

## Products / Flag poles



### STEPPED

Stepped poles, made from welded pipe to standard UNI EN 10219, transversal arc welded on the step points according to a process executed in accordance the Italian Institute of Welding". Manufactured in steel S235JRH – UNI EN 10219, hot dip galvanized in accordance with UNI EN ISO 1461 Supplied with pulleys, polyester rope and hooks for fixing the flag.

**Dimension tolerances:** UNI EN 40 part 2

#### References for calculation:

D.M. 9 January 1996

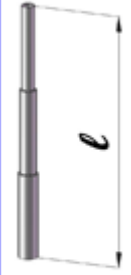





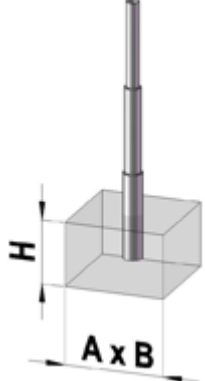
D.M. 16 January 1996

Circolare Min. LLPP 15 October 96 n° 252

Circolare Min. LLPP 4 July 1996 n° 156

CNR 10011/97

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<b>TYPE</b>	m	m	mm	mm	kg	m <sup>2</sup>	m x m x m
<b>AL 05R</b>	5	0.5	89	60	29	1.20	1.00 x 1.00 x 0.6
<b>AL 06R</b>	6	0.5	102	60	38	1.58	1.10 x 1.10 x 0.6
<b>AL 07R</b>	6.8	0.8	114	60	53	2.16	1.05 x 1.05 x 0.9
<b>AL 08R</b>	7.8	0.8	127	76	64	2.63	1.15 x 1.15 x 0.9
<b>AL 09R</b>	8.8	0.8	139	76	75	3.06	1.20 x 1.20 x 0.9
<b>AL 10R</b>	9.8	0.8	139	76	85	3.46	1.20 x 1.20 x 0.9
<b>AL 11R</b>	10.8	0.8	139	76	90	3.70	1.20 x 1.20 x 0.9

Dimensions of plinth foundations are indicative and they do not imply any responsibilities for NCM. Final dimensions will have to be verified and approved by Building Director according to ground conditions.

Hypothetized ground resistance: 1 kg/cm<sup>2</sup>

## CONICAL

Conical poles with circular section, S235 JR UNI EN 10025 folded sheet steel welded lengthwise executed in accordance with the process certified by the "Italian Institute of Welding". Hot dip galvanized in accordance with UNI EN ISO 1461 standard. The poles are supplied with pulleys, polyester rope and hooks for fixing the flag.

**Dimension tolerances:** UNI EN 40 part 2

### References for calculation:

D.M. 9 January 1996

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<b>TYPE</b>	m	m	mm	mm	kg	m <sup>2</sup>	m x m x m
<b>AL 05C</b>	5	0.5	110	60	32	1.34	1.05 x 1.05 x 0.6
<b>AL 06C</b>	6	0.5	120	60	41	1.70	1.10 x 1.10 x 0.6
<b>AL 07C</b>	6.8	0.8	128	60	48	2.01	1.05 x 1.05 x 0.9
<b>AL 08C</b>	7.8	0.8	138	60	59	2.43	1.10 x 1.10 x 0.9
<b>AL 09C</b>	8.8	0.8	148	60	69	2.88	1.15 x 1.15 x 0.9
<b>AL 10C</b>	9.8	0.8	158	60	81	3.36	1.20 x 1.20 x 0.9
<b>AL11C</b>	10.8	0.8	168	60	93	3.87	1.25 x 1.25 x 0.9

Dimensions of plinth foundations are indicative and they do not imply any responsibilities for NCM. Final dimensions will have to be verified and approved by Building Director according to ground conditions.

Hypothotized ground resistance: 1 kg/cm<sup>2</sup>

#### **N.C.M. S.r.l. - Poles and high masts for lighting**