



CAPT-BTL®

*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



series C45 steel A1008-A120100

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



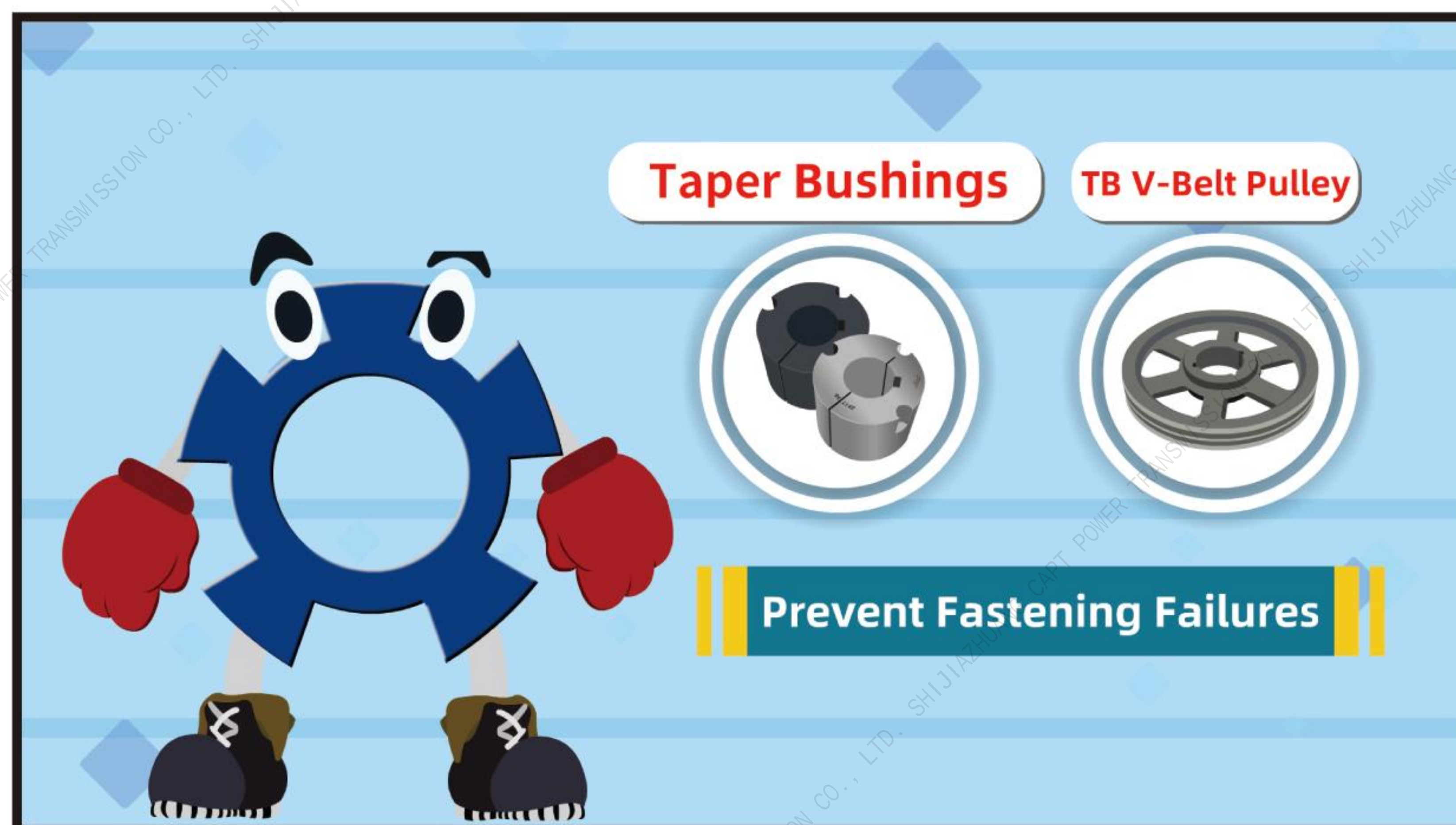
①TB taper bushings come in two types: high-strength and low-strength materials.

