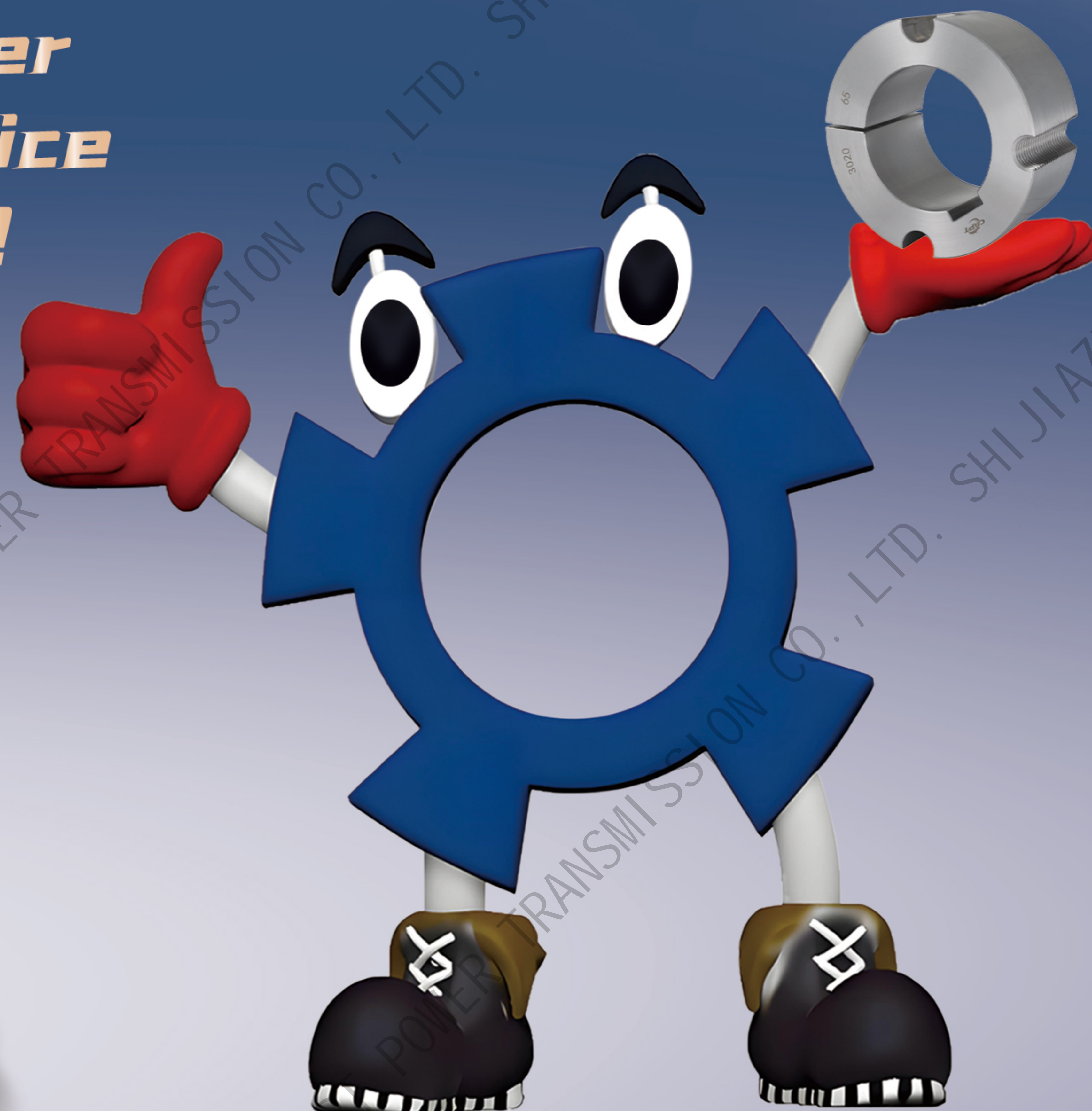




*Shijiazhuang CAPT Full Standard
Range of Steel TB Taper
Bushings – A **New** Choice
for Industrial Safety!*



SHIJIAZHUANG CAPT POWER TRANSMISSION CO., LTD.



Cost-Effectiveness

High Strength

Safety and Reliability

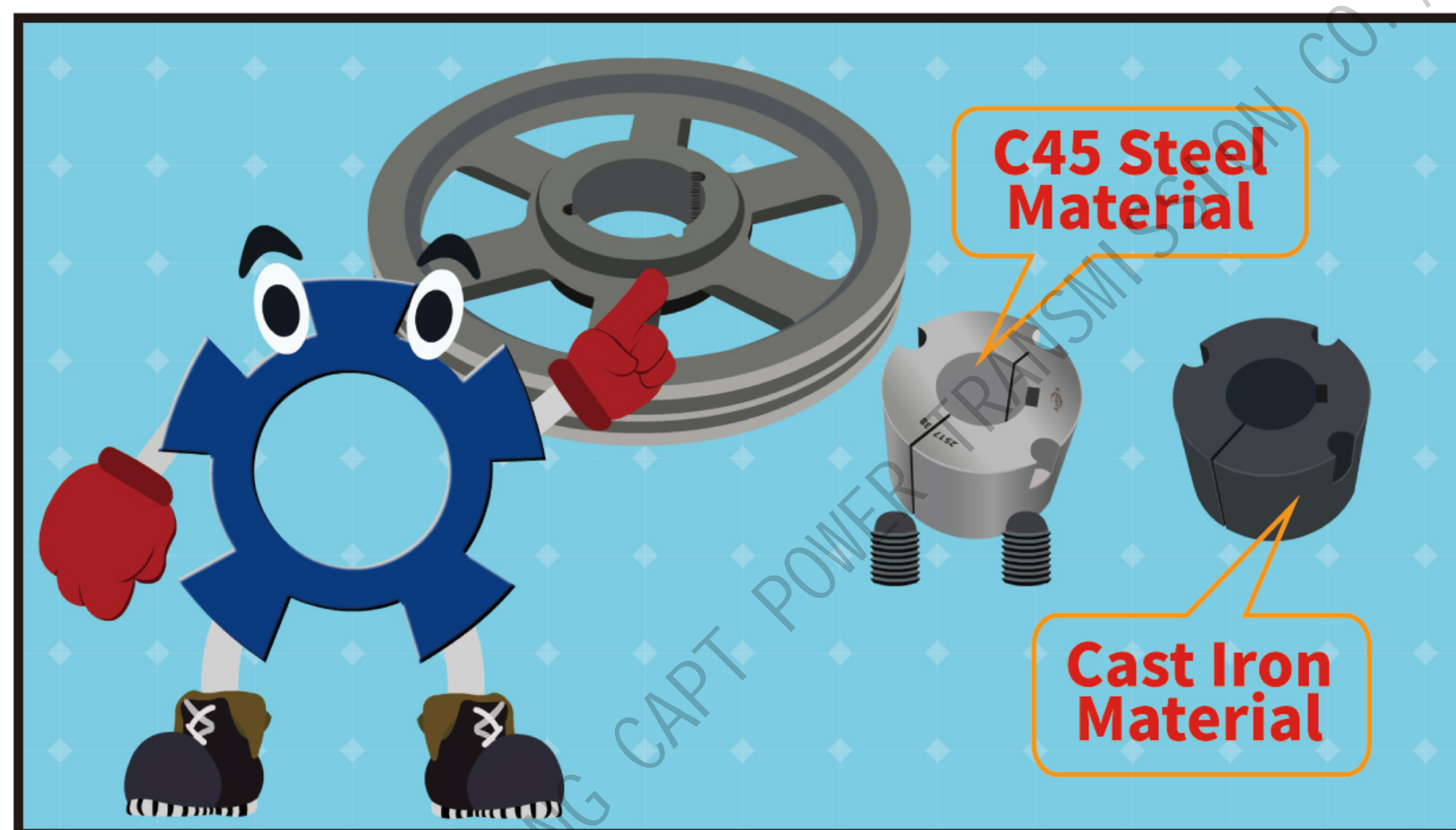
High Precision

Environmentally Friendly



Full series C45 steel A1008-A120100

C45 Steel High-Strength TB Taper Bushings – Your Safe Choice!



