

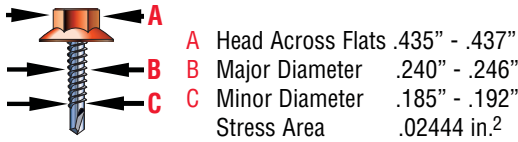


# MASTER NYLON HEADED FASTENERS

## TECHNICAL DATA

### 1/4-14 FLEXIBLE FLANGE CARBON STEEL SELF-DRILLING

#### DIMENSIONAL PROPERTIES



#### STANDARD MECHANICAL REQUIREMENTS

FOR LELAND AVERAGE VALUES SEE PAGE 23

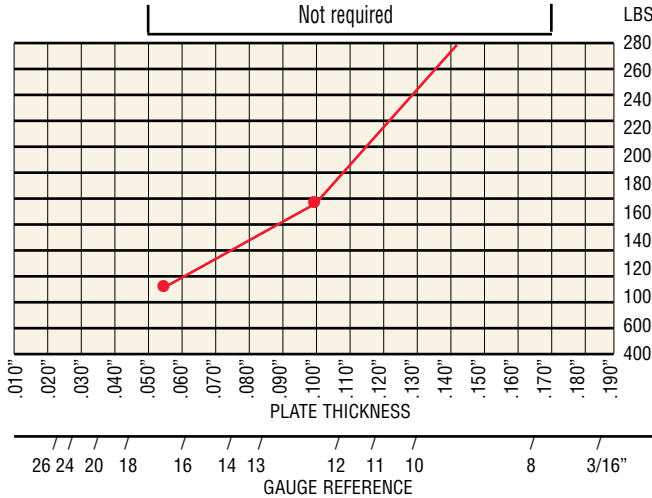
Minimum Tensile Strength	4300 lbs.
Minimum Torsional Strength	156 in.-lbs.
Minimum Shear Strength	2580 lbs.

#### PULL-OUT STRENGTH

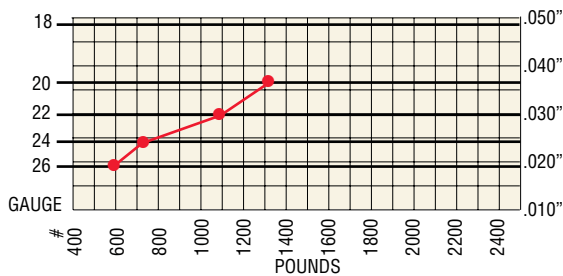
Expected pull-out strength from lab test per specified test plate thickness (70-85 R<sub>p</sub>)

#### SUGGESTED PRE-DRILL

Not required

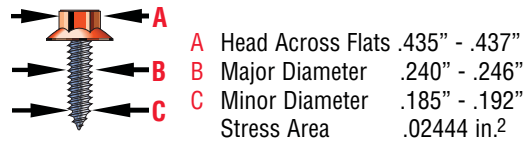


#### PULL-OVER STRENGTH



### 14-14 AB FLEXIBLE FLANGE CARBON STEEL SELF TAPPING

#### DIMENSIONAL PROPERTIES



#### STANDARD MECHANICAL REQUIREMENTS

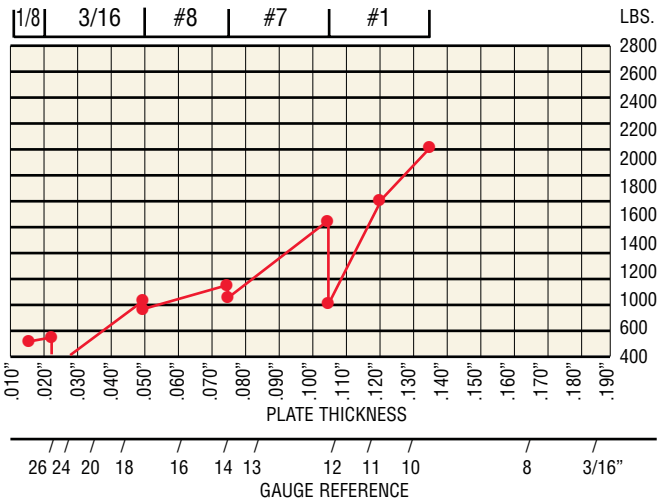
FOR LELAND AVERAGE VALUES SEE PAGE 23

Minimum Tensile Strength	4300 lbs.
Minimum Torsional Strength	156 in.-lbs.
Minimum Shear Strength	2580 lbs.

