



Prestressed cable tray steel strand

Prestressed Concrete Steel Strand (simplified as PC strand) is a multi-wire steel cable helically wound by 2, 3, 7 or 19 high-strength steel mono wires. PC steel strand is widely used in slab post ...

Prestressed steel strands are high-strength wire ropes used to prestress concrete components. They increase the load-bearing capacity and crack resistance of structures.

Technical specifications ... Nominal Elastic Modulus = 28.5 Mpsi (196 GPa). 0.5" PC strand can be metallic coated with zinc or with zinc aluminum.

Special Steel Wire Business Division's products play a vital role in a wide range of fields from civil engineering and construction to automobiles, electronics, and information technology.

The quality of our products are well recognized in commercial and slab post-tensioning, pre-stressing, mining, geotechnical, and stay cable applications.

PC Strand, or prestressed concrete steel strand, is a twisted steel cable composed of 2, 3, 7 or 19 high strength steel wires and is stress-relieved (stabilized) for prestressed concrete or similar purposes.

All strands are the seven-wire type with a center wire enclosed by six helically placed outer wires. The center wire is slightly larger than the outer six wires. Strand is stress relieved by continuous heat ...

Insteel is the largest producer of PC strand in the United States. We offer a complete line of seven-wire and three-wire, ASTM A416 compliant, 270 ksi, low relaxation PC strand for prestress, posttension ...

Since 1979, Sumiden Wire has manufactured seven-wire prestressed concrete steel strand (PC strand) in the United States. We are able to offer a wide range of sizes and grades as specified in ASTM A416.

To prevent corrosion and damage during transit and storage, our strand is coiled on durable, solid steel reels and securely fastened. Each coil is then wrapped in a high-quality, waterproof plastic sheet.



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