①TB taper bushings come in two types: high-strength and low-strength materials.



Classification	Tensile Strength	Strength Coefficient	Application Recommendation
C45	$\geq 600\text{Mpa}$	2.5	***
QT450	$\geq 450\text{Mpa}$	1.8	**
HT250	$\geq 250\text{Mpa}$	1.0	*
HT200	$\geq 200\text{Mpa}$	0.8	Reliability Issues

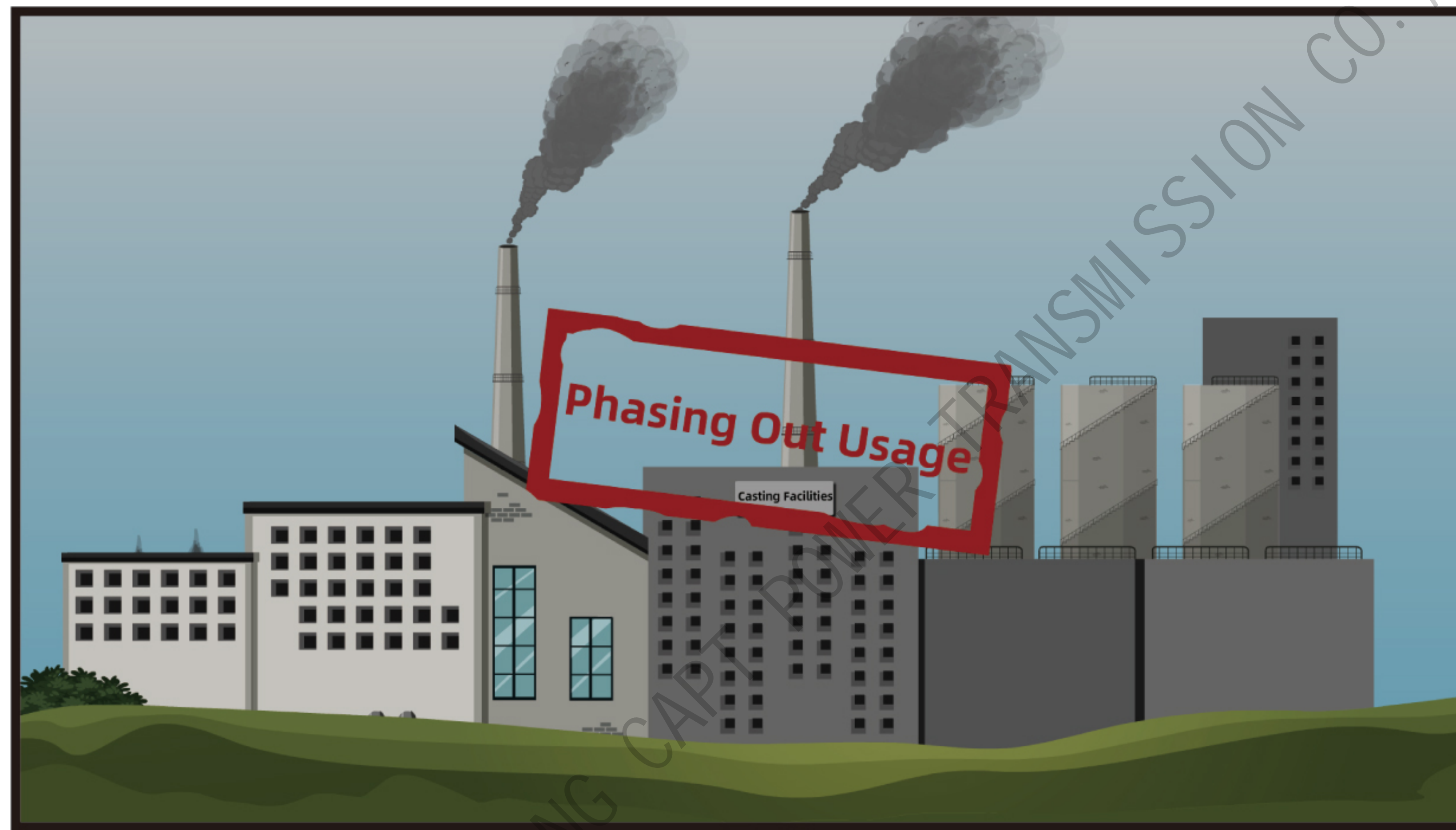
②Comparison of tensile strength between different bushing materials.



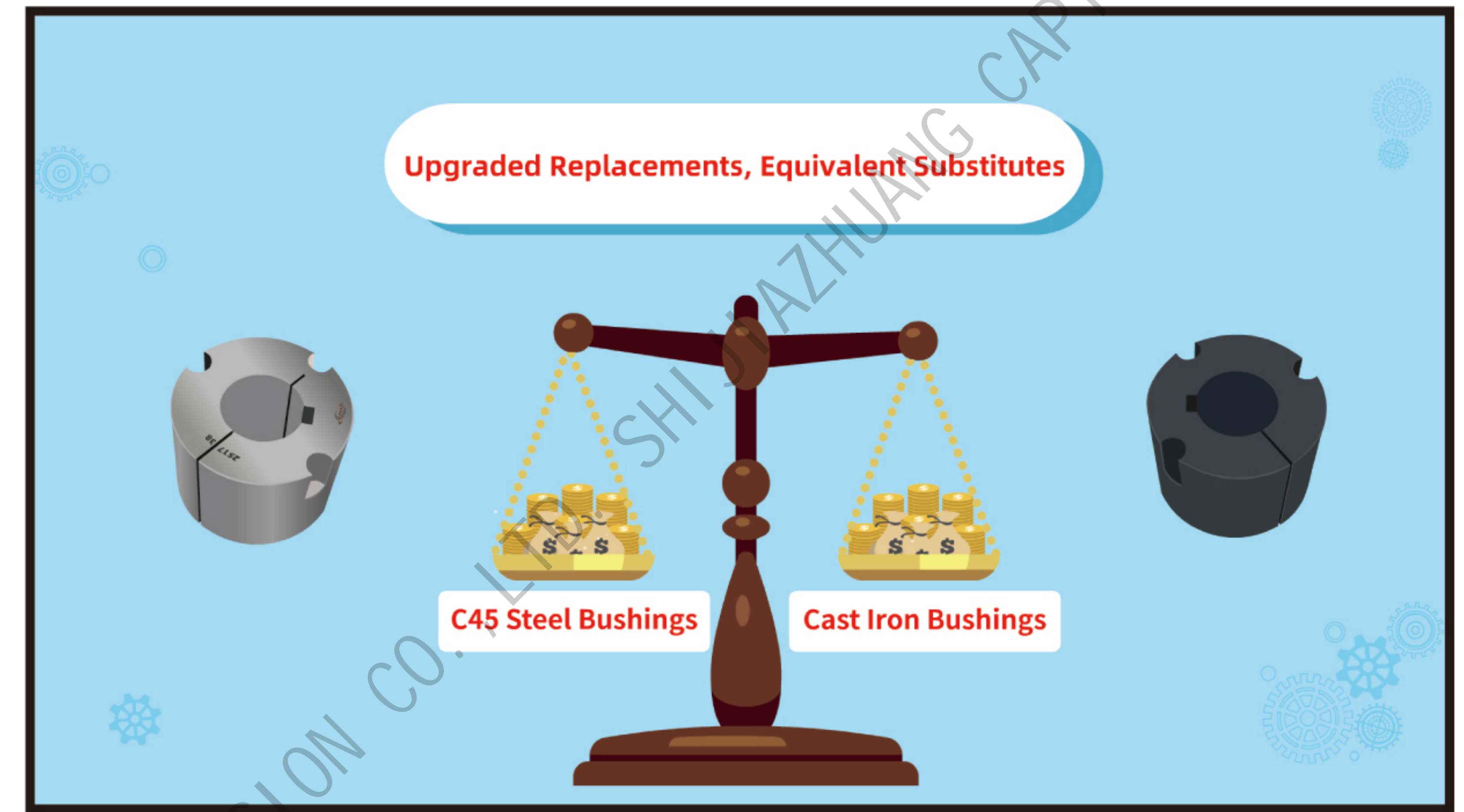
③Choosing steel taper bushings can prevent fastening failure.