C45 Steel Material

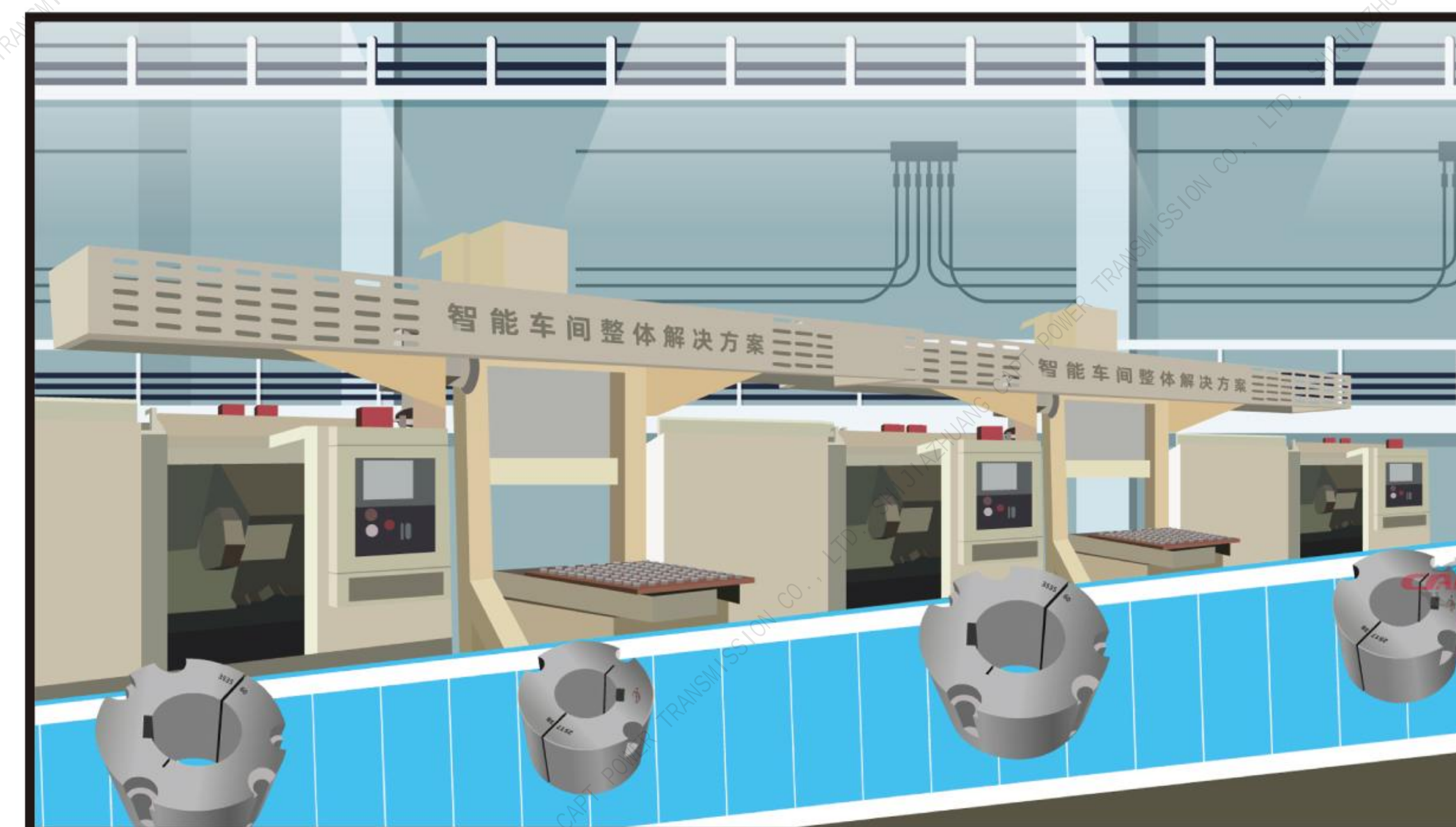
HT200 Material

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.



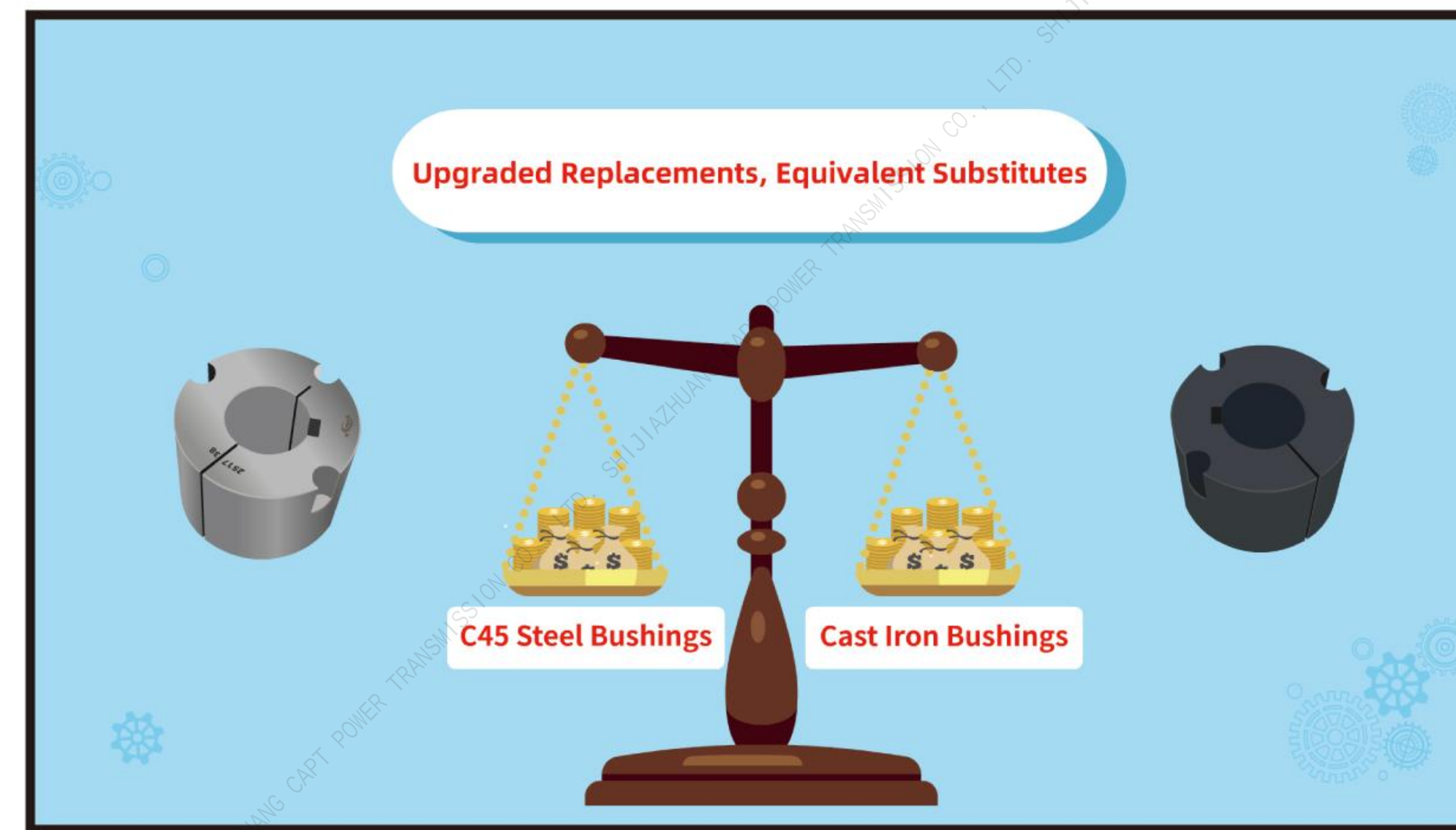
③Choosing steel taper bushings can prevent fastening failure.



