


**GROWER TWIN-LOCK® LARGE SERIES**
**STEEL 27CrMnB5 EN 683-2**

DIMENSIONS AND FEATURES					PACKAGING	
For screws of	d min.-max.	D min.-max.	h pair min.-max.	Kg/1000 pieces	N° of pcs standard packaging	N° of pcs bulk packaging
M 6.0	6.40-6.60	13.30-13.70	2.25-2.63	2.00	200	5.000
1/4"	7.10-7.30	13.30-13.70	2.25-2.63	1.80	200	6.000
M 8.0	8.60-8.80	16.40-16.80	2.25-2.63	2.90	200	3.250
3/8"	10.10-10.50	20.80-21.20	2.25-2.63	4.70	200	2.250
M 10.0	10.50-10.90	20.80-21.20	2.25-2.63	4.65	200	2.000
M 12.0	12.80-13.20	25.20-25.60	3.15-3.53	9.10	100	1.300
1/2"	13.30-13.70	25.20-25.60	3.15-3.53	9.00	100	1.100
M 14.0	15.00-15.40	30.50-30.90	3.15-3.53	14.00	100	650
M 16.0	16.80-17.20	30.50-30.90	3.15-3.53	12.70	100	650
M 18.0	19.30-19.70	34.30-34.70	3.15-3.53	15.50	100	500
3/4"	19.80-20.20	38.80-39.20	3.15-3.53	22.00	100	400
M 20.0	21.20-21.60	38.80-39.20	3.15-3.53	20.40	100	500

Dimensions in mm

**Technical details:**

Hardness: 485 - 540 Hv10.

 Chemical analysis of raw material:  
 see table.

General applications in non aggressive environments and with low temperature.

**Anticorrosion surface covering:**

Delta Protekt® KL100+VH302 GZ.

**Features and specific use:**

Securing system ideal in the presence of vibrations or dynamic loads.

These washers are supplied glued in pairs.

The large series is ideal for varnished surfaces and soft materials.