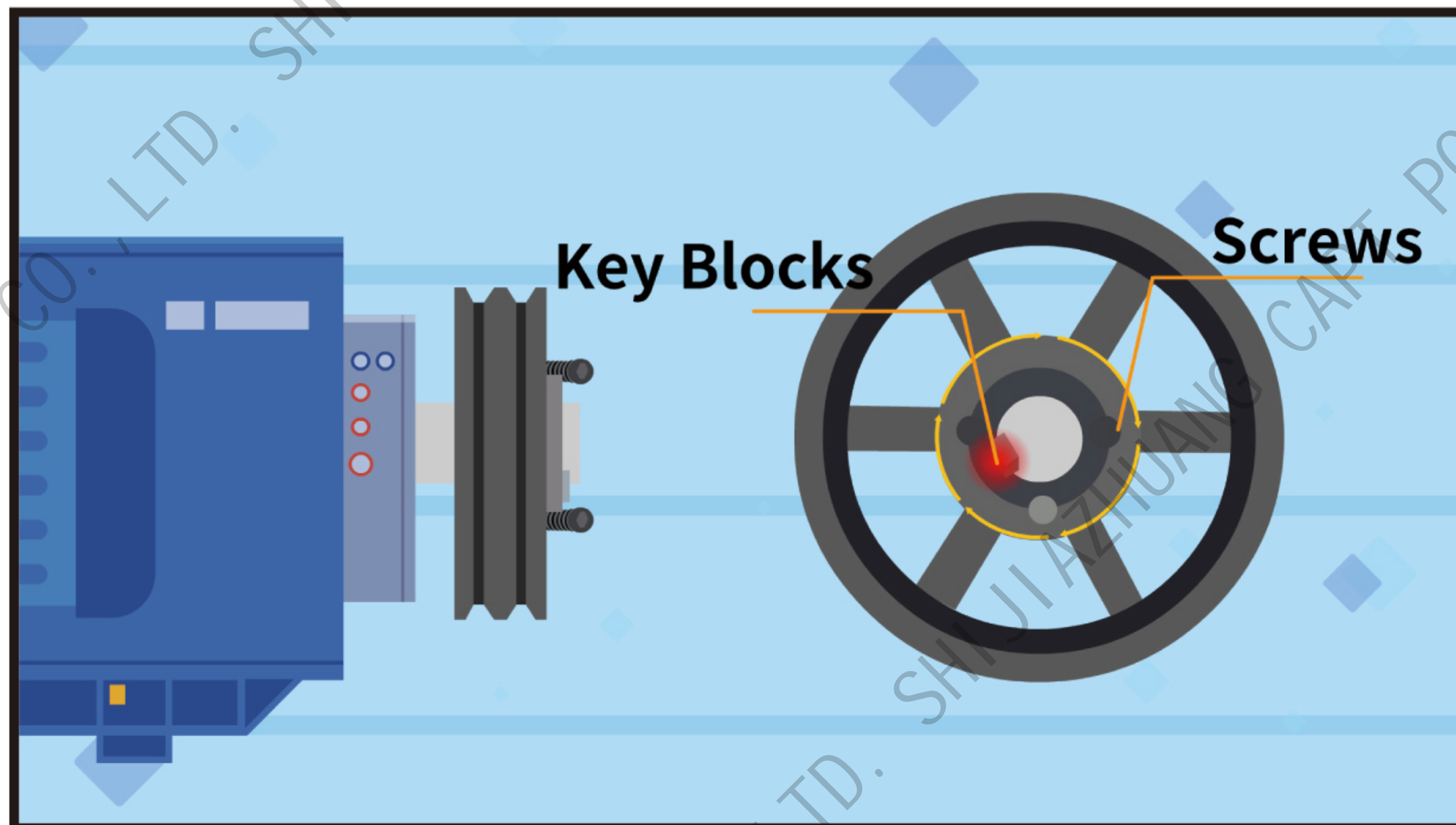
④Digitalization, automation, and intelligence ensure high precision.



⑤ Eliminating cast molding improves safety, saves energy, and is environmentally friendly.



⑥ Optimized processes offer high efficiency and low cost, demonstrating high cost-effectiveness.



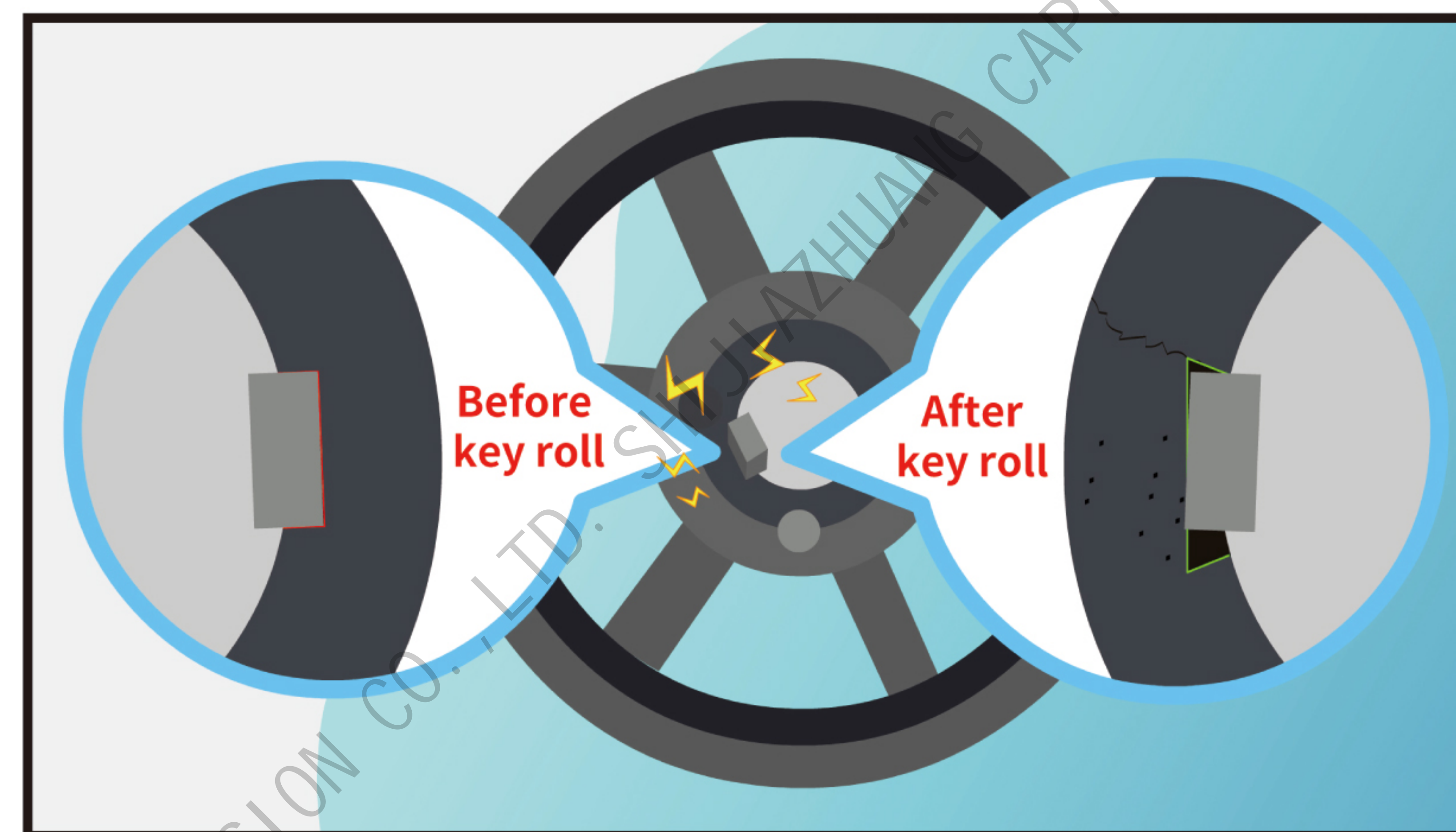
⑦ Installation and fastening are achieved through screws and key blocks.



