

Screw Anchors

Buoyancy Control and Stress Relief



KEYMAY

Pipeline Anchors are an innovative way of providing pipeline buoyancy control. KEYMAY can provide geotechnical data, design, manufacturing and installation.

SCREW ANCHOR MATERIALS APPROXIMATE WEIGHT

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SCREW ANCHOR	38.1 Shaft, 1,829 Long, 205 Helix	32 kg
	38.1 Shaft, 1,829 Long, 305 Helix	34 kg
	38.1 Shaft, 1,829 Long, 406 Helix	45 kg
EXTENSION	38.1 Shaft, 914 Long	13 kg
	38.1 Shaft, 1,829 Long	25 kg
	44.5 Shaft, 914 Long	15 kg
	44.5 Shaft, 1,829 Long	27 kg
COUPLING	38.1 Shaft	3.5 kg
	44.5 Shaft	4 kg
BOLLARD	38.1 Shaft	8 kg
	44.5 Shaft	8 kg

FEATURES

- Belt Strapping
- Variable pipe sizes
- Helical anchoring devices
- Compact and lightweight reducing transportation costs
- Low profile to reduce trench depth
- Load dispersed between anchor points positive retention without overweighting
- We can provide Geotechnical, Design, Manufacturing, Installation

NEW

Wide 609 mm (24") strap for stress relieving is now available

DIMENSIONS					SCREW ANCHOR ASSEMBLY MATERIALS			
NOMINAL PIPE SIZE	UNIT	A SYSTEM WIDTH	B BAR TO PIPE EDGE	C PIPE RADIUS	D SQUARE SHAFT	E HELIX DIAMETER	F BOLT	SUGGESTED NO. OF 1,829 MM/72" LONG EXTENSIONS PER ASSEMBLY FOR ORDERING
10	mm	593	160	137	38.1	203	19.1 x 88.9	2.3
	in	23.3	6.3	5.4	1.5	8	0.75 x 3.5	
12	mm	644	160	162	38.1	203	19.1 x 88.9	2.3
	in	25.4	6.3	6.4	1.5	8	0.75x 3.5	
16	mm	726	160	203	38.1	203	19.1 x 88.9	2.5
	in	28.6	6.3	8	1.5	8	0.75 x 3.5	
20	mm	938	215	254	38.1	305	19.1 x 88.9	2.5
	in	36.9	8.5	10	1.5	12	0.75 x 3.5	
24	mm	1,040	215	305	38.1	305	19.1 x 88.9	3.5
	in	40.9	8.5	12	1.5	12	0.75 x 3.5	
30	mm	1,292	265	381	44.5	406	22.2 x 101.6	4.1
	in	50.9	10.4	15	1.75	16	0.87 x 4	
36	mm	1,444	265	457	44.5	406	22.2 x 101.6	4.3
	in	56.9	10.4	18	1.75	16	0.87 x 4	
42	mm	1,597	265	533	44.5	406	22.2 x 101.6	4.5
	in	62.9	10.4	21	1.75	16	0.87 x 4	
48	mm	1,749	265	610	44.5	406	22.2 x 101.6	4.5
	in	68.9	10.4	24	1.75	16	0.87 x 4	

* Installation depth and required number of extensions will vary with soil conditions

