

# Worms & Wheels

Materials

4 MOD, 12.56mm Pitch

STD : Phosphor Bronze PB2  
and Steel 214M15 / 655M13



20° Pressure Angle

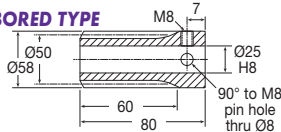
LEAD ANGLE  
RIGHT HAND  
STANDARD

### DISCOUNTS

1 - 5	List Price
6 - 19	- 12%
20 - 39	- 25%
40 - 59	- 33%
60 - 99	- 37%
100 - 200	- 42%

## Worm STEEL 214 M15 - En202

### BORED TYPE



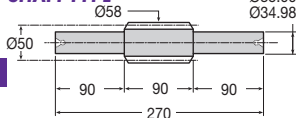
### 214M15 - EN202 UNHARDENED

PART NUMBER	PRICE EACH 1-5	No. of STARTS	LEAD ANGLE	PART NUMBER	PRICE EACH 1-5
W4-1	£85.48	1	4°34'	WH4-1	£107.02
W4-2	£89.84	2	9°05'	WH4-2	£112.93
W4-3	£94.52	3	13°30'	WH4-3	£116.79
W4-4	£100.41	4	17°45'	WH4-4	£124.17

### 214M15 - EN202 HARDENED

PART NUMBER	PRICE EACH 1-5	No. of STARTS	LEAD ANGLE	PART NUMBER	PRICE EACH 1-5
WH4-1	£107.02	1	4°34'	SWH4-1	£159.45
WH4-2	£112.93	2	9°05'	SWH4-2	£162.52
WH4-3	£116.79	3	13°30'	SWH4-3	£168.99
WH4-4	£124.17	4	17°45'	SWH4-4	£173.81

### SHAFT TYPE



### 214M15 - EN202 UNHARDENED

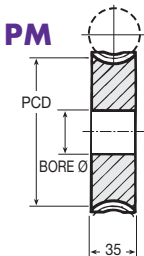
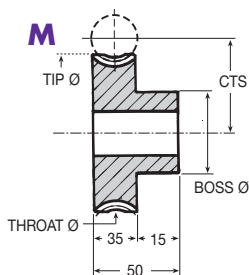
PART NUMBER	PRICE EACH 1-5	No. of STARTS	LEAD ANGLE	PART NUMBER	PRICE EACH 1-5
SW4-1	£114.93	1	4°34'	SWH4-1	£159.45
SW4-2	£121.01	2	9°05'	SWH4-2	£162.52
SW4-3	£127.77	3	13°30'	SWH4-3	£168.99
SW4-4	£136.39	4	17°45'	SWH4-4	£173.81

### 655M13 - EN36 HARDENED

PART NUMBER	PRICE EACH 1-5	No. of STARTS	LEAD ANGLE	PART NUMBER	PRICE EACH 1-5
SWH4-1	£159.45	1	4°34'	SWH4-1	£159.45
SWH4-2	£162.52	2	9°05'	SWH4-2	£162.52
SWH4-3	£168.99	3	13°30'	SWH4-3	£168.99
SWH4-4	£173.81	4	17°45'	SWH4-4	£173.81

## Wheel PHOSPHOR BRONZE - PB2

REDUCTION RATIO = No. of Teeth in Wheel  
= No. of Starts in Worm



Double  
Bossed  
Wheels  
Available @  
Price x 1.4

15.38



Unit 14, Foxwood Ind. Park, Foxwood Rd. Chesterfield, Derbyshire S41 9RN  
Telephone +44(0)1246 268080 Fax +44(0)1246 260003

Worms & Steel MOD 4

Worms & Wheels Bronze

## LEAD ANGLE RIGHT HAND STANDARD

Number of Teeth between 15 - 60  
See *Technical Section*

TORQUE CHECK variations at back	50 TEETH x 1000 R.P.M. INPUT	
	WITH STD WORM	WITH HARD WORM
<b>TORQUE Nm</b>	309	417
<b>K.W.</b>	0.647	0.873

*Note: When ordering Wheel, the number of starts on the mating Worm must be specified.*

PART NUMBER	TEETH	PCD (mm)	CTS (mm)	Throat Ø (mm)	Tip Ø (mm)	Boss Ø (mm)	Bore Ø (mm)	PRICE EACH 1 - 5	
								M	PM
M4-15	15	60	55	68	72	40	25	£129.17	£90.42
M4-20	20	80	65	88	92	50	25	£150.32	£105.16
M4-25	25	100	75	108	112	75	35	£234.97	£164.46
M4-30	30	120	85	128	132	75	35	£338.35	£236.84
M4-35	35	140	95	148	152	75	35	£460.61	£322.42
M4-40	40	160	105	168	172	75	35	£538.02	£403.48
M4-45	45	180	115	188	192	75	35	£671.54	£504.35
M4-50	50	200	125	208	212	75	35	£773.40	£580.02
M4-55	55	220	135	228	232	75	35	£975.20	£731.38
M4-60	60	240	145	248	252	75	35	£1143.32	£857.47

*'Never Knowingly Outpriced'*



# Worms & Wheels

## 4 MOD, 12.56mm Pitch

### Materials

STD : Delrin  
Machined Parts

**LEAD ANGLE  
RIGHT HAND  
STANDARD**



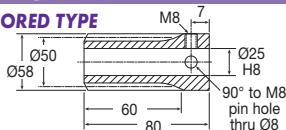
**20° Pressure Angle**

### DISCOUNTS

Quantity	List Price
1 - 5	List Price
6 - 29	- 22%
30 - 99	- 44%
100 - 399	- 47%
400 - 999	- 50%
1000 - 5000	- 53%

## Worm DELRIN - Machined Parts

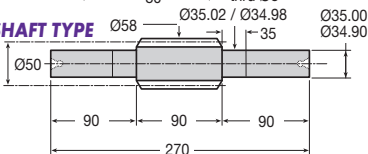
### BORED TYPE



### PLASTIC

PART NUMBER	No. of STARTS	LEAD ANGLE	PRICE EACH 1-5
ZW4-1	1	4°34'	£57.94
ZW4-2	2	9°05'	£60.52
ZW4-3	3	13°30'	£64.47
ZW4-4	4	17°45'	£68.62

### SHAFT TYPE



### PLASTIC

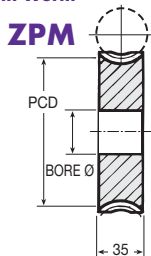
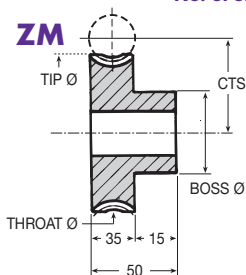
PART NUMBER	No. of STARTS	LEAD ANGLE	PRICE EACH 1-5
ZSW4-1	1	4°34'	£81.31
ZSW4-2	2	9°05'	£85.39
ZSW4-3	3	13°30'	£90.51
ZSW4-4	4	17°45'	£95.25

MOD 4

Worms & Wheels Plastic

## Wheel DELRIN - Machined Parts

**REDUCTION RATIO = No. of Teeth in Wheel  
= No. of Starts in Worm**



**Double  
Bossed  
Wheels  
Available @  
Price x 1.4**

**15.40**



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