



1986-2026

*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

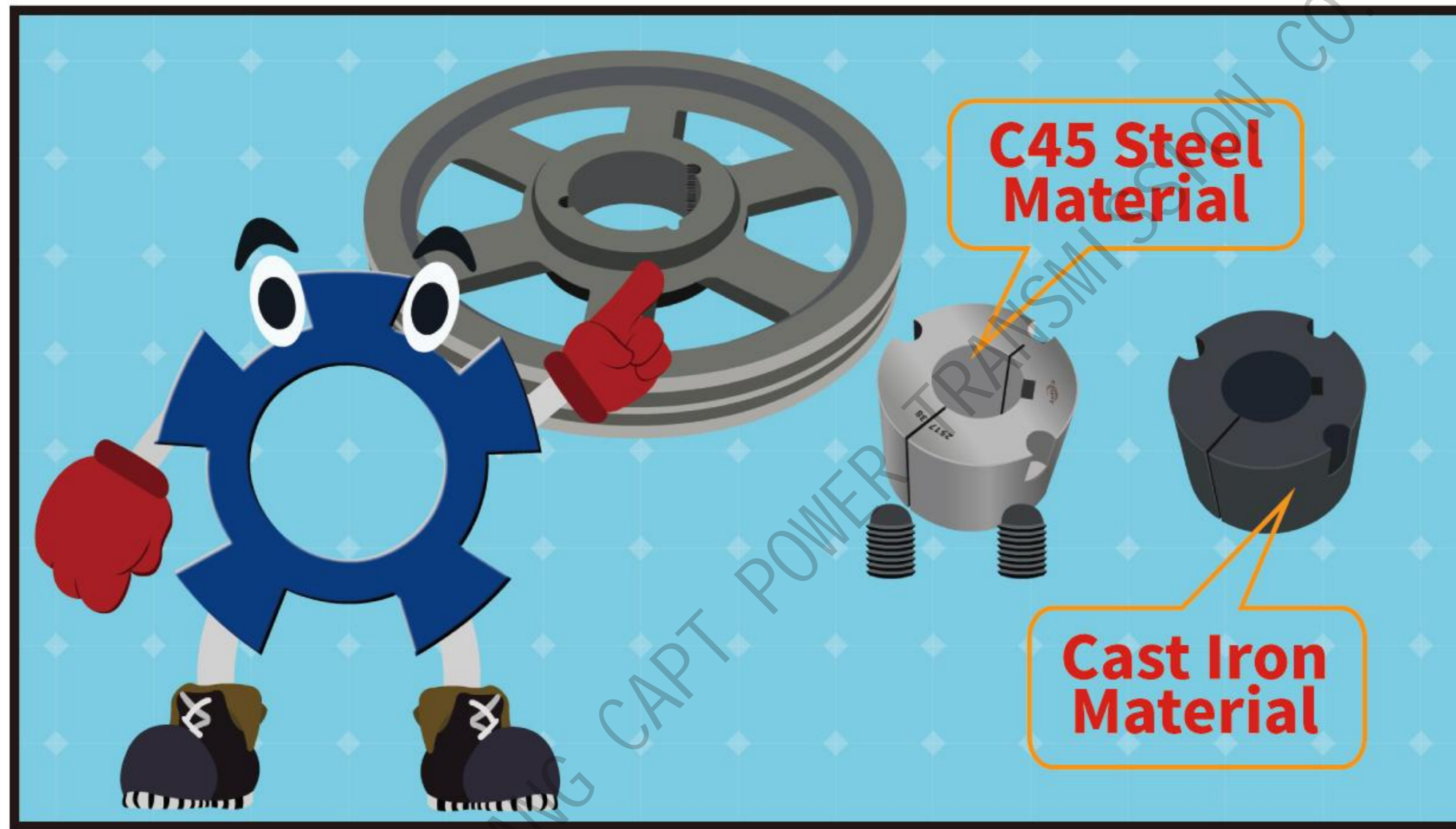
High Precision

Environmentally Friendly



Full series C45 steel A1008-A120100

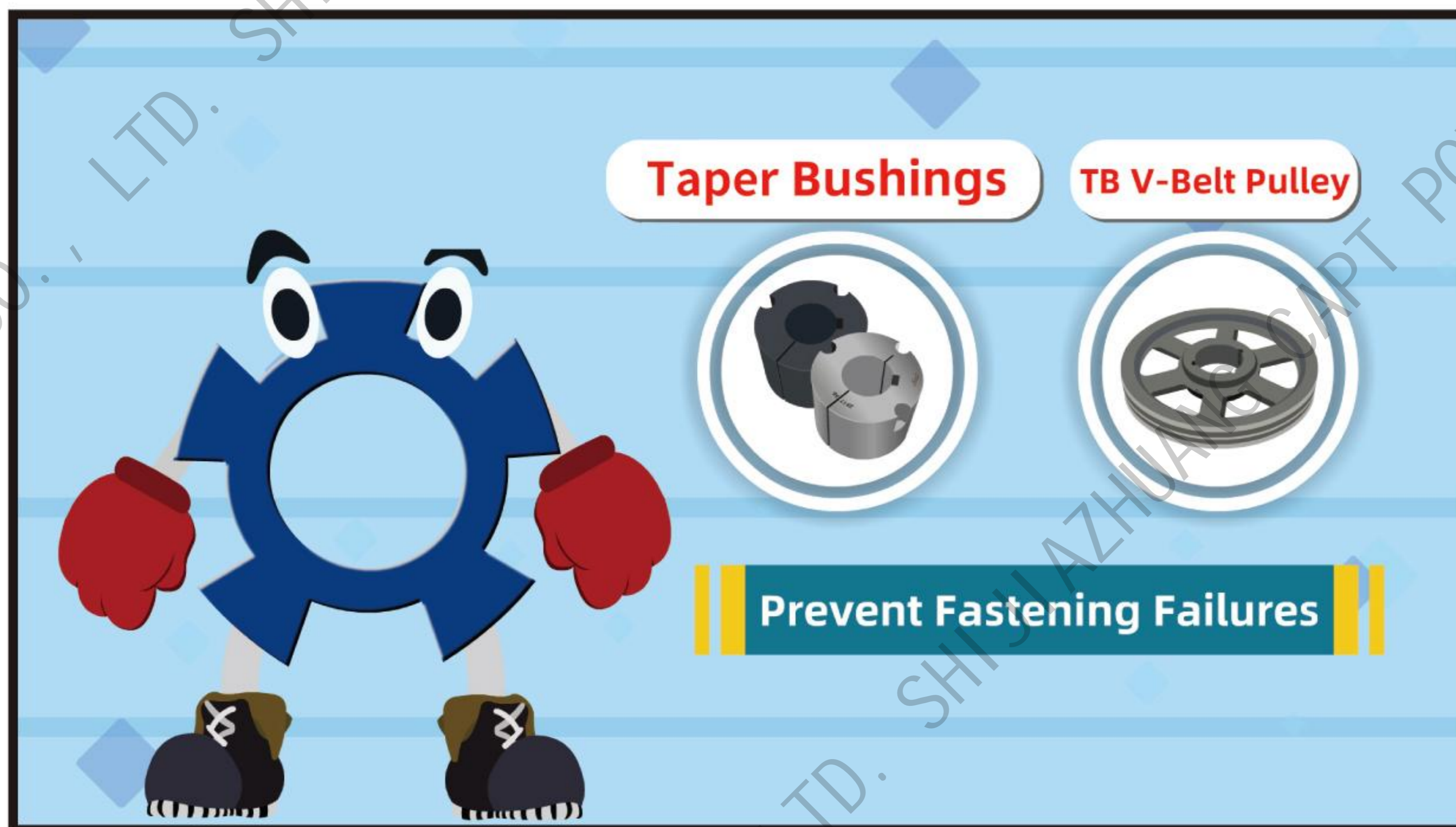
C45 Steel High-Strength TB Taper Bushings – Your Safe Choice!