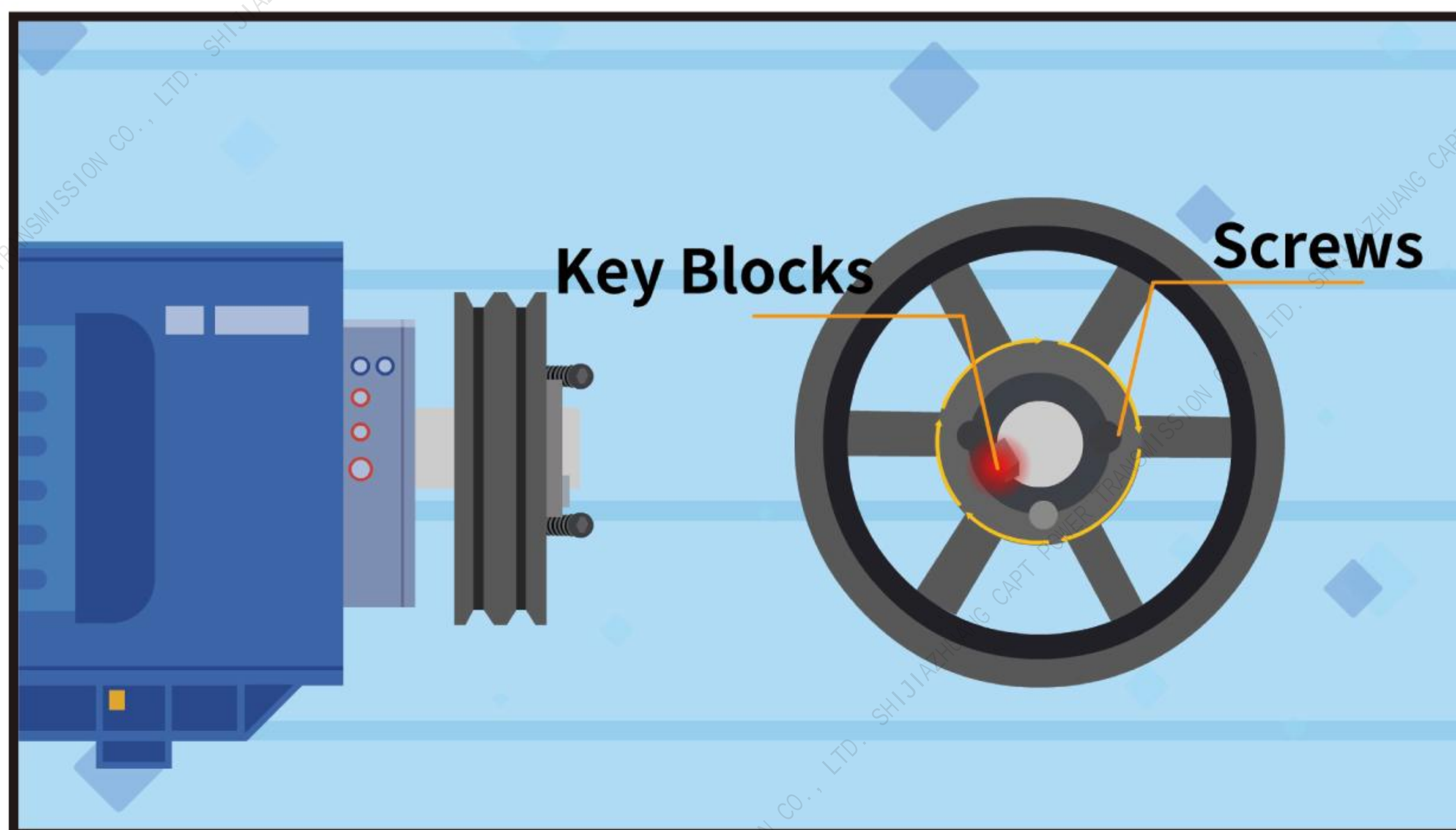
④Digitalization, automation, and intelligence ensure high precision.



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.



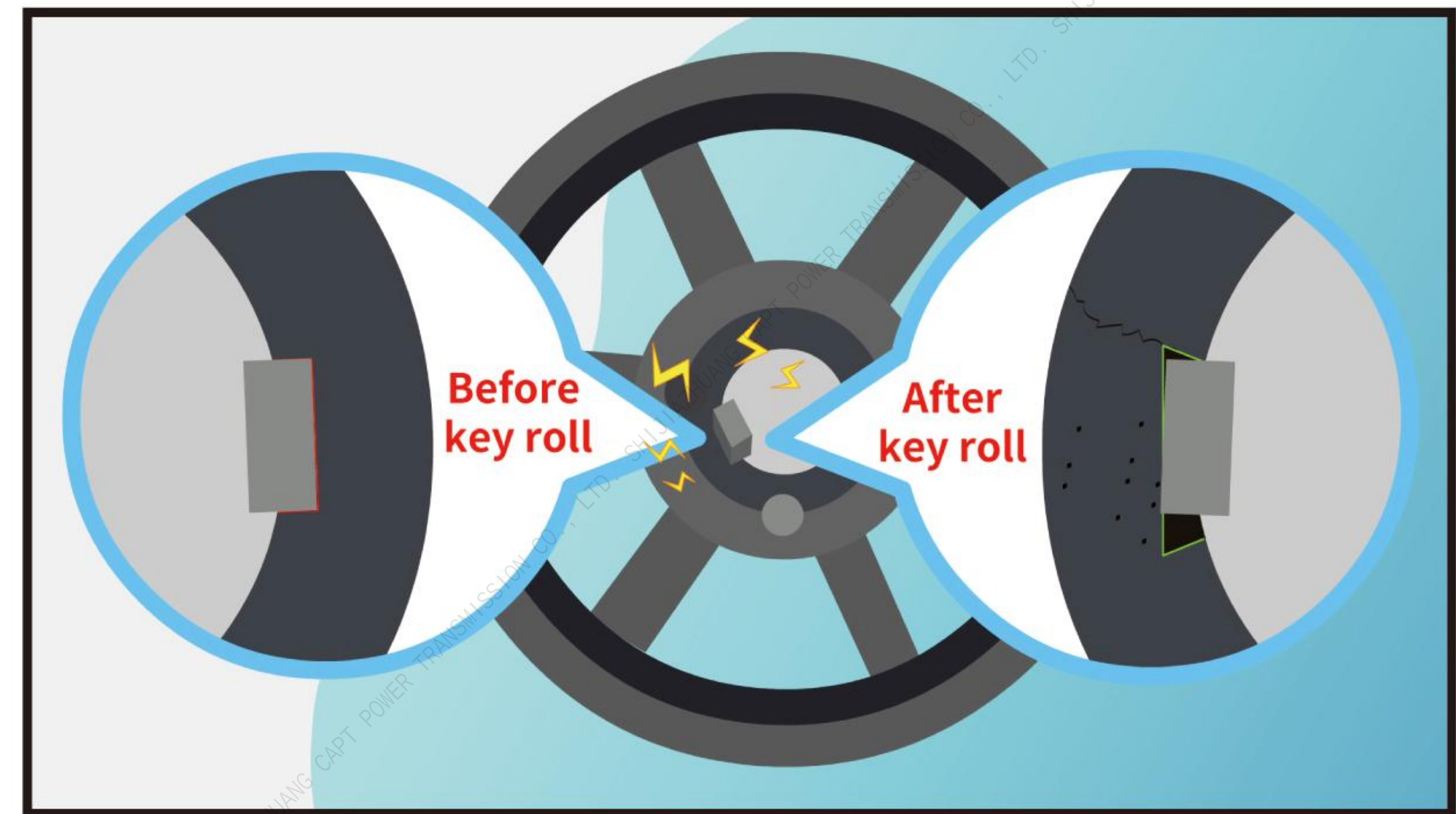
⑦ Installation and fastening are achieved through screws and key blocks.



