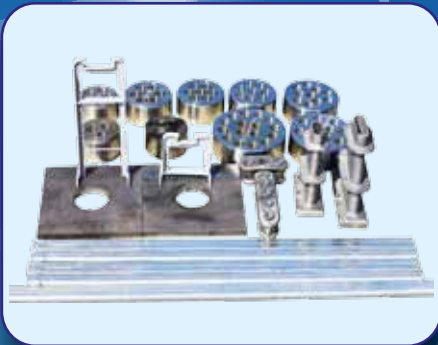
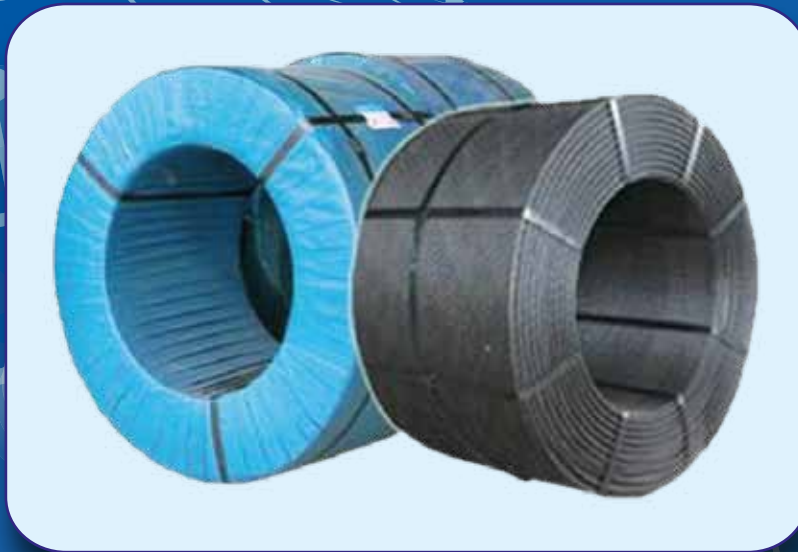




APEX EMIRATES GENERAL TRADING CO. L.L.C



PRE-STRESSING & POST TENSIONING PRODUCTS



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COMPANY INTRODUCTION

Apex emirates general trading Co.LLC was established in 1993 and since we have been striving to provide all our customer's construction needs. We proudly worked with various leading Contracting Companies in the fields of building construction, pile foundation, dewatering, ground engineering, pre stressing and post tensioning in the UAE. Being one of the top importers, our products are all bought to you from Germany, United Kingdom, France, Switzerland, Spain, Italy, Malaysia, Taiwan, China, and India.

We have a vast network of suppliers with high quality goods, to ensure we provide the best to our large number of satisfied customers. Through our established supplier's network, we offer the widest range of construction products in the region. Apex emirates general trading has a complete solution for dewatering materials, ground anchoring materials, foundation materials, pre stressing and post tensioning materials. We serve many customers in the region and have been recognized as the procurement partner for tools and equipments.

As we desire to provide more outstanding customer service and we strive to adopt a specialized computerization system in integrating material planning, procurement, sales, inventory, logistics, and financials.

We built our strong reputation in the market through the continuous improvement of our operational practices and ensuring our alignment with the ongoing development of the international markets standards.

Apex's team ensures to provide the best in class quality of service to ensure our client's satisfaction every time.



APEX SERVICE SPECTRUM

APEX supplies Products & Services for the following



PRE-STRESSED & POST TENSION

- P.C. Strand wires 12.7mm & 15.24mm
- Anchor casting products & stressing blocks for mono & multi strand systems
- Smooth flat galvanized duct : 43mm, 50mm, 70mm & 90mm
- Round & flat corrugated duct in all sizes
- Anti-corrosion epoxy coated bar chairs to BS & AS standard
- PP Plastic clip on chairs for 3 & 5 strand duct
- Mono & Multi-strand hydraulic jacks and stressing pumps
- Single & twin bowl grout pumps with all accessories
- Staple Guns and staples
- Jack wedges & stressing wedges, all sizes
- Grout tube, grout vents, foam styrene, distressing bridges, extension nose and all post tension accessories
- Equipment repair & servicing including hydraulic jack seal changes
- Hydraulic jack calibration services



PILING, ANCHORING & DEWATERING ACCESSORIES

- Single & double acting hydraulic jacks (100ton to 5000ton capacity).
- Hydraulic power packs.
- Hydraulic jack repair, servicing & calibration services.
- Soil & Rock Drilling tools (DTH hammer, Auger, drilling bits, casing crown, casings & Rods).
- Dewatering Pumps (centrifugal & Piston type) & its spare parts.
- Submersible pumps & its spares.
- All kinds of dewatering accessories.
- Ultra sonic logging tube.