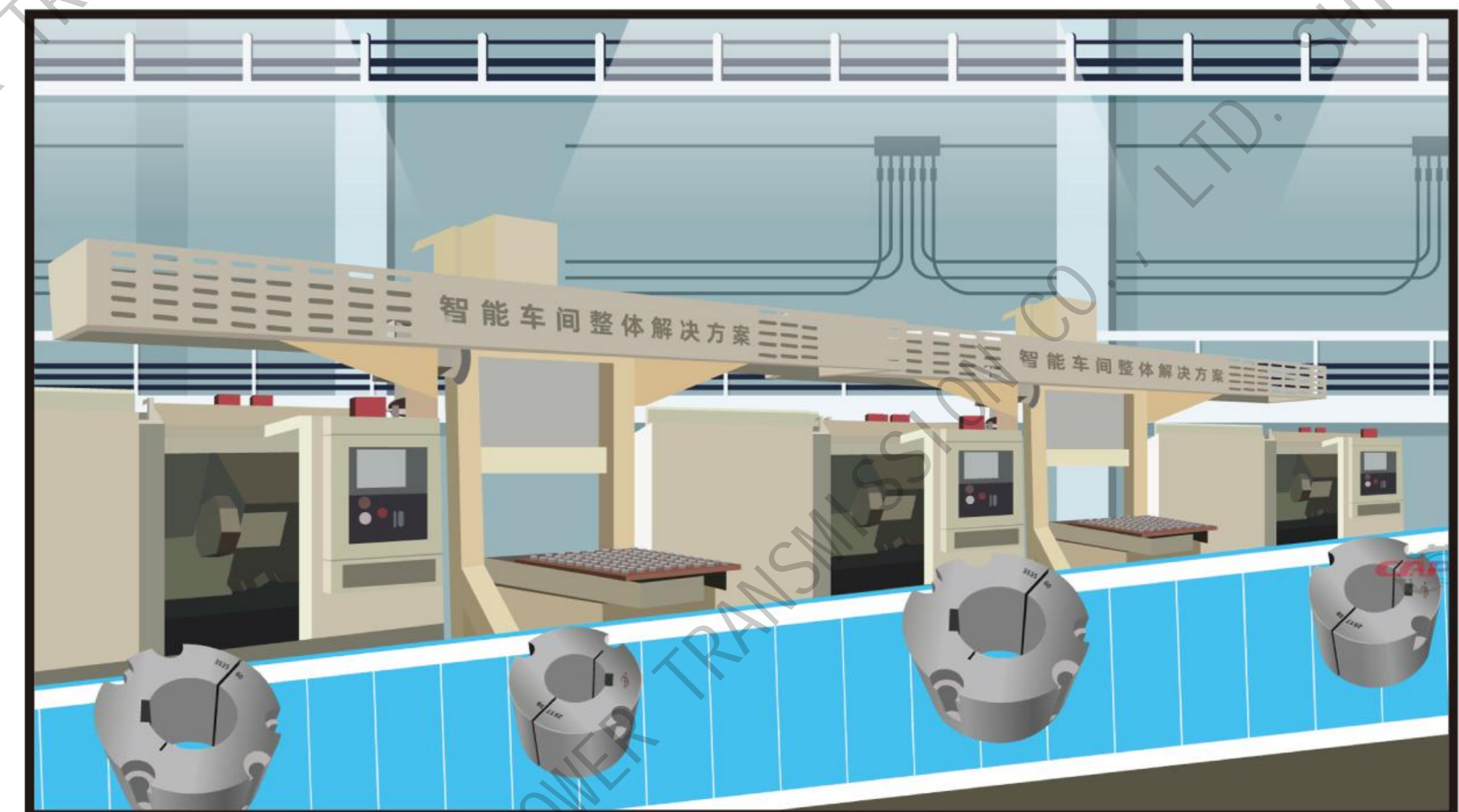
① TB taper bushings come in two types: high-strength and low-strength materials.

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

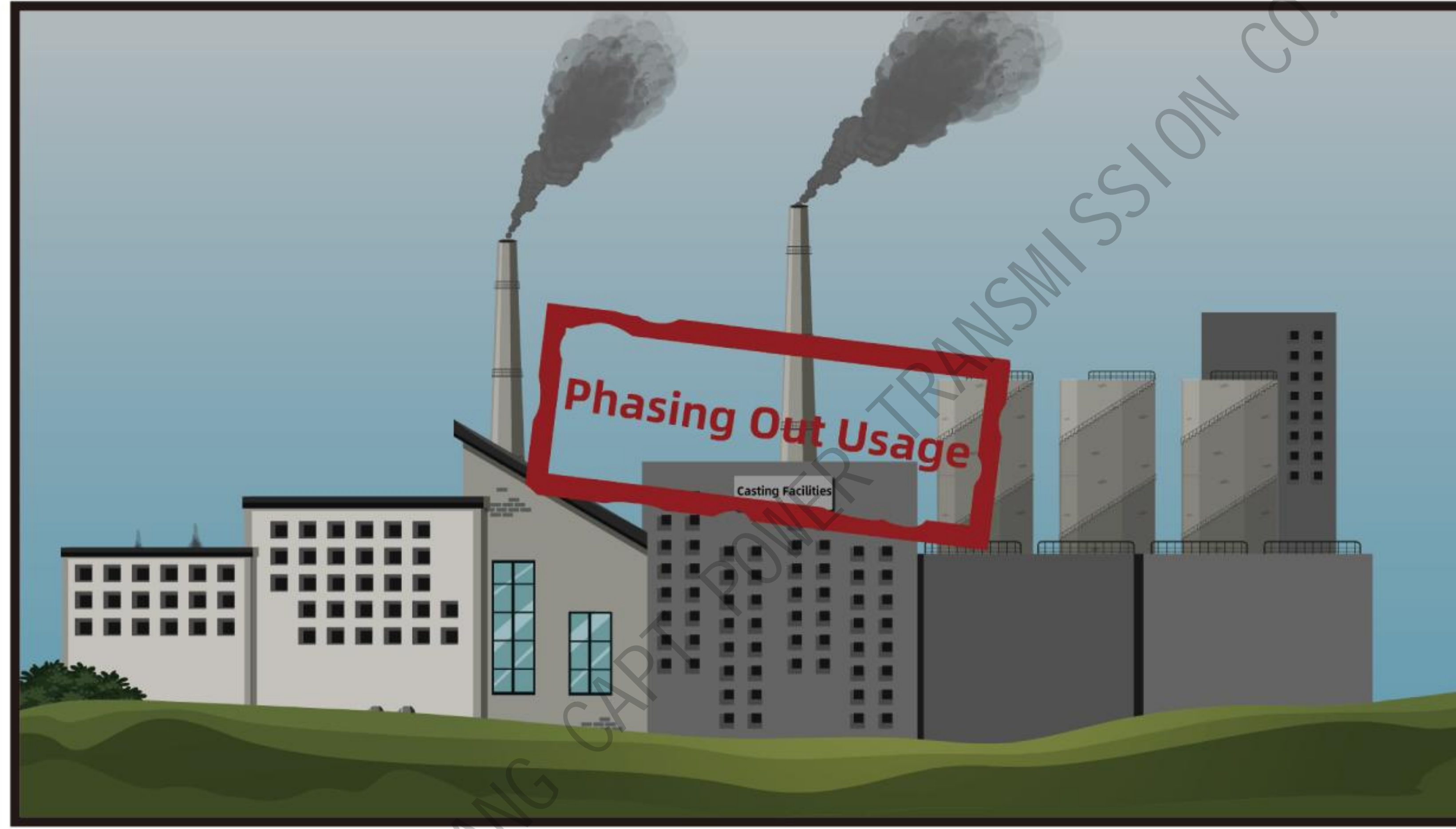
② Comparison of tensile strength between different bushing materials.



