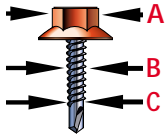




MASTER NYLON HEADED FASTENERS™ TECHNICAL DATA

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

DIMENSIONAL PROPERTIES



A	Head Across Flats	.435" - .437"
B	Major Diameter	.240" - .246"
C	Minor Diameter	.185" - .192"
	Stress Area	.02444 in. ²

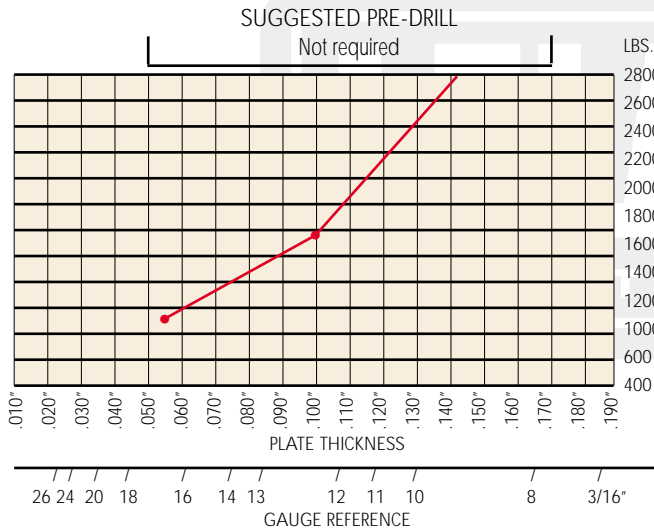
STANDARD MECHANICAL REQUIREMENTS

FOR LELAND AVERAGE VALUES SEE PAGE 23

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

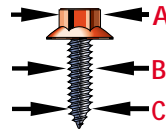
PULL-OUT STRENGTH

Expected pull-out strength from lab test per specified test plate thickness (70-85 R_B)



14-14 AB FLEXIBLE FLANGE CARBON STEEL SELF TAPPING

DIMENSIONAL PROPERTIES



A	Head Across Flats	.435" - .437"
B	Major Diameter	.240" - .246"
C	Minor Diameter	.185" - .192"
	Stress Area	.02444 in. ²

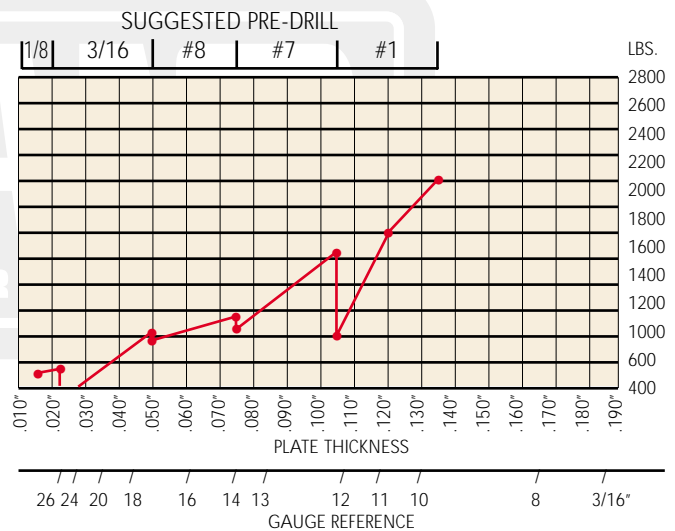
STANDARD MECHANICAL REQUIREMENTS

FOR LELAND AVERAGE VALUES SEE PAGE 23

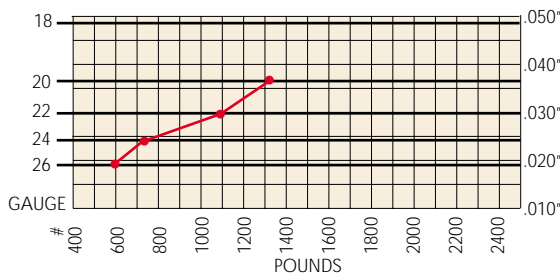
Minimum Tensile Strength	4300 lbs.
Minimum Torsional Strength	156 in.-lbs.
Minimum Shear Strength	2580 lbs.

PULL-OUT STRENGTH

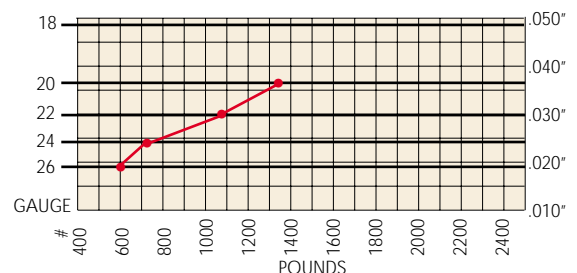
Expected pull-out strength from lab test per specified test plate thickness (70-85 R_B)



PULL-OVER STRENGTH



PULL-OVER STRENGTH



SHEAR STRENGTH - SEE INSIDE BACK COVER

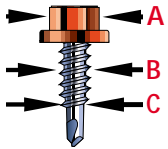
All test results and suggestions are based on laboratory tests. Specific job site conditions should be taken into consideration when specifying the proper fastener. Because applications vary, we assume no liability for use of this information.