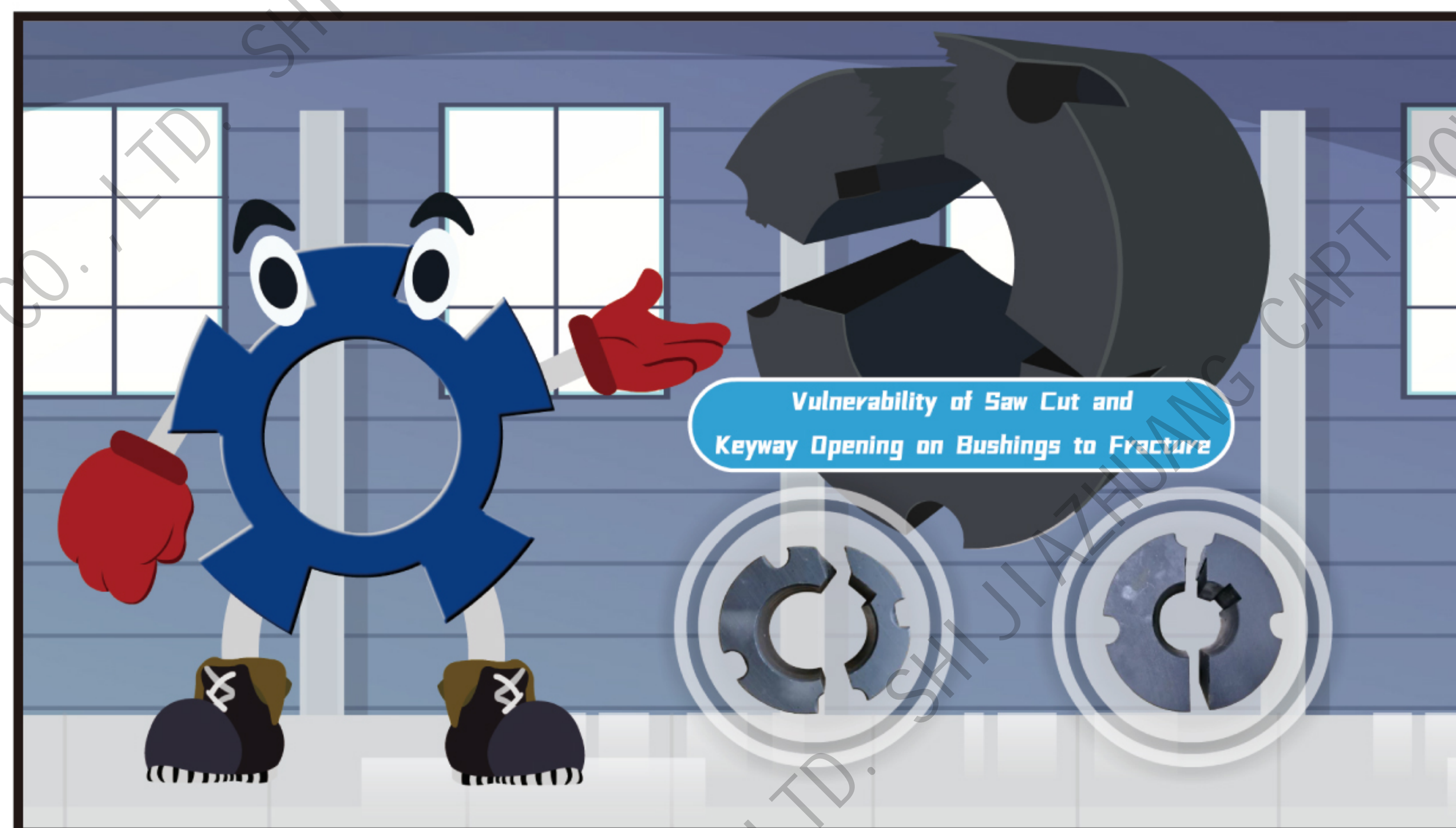
⑧ The tensile strength of C45 steel shaft keys is higher than that of cast iron bushings.