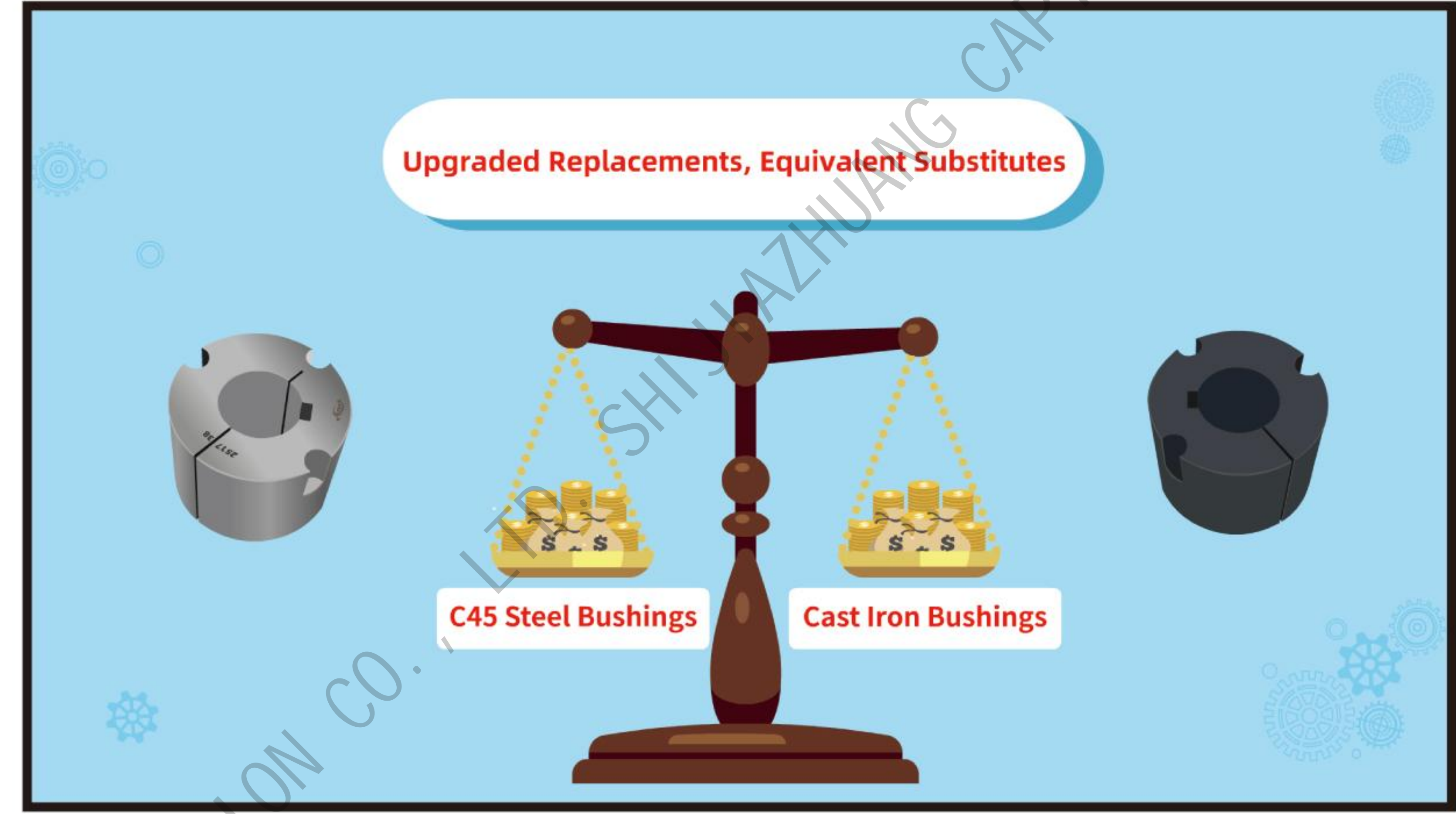
③ Choosing steel taper bushings can prevent fastening failure.



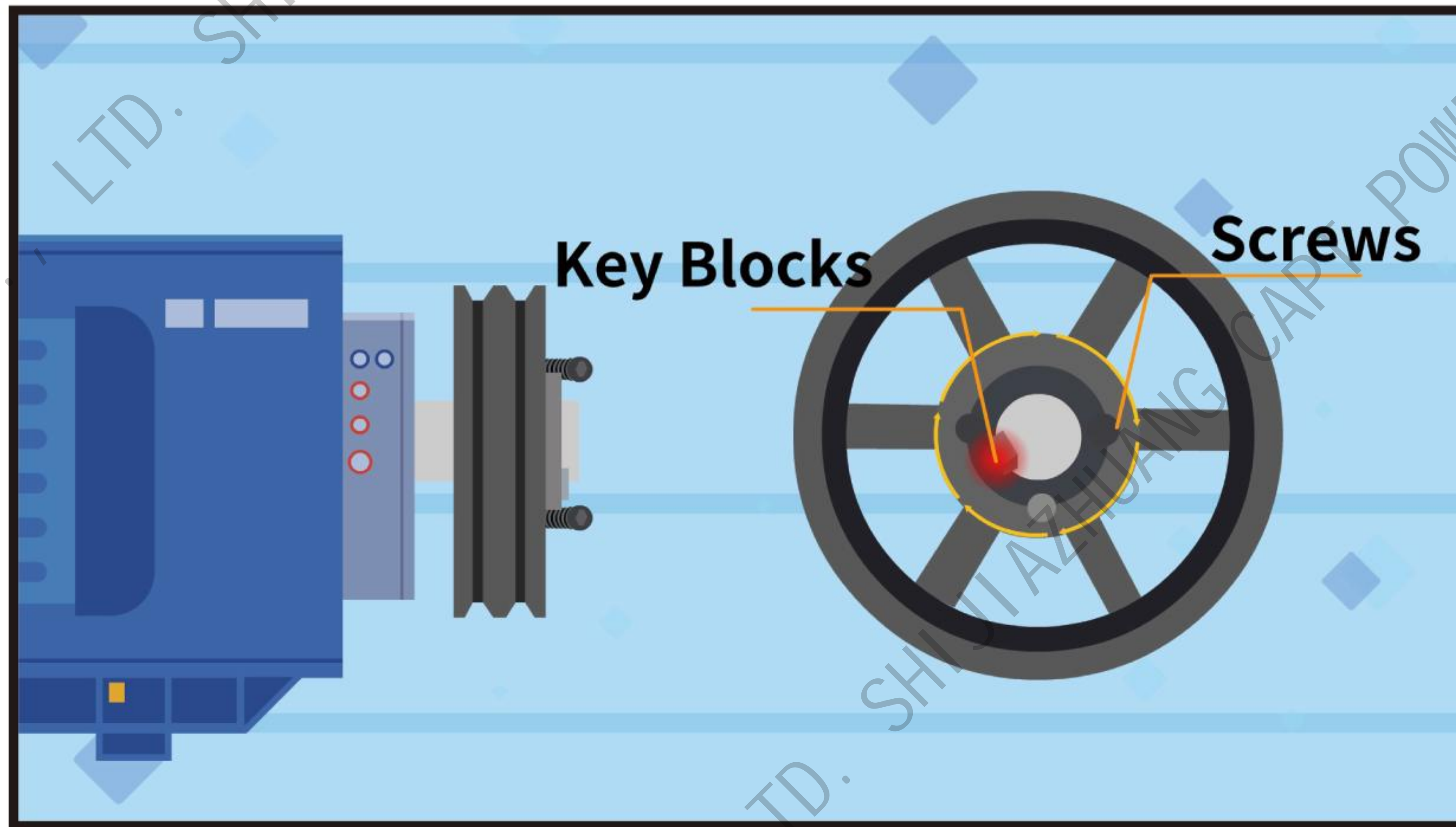
④ Digitalization, automation, and intelligence ensure high precision.