MASTER NYLON HEADED FASTENERS™ TECHNICAL DATA

12-14 RIGID COLLAR CARBON STEEL SELF-DRILLING

DIMENSIONAL PROPERTIES



A	Head Across Flats	.435" - .437"
B	Major Diameter	.209" - .215"
C	Minor Diameter	.157" - .164"
	Stress Area	.01661 in. ²

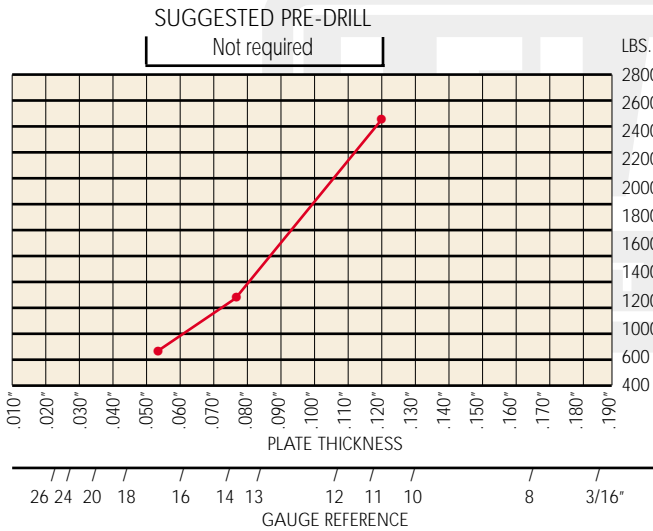
STANDARD MECHANICAL REQUIREMENTS

FOR LELAND AVERAGE VALUES SEE PAGE 23

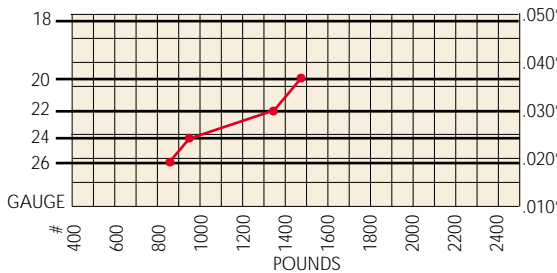
Minimum Tensile Strength	3500 lbs.
Minimum Torsional Strength	88 in.-lbs.
Minimum Shear Strength	2100 lbs.

PULL-OUT STRENGTH

Expected pull-out strength from lab test per specified test plate thickness (70-85 R_B)

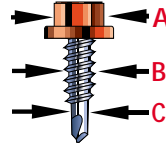


PULL-OVER STRENGTH



1/4-14 RIGID COLLAR CARBON STEEL SELF DRILLING

DIMENSIONAL PROPERTIES



A	Head Across Flats	.435" - .437"
B	Major Diameter	.240" - .246"
C	Minor Diameter	.185" - .192"
	Stress Area	.02444 in. ²

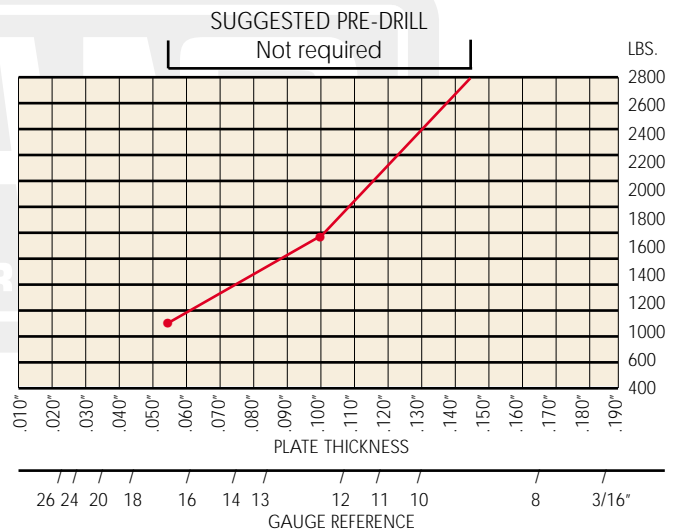
STANDARD MECHANICAL REQUIREMENTS

FOR LELAND AVERAGE VALUES SEE PAGE 23

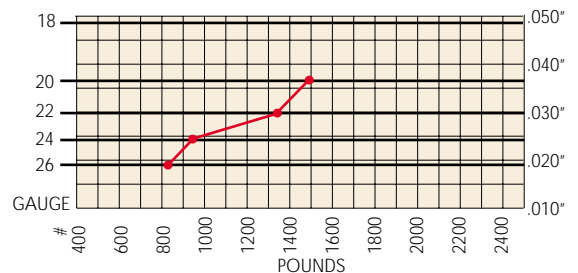
Minimum Tensile Strength	4300 lbs.
Minimum Torsional Strength	156 in.-lbs.
Minimum Shear Strength	2580 lbs.