PILING, ANCHORING & DEWATERING SERVICES

- Dewatering sub contract work (Deepwell & wellpoint dewatering system)
- Tie-back anchoring sub contract works.
- Static compression pile load test using reaction anchors with crown system.
- Uplift & compression pile load test work.
- Anchor stressing work (mono & multi stressing jack system)
- Vertical drilling & Micro piling work.
- Soil nailing, rock bolt anchors and injection grouting work.
- Rebar couplers supply & fixing



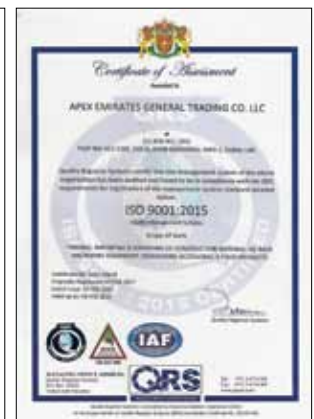
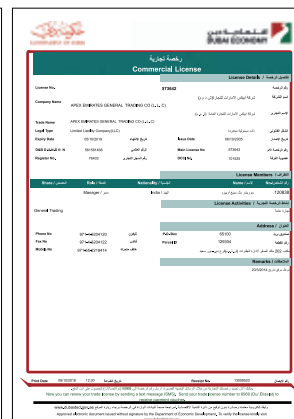
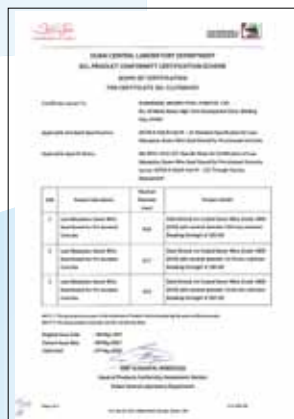
Strand Anchors (Approved by Dubai Central Laboratory)

General Information:

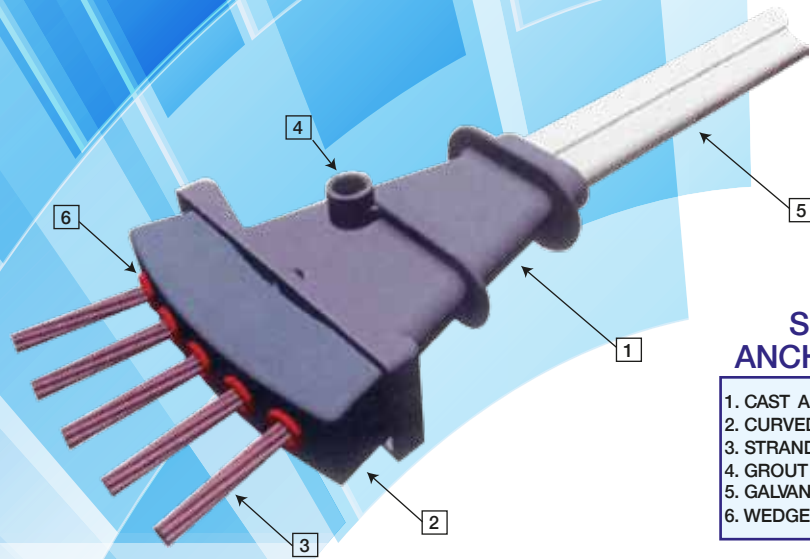
APEX supplying structural reinforcement products to both the Pre-Stressed and Post Tension Industries and the wider construction industry. APEX has been associated with well-established manufacturers across the world to provide sustainable solutions for the ever-growing Middle Eastern construction industry. All products are manufactured to the highest of quality and are accompanied with all relevant mill test certification and technical data with end to end traceability. P.C. Strands are manufactured in accordance to the standard American society for testing and materials ASTM A416/416M.