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.



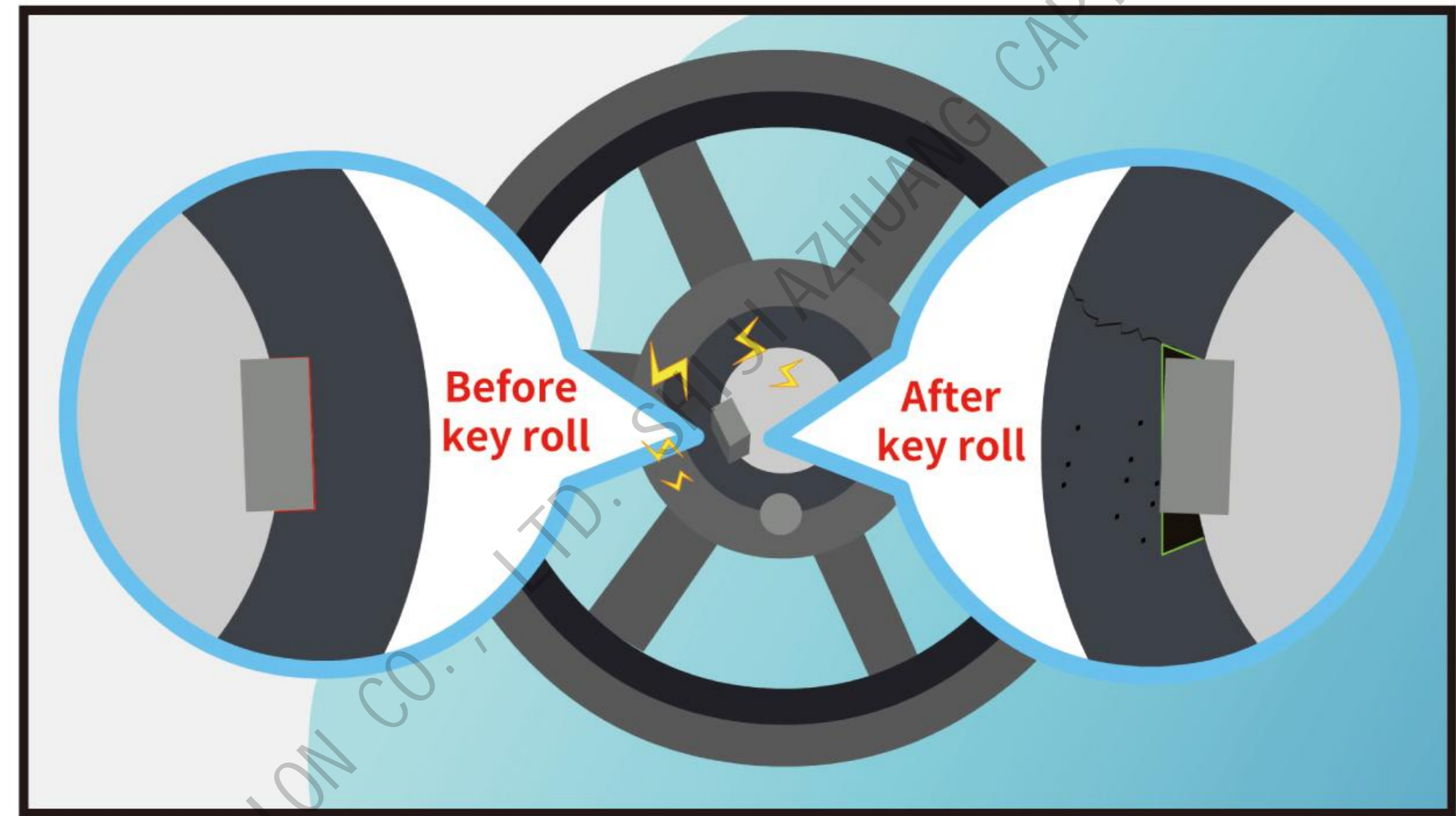
⑦ Installation and fastening are achieved through screws and key blocks.



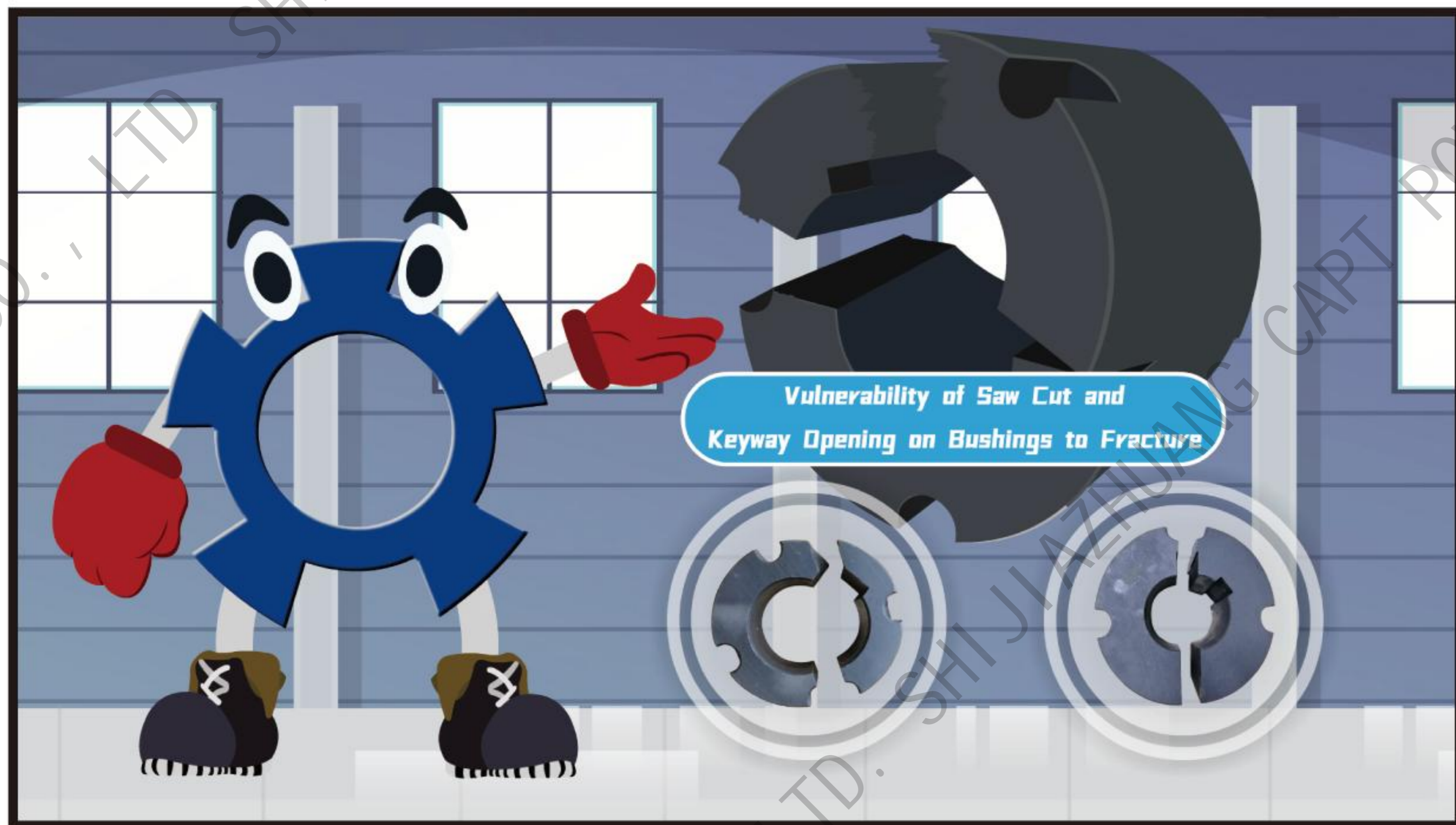
⑧ The tensile strength of C45 steel shaft keys is higher than that of cast iron bushings.



