



SNP POST TENSION CO.,LTD.



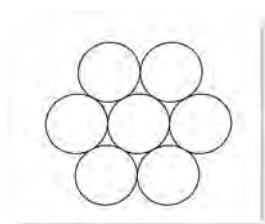
Product of Post-Tensioned System

www.snp-post.com

PC. Strand



Standard for PC.Strand : TIS.420-2540, ISO 6934-4:1991 and ASTM A416 Type 7 Wire Strand
(Low Relaxation)



◀ Cross-section of 12.7/15.24 mm. strand

Specifications

Type	13 mm (0.5")	15 mm (0.6")
Designation	ASTM416 Grade 270	ASTM416 Grade 270
Nom. Dia. (mm.)	12.7	15.24
Permissible variation (mm.)	+0.65, -0.15	
Nom. Cross Section (mm ² .)	98.7	140
Nom. Mass (Kg/m)	0.775	1.102
Nom. Yield Strength (MPa)	1675	1676
Nom. Tensile Strength (MPa)	1860	1860
Min. Breaking Load (kN)	183.7	260.7
Young's Modulus (Gpa)	Approx. 195	
Relaxation after 1,000h at 20° C at 70% breaking load	Max 2.5	
Elongation (Min. %)	3.5	

Galvanized Steel Sheet Corrugated Duct

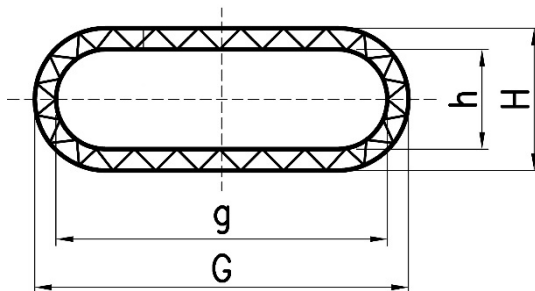
Flat Duct



▲ Roll Packing



▲ Bundle Packing



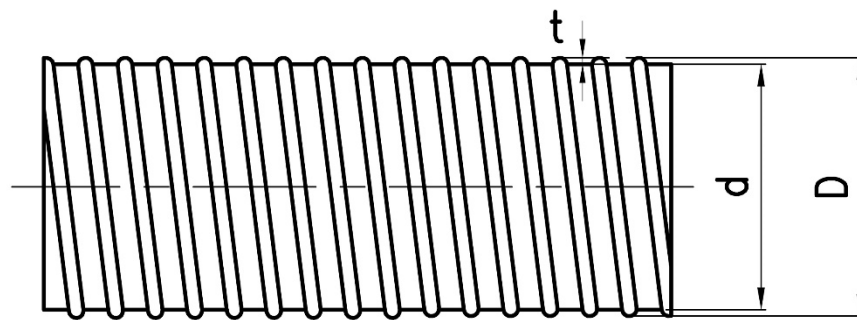
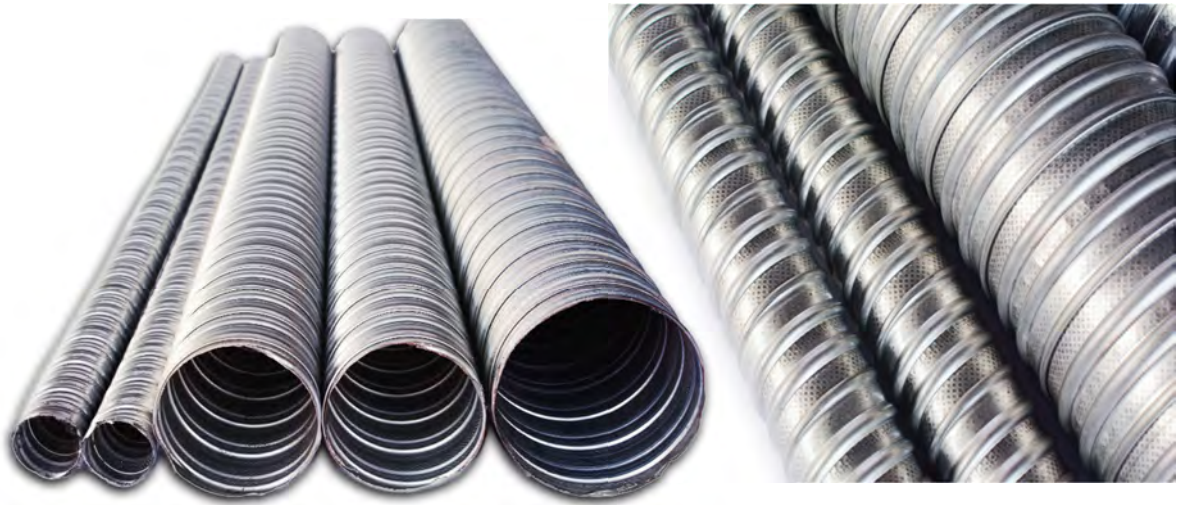
Specifications