P.C. Strand wire – ASTM A416/A416M-98 grade 270 with below specifications:

Grade	Nominal Diameter (mm)	Nominal steel area (mm ²)	Nominal weight per 1000 meters (kg)	Minimum breaking load not less than (KN)	Minimum load at 1% extension (KN)	Elongation Not less Than (%)
270	12.70	98.71	775	183.7	165.3	3.5
	15.24	140.00	1102	260.7	234.6	

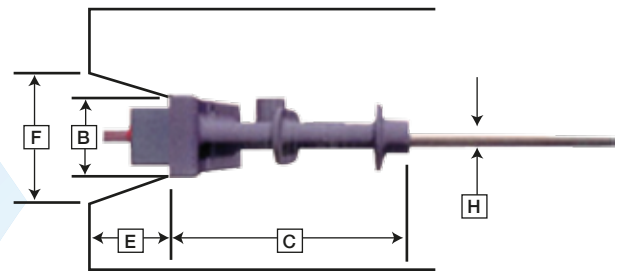
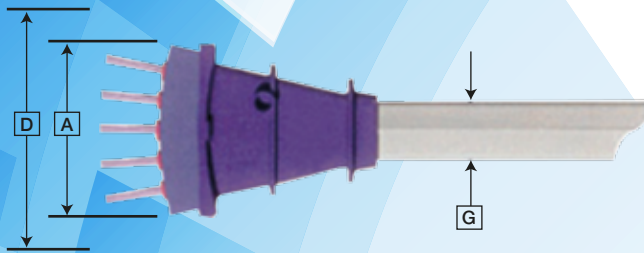


FLAT ANCHORAGE POST TENSIONING SYSTEM



SLAB ANCHORAGE

1. CAST ANCHORAGE
2. CURVED ANCHOR HEAD
3. STRAND
4. GROUT TUBE
5. GALVANIZED DUCT
6. WEDGES



SLAB ANCHORAGE 12.7-12.9

No. Of Strands	1	2	3	4	5	6
A	145	136	136	220	220	262
B	65	75	75	78	78	78
C	95	140	140	220	220	270

RECESS FORMER 12.7 - 12.9

No. Of Strands	1	2	3	4	5	6
D	150	200	200	315	315	320
E	100	100	100	100	100	100
F	100	100	100	100	100	100

DUCT 12.7 - 12.9

No. Of Strands	1	2	3	4	5	6
G	19	43	43	70	70	90
H	19	19	19	19	19	19

SLAB ANCHORAGE 15.2 - 15.7

No. Of Strands	1	2	3	4	5
A	145	136	220	220	262
B	65	75	78	78	78
C	95	140	220	220	270

RECESS FORMER 15.2 - 15.7

No. Of Strands	1	2	3	4	5
D	150	200	315	315	320
E	100	100	100	100	100
F	100	100	100	100	100