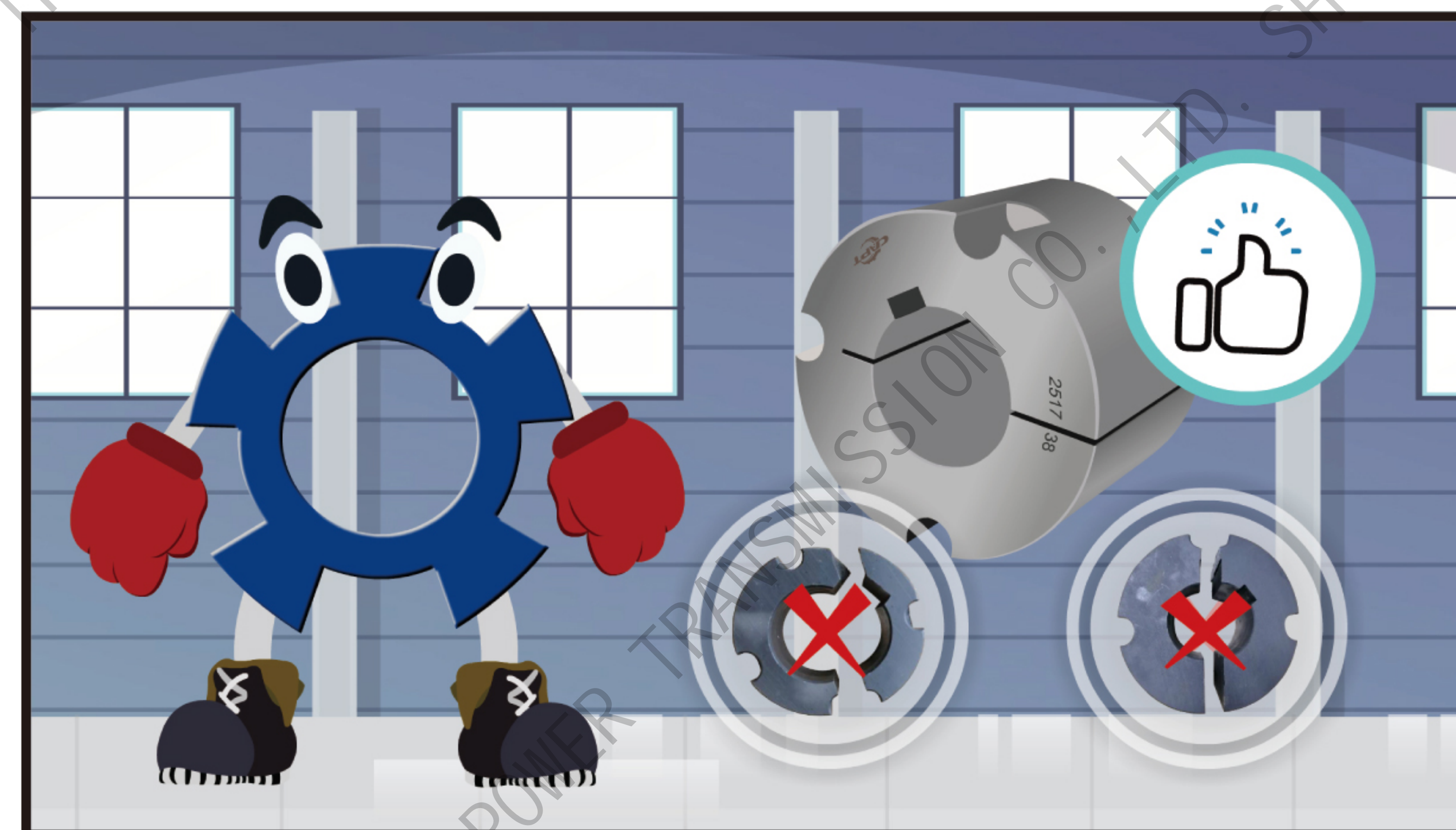
⑨During operation, strong torque impacts the weak keyway positions.



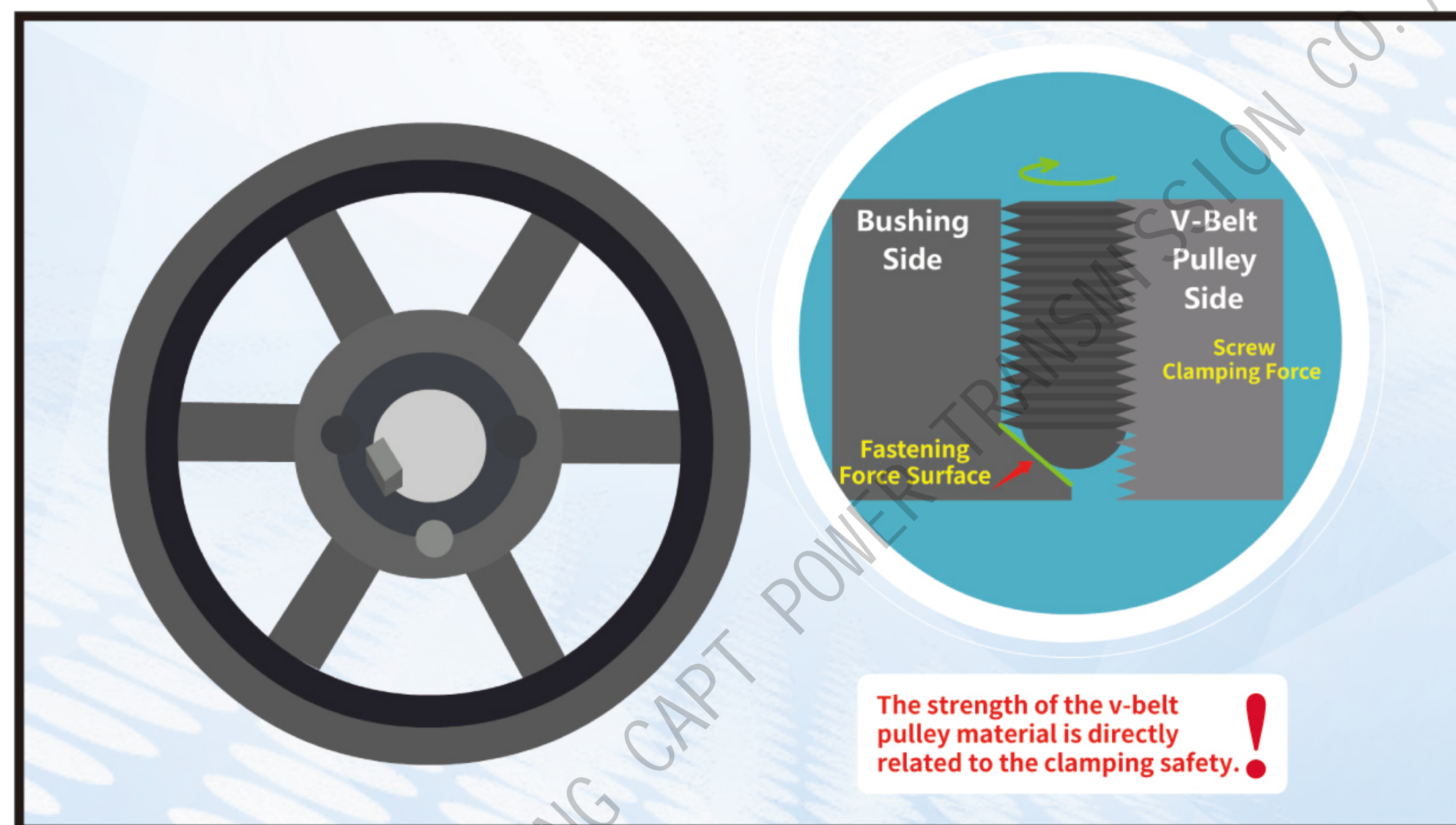
⑩Cast iron material keyways are prone to "rolling key" issues.



