

Coluna Octogonal - Série ST

Constitution

Truncated pyramidal octagonal section with lengths up to 12 meters.

Materials

Steel S235JR with specifications according to NP10025 with chemical properties suitable for hot dip galvanizing.

Welding

MIG-MAG process with addition of material, according to AWS, specification A5.18, classification E.705.6. Procedure qualified by I.S.Q..

Galvanizing

Interior and exterior hot dip galvanizing, according to the standard ISO 1459, ISO 1460 e ISO 1461.

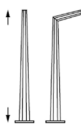

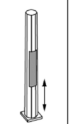
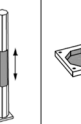
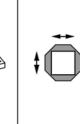
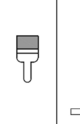
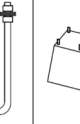
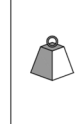


Sizing

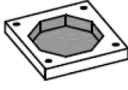
Verification of mechanical behavior using finite element analysis. For action caused by the wind when it reaches a speed of 180Km / h, according to E.N.40.

Opções

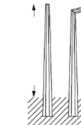
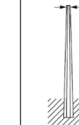



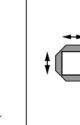
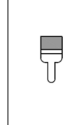

- Possibility of fixing type arm ST-B1, ST-B2, ST-B3 e ST-B4;
- Possibility of adaptation for projectors;
- Possibility of any RAL of choice, as requested.

Octagonal Flange Column

Série STF										
Código	m	mm	mm	mm	Tipo	mm	m ²	Tipo	Tipo	Kg
STF-3000	3	60	500	500	A	80x80	1,0	M16	M1	25
STF-4000	4	60	500	500	A	85x85	1,3	M16	M1	33
STF-5000	5	60	500	500	A	85x85	1,5	M16	M1	39
STF-6000	6	60	500	500	A	85x85	1,7	M16	M1	44
STF-7000	7	60	500	500	B	95x95	2,2	M20	M3	61
STF-8000	8	60	500	500	B	100x100	2,8	M20	M3	74
STF-9000	9	60	500	500	B	115x115	3,3	M20	M3	85
STF-10000	10	60	500	500	B	130x130	4,1	M20	M3	106
STF-12000	12	60	500	500	B	150x150	5,5	M20	M4	138

TIPO DE FLANGE		D	d
	Tipo A	300	200
	Tipo B	400	300

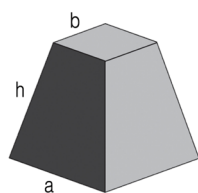
Octagonal Burial Column

Série STE								
Código	m	mm	mm	mm	mm	mm	m ²	Kg
STE-3000	3	60	800	500	500	80x80	1,0	33
STE-4000	4	60	800	500	500	85x85	1,3	39
STE-5000	5	60	1000	500	500	85x85	1,5	47
STE-6000	6	60	1000	500	500	85x85	1,7	51
STE-7000	7	60	1000	500	500	95x95	2,2	63
STE-8000	8	60	1200	500	500	100x100	2,8	81
STE-9000	9	60	1200	500	500	115x115	3,3	93
STE-10000	10	60	1500	500	500	130x130	4,1	120
STE-12000	12	60	1700	500	500	150x150	5,5	161

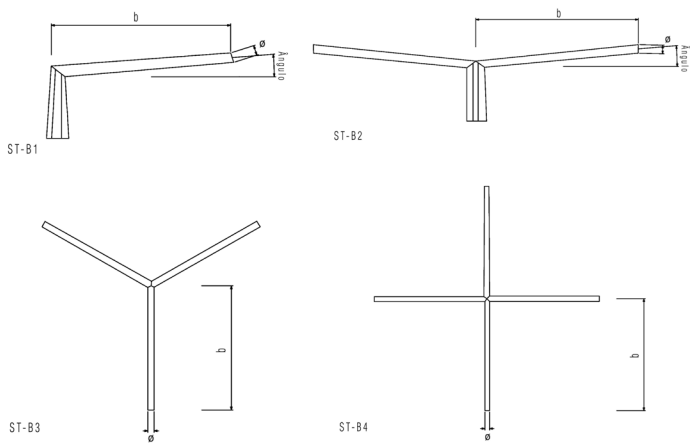
PROFUNDIDADE DE ENTERRAMENTO	
	<ul style="list-style-type: none"> • < 4m 800 mm • 5m - 7m 1000 mm • 8m - 9m 1200 mm • 10m 1500 mm • 12m 1700 mm

Mass for Octagonal Columns

H.COLUMN H.COLUMNA	MACIÇO BLOCK	A	B	H	PESO WEIGHT
m	código	mm	mm	mm	kg
$h \leq 6$	M1	600	400	600	300
$6 < h \leq 10$	M3	700	500	900	650
$10 < h \leq 12$	M4	700	500	1000	750



Arms - ST Series



Códigos	a (mm)	b (mm)	ângulo	Ø (mm)
ST-B1	400	750/1000/1250	0º/5º/10º15º	60
ST-B2	400	750/1000/1250	0º/5º/10º15º	60
ST-B3	400	750/1000/1250	0º/5º/10º15º	60
ST-B4	400	750/1000/1250	0º/5º/10º15º	60