Unit:mm.

Specs	Duct			
	g	G	h	H
Galvanize Sheath 2	47	53	21	27
Galvanize Sheath 4	62	68	20	26
Galvanize Sheath 5	75	81	20	26

- The adjacent bigger duct can be used as the coupler.
- Special duct can be supplied on request.

Round Duct



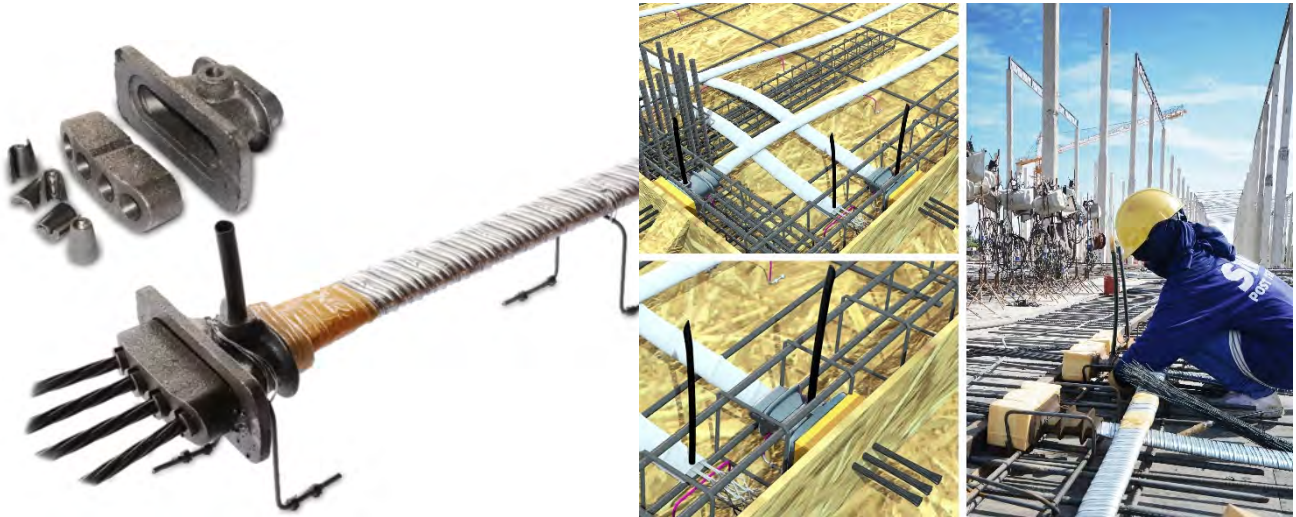
Specifications

Unit:mm.