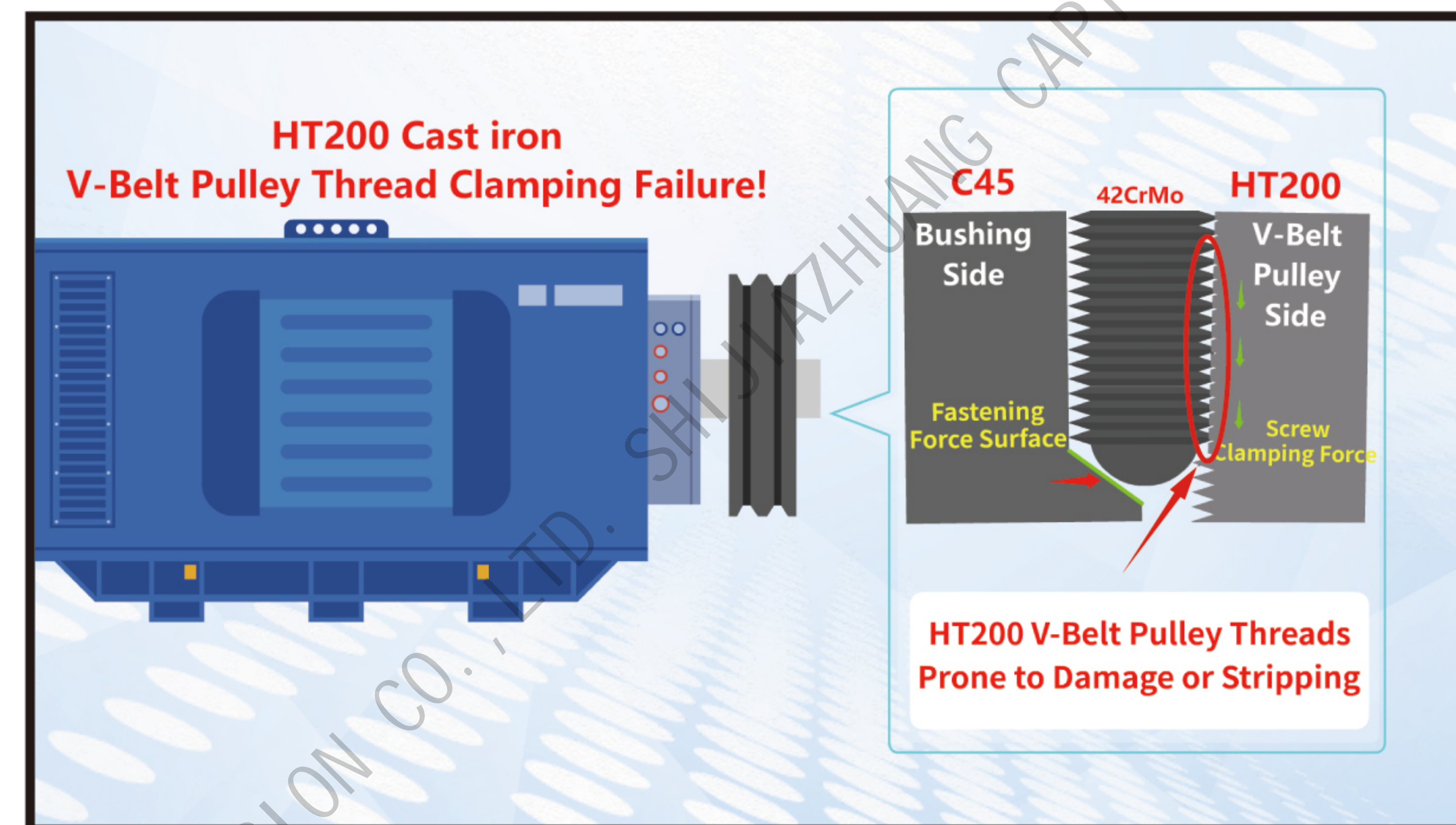
⑪Cast iron taper bushing elastic saw cuts and key slots are susceptible to fractures.



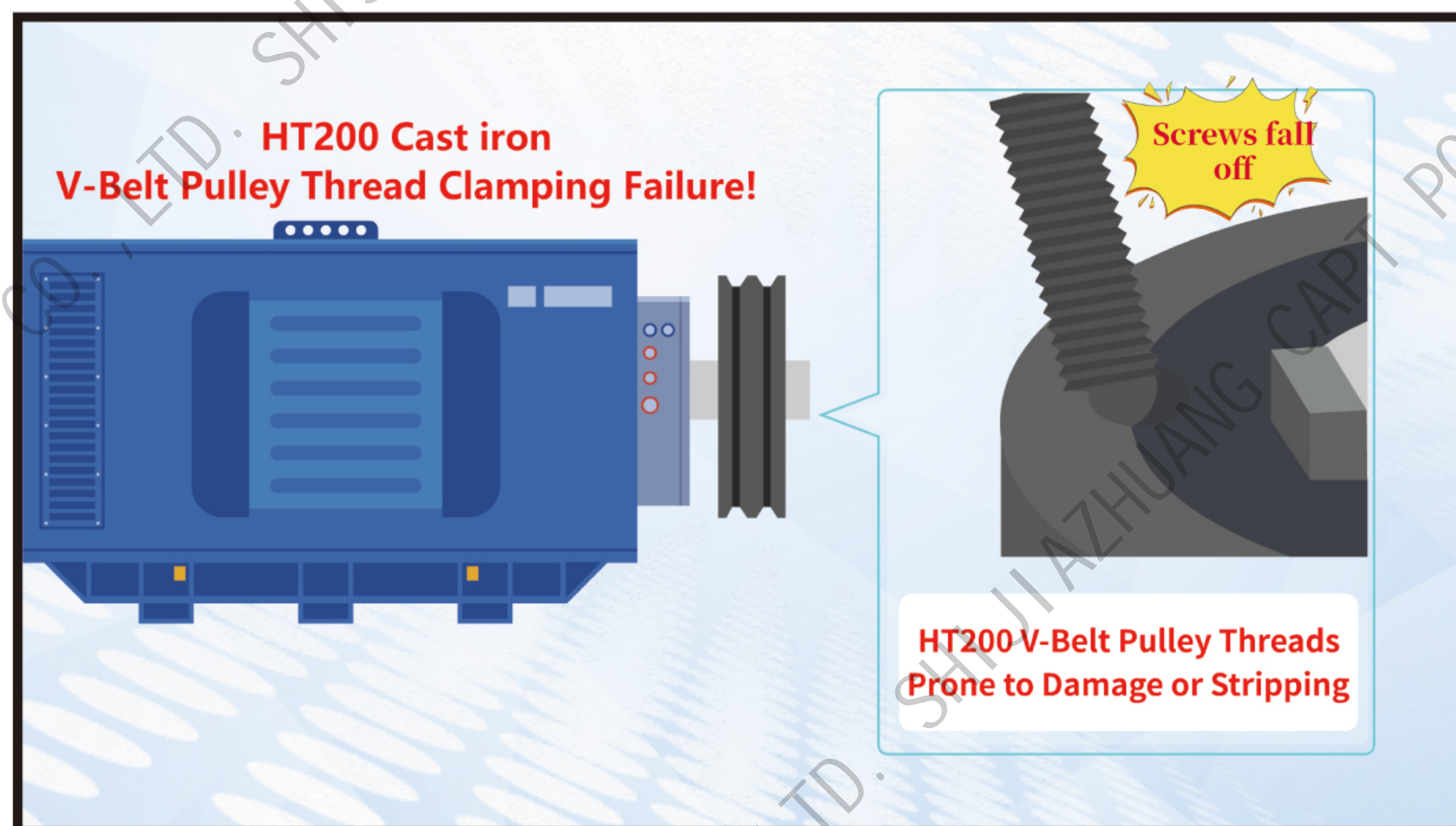
⑫High-strength C45 steel TB taper bushings can prevent breakage and damage.



