

Worm and wheel set



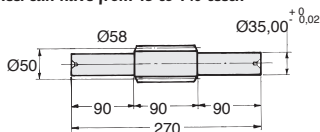
Module 4.0 Worm in steel or machined plastic

- Pitch 12.566mm
- 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

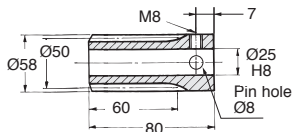


Options

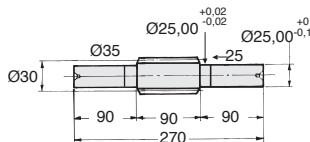
- Left handed lead angle
- **Wheel can have from 15 to 140 teeth**



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

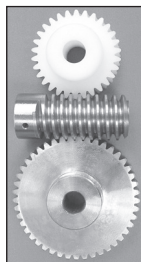
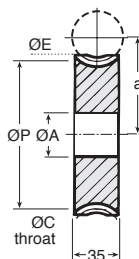
Part number		No. of starts	Lead angle	Price each 1 to 5	
Worm with bore	Worm with shaft			Worm with bore	Worm with shaft
Non hardened steel					
W4-1	SW4-1	1	4°34'	165,37 €	222,41 €
W4-2	SW4-2	2	9°50'	173,81 €	234,11 €
W4-3	SW4-3	3	13°30'	182,83 €	247,20 €
W4-4	SW4-4	4	17°45'	194,23 €	263,83 €
Hardened steel					
WH4-1	SWH4-1	1	4°34'	207,04 €	308,46 €
WH4-2	SWH4-2	2	9°50'	218,48 €	314,40 €
WH4-3	SWH4-3	3	13°30'	225,94 €	326,95 €
WH4-4	SWH4-4	4	17°45'	240,21 €	336,18 €
Delrin					
ZW4-1	ZSW4-1	1	4°34'	112,11 €	157,30 €
ZW4-2	ZSW4-2	2	9°50'	131,97 €	165,25 €
ZW4-3	ZSW4-3	3	13°30'	124,71 €	175,18 €
ZW4-4	ZSW4-4	4	17°45'	132,73 €	184,28 €

Dimensions in mm

Wheel in bronze or machined plastic Module 4.0

Info.

- Pitch 12.566mm
- To order, add the number of starts on the worm to the wheel's part number.
E.g: **worm W4-1**, wheel **M4-20/1**
- 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 \ WORM material	Bronze Nm (kW)	Delrin Nm (kW)
Steel	309 (0.647)	61 (0.129)
Hardened steel	417 (0.873)	-
Delrin	-	154 (0.324)

DISCOUNT Bronze

Qty	1+	6+	20+	40+
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	ØA	Bronze	Plastic
PM4-15	ZPM4-15	15	60	55	68	72	25	174,86 €	125,90 €
PM4-20	ZPM4-20	20	80	65	88	92	25	203,53 €	146,50 €
PM4-25	ZPM4-25	25	100	75	108	112	35	568,17 €	207,15 €
PM4-30	ZPM4-30	30	120	85	128	132	35	900,80 €	302,77 €
PM4-40	ZPM4-40	40	160	105	168	172	35	On request	On request
PM4-50	ZPM4-50	50	200	125	208	212	35	On request	On request
PM4-55	ZPM4-55	55	220	135	228	232	35	On request	On request
PM4-60	ZPM4-60	60	240	145	248	252	35	On request	On request
↓ ↓		Wheels available up to this size							↓
PM4-140	ZPM-140	140	Dimensions: contact us					On request	On request

Dimensions in mm