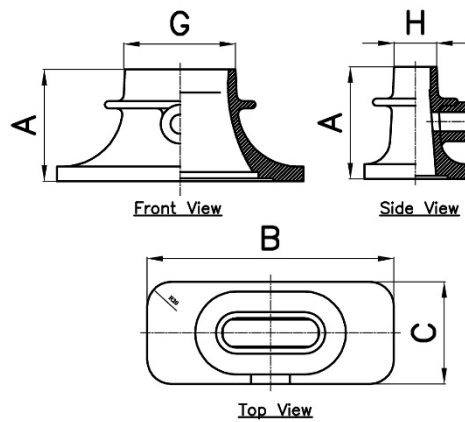
Specs	Duct		
	d	D	t
Galvanize Sheath 30mm	30	35	2.5
Galvanize Sheath 50mm	50	55	2.5
Galvanize Sheath 65mm	65	70	2.5
Galvanize Sheath 70mm	70	75	2.5
Galvanize Sheath 75mm	75	80	2.5
Galvanize Sheath 80mm	80	85	2.5

- The adjacent bigger duct can be used as the coupler.
- Special duct can be supplied on request.

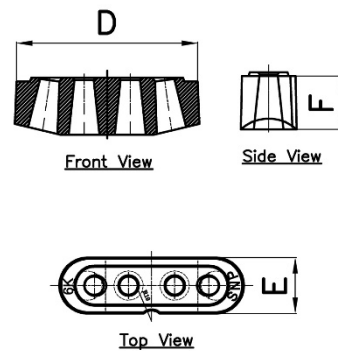
Stressing-end Slab Anchorage



Bearing Plate



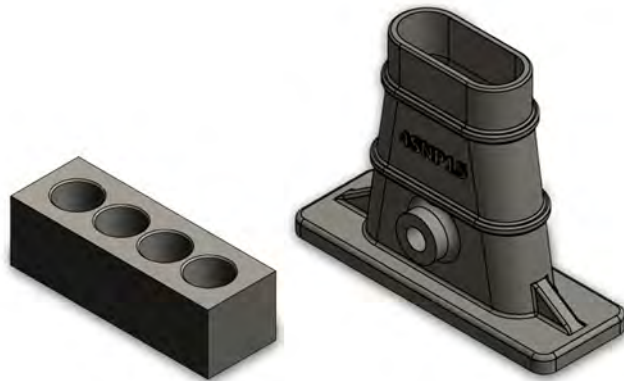
Anchor Head



Specifications For PC. Strand 13 mm.

Unit:mm.

Designation	Bearing Plate			Anchor Head			Duct	
	A	B	C	D	E	F	G	H
1SNP13	39	128	58.5	None			Ø 30	
2SNP13	96	141	81	93	47	47	47	21
3SNP13	99	148	78	125	46	48	47	21
4SNP13	92	203	84	152	46	47	62	20
5SNP13	150	210	81	192	47	51	75	81

