

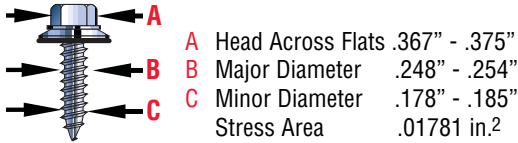


MASTER TAPPERS®

TECHNICAL DATA

14-10 A CARBON STEEL SELF-TAPPING

DIMENSIONAL PROPERTIES



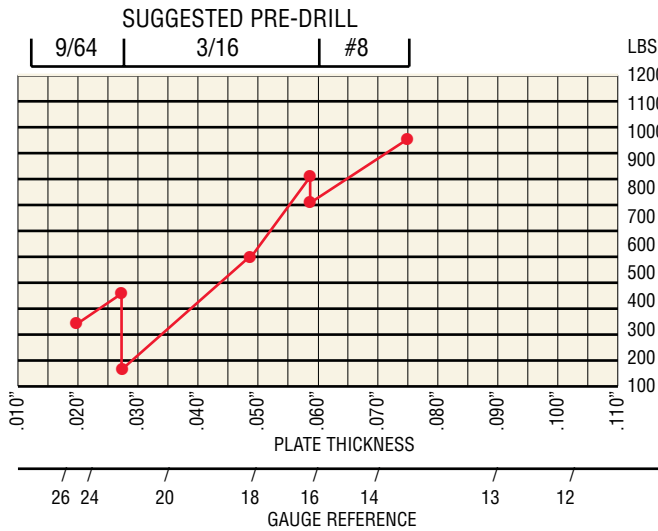
STANDARD MECHANICAL REQUIREMENTS

FOR LELAND AVERAGE VALUES SEE PAGE 23

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

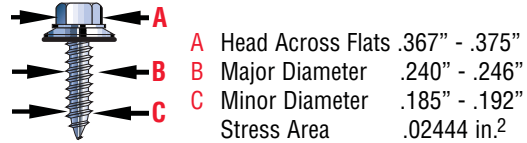
PULL-OUT STRENGTH

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



14-14 AB CARBON STEEL SELF-TAPPING

DIMENSIONAL PROPERTIES



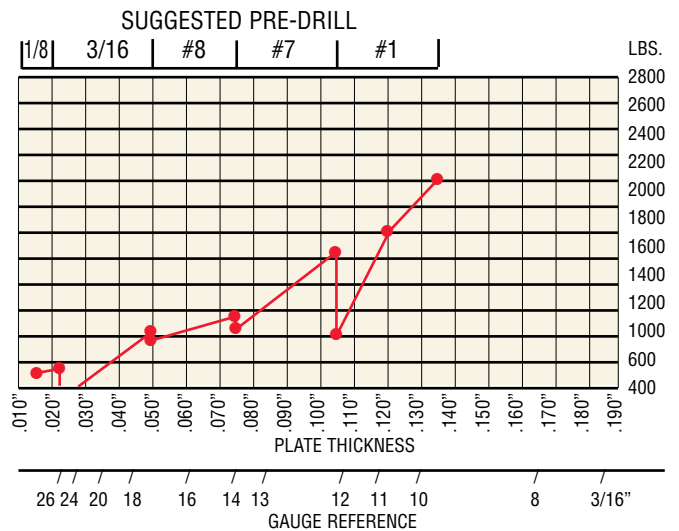
STANDARD MECHANICAL REQUIREMENTS

FOR LELAND AVERAGE VALUES SEE PAGE 23

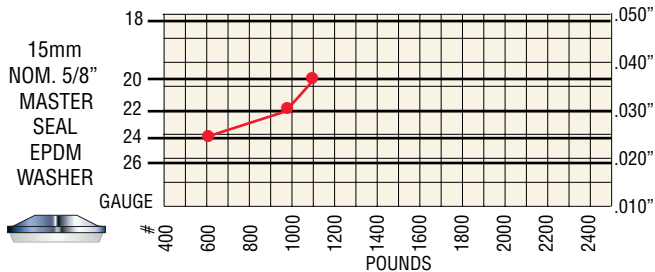
Minimum Tensile Strength	4300 lbs.
Minimum Torsional Strength	156 in.-lbs.
Minimum Shear Strength	2580 lbs.

