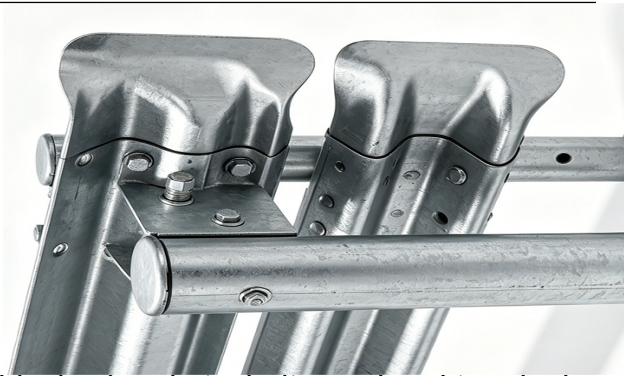




Guardrail Post & Accessories — Technical Specifications

Guardrail Posts & Accessories provide the structural support and secure connections that highway safety barrier systems depend on. Our range includes tubular posts (G-D, G-T, G-F), section steel posts (PSP, PST, PHS), C-channel posts, spacer blocks, brackets, bolts, and end terminals — all

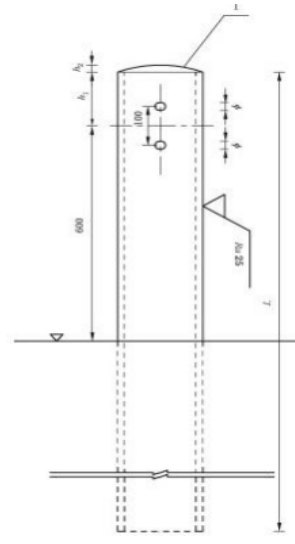
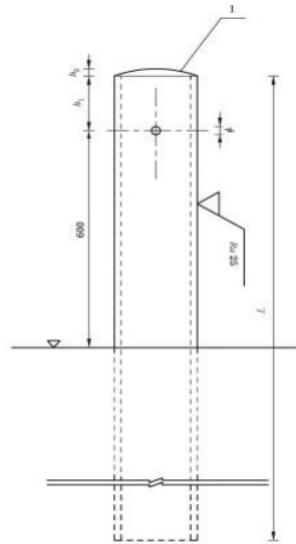
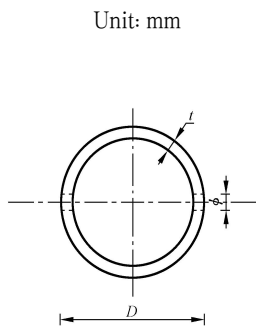


manufactured from high-strength Q235/Q355 steel (formerly Q345 under GB/T 1591-2018) and hot-dip galvanized to match the corrosion resistance of our W-beam and Thrie-beam panels. Fully compatible with both systems, our posts and accessories support customization in length, profile, and hole spacing to meet project-specific drawings and specifications.

Tubular Steel Post Models and Specifications

Unit: mm

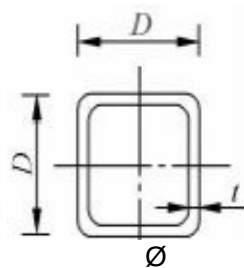
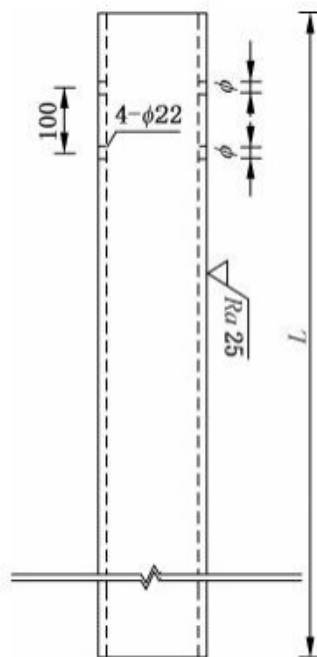
Product Name	Model	Specification (Diameter × Wall Thickness)	Use
post	G-D	φ89×4	Connects to bracket
	G-T	φ114×4.5	Connects to bracket
	G-F	φ140×4.5	Connects to diaphragm beam
Product Name	Model	Specification	
Post	PSP	φ140×4.5 (tubular section diameter × wall thickness)	
	PST	130×130×6 (SHS outer side length × outer side length × wall thickness)	
	PHS	150×100 (H-section steel height × width)	



a) Cross Section

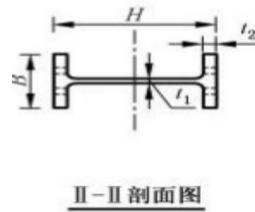
a) Type G-D, Type G-T Elevation c) Type G-F Elevation