PULL-OUT STRENGTH

Expected pull-out strength from lab test per specified test plate thickness (70-85 R_B)



PULL-OVER STRENGTH



SHEAR STRENGTH - SEE INSIDE BACK COVER

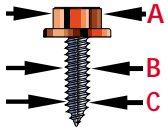
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MASTER NYLON HEADED FASTENERS™ TECHNICAL DATA

14-14 AB RIGID COLLAR CARBON STEEL SELF-TAPPING

DIMENSIONAL PROPERTIES



A	Head Across Flats	.435" - .437"
B	Major Diameter	.240" - .246"
C	Minor Diameter	.185" - .192"
	Stress Area	.02444 in. ²

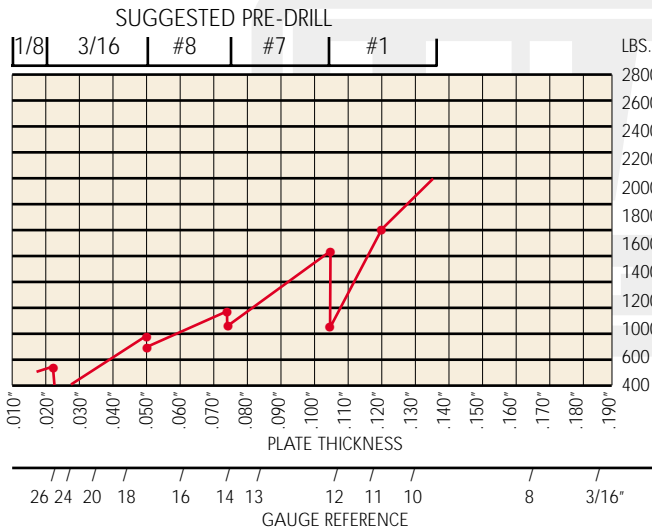
STANDARD MECHANICAL REQUIREMENTS

FOR LELAND AVERAGE VALUES SEE PAGE 23

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

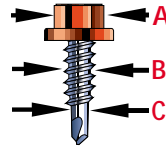
PULL-OUT STRENGTH

Expected pull-out strength from lab test per specified test plate thickness (70-85 R_B)



14-14 RIGID COLLAR LAP STITCH SELF-DRILLING

DIMENSIONAL PROPERTIES



A	Head Across Flats	.435" - .437"
B	Major Diameter	.240" - .246"
C	Minor Diameter	.185" - .192"
	Stress Area	.02444 in. ²

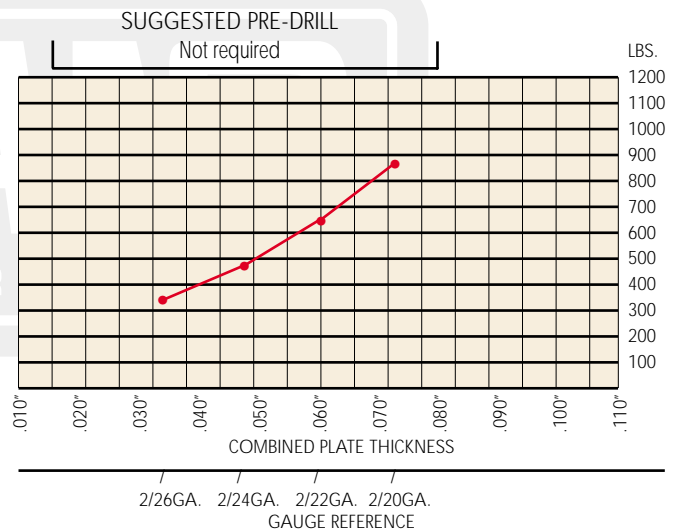
MECHANICAL PROPERTIES

FOR LELAND AVERAGE VALUES SEE PAGE 23

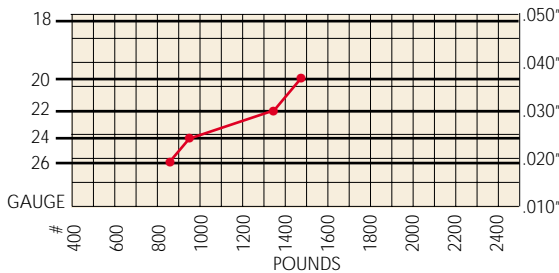
Minimum Tensile Strength	4300 lbs.
Minimum Torsional Strength	156 in.-lbs.
Minimum Shear Strength	2580 lbs.

PULL-OUT STRENGTH

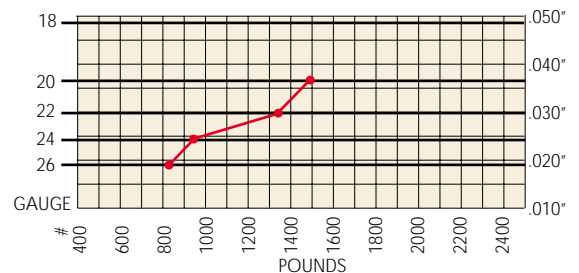
Expected pull-out strength from lab test per specified test plate thickness (70-85 R_B)



PULL-OVER STRENGTH



PULL-OVER STRENGTH



SHEAR STRENGTH - SEE INSIDE BACK COVER

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