PULL-OUT STRENGTH

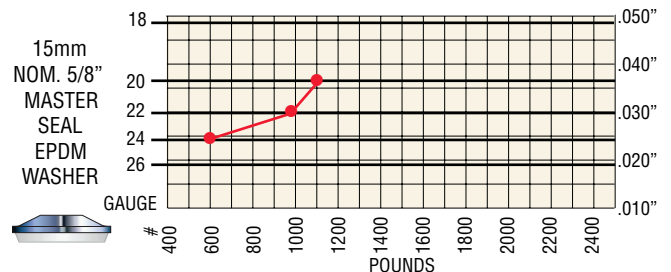
Expected pull-out strength from lab test per specified test plate thickness (70-85 R_p)



PULL-OVER STRENGTH



PULL-OVER STRENGTH



SHEAR STRENGTH - SEE INSIDE BACK COVER

Master Seal is a registered trademark of Aztec Washer Company, Inc.
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.

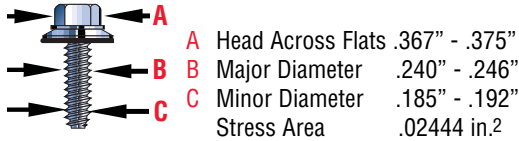


MASTER TAPPERS®

TECHNICAL DATA

14-14 B CARBON STEEL SELF-TAPPING

DIMENSIONAL PROPERTIES



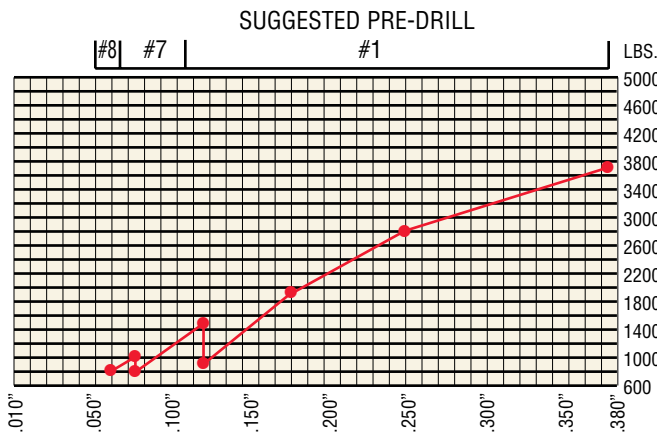
STANDARD MECHANICAL REQUIREMENTS

FOR LELAND AVERAGE VALUES SEE PAGE 23

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

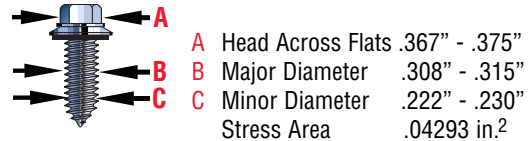
PULL-OUT STRENGTH

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



17-12 AB CARBON STEEL SELF-TAPPING

DIMENSIONAL PROPERTIES



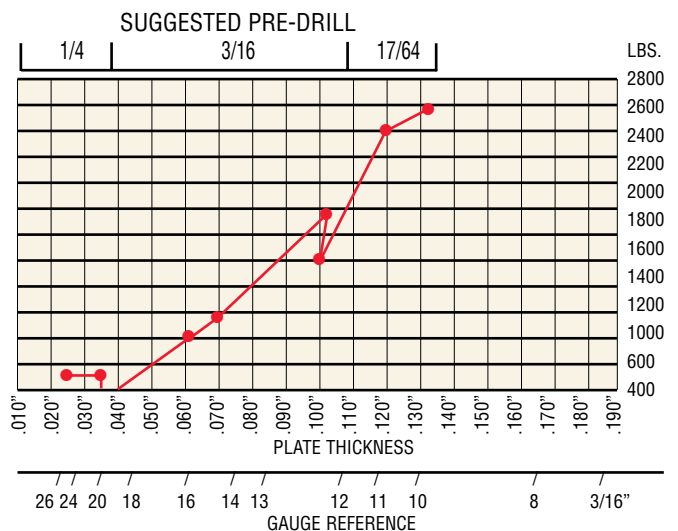
STANDARD MECHANICAL REQUIREMENTS

FOR LELAND AVERAGE VALUES SEE PAGE 23

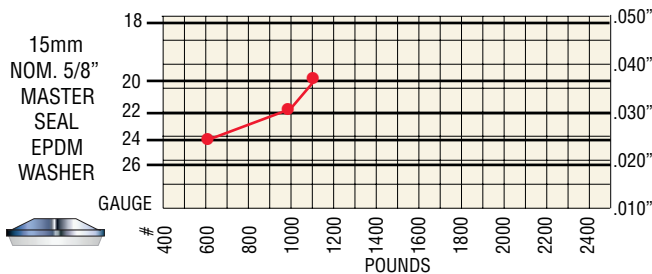
Minimum Tensile Strength	5200 lbs.
Minimum Torsional Strength	170 in.-lbs.
Minimum Shear Strength	3120 lbs.

PULL-OUT STRENGTH

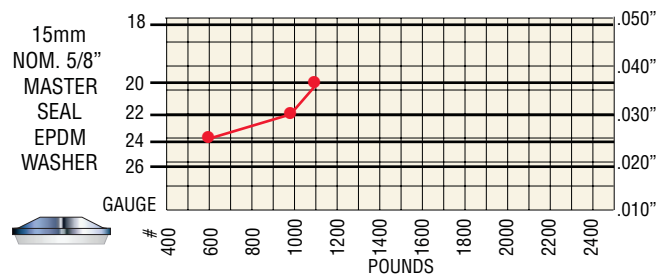
Expected pull-out strength from lab test per specified test plate thickness (70-85 R_b)



PULL-OVER STRENGTH



PULL-OVER STRENGTH



SHEAR STRENGTH - SEE INSIDE BACK COVER

Master Seal is a registered trademark of Aztec Washer Company, Inc.
 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.