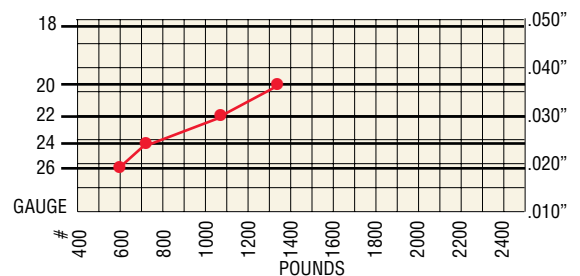
#### PULL-OUT STRENGTH

Expected pull-out strength from lab test per specified test plate thickness (70-85 R<sub>p</sub>)

#### SUGGESTED PRE-DRILL



#### PULL-OVER STRENGTH



**SHEAR STRENGTH - SEE INSIDE BACK COVER**

All test results and suggestions are based on laboratory tests. Specific job site conditions should be taken into consideration when specifying the proper fastener. Because applications vary, we assume no liability for use of this information.

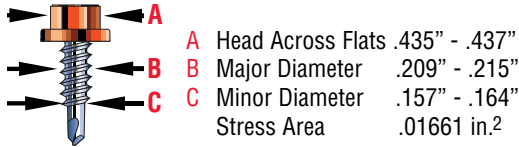


# MASTER NYLON HEADED FASTENERS

## TECHNICAL DATA

### 12-14 RIGID COLLAR CARBON STEEL SELF-DRILLING

#### DIMENSIONAL PROPERTIES



#### STANDARD MECHANICAL REQUIREMENTS

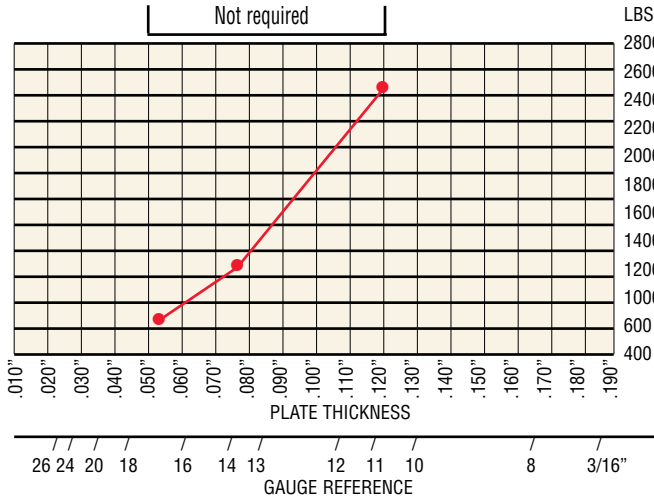
FOR LELAND AVERAGE VALUES SEE PAGE 23

Minimum Tensile Strength	3500 lbs.
Minimum Torsional Strength	88 in.-lbs.
Minimum Shear Strength	2100 lbs.

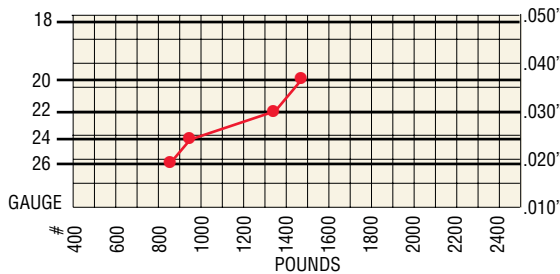
#### PULL-OUT STRENGTH

Expected pull-out strength from lab test per specified test plate thickness (70-85 R<sub>b</sub>)