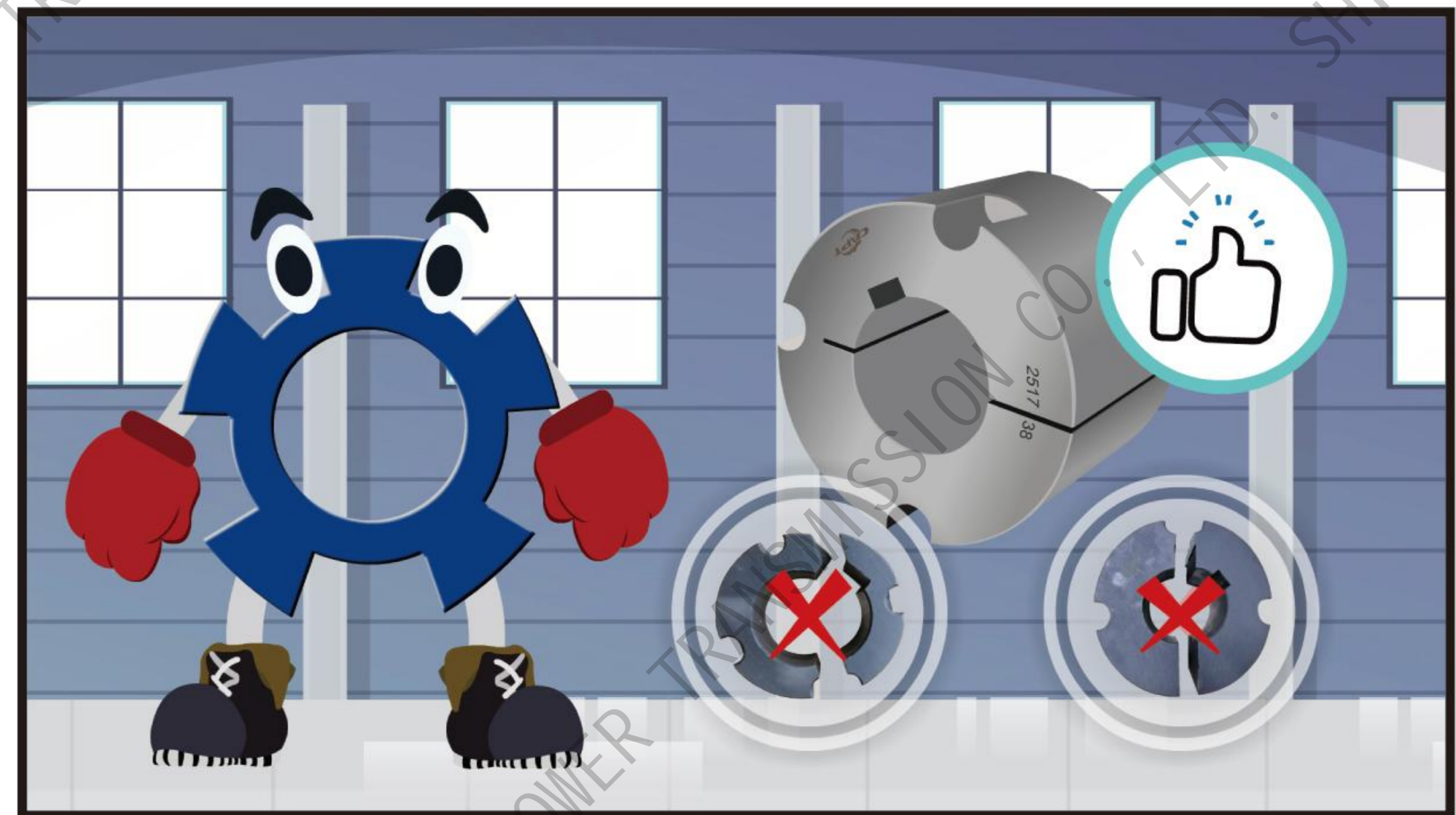
⑨ During operation, strong torque impacts the weak keyway positions.



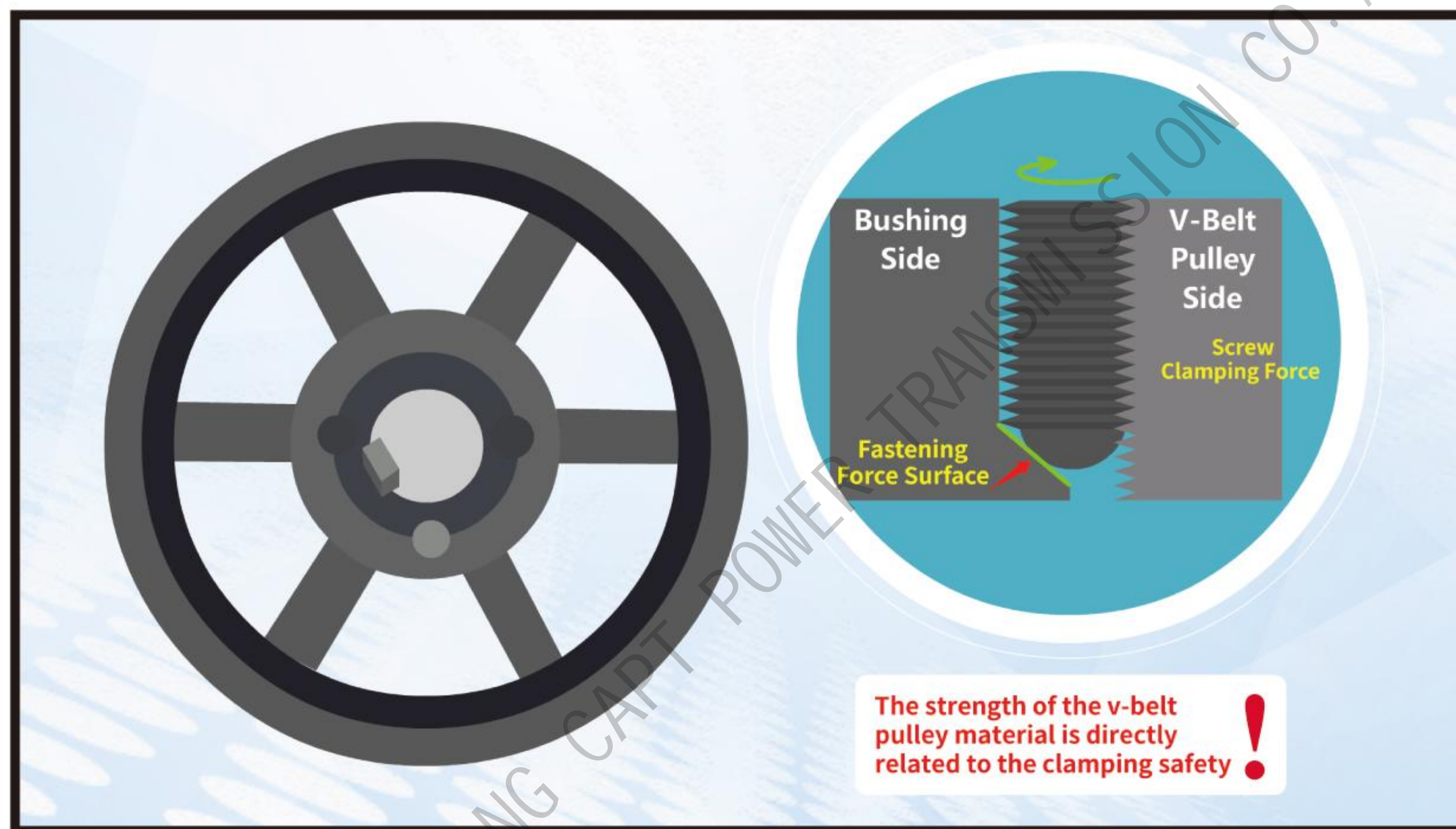
⑩ Cast iron material keyways are prone to "rolling key" issues.



