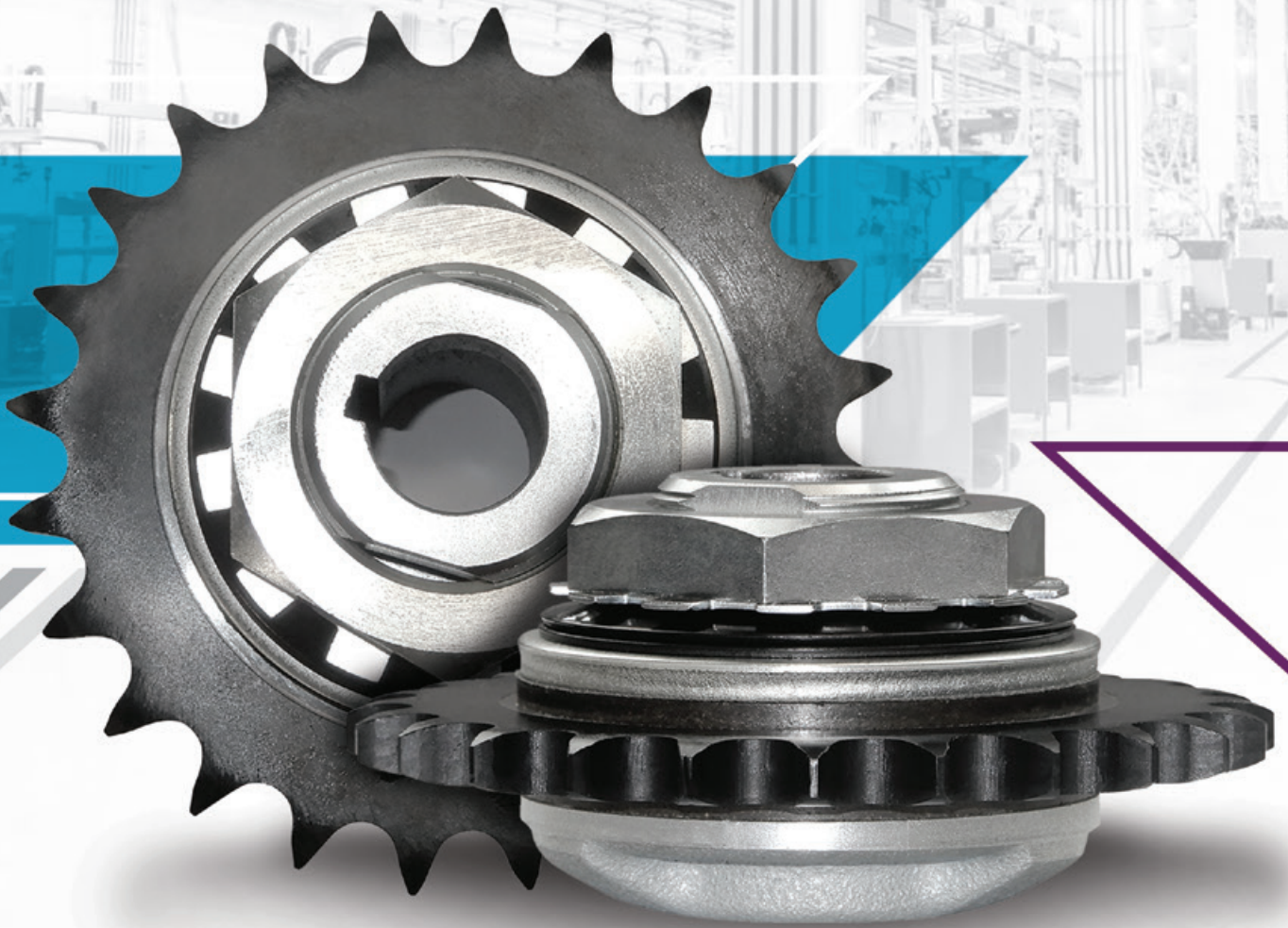


# **TORQUE LIMITER SPROCKETS**

*Maximum Protection  
From Torque Overload*





# PROVIDES VITAL MACHINERY WITH TOP-NOTCH SAFETY

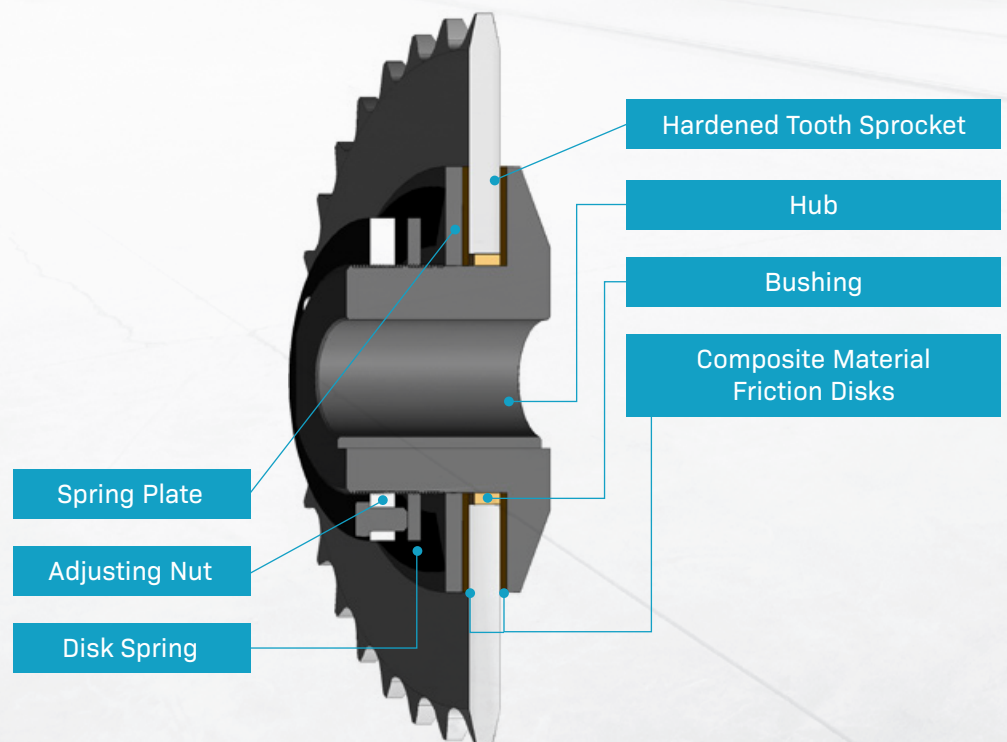
*Tsubaki's user-friendly, cost-effective Torque Limiter Sprockets come pre-assembled and provide maximum protection to critical equipment from torque overloading.*



- Uses two composite friction disks compressed by disk springs against the ground face of the hardened tooth sprocket.
- Functions as an automatic safety device to prevent overload, providing reliable operations and adjustable functions.
- Automatically resetting.
- Torque setting easily set by tightening the adjusting nut.
- Available in various sizes and tooth counts.

## AUTOMATIC RESET

*When overload is removed, the unit will automatically reset.*



# PART-NUMBERING **60** **TTA** **30** - **50** - **2**



Size	Sprocket Pitch	Min Tooth Count	Max Tooth Count
25	40	20	32
	50	17	28
35	40	26	45
	50	21	36
	60	18	30
	80	15	21
50	50	29	50
	60	25	40
	80	19	30
70	60	33	54
	80	26	42
	100	21	35

Size	Spring Count		
	Spring Count	Min Torque Setting (lbs-ft)	Max Torque Setting (lbs-ft)
25	1	5	20
	2	10	40
35	1	15	55
	2	25	110
50	1	35	155
	2	65	310
70	1	86	420
	2	164	797