SUGGESTED PRE-DRILL  
Not required

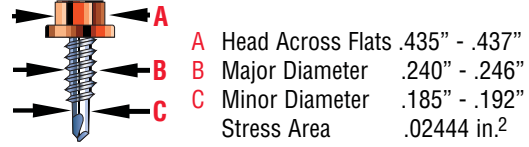


#### PULL-OVER STRENGTH



### 1/4-14 RIGID COLLAR CARBON STEEL SELF DRILLING

#### DIMENSIONAL PROPERTIES



#### STANDARD MECHANICAL REQUIREMENTS

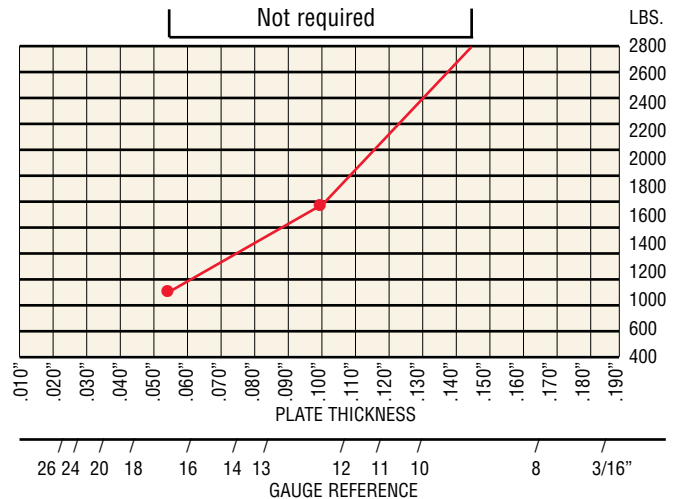
FOR LELAND AVERAGE VALUES SEE PAGE 23

Minimum Tensile Strength	4300 lbs.
Minimum Torsional Strength	156 in.-lbs.
Minimum Shear Strength	2580 lbs.

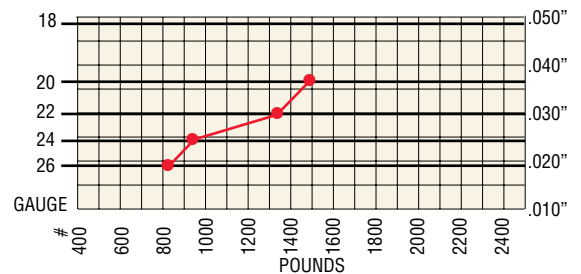
#### PULL-OUT STRENGTH

Expected pull-out strength from lab test per specified test plate thickness (70-85 R<sub>b</sub>)

SUGGESTED PRE-DRILL  
Not required



#### PULL-OVER STRENGTH



**SHEAR STRENGTH - SEE INSIDE BACK COVER**

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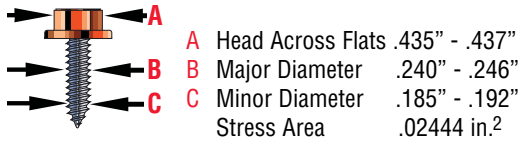