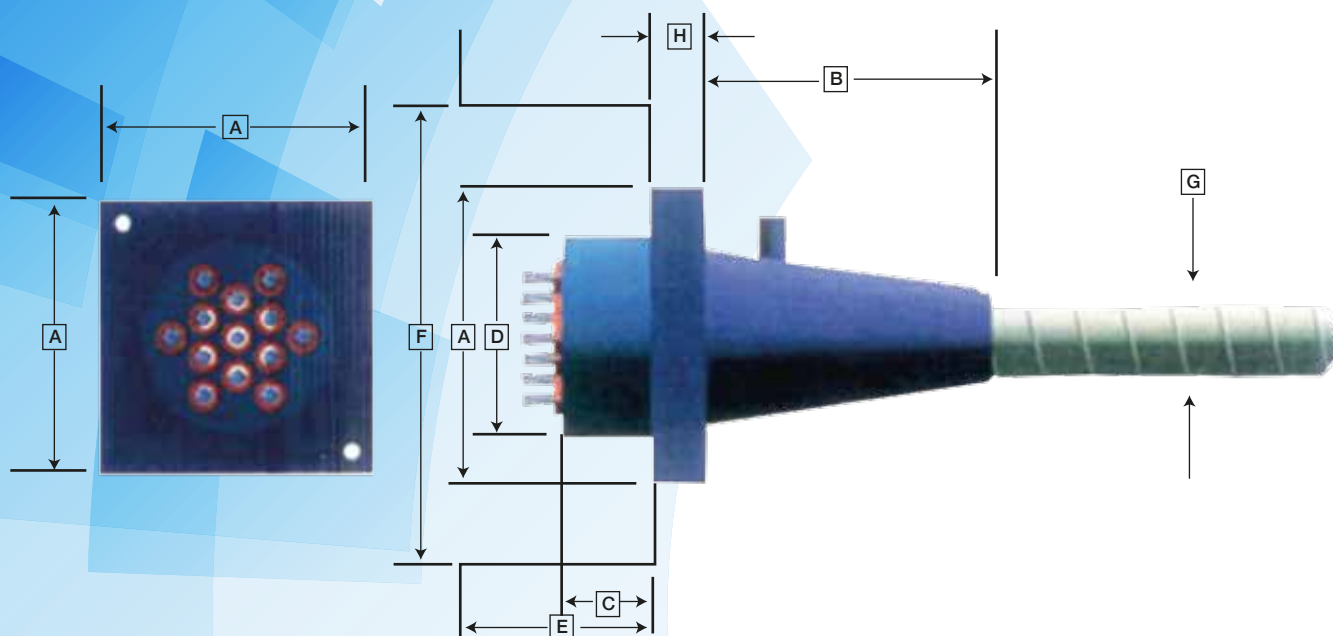
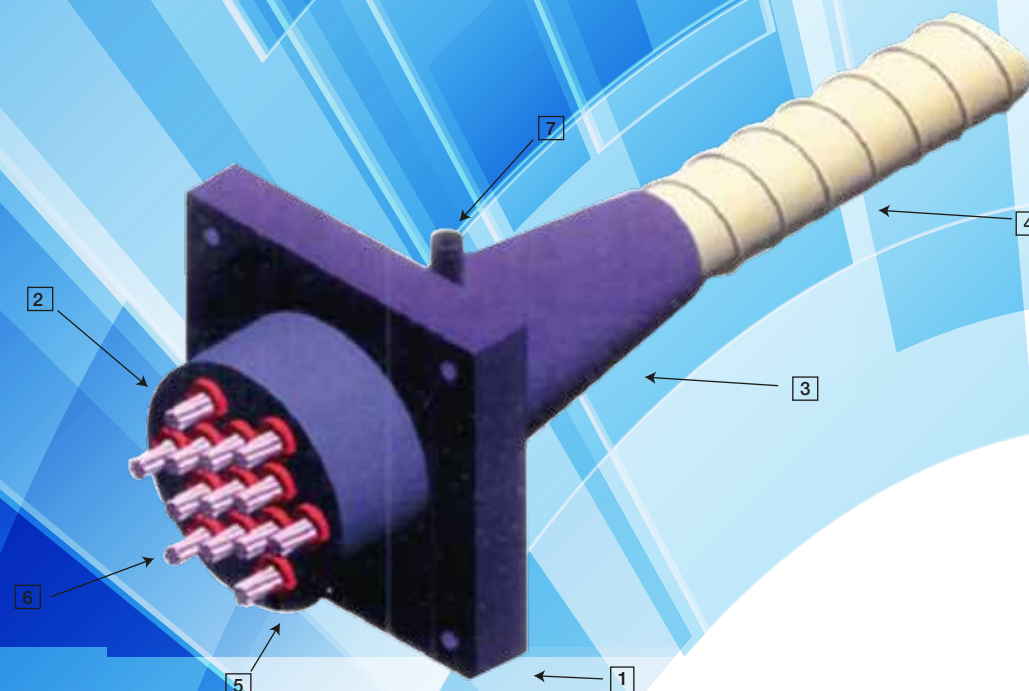
DUCT 15.2 - 15.7