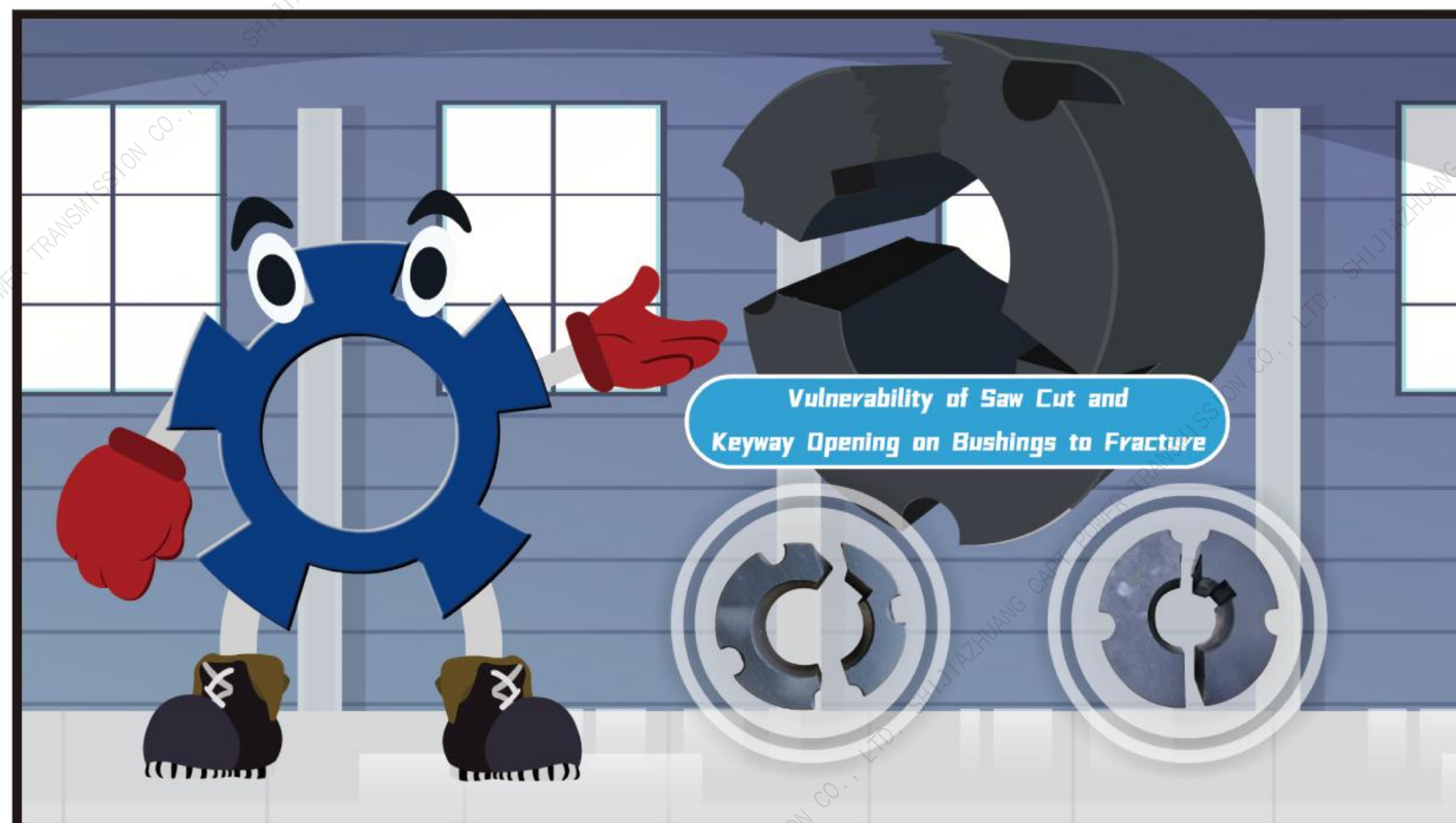
⑧ The tensile strength of C45 steel shaft keys is higher than that of cast iron bushings.



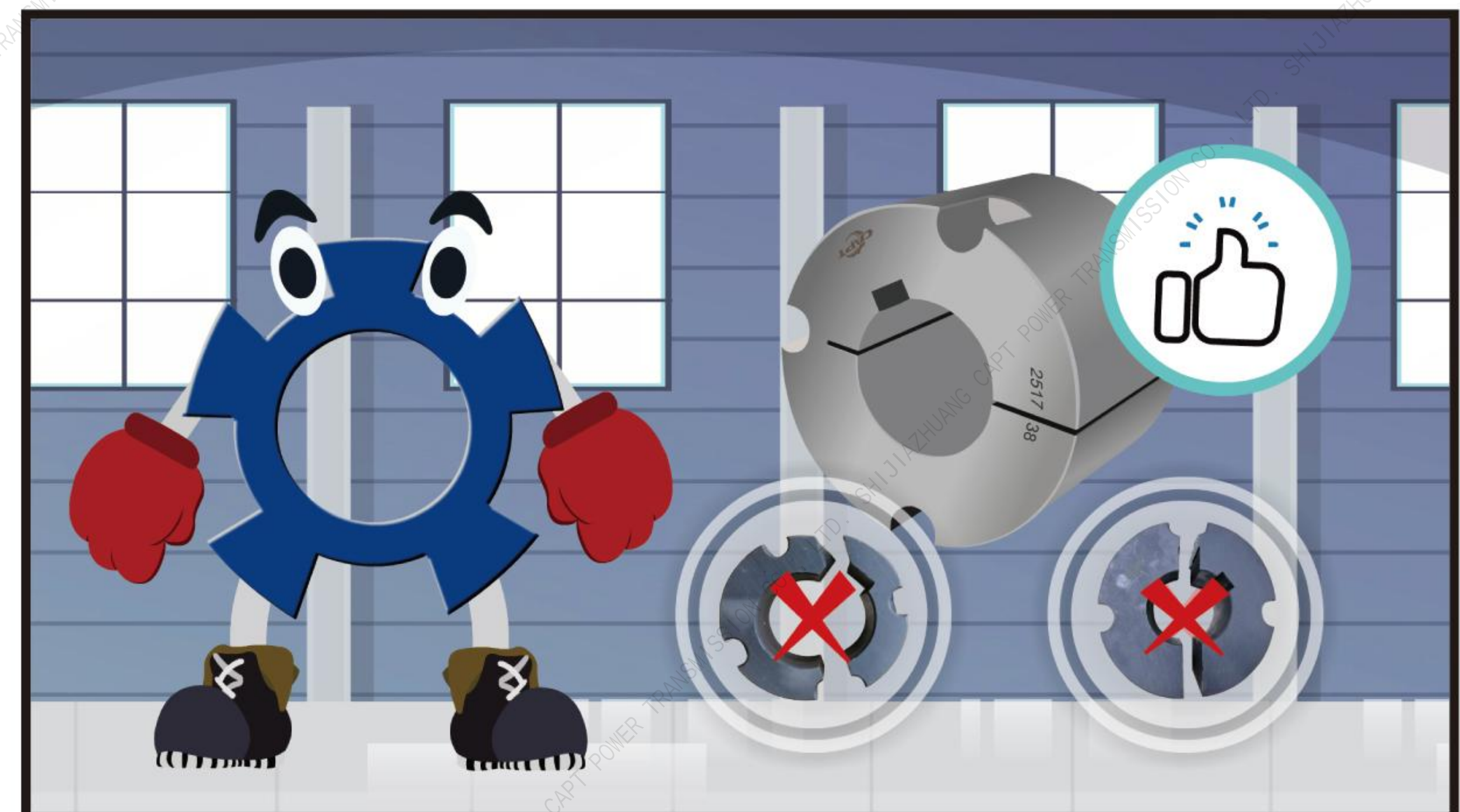
⑨During operation, strong torque impacts the weak keyway positions.