# MASTER NYLON HEADED FASTENERS

## TECHNICAL DATA

### 14-14 AB RIGID COLLAR CARBON STEEL SELF-TAPPING

#### DIMENSIONAL PROPERTIES



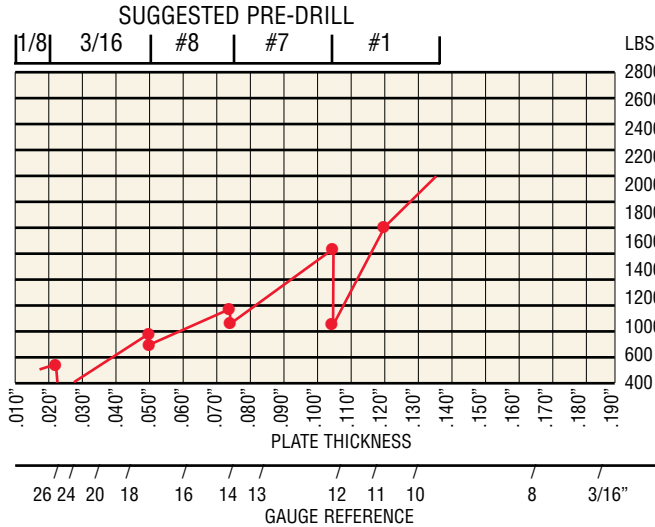
#### STANDARD MECHANICAL REQUIREMENTS

FOR LELAND AVERAGE VALUES SEE PAGE 23

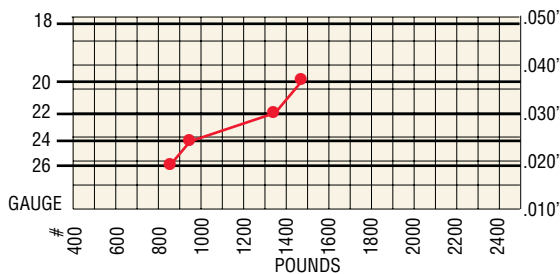
Minimum Tensile Strength	4300 lbs.
Minimum Torsional Strength	156 in.-lbs.
Minimum Shear Strength	2580 lbs.

#### PULL-OUT STRENGTH

Expected pull-out strength from lab test per specified test plate thickness (70-85 R<sub>b</sub>)

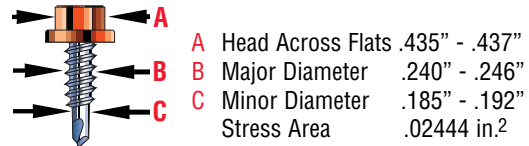


#### PULL-OVER STRENGTH



### 14-14 RIGID COLLAR LAP STITCH SELF-DRILLING

#### DIMENSIONAL PROPERTIES



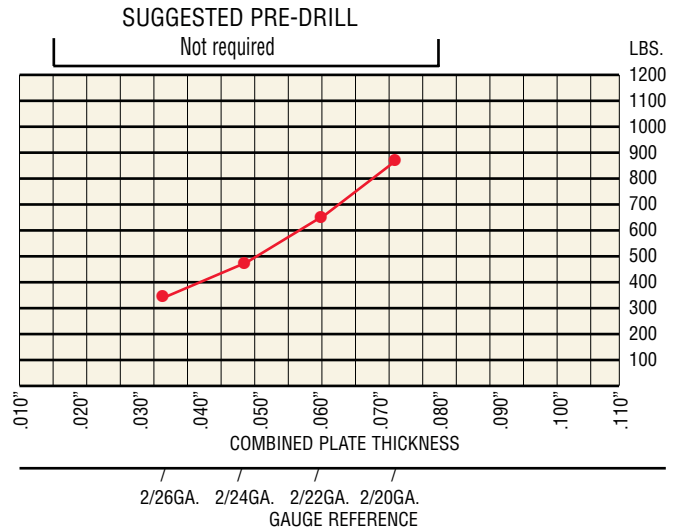
#### MECHANICAL PROPERTIES

FOR LELAND AVERAGE VALUES SEE PAGE 23

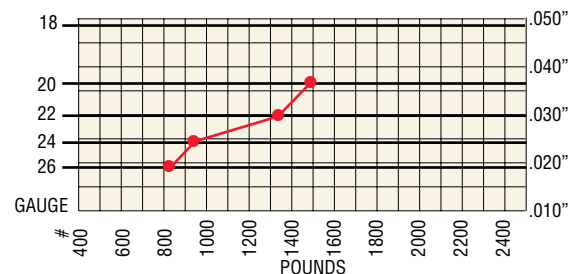
Minimum Tensile Strength	4300 lbs.
Minimum Torsional Strength	156 in.-lbs.
Minimum Shear Strength	2580 lbs.

#### PULL-OUT STRENGTH

Expected pull-out strength from lab test per specified test plate thickness (70-85 R<sub>b</sub>)



#### PULL-OVER STRENGTH



**SHEAR STRENGTH - SEE INSIDE BACK COVER**

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