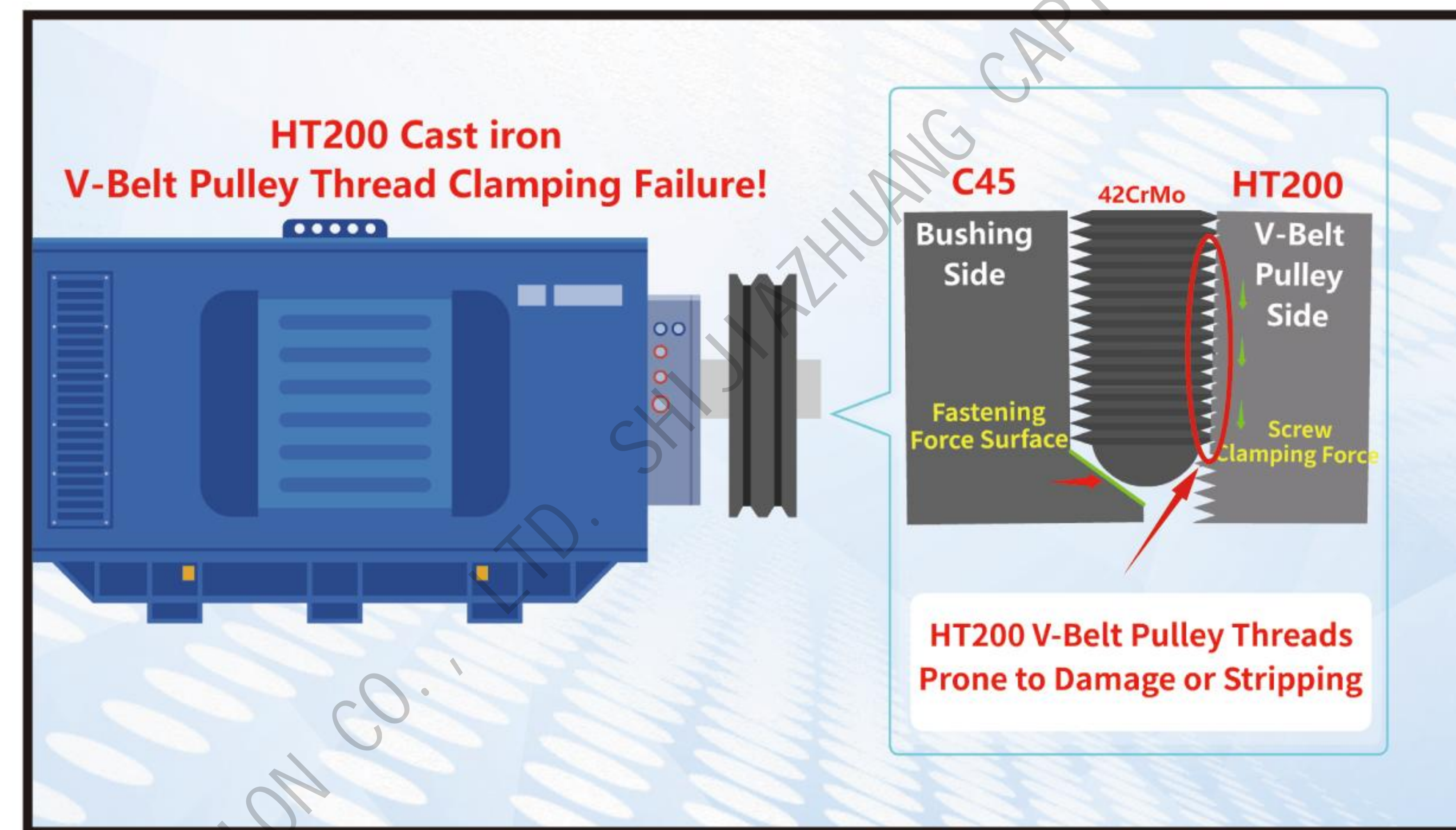
⑪ Cast iron taper bushing elastic saw cuts and key slots are susceptible to fractures.