Model	D	Ø	t	h1	h2	L
G-D	89	18	4	≥ 100°	10	L0
G-T	114		4.5			
G-F	140					



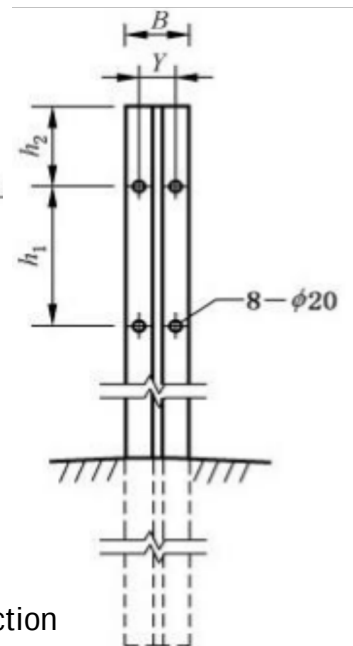
square

Unit: mm



II-II 剖面图

H-section



Model	D		Ø		t		L	
PST	130		18 22		6		L0	
Model	h1	h2	Y	B	H	t1	t2	L
PHS	256	149	60	100	150	4.5	6	L0

As a direct factory based in Shandong, China, we supply complete guardrail post and accessory systems for highway projects worldwide, backed by EN 1317, JTG D81, and GB/T 31439 compliance. We work closely with EPC contractors, road construction companies, and government procurement agencies across Africa, Southeast Asia, the Middle East, and South America, offering OEM/ODM manufacturing and reliable bulk export supply. Contact us today for technical drawings, custom specifications, or a project quote.



Report No: XH2606B0023217GR page 1 of 8

XHIT

TEST REPORT

Report Number:	XH2606B0023217GR
Date of issue	Jun.8, 2026
Name of Testing Laboratory preparing the Report	Xihua International Testing & Certification (Shenzhen) Co., Ltd. Building 10, No.23, North Lane 1, Beihuan Road, Shiyao, Bao'an District, Shenzhen, Guangdong, China
Application Name	Shandong Pipe Engineering Technology Co., Ltd.
Address	Room 1-1102, Ginza Jingdu International Plaza, No.66 Shunhedong Street, Shizhong District, Jinan City shandong
Test specification	Standard EN 1317-1:2010 EN 1317-2:2010 EN 1317-3:2010 EN 1317-4:2010 EN 1317-5:2007+A2:2012/AC:2012 EN ISO 1461:2022 EN 10025-1:2004
Test procedure	Entrusted inspection
Procedure deviation	N.A
Non-standard test method	N.A
Test item	Description Highway Guardrails
Trade Name	/
Model and/or type reference	/
Add module	/
Manufacturer	Shandong Pipe Engineering Technology Co., Ltd.
Address	Room 1-1102, Ginza Jingdu International Plaza, No.66 Shunhedong Street, Shizhong District, Jinan City shandong
Test sample(s) received	Jun.1, 2026
Test in period	Jun.1, 2026-Jun.8, 2026
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):	
CTesting Laboratory:	Xihua International Testing & Certification (Shenzhen) Co., Ltd.
Testing location/address:	Building 10, No.23, North Lane 1, Beihuan Road, Shiyao, Bao'an District, Shenzhen, Guangdong, China
Tested by (name, function, signature)	Penny Chen / Project Handler
Approved by (name, function, signature)	Johnson Xu / Designated Reviewer
TjciMsS	

Ae9ldEm

Xihua International Testing & Certification (Shenzhen) Co., Ltd.
Address: Building 10, No.23, North Lane 1, Beihuan Road, Shiyao, Bao'an District, Shenzhen, Guangdong, China
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