 1.571mm
- 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

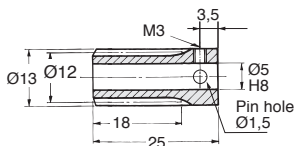


Options

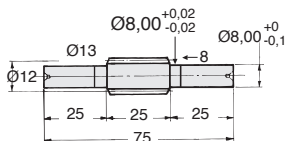
- Left handed lead angle
- Wheel can have from 12 to 278 teeth $\varnothing 8,00^{+0,02}_{-0,02}$



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

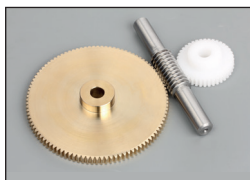
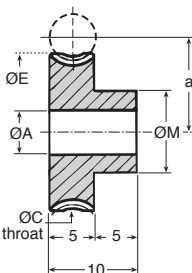
Part number		No. of starts	Lead angle	Price each 1 to 5	
Worm with bore	Worm with shaft			Worm with bore	Worm with shaft
Non hardened steel					
W0.5-1	SW0.5-1	1	2°23'	28,40 €	55,93 €
W0.5-2	SW0.5-2	2	4°45'	29,44 €	58,42 €
W0.5-3	SW0.5-3	3	7°07'	30,93 €	61,63 €
W0.5-4	SW0.5-4	4	9°27'	33,31 €	64,45 €
Hardened steel					
WH0.5-1	SWH0.5-1	1	2°23'	40,37 €	79,50 €
WH0.5-2	SWH0.5-2	2	4°45'	41,86 €	82,96 €
WH0.5-3	SWH0.5-3	3	7°07'	44,00 €	87,57 €
WH0.5-4	SWH0.5-4	4	9°27'	47,30 €	91,73 €
Delrin					
ZW0.5-1	ZSW0.5-1	1	2°23'	19,94 €	39,47 €
ZW0.5-2	ZSW0.5-2	2	4°45'	20,81 €	41,18 €
ZW0.5-3	ZSW0.5-3	3	7°07'	21,75 €	43,42 €
ZW0.5-4	ZSW0.5-4	4	9°27'	23,41 €	45,57 €

Dimensions in mm

Wheel in bronze or machined plastic Module 0.5

Info.

- Pitch 1.571mm
- To order, add the number of starts on the worm to the wheel's part number.
E.g: worm **W0.5-1**, wheel **M0.5-20/1**
- 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)
WORM material		
Steel	1.01 (0.0060)	0.65 (0.0040)
Hardened steel	1.86 (0.0039)	-
Delrin	-	0.25 (0.0005)

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		Z	Centres						Price each 1 to 5	
Bronze	Plastic	Teeth	ØP	a	ØC	ØE	ØM	ØA	Bronze	Plastic
M0.5-12	ZM0.5-12	12	6,00	9,00	7,00	7,50	5,00	3	22,05 €	11,03 €
M0.5-15	ZM0.5-15	15	7,50	9,75	8,50	9,00	6,50	4	23,30 €	11,68 €
M0.5-20	ZM0.5-20	20	10,00	11,00	11,00	11,50	8,50	4	25,79 €	12,93 €
M0.5-25	ZM0.5-25	25	12,50	12,25	13,50	14,00	10,00	4	27,53 €	13,83 €
M0.5-28	ZM0.5-28	28	14,00	13,00	15,00	15,50	10,00	4	28,01 €	14,03 €
M0.5-30	ZM0.5-30	30	15,00	13,50	16,00	16,50	13,00	6	28,12 €	14,06 €
M0.5-32	ZM0.5-32	32	16,00	14,00	17,00	17,50	13,00	6	29,35 €	14,72 €
M0.5-40	ZM0.5-40	40	20,00	16,00	21,00	21,50	13,00	6	34,23 €	17,21 €
M0.5-42	ZM0.5-42	42	21,00	16,50	22,00	22,50	13,00	6	34,77 €	17,41 €
M0.5-48	ZM0.5-48	48	24,00	18,00	25,00	25,50	13,00	6	36,51 €	18,29 €
M0.5-50	ZM0.5-50	50	25,00	18,50	26,00	26,50	13,00	6	37,02 €	18,57 €
M0.5-60	ZM0.5-60	60	30,00	21,00	31,00	31,50	13,00	6	43,64 €	24,15 €
M0.5-78	ZM0.5-78	78	39,00	25,50	40,00	40,50	13,00	6	55,43 €	30,69 €
M0.5-80	ZM0.5-80	80	40,00	26,00	41,00	41,50	13,00	6	57,20 €	36,00 €
M0.5-90	ZM0.5-90	90	45,00	28,50	46,00	46,50	13,00	6	76,77 €	48,30 €
M0.5-100	ZM0.5-100	100	50,00	31,00	51,00	51,50	13,00	6	91,23 €	57,50 €
M0.5-110	ZM0.5-110	110	55,00	33,50	56,00	56,50	13,00	6	95,00 €	59,83 €
M0.5-150	ZM0.5-150	150	75,00	43,50	76,00	76,50	13,00	6	102,40 €	64,36 €
M0.5-160	ZM0.5-160	160	80,00	46,00	81,00	81,50	13,00	6	116,81 €	73,60 €
M0.5-200	ZM0.5-200	200	100,00	56,00	101,00	101,50	13,00	6	221,69 €	80,79 €

Wheels available up to this size		Dimensions : contact us		On request On request	
M0.5-278	ZM0.5-278	278			

Dimensions in mm