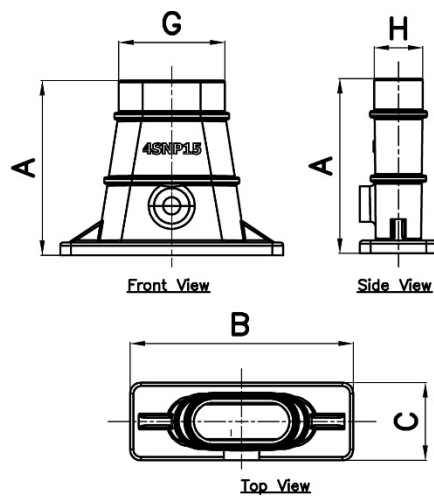


▲ 4SNP15

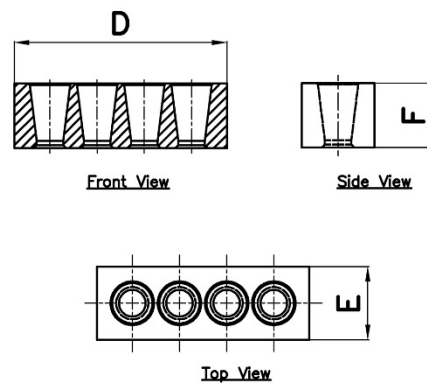


▲ 1SNP15

Bearing Plate



Anchor Head

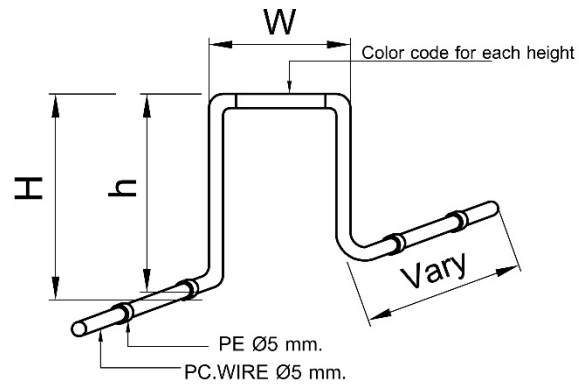


Specifications For PC. Strand 15 mm.

Unit:mm.

Designation	Bearing Plate			Anchor Head			Duct	
	A	B	C	D	E	F	G	H
1SNP15	39	128	58.5	None			Ø 30	
2SNP15	108	158	70	79.5	51	45	47	21
3SNP15	131.5	164	70	113.5	51	45	47	21
4SNP15	162.5	208	72	148.5	51	45	62	20
5SNP15	180	244	73	181	51	45	75	81

Bar Chair

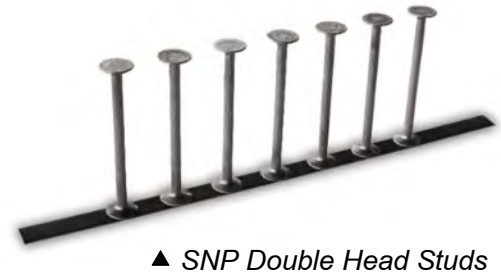
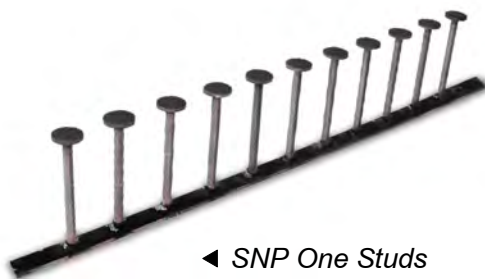
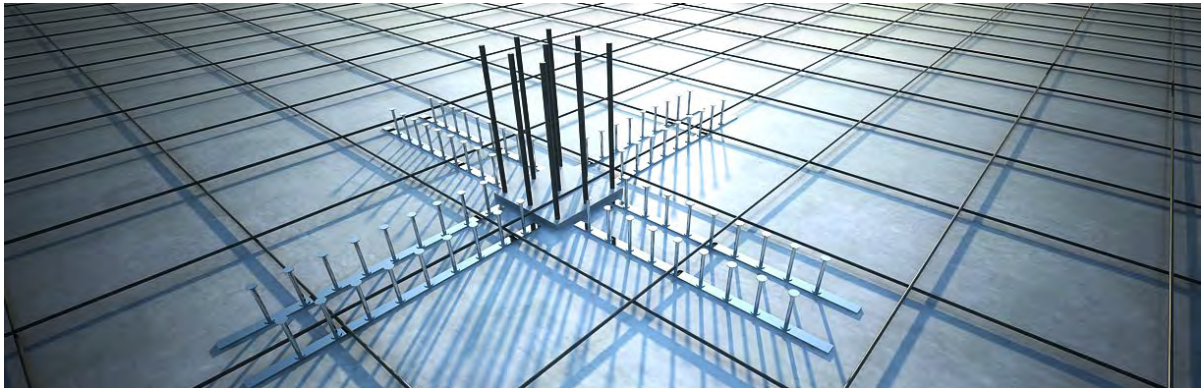