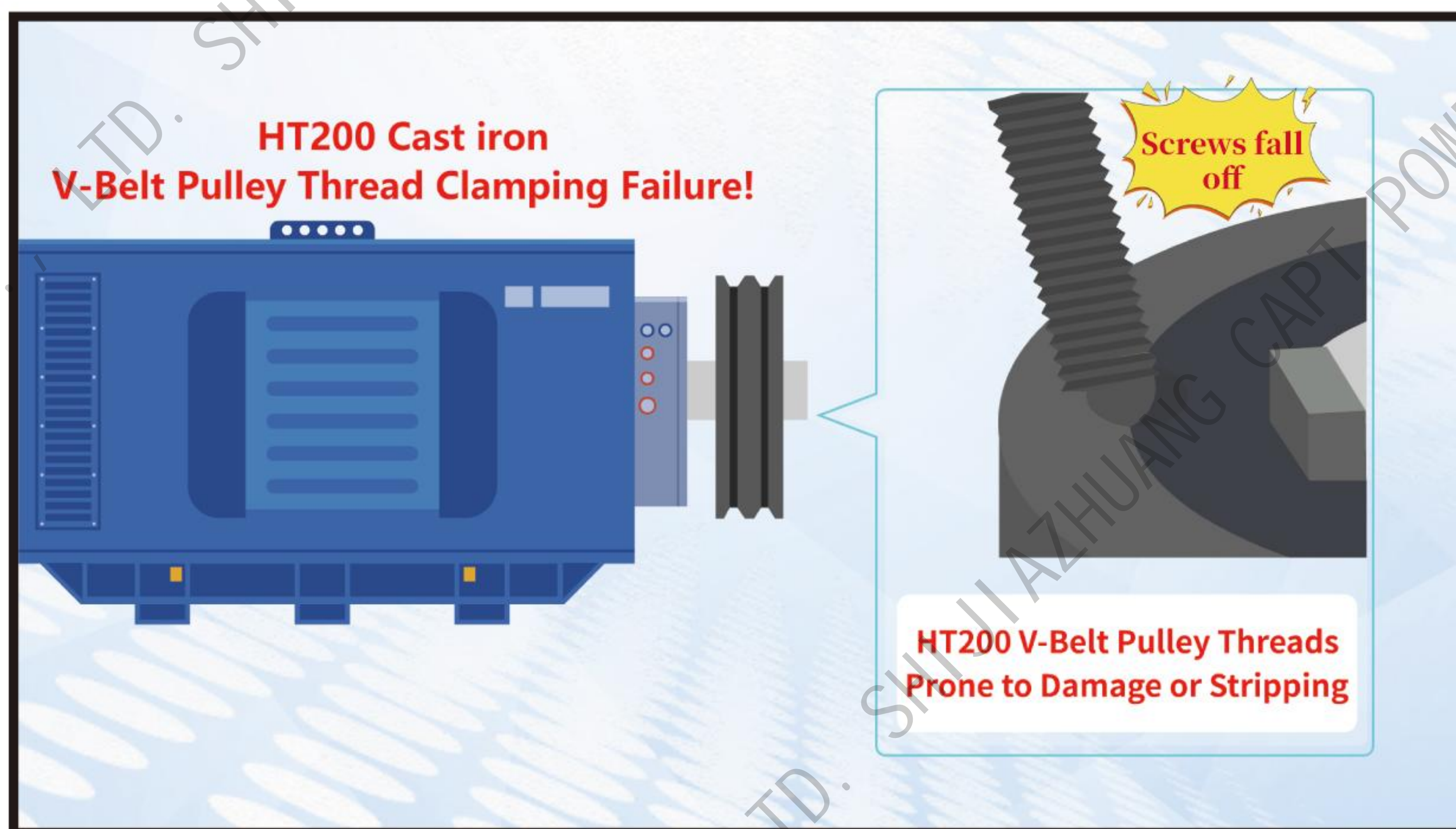
⑫ High-strength C45 steel TB taper bushings can prevent breakage and damage.



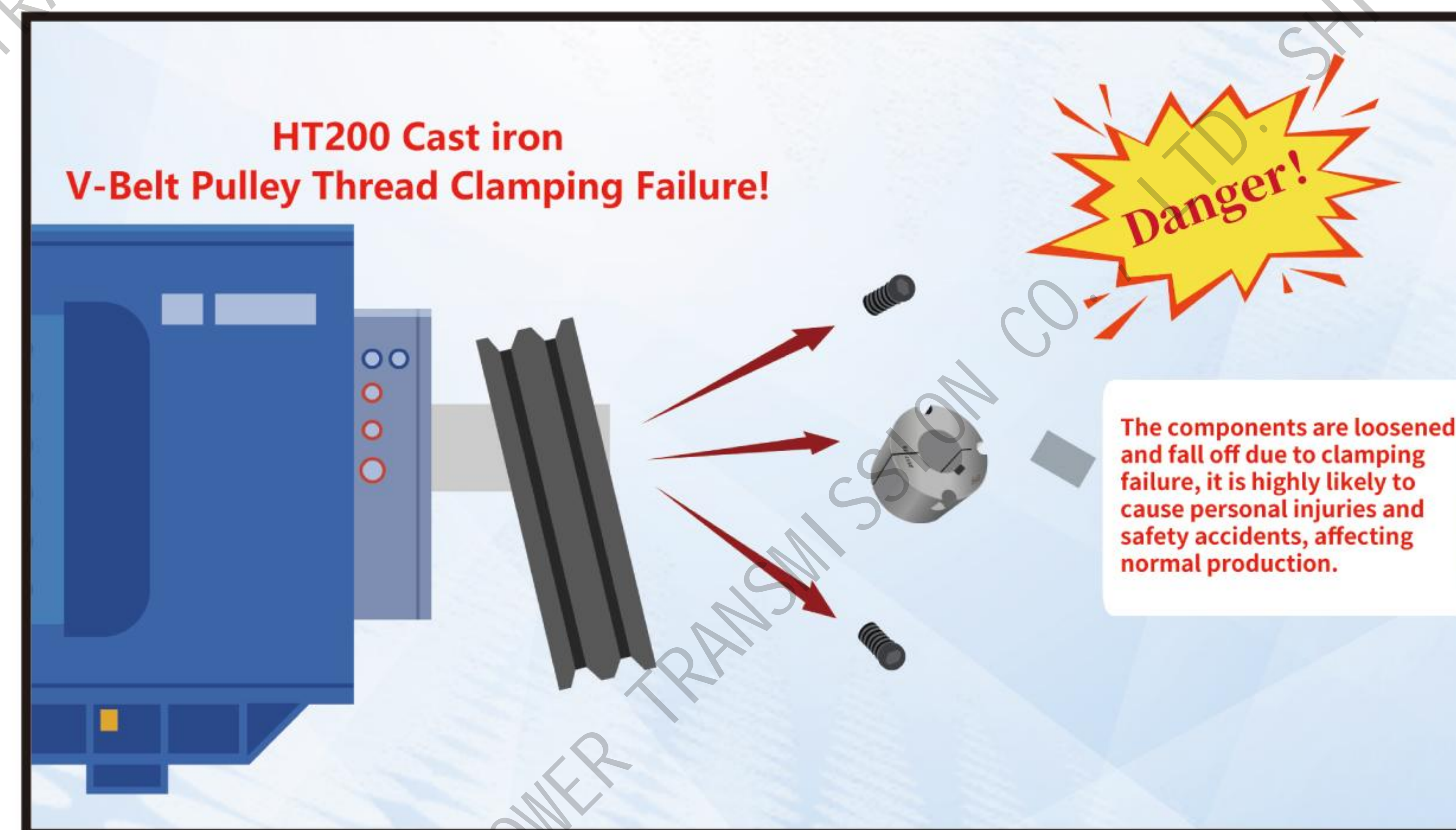
⑬ The taper bushing and pulley are secured by compressing only one side of the threaded hole.