No. Of Strands	1	2	3	4	5
G	19	43	70	70	90
H	19	19	19	19	19

MULTISTRAND ANCHORAGE POST TENSIONING SYSTEM

MULTISTRAND ANCHORAGE

1. BREAKING PLATE
2. STRESSING BLOCK
3. TRUMPET
4. GALVANISED DUCT
5. WEDGE
6. STRAND
7. GROUT TUBE



LIVE END ANCHORAGE 12.7

SMS Tendon Type	A	B	C	D	E	F	G (10)	H
7-5	160	165	50	110	100	250	55	32
13-5	220	250	65	150	115	300	65	36
19-5	270	290	80	180	130	350	84	50
27-5	320	350	100	225	150	400	95	50
31-5	340	350	100	225	150	425	110	60
37-5	380	400	120	260	175	450	110	60
43-5	400	500	145	300	200	475	135	75
55-5	475	600	148	320	200	550	135	80

LIVE END ANCHORAGE 15.2

SMS Tendon Type	A	B	C	D	E	F	G (10)	H
7-6	220	250	65	150	115	300	65	36
13-6	270	290	80	180	130	350	84	50
19-6	340	350	100	225	150	425	110	60
27-6	380	400	125	280	175	450	110	60
31-6	400	400	125	260	200	475	110	75
37-6	475	500	148	300	200	550	135	80
43-6	580	550	145	300	205	475	135	100
55-6	610	650	150	320	210	550	135	120

GROUND ANCHORING ACCESSORIES



Anchor head specification:

SR.	DESCRIPTION	THICKNESS	DIAMETER
1	Anchor head 3 hole	60 mm	115 mm
2	Anchor head 4 hole	60 mm	115 mm
3	Anchor head 5 hole	60 mm	115 mm
4	Anchor head 6 hole	60 mm	135 mm
5	Anchor head 7 hole	60 mm	135 mm
6	Anchor head 8 hole	60 mm	135 mm
7	Anchor head 10 hole	60 mm	157 mm
8	Anchor head 12 hole	60 mm	185 mm
9	Anchor head 16 hole	60 mm	198 mm

Anchor Spacer (Rubber)

SR.	DESCRIPTION	Outer Die	Center Hole Dia
1	Anchor Spacer 3 hole	60 mm	22 mm
2	Anchor Spacer 4 hole	60 mm	22 mm
3	Anchor Spacer 5 hole	60 mm	22 mm
4	Anchor Spacer 6,7 hole	72 mm	22 mm
5	Anchor Spacer 16 hole	110 mm	40 mm

Wedges

Wedges 15.24 & 12.7 mm three piece wedges.

Grouting Pipes

HDPE pipe and LDPE pipes for all sizes

PRODUCTS



**20MM X 50MM
(SMOOTH FLAT DUCT)**



**20MM X 70MM
(SMOOTH FLAT DUCT)**



**20MM X 90MM
(SMOOTH FLAT DUCT)**



**3 STRANDS FLAT
ANCHORAGE &
STRESSING BLOCK**



**5 STRANDS FLAT
ANCHORAGE &
STRESSING BLOCK**



**PP ROUND PLASTIC
DUCT - ALL SIZES**



**PP FLAT PLASTIC
DUCT - ALL SIZES**



**MONO BARRELS
AND WEDGES**



**MULTI STRAND
STRESSING BLOCK
(15.24 MM & 12.7MM)**



CONNECTOR



**25MM - 300MM
(PLASTIC CLIP ON CHAIR)**



MONO STRESSING JACK



MULTI STRESSING JACK

PROJECTS





APEX GROUP OF COMPANIES

Apex Emirates General Trading CO. L.L.C

- ▶ Hydraulic Equipments
- ▶ Dewatering Equipments
- ▶ Anchoring Accessories
- ▶ Post Tensioning Accessories
- ▶ Piling Accessories
- ▶ Rebar Couplers

Apex International Construction & Land Dewatering LLC

Apex Dewatering

- ▶ Deepwell Dewatering System
- ▶ Wellpoint Dewatering

Apex Anchoring

- ▶ Tie-Back Anchoring works
- ▶ Static Compression Pile Load Test using Crown
- ▶ Uplift & Compression Pile Load Test
- ▶ Horizontal Lateral Pile Load Test
- ▶ Anchor Stressing Work
- ▶ Micro Piling
- ▶ Injection Grouting
- ▶ Soilnailing
- ▶ Rockbolt Anchor
- ▶ Shortcrete