Specifications

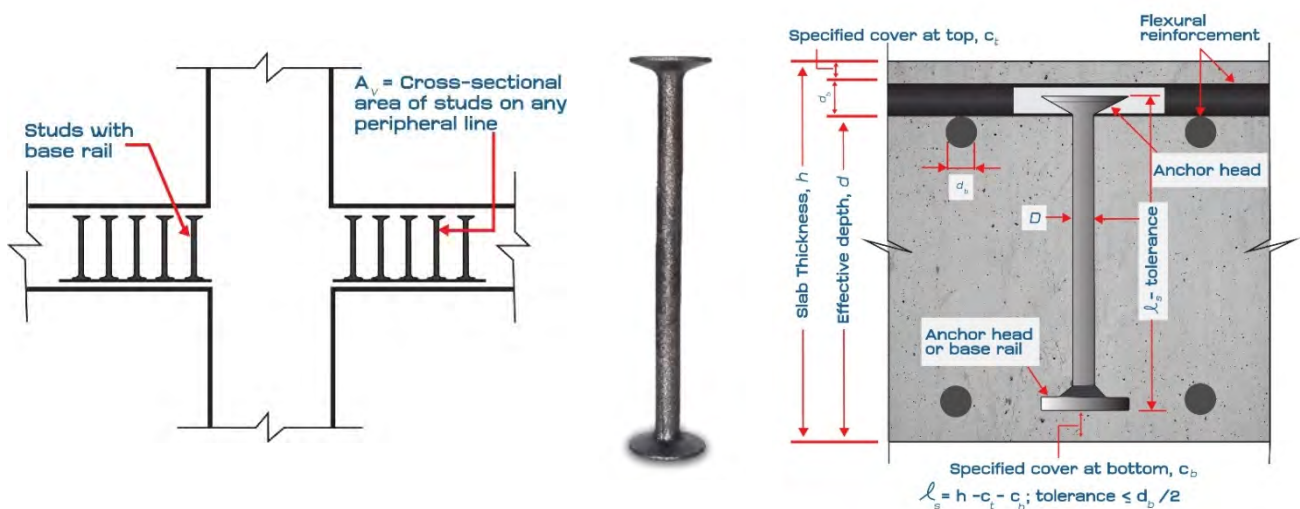
Unit:mm.

Bar Chair No.	Dimension		
	h	H	W
No. 4	37	40	110
No. 5	47	50	110
No. 6	57	60	110
No. 7	67	70	110
No. 8	77	80	110
No. 9	87	90	110
No. 10	97	100	110
No. 11	107	110	110
No. 12	117	120	110
No. 60 (Maximum)	597	600	110

Shear Studs



Standard specification for steel stud assemblies for shear reinforcement of concrete ASTM A1044 has also allowed the use of double-headed studs produced from ribbed steel. SNP STUDS are produced from ribbed reinforcement, which has higher yield strength more than 3,500 ksc. Diameter of stud 12.7 mm. and 15.2 mm. Special studs can be supplied on request.



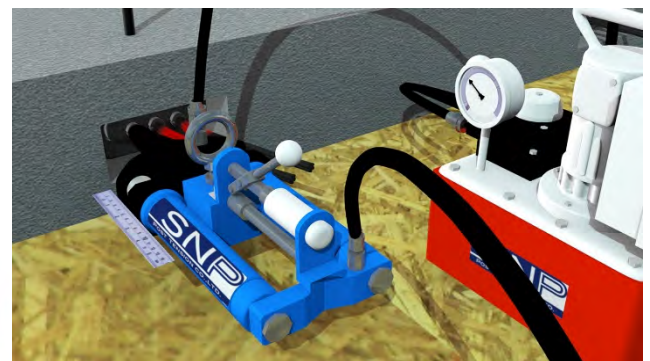
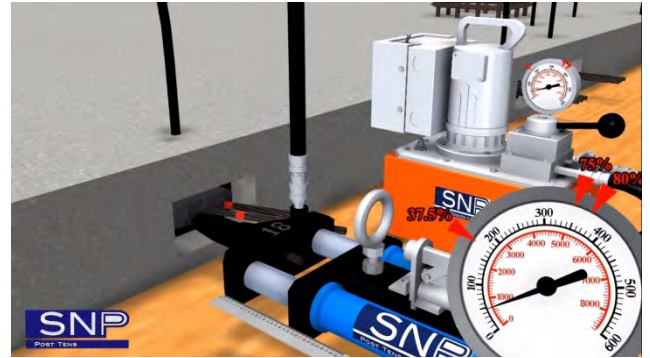
Hydraulic Jack