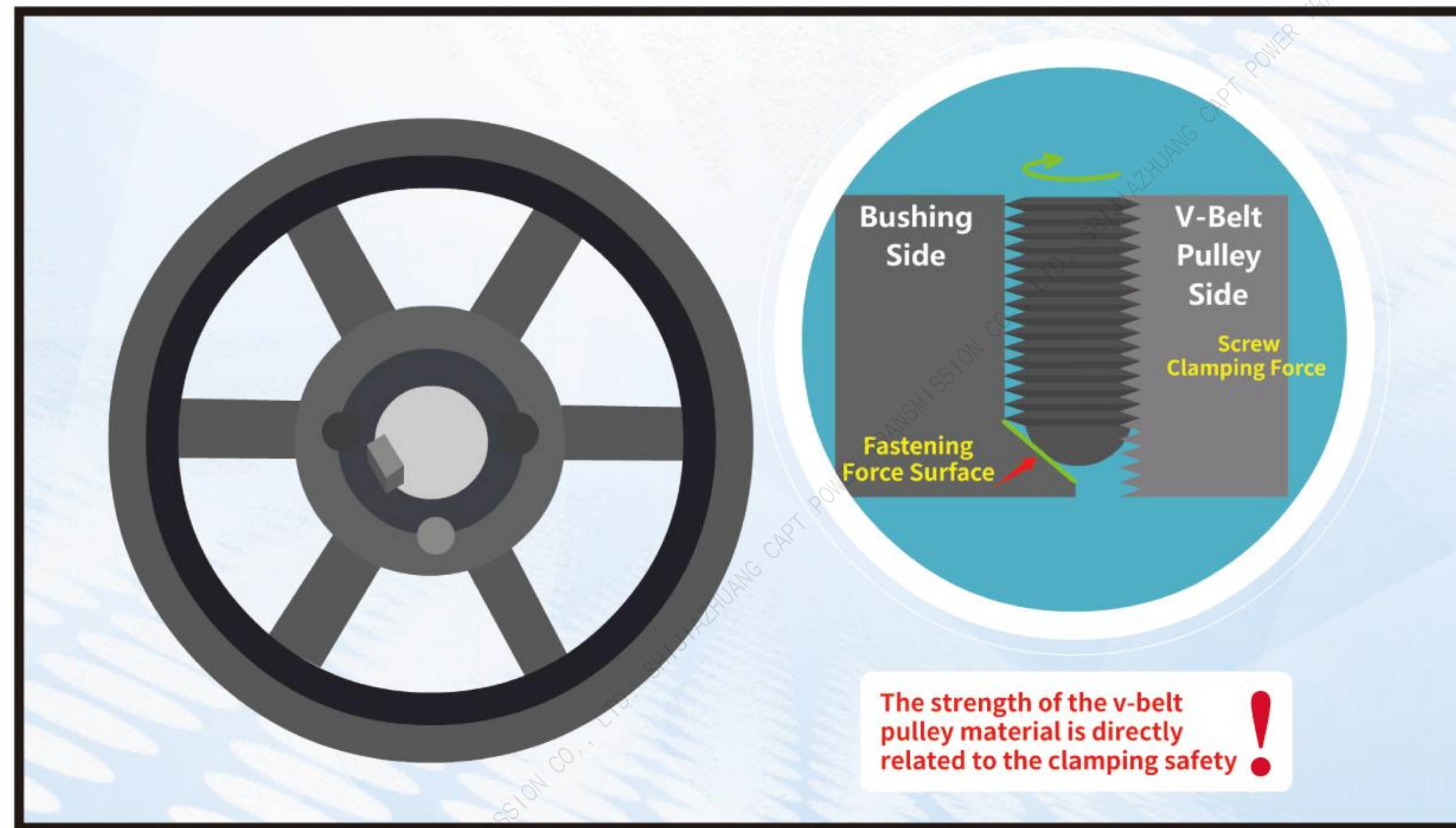
⑩Cast iron material keyways are prone to "rolling key" issues.