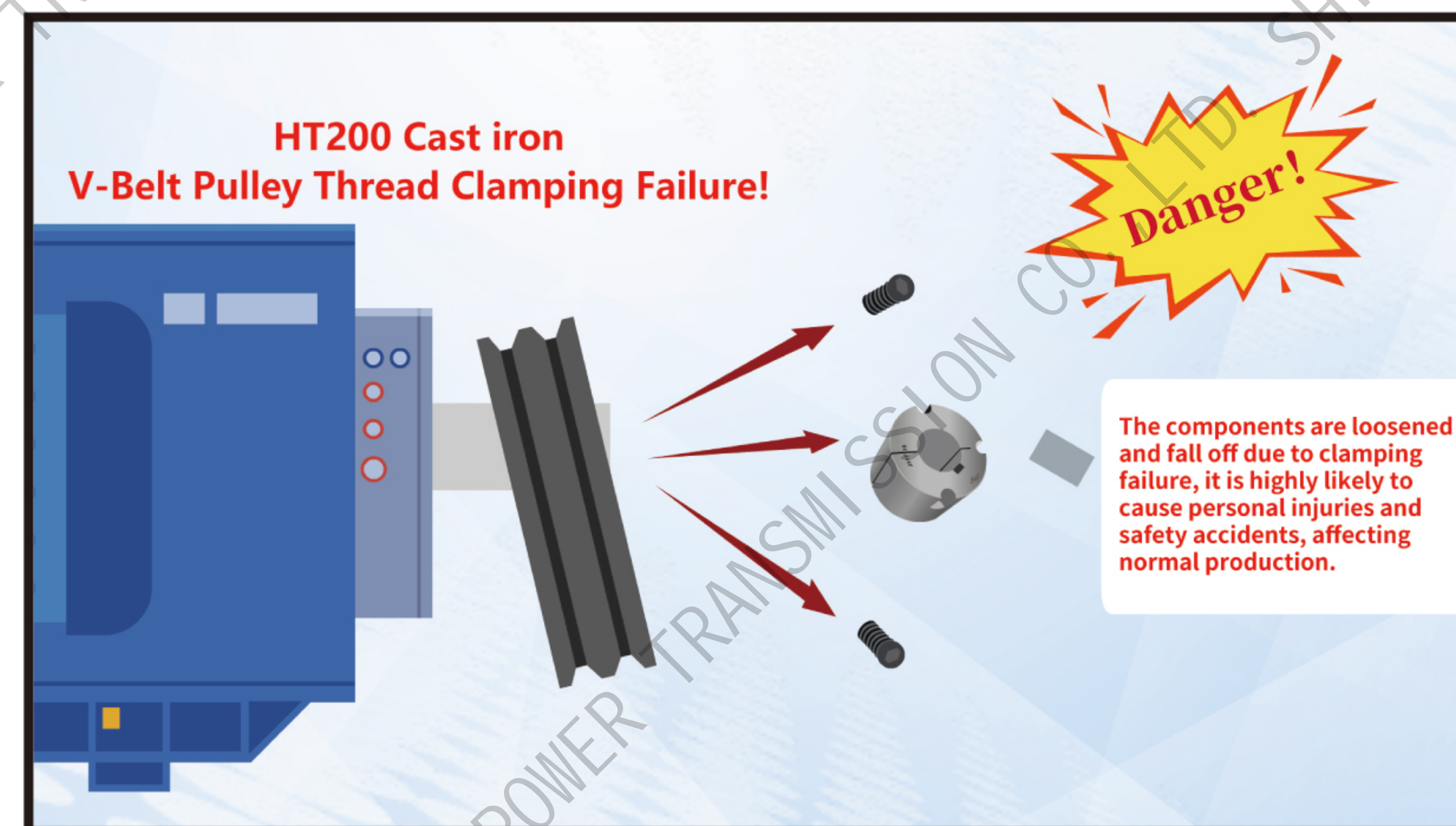
⑬The taper bushing and pulley are secured by compressing only one side of the threaded hole.



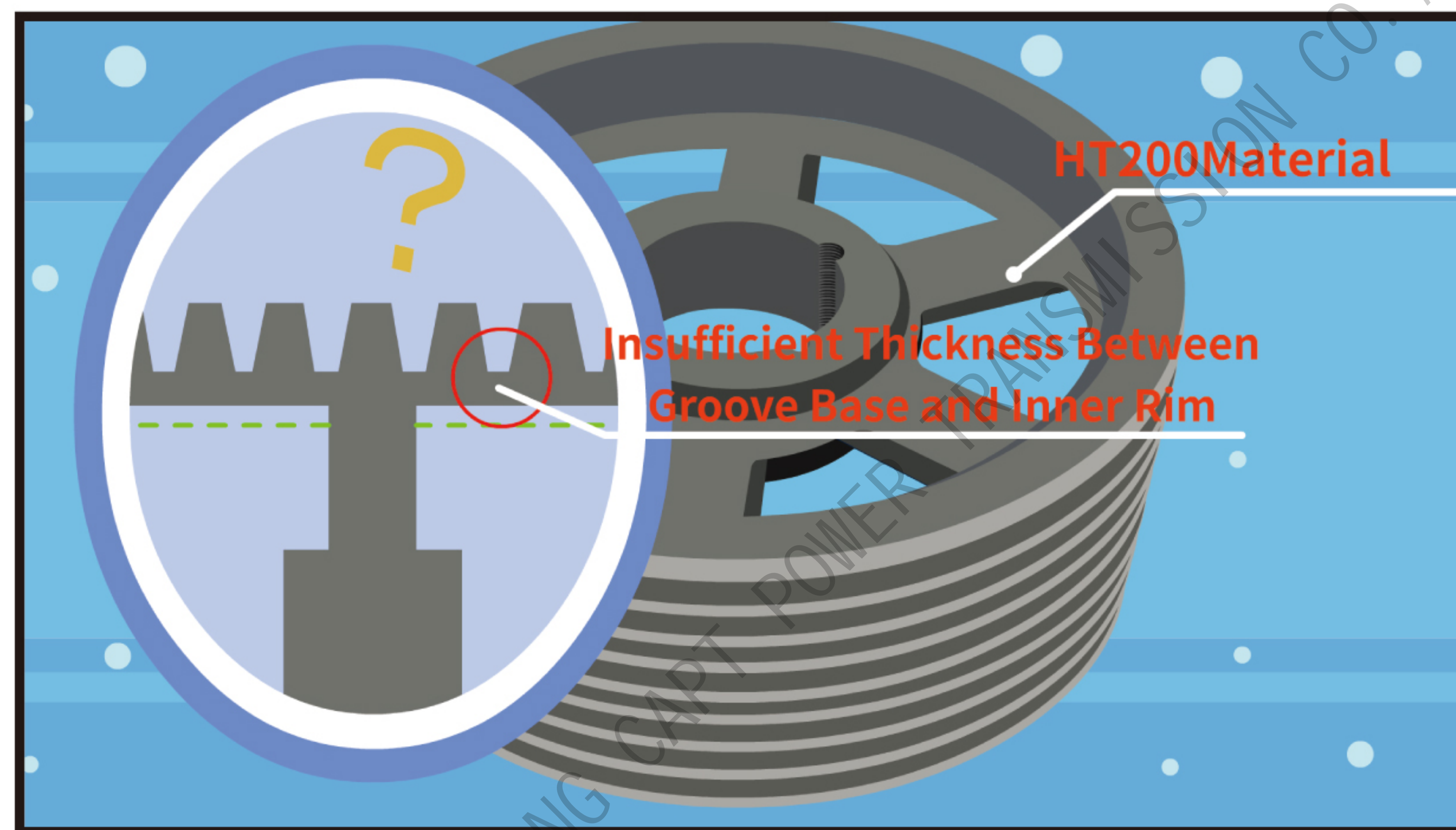
⑭The threads in HT200 cast iron pulleys are easily stripped and damaged.