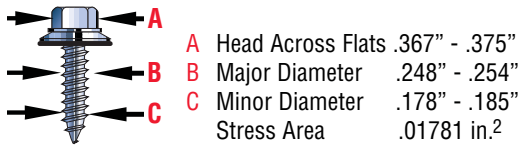


MASTER TAPPERS®

TECHNICAL DATA

14-10 304 HT3* STAINLESS SELF-TAPPING

DIMENSIONAL PROPERTIES



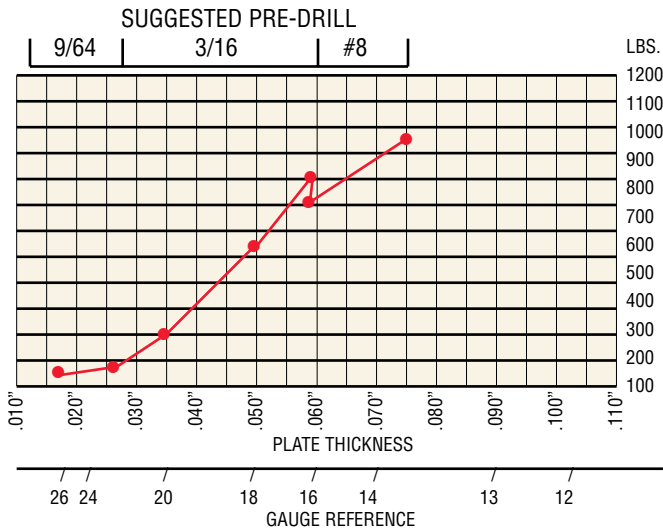
STANDARD MECHANICAL REQUIREMENTS

FOR LELAND AVERAGE VALUES SEE PAGE 23

	304 Stainless
Minimum Tensile Strength	3000 lbs.
Minimum Torsional Strength	65 in.-lbs.
Minimum Shear Strength	1800 lbs.

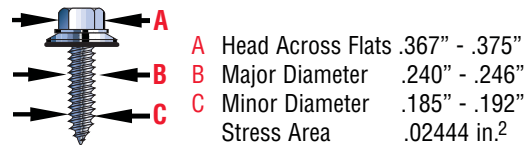
PULL-OUT STRENGTH

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



14-14 AB 304 HT3* STAINLESS SELF-TAPPING

DIMENSIONAL PROPERTIES



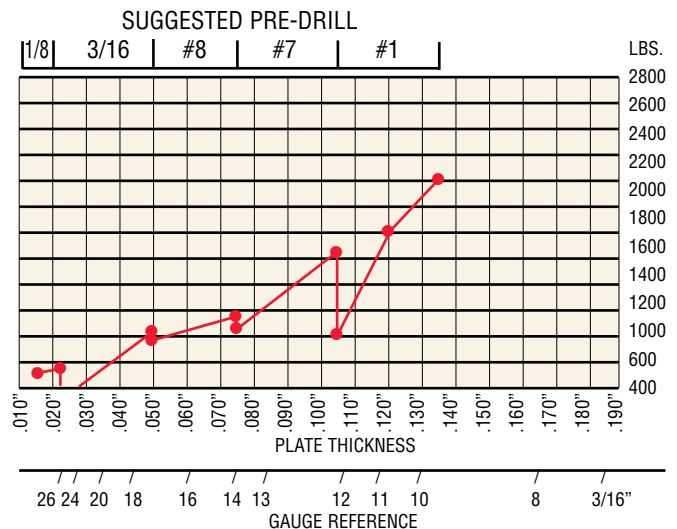
STANDARD MECHANICAL REQUIREMENTS

FOR LELAND AVERAGE VALUES SEE PAGE 23

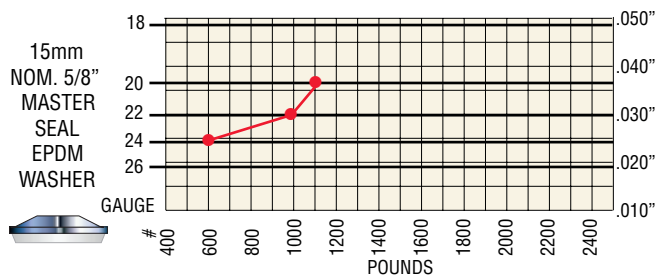
	304 Stainless
Minimum Tensile Strength	3000 lbs.
Minimum Torsional Strength	65 in.-lbs.
