

# INTERMITTENT MOTION CLUTCHES

## SINGLE REVOLUTION



### Controlled Motion

Hilliard single revolution clutches provide output cycles, on demand, from a continuously running input. The output cycles can be a fraction of a revolution, one revolution or multiple revolutions.

Hilliard's single revolution clutch has been the standard for excellence since 1936. This clutch typically provides five times the duty life of wrap-spring clutches for indexing, shearing, bending, fastening, loading or similar applications. Each clutch is designed for a service life of up to 40 million cycles.



- Positive engagement at any point of revolution without slip, lag or cumulative error
- Automatic disengagement at the same point of each operating cycle
- No deterioration in performance throughout service life
- Ruggedly built and field proven
- Controlled by a single trip lever which may be activated by a solenoid, an air cylinder or other mechanical devices

### SPECIFICATIONS/SIZE RANGE

	Size	Torque		Bore		O.D.		Length		Speed Range RPM
		Lb-Ft	Nm	in.	mm	in.	mm	in.	mm	
<b>Smallest</b>	O	2	2.7	1/4	(6.3)	1-1/4	(31.7)	1-13/32	(35.7)	20-850
<b>Largest</b>	D14	9,240	12,520	4-15/16	(125.4)	17-1/2	(444.5)	17-5/8	(448)	60-65



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IMC-SR  
 SBC 7/2017