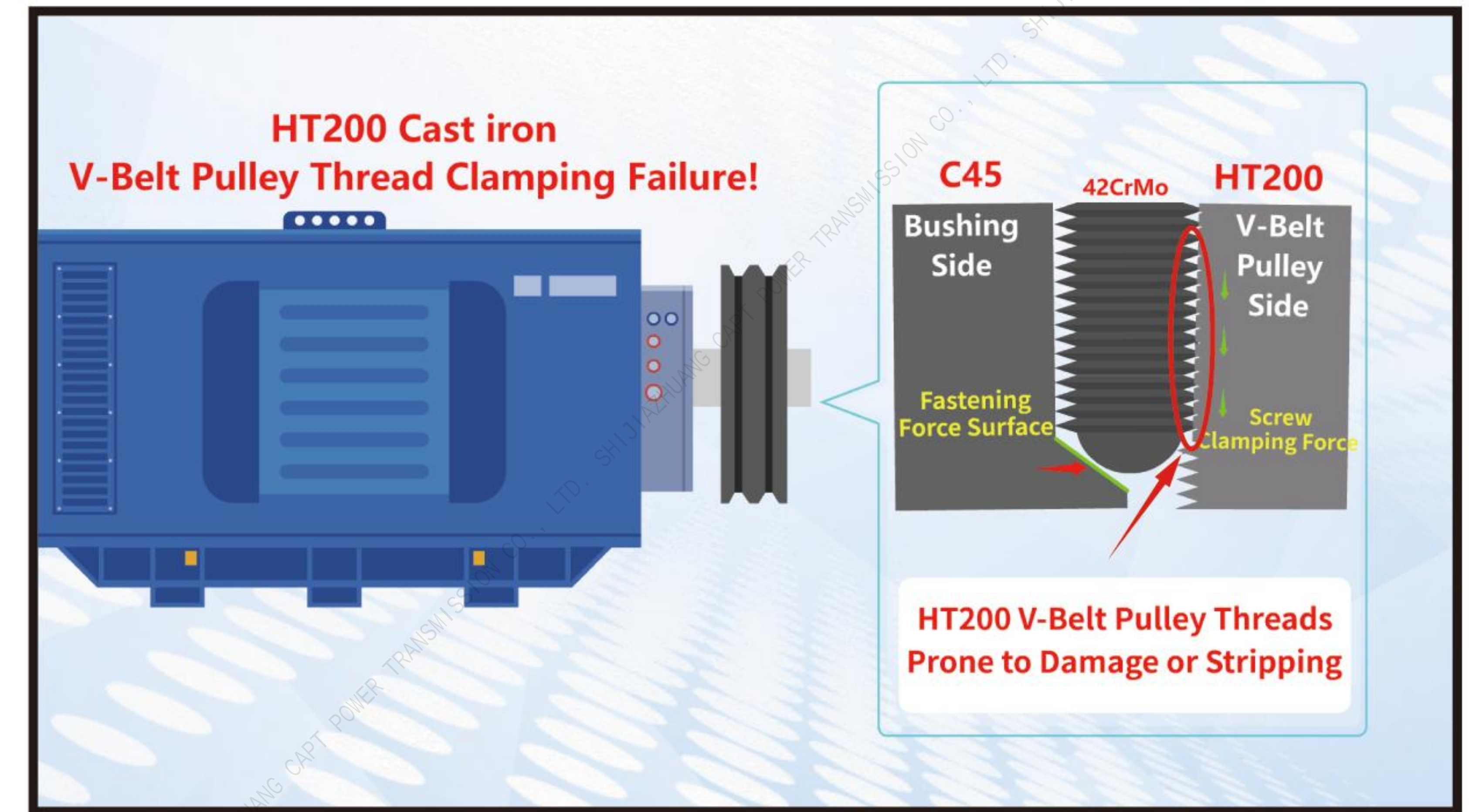
⑪Cast iron taper bushing elastic saw cuts and key slots are susceptible to fractures.



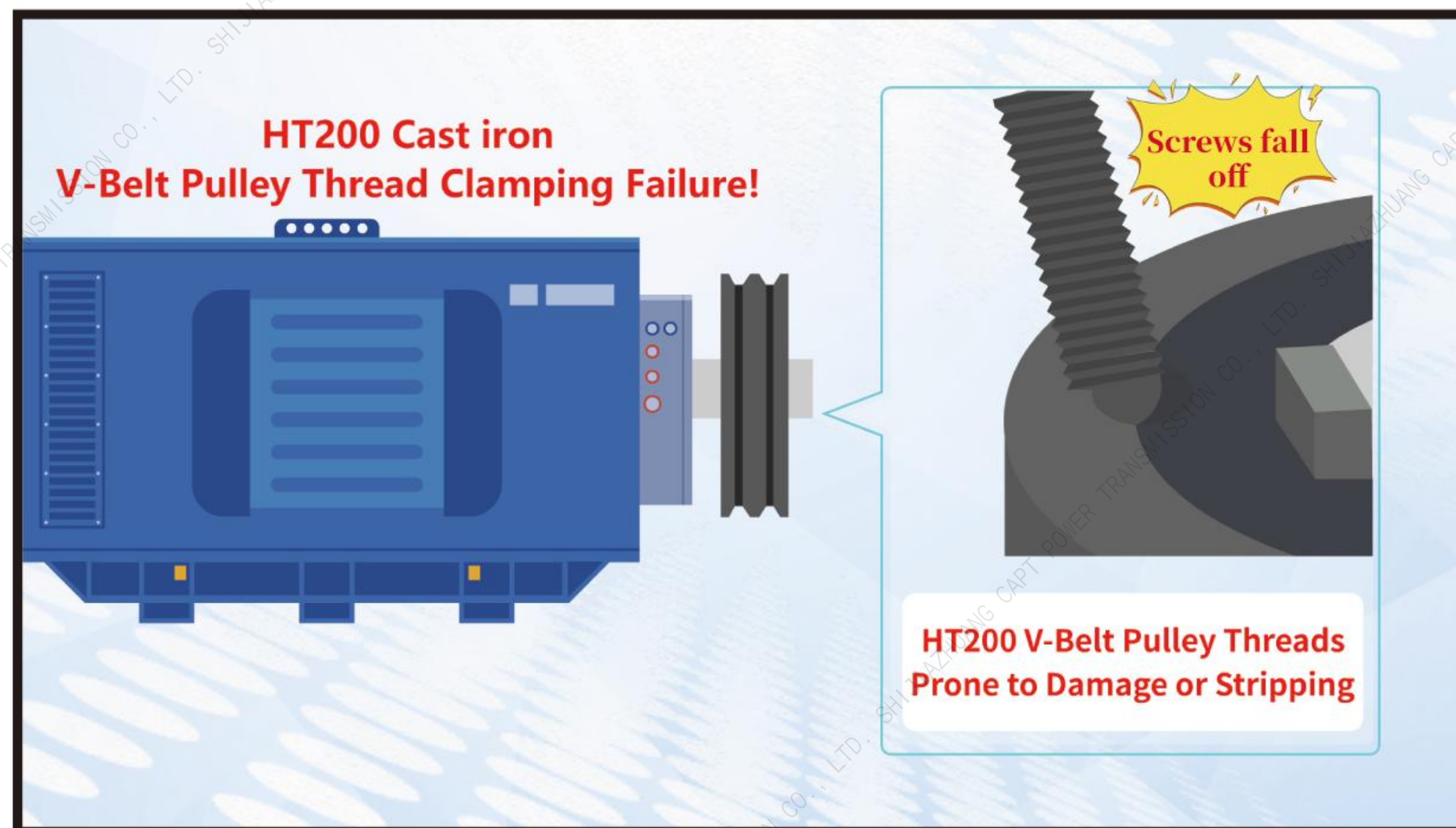
⑫High-strength C45 steel TB taper bushings can prevent breakage and damage.