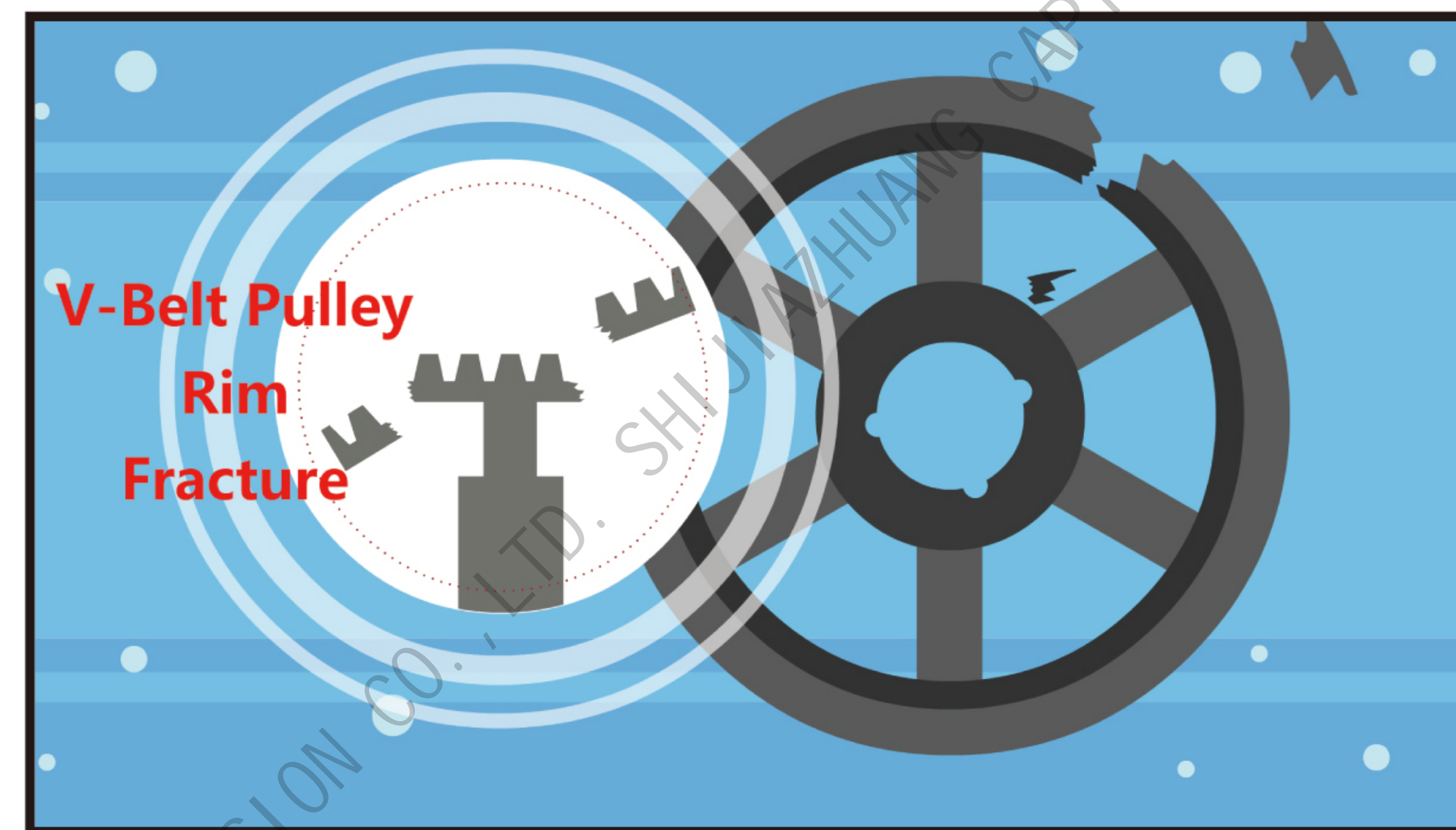
⑮Thread hole “slippage” can cause fastening failure, leading to parts flying off.



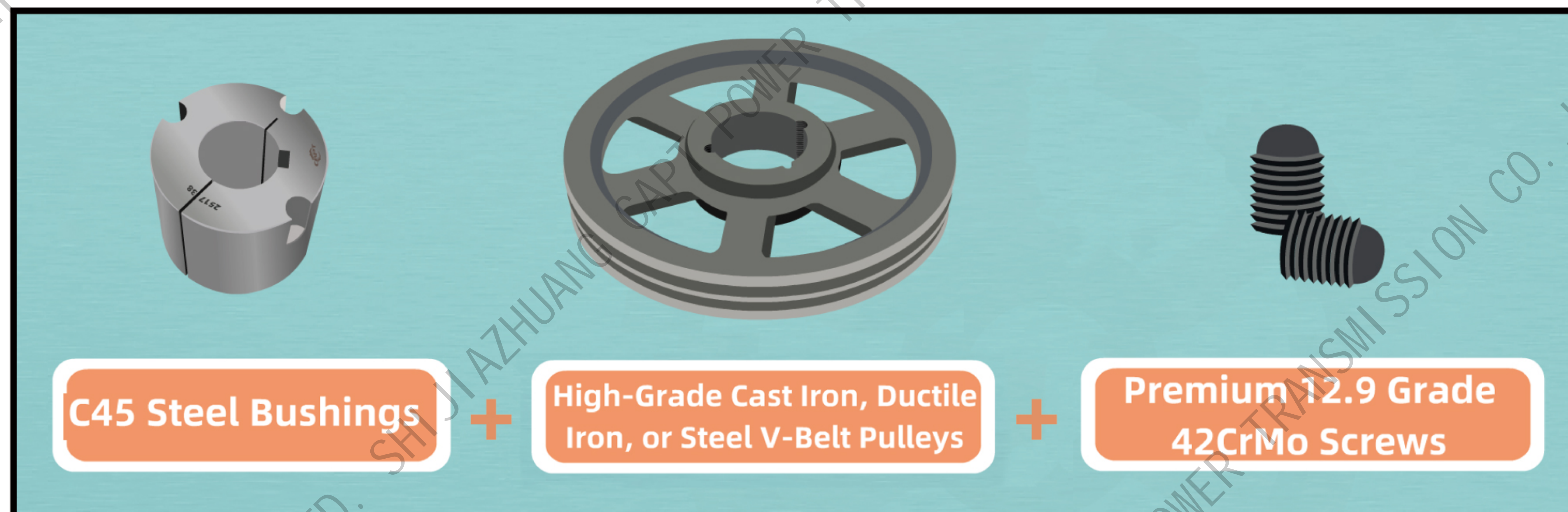
⑯At high speeds, components may scatter in all directions.



⑰ Over-reduction of rim thickness in multi-groove HT200 cast iron pulleys weakens structural integrity.



⑱ The HT200 cast iron pulley rim may break during operation.



High-strength components used together ensure durability and enhanced safety!

We sincerely invite you to join us and enjoy **MORE** discounts!



Bush No.	USD-FOB-TIANJIN	Material	Bush No.	USD-FOB-TIANJIN	Material
A1008	\$0.88	C45	A3020	\$5.33	C45
A1108	\$0.93	C45	A3030	\$7.70	C45
A1210	\$1.16	C45	A3525	\$9.50	C45
A1215	\$1.40	C45	A3535	\$11.50	C45
A1310	\$1.35	C45	A4030	\$14.85	C45
A1610	\$1.40	C45	A4040	\$17.16	C45
A1615	\$1.67	C45	A4535	\$21.35	C45
A2012	\$1.96	C45	A4545	\$25.00	C45
A2017	\$2.28	C45	A5040	\$27.88	C45
A2517	\$3.06	C45	A5050	\$31.88	C45
A2525	\$4.13	C45			

Standard Product Delivery Condition: Natural Color With Anti-Rust packaging, including 12.9 grade screws, in a standard packaging carton.

Taper bushes with black oxide or phosphating treatment can be provided on request.



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