Minimum Shear Strength	1800 lbs.

PULL-OUT STRENGTH

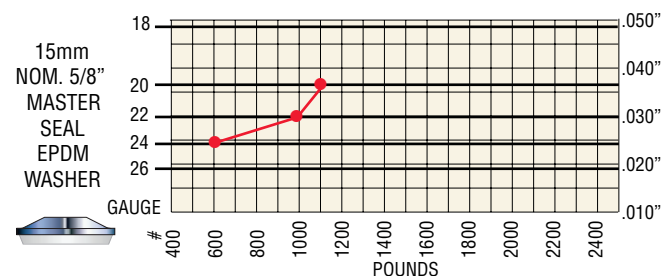
Expected pull-out strength from lab test per specified test plate thickness (70-85 R_b)



PULL-OVER STRENGTH



PULL-OVER STRENGTH



SHEAR STRENGTH - SEE INSIDE BACK COVER

*** HT = HIGH TENSILE - FOR STRUCTURAL STEEL**

Master Seal is a registered trademark of Aztec Washer Company, Inc.
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.

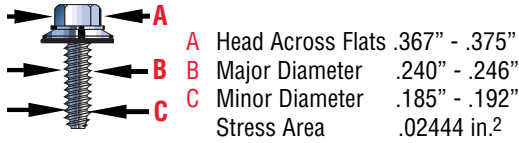


MASTER TAPPERS®

TECHNICAL DATA

14-14 B 304 HT3* STAINLESS SELF-TAPPING

DIMENSIONAL PROPERTIES

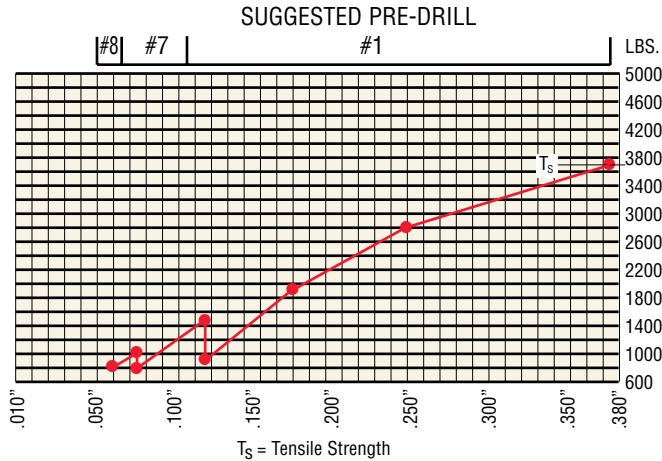


STANDARD MECHANICAL REQUIREMENTS

FOR LELAND AVERAGE VALUES SEE PAGE 23		304 Stainless
Minimum Tensile Strength		3000 lbs.
Minimum Torsional Strength		65 in.-lbs.
Minimum Shear Strength		1800 lbs.