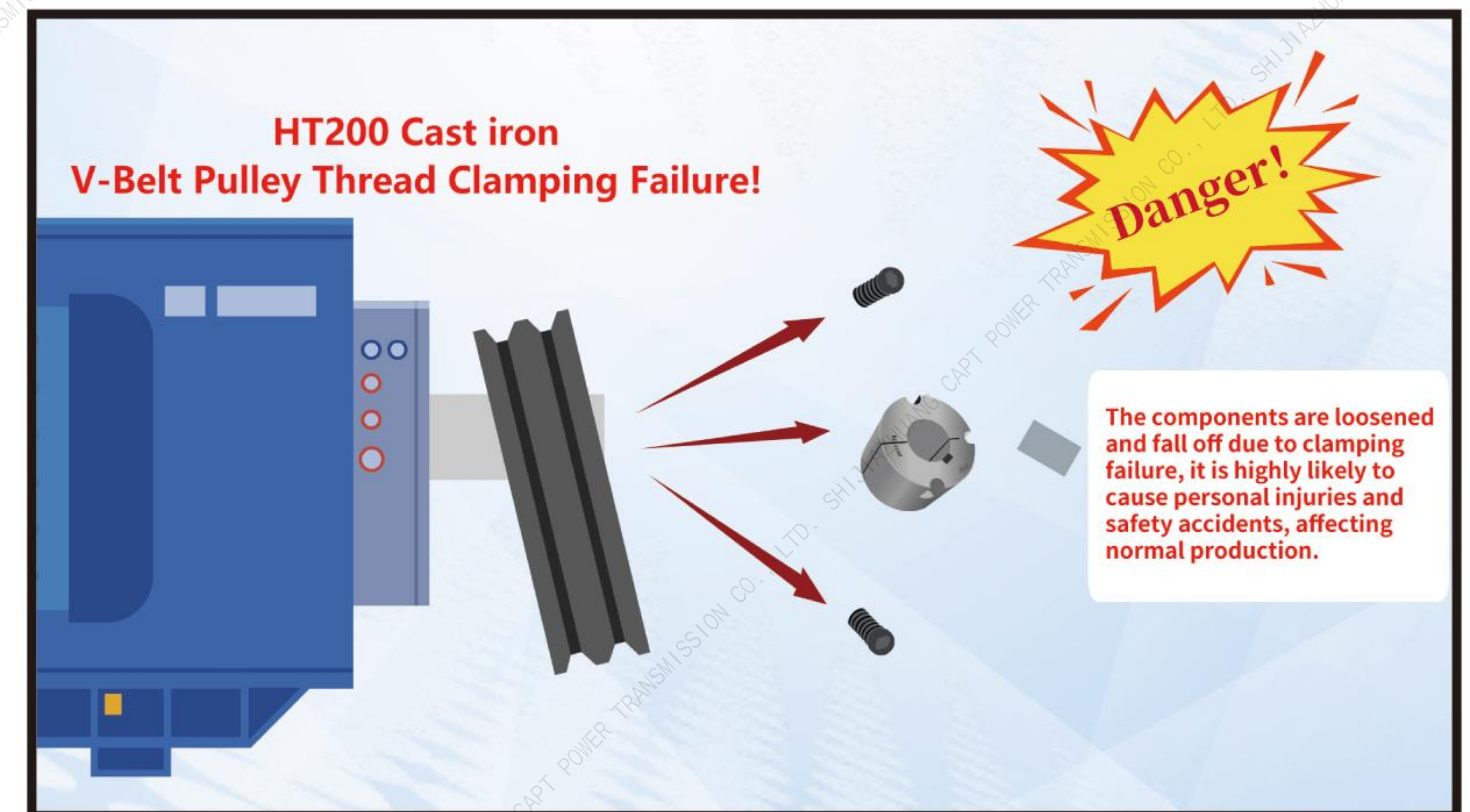
⑬The taper bushing and pulley are secured by compressing only one side of the threaded hole.



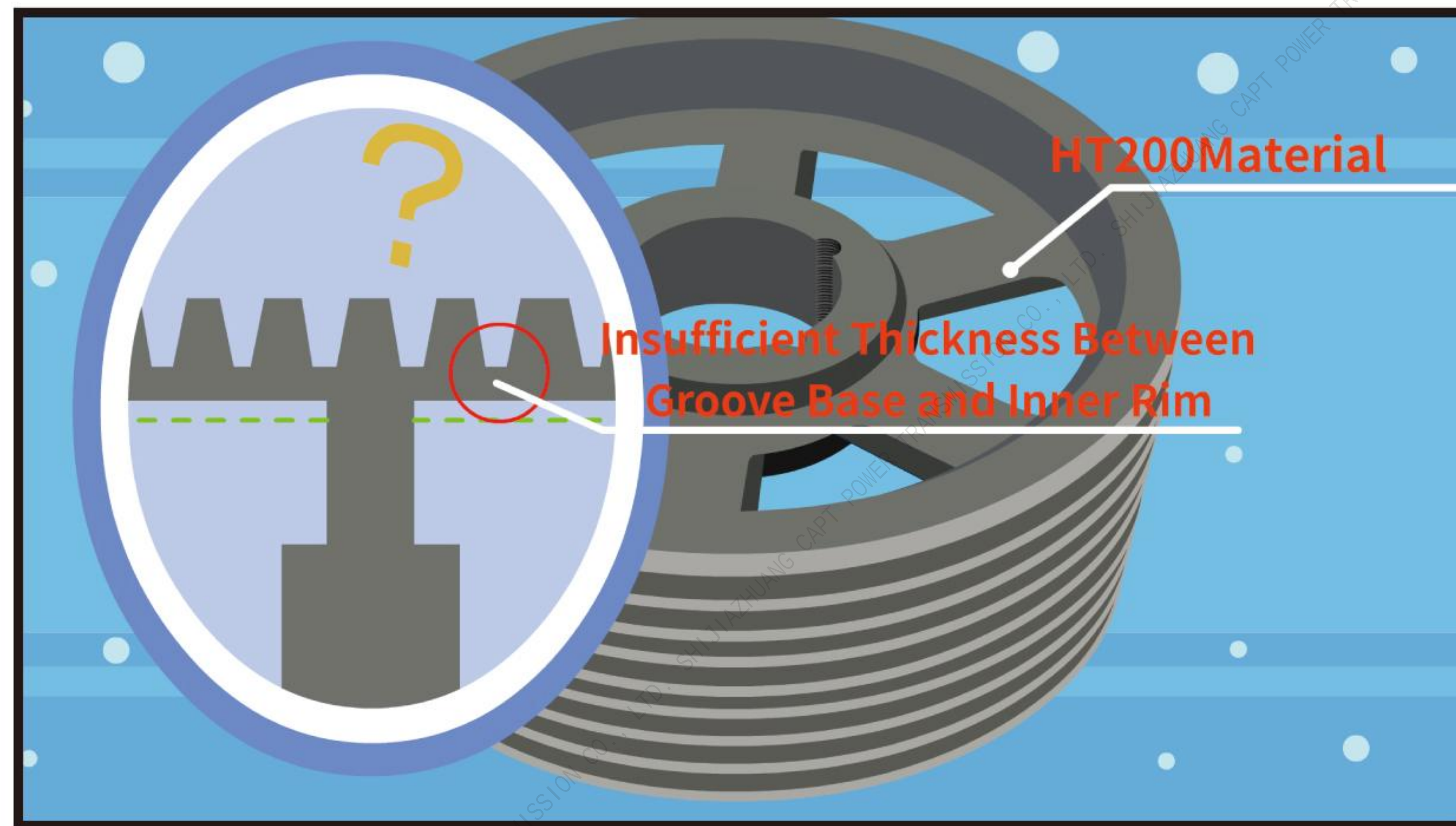
⑭The threads in HT200 cast iron pulleys are easily stripped and damaged.



