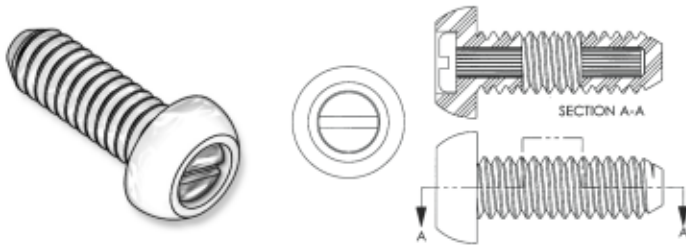


SCREWS, BOLTS, & THREADED ROD

ROUND - CODE "R"

Thread Size	632	832	1032	1/4-20
Head diameter	.255	.300	.340	.450
Head height	.095	.120	.130	.165



PROTECT INSULATE ISOLATE

The shear strength of heat-treated steel. The Dielectric insulation, corrosion resistance and vibration resistance of nylon.

A perfect combination to replace:

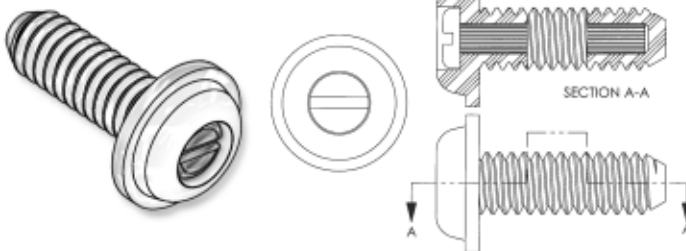
- *costly brass and stainless steel fasteners.
- *costly multiple component insulated screw assemblies.
- *costly sleeved and clad screws.
- *marginal standard nylon fastener applications.

Metal Core Screws are recommended in applications requiring electrical, thermal and vibration insulation in shear or double shear connections.

These reinforced screws will provide up to 4 times strength of standard nylon fasteners.

ROUND WASHER - CODE "W"

Thread Size	632	832	1032	1/4-20
Head diameter	.230	.265	.315	.460
Head height	.100	.110	.125	.120
Washer thickness	.025	.032	.036	.056
Washer diameter	.300	.370	.425	.550



NYLON SHELL

Nylon 66 Natural
High dielectric resistance
Corrosion resistant
Vibration, abrasion resistant

REINFORCING CORE

*High strength, high carbon C.H.Q. steel.
*Precision cold formed and knurled.
*Electro zinc plated.

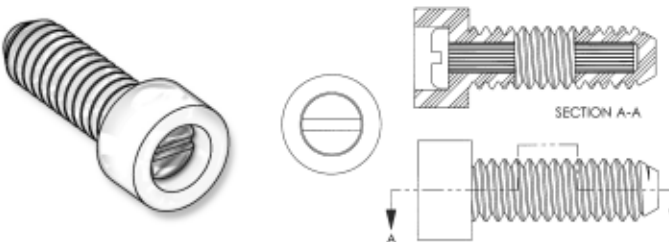
The reinforcing core incorporates a recessed metal head that permits tightening with high speed, high torque automatic drives.

Due to the corrosion resistant nature of the nylon, the Metal Core Screws can, in certain applications, replace expensive stainless steel, brass and Monel fasteners at a substantial cost savings.

The insulating quality of the nylon shell makes the Metal Core Screws an ideal choice for areas where cathodic or thermal transfer is a problem.

FILLISTER - CODE "F"

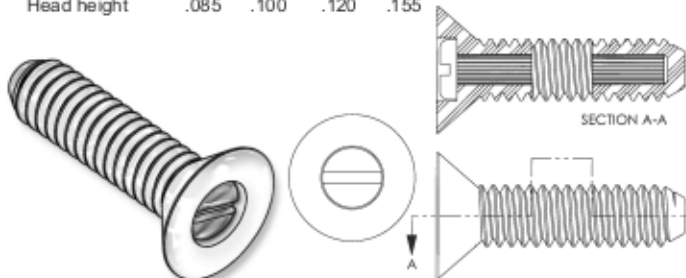
Thread Size	632	832	1032	1/4-20
Head diameter	.230	.260	.310	.400
Head height	.135	.140	.160	.220



ITEM NUMBER	SCREW SIZE	LENGTH	DESCRIPTION
390632 025	632	1/4	Metal Core
390632 037	632	3/8	Metal Core
390632 050	632	1/2	Metal Core
390832 037	832	3/8	Metal Core
390832 050	832	1/2	Metal Core
391032 037	1032	3/8	Metal Core
391032 050	1032	1/2	Metal Core
391032 075	1032	3/4	Metal Core
392520 037	1/4-20	3/8	Metal Core
392520 050	1/4-20	1/2	Metal Core
392520 062	1/4-20	5/8	Metal Core
392520 075	1/4-20	3/4	Metal Core
392520 100	1/4-20	1	Metal Core

82° FLAT - CODE "A"

Thread Size	632	832	1032	1/4-20
Head diameter	.265	.305	.370	.510
Head height	.085	.100	.120	.155



METRIC SIZES AVAILABLE ON APPLICATION

NOTE: SPECIFY HEAD STYLE CODE LETTER.

EXAMPLE: 632 X 1/2"
ROUND HEAD=390632R050



SIZE	MAX TORQUE		TENSILE TEST		DOUBLE SHEAR	
	BEFORE DEFORMATION	ULTIMATE TORQUE	YIELD LBS.	BREAK LBS.	YIELD LBS.	BREAK LBS.
632	1 In. Lbs.	1.5 In. Lbs.	24	32	200	240
832	3 In. Lbs.	4 In. Lbs.	66	72	300	360
1032	5 In. Lbs.	6 In. Lbs.	96	104	600	640
1/4-20	7 In. Lbs.	8 In. Lbs.	120	174	1400	1600