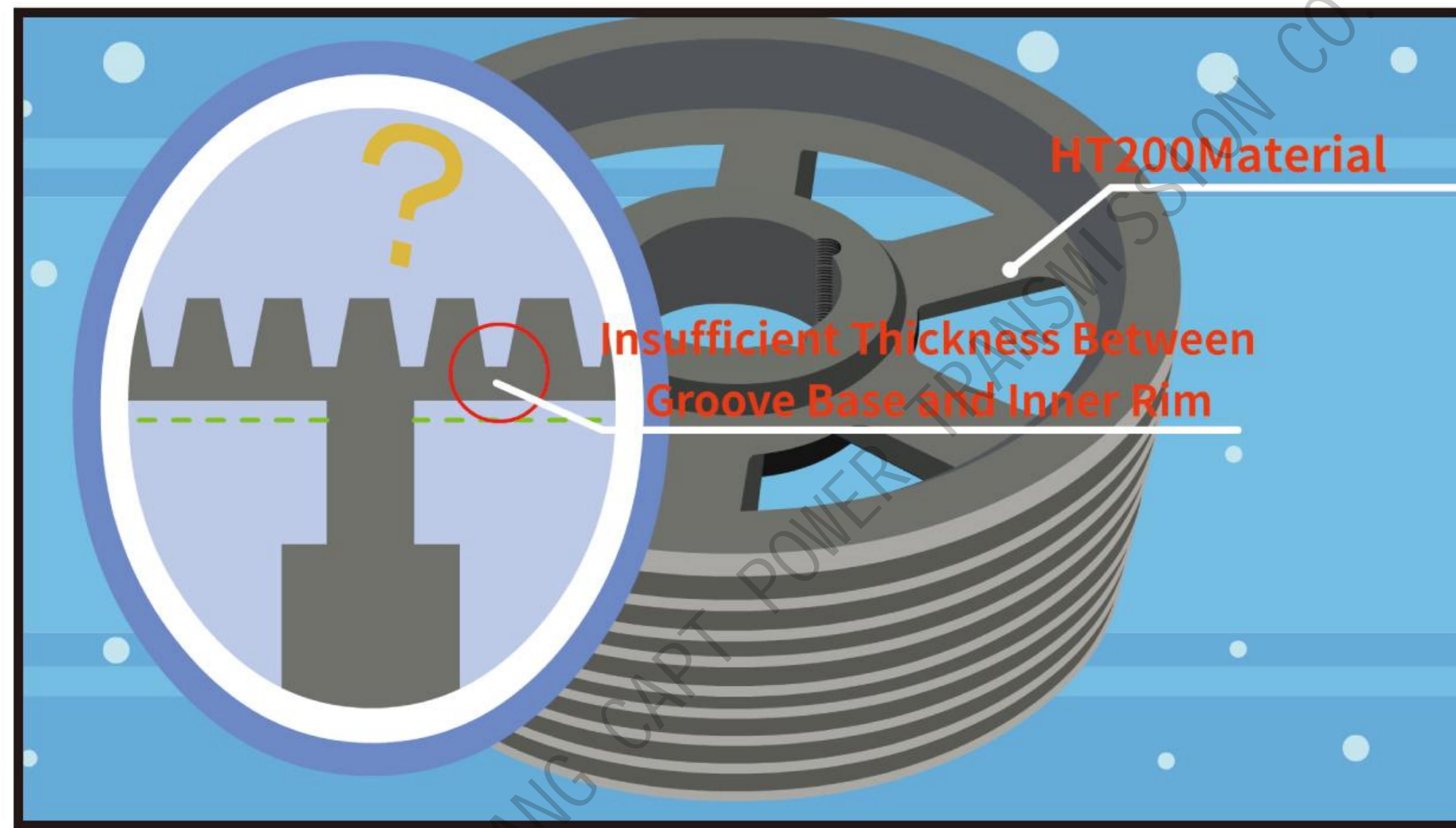
⑭ The threads in HT200 cast iron pulleys are easily stripped and damaged.



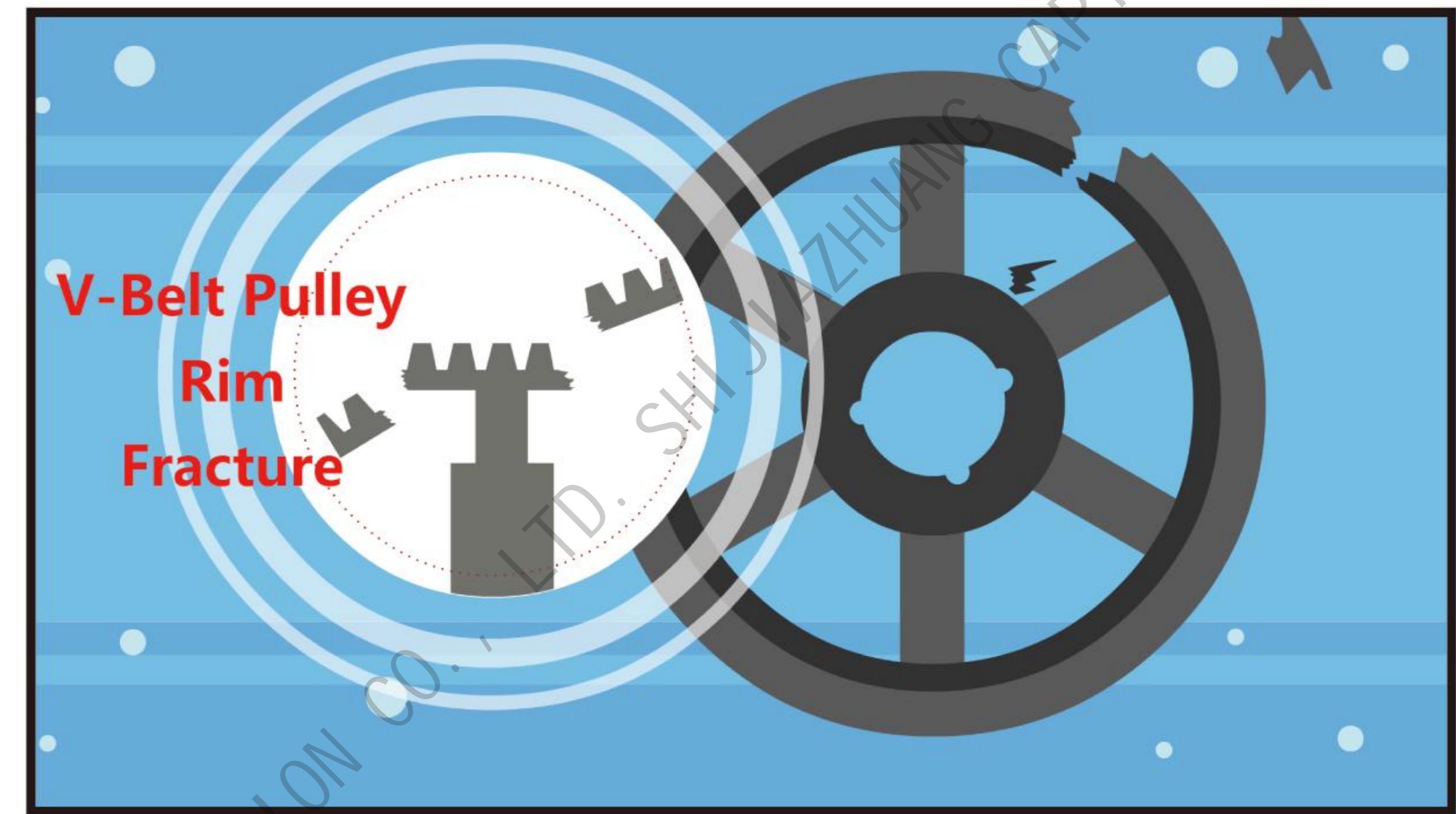
⑮ Thread hole “slippage” can cause fastening failure, leading to parts flying off.



⑯ At 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!

2026



Bush No.	USD-FOB-TIANJIN	Material	Bush No.	USD-FOB-TIANJIN	Material
A1008	\$0.99	1045	A3020	\$6.14	1045
A1108	\$1.05	1045	A3030	\$8.71	1045
A1210	\$1.31	1045	A3525	\$10.73	1045
A1215	\$1.57	1045	A3535	\$13.00	1045
A1310	\$1.51	1045	A4030	\$16.79	1045
A1610	\$1.60	1045	A4040	\$19.34	1045
A1615	\$1.90	1045	A4535	\$24.38	1045
A2012	\$2.27	1045	A4545	\$27.91	1045
A2017	\$2.61	1045	A5040	\$31.61	1045
A2517	\$3.57	1045	A5050	\$36.16	1045
A2525	\$4.84	1045			

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.

WeChat
SJZ-CAPT



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