▲ Mono Jack



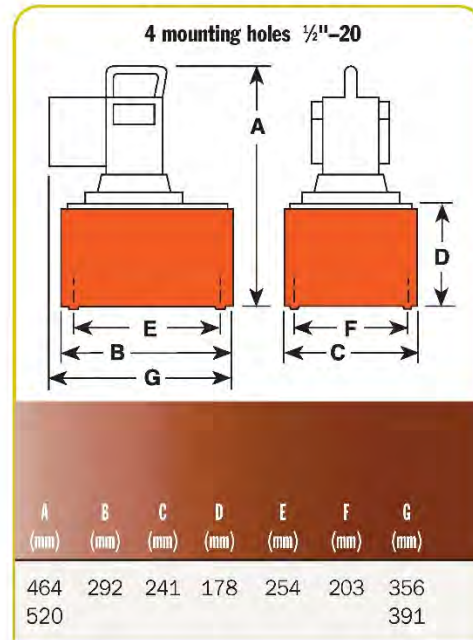
▲ JCN Jack



Specifications

Jack Type	Stand Dia, [in]	Overall Length, [mm]	Width [mm]	Thickness [mm]	Weight [kg]	Stroke [mm]
Mono Jack	2.95	300	95	20	18	200
JCN Jack	1.57	598	227	89	30	220

Hydraulic Pump



◀ Hydraulic Pump and Hydraulic Jack

Specifications

Model	For use with Cyl. Type	Reser voir Valve Type	Valve No.	Valve Function	Control Switch	Motor	Usable (cu. in.)	Description
PE554T	Double-Acting	4-Way	9500	Advance Hold Return	Remote Motor	1 1/8 hp*, 110/115 VAC 50/60 Hz, Single Phase	525	PE554, except has 9500 tandem center valve.

Grouting Machine

Mortar Pump



Specifications

Brand	MITSUBISHI
Model	SCL-KR 5HP 4P
Output Power HP (kW)	5 (3.7)
Phase	1 Phase
Pole	4 Pole
Frame Number	132S
Starting Method	Capacitor Start and Run
Application	Conveyer, Compressor
Degrees of Protection	IP 22
Enclosure Construction	Drip-proof
Thermal Class	Class F (155 °C)
Voltage & Frequency	220~230V 50Hz 220V 60Hz

Motor Characteristics

Power Supply	Hz	Full Load Current (A)	Full Load Speed (r/min)	Starting Current (A)	Starting Torque (%)	Break Down Torque (%)
1 Phase 220V	50	23	1430	107	232	174
	60	23	1720	102	174	165

Grout Mixer



Specifications

Brand	MITSUBISHI
Model	SCL-KR 3HP 4P
Output Power HP (kW)	3 (2.2)
Phase	1 Phase
Pole	4 Pole
Frame Number	112M
Starting Method	Capacitor Start and Run
Application	Conveyer, Compressor
Degrees of Protection	IP 22
Enclosure Construction	Drip-proof
Thermal Class	Class B (130 °C)
Voltage & Frequency	220~230V 50Hz 220V 60Hz

Motor Characteristics

Power Supply	Hz	Full Load Current (A)	Full Load Speed (r/min)	Starting Current (A)	Starting Torque (%)	Break Down Torque (%)
1 Phase 220V	50	15.1	1450	95	238	260
	60	13.4	1740	73	374	202



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