## ADDITIONAL OPTIONS

**PATENTED SMART TOOTH® WEAR INDICATOR SPROCKETS**

**TORQUE LIMITER COUPLINGS**

**HIGH TORQUE SETTING TORQUE LIMITERS**

**BALL DETENT STYLE SHOCK GUARDS**

## EXAMPLES OF COMMON PART NUMBERS

TTA 25	TTA 35	TTA 50	TTA 70
35TTA25-25-1	35TTA35-35-1	40TTA35-50-1	60TTA36-70-1
35TTA25-25-2	35TTA35-35-2	40TTA35-50-2	60TTA36-70-2
35TTA26-25-1	35TTA40-35-1	50TTA30-50-1	80TTA26-70-1
35TTA26-25-2	35TTA40-35-2	50TTA30-50-2	80TTA26-70-2
40TTA20-25-1	40TTA28-35-1	50TTA32-50-1	80TTA28-70-1
40TTA20-25-2	40TTA28-35-2	50TTA32-50-2	80TTA28-70-2
40TTA22-25-1	40TTA30-35-1	60TTA25-50-1	80TTA30-70-1
40TTA22-25-2	40TTA30-35-2	60TTA25-50-2	80TTA30-70-2
40TTA24-25-1	40TTA32-35-1	60TTA26-50-1	80TTA36-70-1
40TTA24-25-2	40TTA32-35-2	60TTA26-50-2	80TTA36-70-2
40TTA28-25-1	50TTA22-35-1	60TTA28-50-1	100TTA22-70-1
40TTA28-25-2	50TTA22-35-2	60TTA28-50-2	100TTA22-70-2
40TTA30-25-1	50TTA24-35-1	60TTA30-50-1	100TTA24-70-1
40TTA30-25-2	50TTA24-35-2	60TTA30-50-2	100TTA24-70-2
50TTA17-25-1	50TTA25-35-1	80TTA20-50-1	
50TTA17-25-2	50TTA25-35-2	80TTA20-50-2	
50TTA21-25-1	50TTA26-35-1	80TTA22-50-1	
50TTA21-25-2	50TTA26-35-2	80TTA22-50-2	
50TTA22-25-1	60TTA18-35-1	80TTA24-50-1	
50TTA22-25-2	60TTA18-35-2	80TTA24-50-2	
	60TTA20-35-1		
	60TTA20-35-2		



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