



TECHNICAL FEATURES		
<b>Product</b>	ATE 250 Encoder Wheel	ATE 256 Encoder Wheel
<b>Wheel Circumference</b>	250 mm	256 mm
<b>Wheel Diameter</b>	79,6 mm	81,5 mm
<b>Weight</b>	520 gr	490 gr
<b>Hole Diameter (ØD)</b>	8 or 10 mm (optional others)	
<b>Material</b>	Body : POM Outer part : NBR	
<b>Temperature Range</b>	-25...+85 °C	

By connecting the encoder wheels to the appropriate encoder, various packaging machines, textile machines, sheet metal production, etc. It is used to measure the length and speed of a moving target in industrial machines.

The wheel circumference can be selected according to the pulse number of the encoder to be used. Below is an example table:

Encoder Pulse	Gear Ratio	Wheel Circumference	Resolution (Moving distance per 1 pulse)
5000 pulse	1:1	250mm	0,05mm/pulse
2500 pulse	1:1	250mm	0,1mm/pulse
1000 pulse	1:1	250mm	0,25mm/pulse
500 pulse	1:1	250mm	0,5mm/pulse
250 pulse	1:1	250mm	1mm/pulse
50 pulse	1:1	250mm	5mm/pulse
25 pulse	1:1	250mm	10mm/pulse
10 pulse	1:1	250mm	25mm/pulse
1 pulse	1:1	250mm	250mm/pulse
1024 Pulse	1:1	256mm	0,25mm/pulse
512 Pulse	1:1	256mm	0,5mm/pulse
256 Pulse	1:1	256mm	1mm/pulse

## ORDER CODE

Order Code	Description
ATE 250-8mm	250mm wheel circumference, 8mm hole diameter
ATE 250-10mm	250mm wheel circumference, 10mm hole diameter
ATE 256-8mm	256mm wheel circumference, 8mm hole diameter
ATE 256-10mm	256mm wheel circumference, 10mm hole diameter

\*Optionally, different hole diameters can be made. Please inquire for different hole diameters.