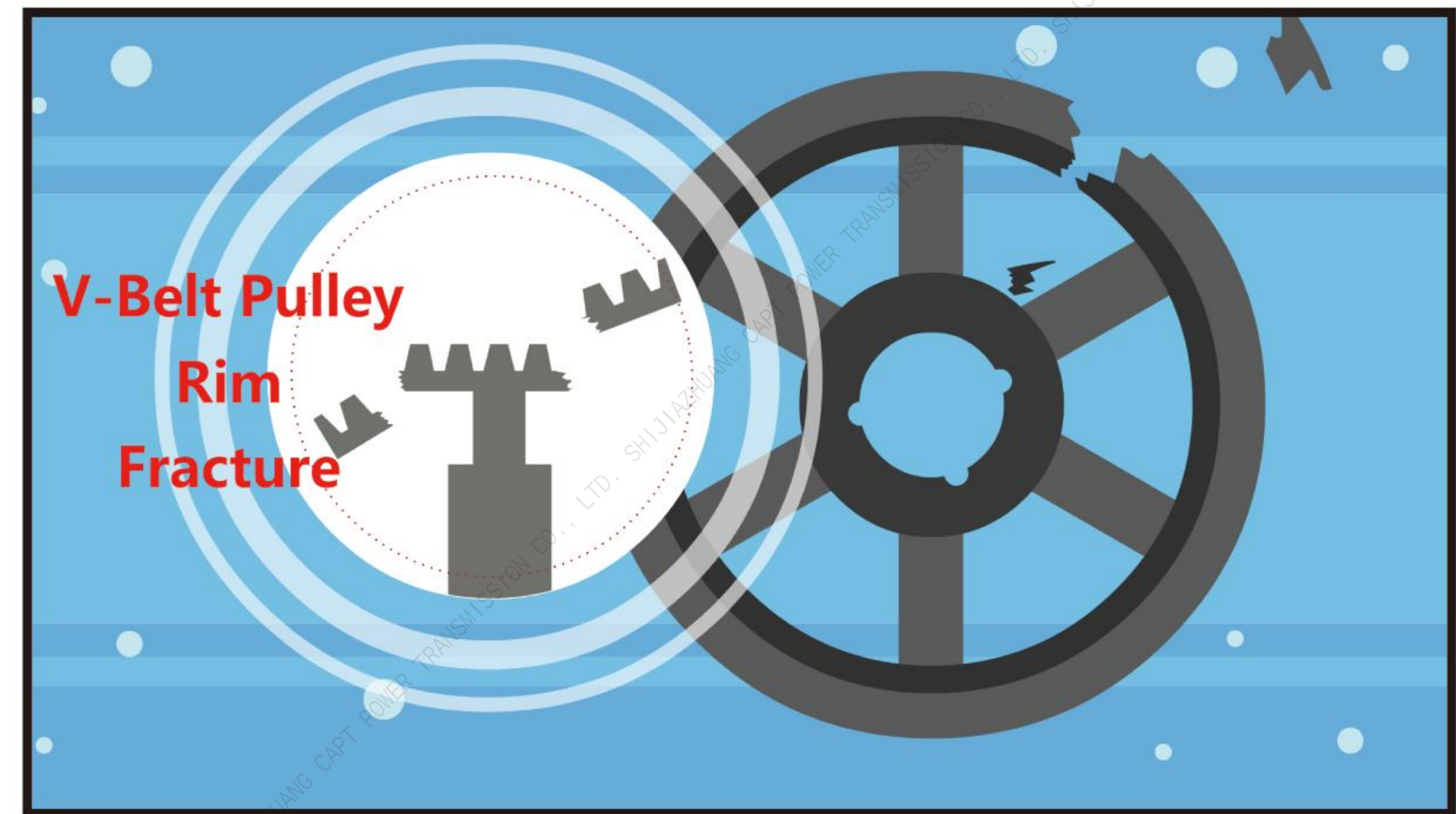
⑮Thread hole “slippage” can cause fastening failure, leading to parts flying off.



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



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



⑱The 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!

2027



Bush No.	USD-FOB-TIANJIN	Material	Bush No.	USD-FOB-TIANJIN	Material
A1008	\$1.12	1045	A3020	\$6.97	1045
A1108	\$1.20	1045	A3030	\$9.88	1045
A1210	\$1.49	1045	A3525	\$12.20	1045
A1215	\$1.78	1045	A3535	\$14.71	1045
A1310	\$1.75	1045	A4030	\$19.00	1045
A1610	\$1.81	1045	A4040	\$22.08	1045
A1615	\$2.15	1045	A4535	\$27.90	1045
A2012	\$2.57	1045	A4545	\$31.80	1045
A2017	\$2.96	1045	A5040	\$35.96	1045
A2517	\$4.04	1045	A5050	\$41.10	1045
A2525	\$5.50	1045			

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

Black oxide or phosphating is available at extra cost.

WeChat
SJZ-CAPT



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