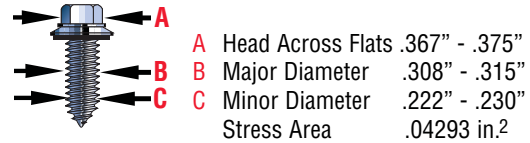
PULL-OUT STRENGTH

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



17-12 AB 304 HT3* STAINLESS STEEL SELF-TAPPING

DIMENSIONAL PROPERTIES

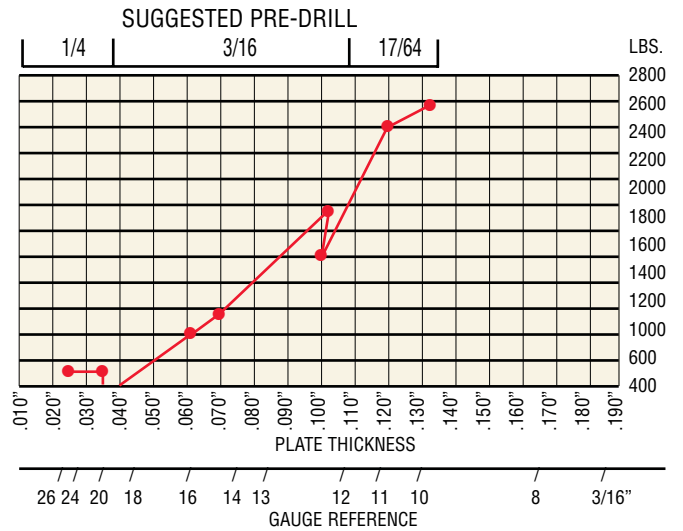


STANDARD MECHANICAL REQUIREMENTS

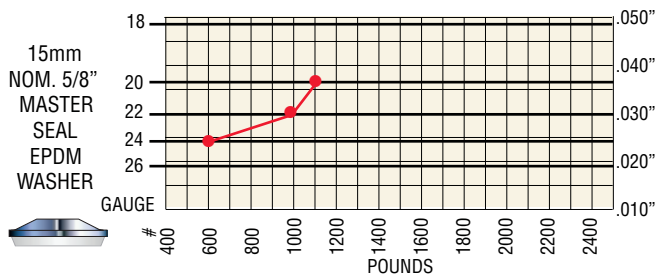
FOR LELAND AVERAGE VALUES SEE PAGE 23		304 Stainless
Minimum Tensile Strength		4630 lbs.
Minimum Torsional Strength		85 in.-lbs.
Minimum Shear Strength		2780 lbs.

PULL-OUT STRENGTH

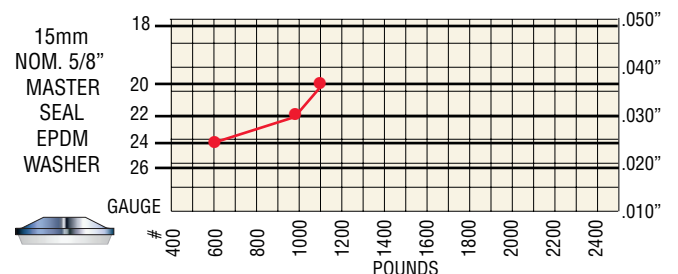
Expected pull-out strength from lab test per specified test plate thickness (70-85 R_b)



PULL-OVER STRENGTH



PULL-OVER STRENGTH



SHEAR STRENGTH - SEE INSIDE BACK COVER

*** HT = HIGH TENSILE - FOR STRUCTURAL STEEL**

Master Seal is a registered trademark of Aztec Washer Company, Inc.

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.