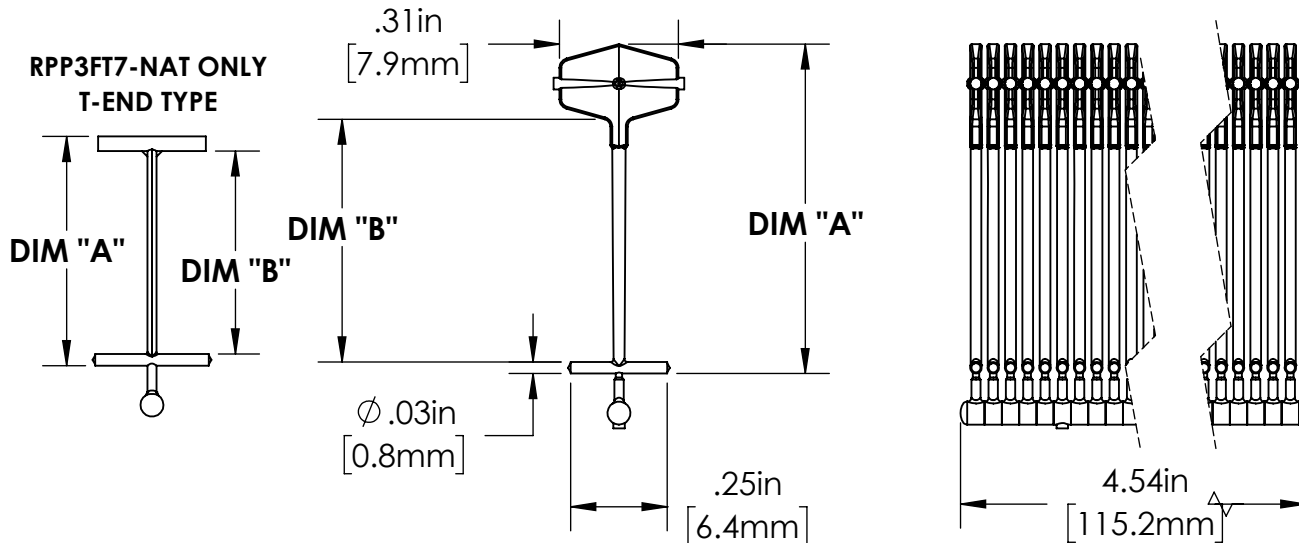


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HISTORY

REV	DATE	DESCRIPTION
A	10/14/22	INITIAL RELEASE



SKU NO	REV	DESCRIPTION	COLOR	DIM "A"	DIM "B"	LENGTH TOLERANCE	WEIGHT
RPP10FT7-NAT	A	1/4" [7mm] FF Ecotach™ 100% RC rPP Natural	NAT*	.31[7.8mm]	.25[7mm]	+/- .060 +/- [1.50mm]	.010 grams each
RPP10FP13-NAT	A	1/2" [13mm] FF Ecotach™ 100% RC rPP Natural	NAT*	.75[19mm]	.50[13mm]	+/- .060 +/- [1.50mm]	.010 grams each
RPP10FP17-NAT	A	11/16" [17mm] FF Ecotach™ rPP 100% RC Natural	NAT*	.91[23mm]	.67[17mm]	+/- .060 +/- [1.50mm]	.010 grams each
RPP10FP25-NAT	A	1" [25mm] FF Ecotach™ rPP 100% RC Natural	NAT*	1.25[32mm]	1.00[25mm]	+/- .060 +/- [1.50mm]	.010 grams each
RPP10FP50-NAT	A	2" [50mm] FF Ecotach™ rPP 100% RC Natural	NAT*	2.25[57mm]	2.00[50mm]	+/- .060 +/- [1.50mm]	.010 grams each
RPP10FP70-NAT	A	2-3/4" [70mm] FF Ecotach™ rPP 100% RC Natural	NAT*	3.00[76mm]	2.75[70mm]	+/- .060 +/- [1.50mm]	.010 grams each

*NATURAL FASTENERS CAN BE A LIGHT AMBER COLOR

MINIMUM TENSILE STRENGTH	2.8 LBSF/ 1.27 KGF
WEIGHT	SEE TABLE
CLIP QUANTITY	100 FASTENERS PER CLIP
APPLICATION TOOLS	10312- MARK III FINE FABRIC PISTOL-GRIP SPU2M02- MARK II INDUSTRIAL FINE FABRIC - LONG NEEDLE SPU2M04- MARK II INDUSTRIAL FINE FABRIC - SHORT NEEDLE
PACKAGING	10,000 PER CARTON/100,000 PER CASE

APPROVALS:

ENG. APPR. *Chris Strakus* 10/14/2022
Q.A. APPR. *Rick Estano* 10/14/2022



FASTENER DIVISION
FITCHBURG, MA 01420 U.S.A.
TEL: 1-800-225-5913
FAX: 978-353-8157

SPECIFIED TOLERANCES ARE:

.XX ± .03 INCHES .X ± .7 mm
.XXX ± .010 INCHES .XX ± .25 mm
ANGULAR: ± 2°

MATERIAL 100% rPP
COLOR SEE TABLE

DESCRIPTION Ecotach™ rPP 100% RC, Natural, Fine Fabric, Clip Fastener

STOCK NO. SEE TABLE

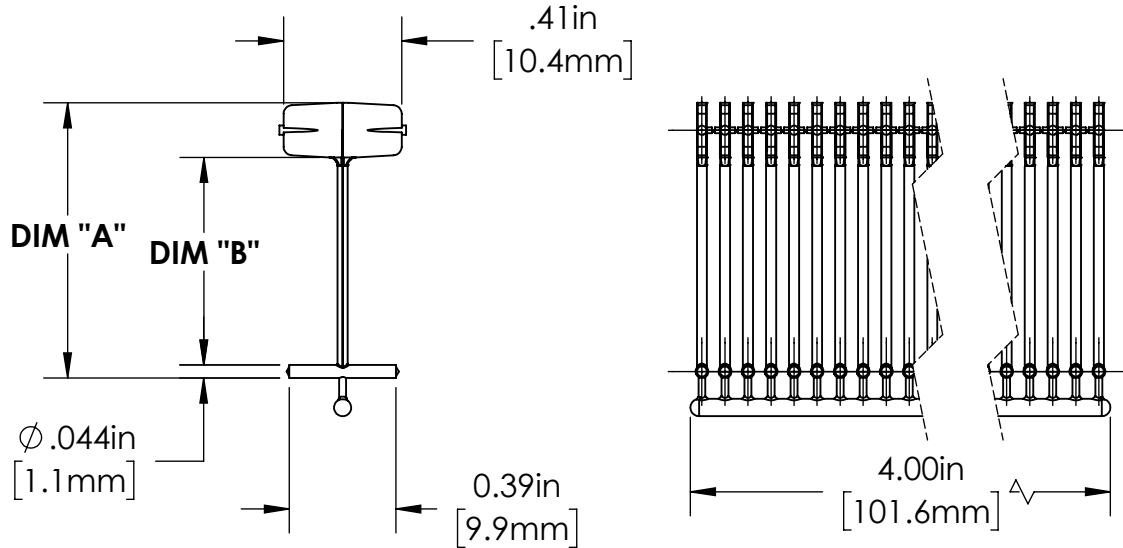
REV. **A**

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HISTORY

REV	DATE	DESCRIPTION
A	10/14/22	INITIAL RELEASE



SKU NO	REV	DESCRIPTION	COLOR	DIM "A"	DIM "B"	WEIGHT
RPP10SP25-NAT	A	1" [25mm] STD Ecotach™ rPP 100% RC Natural	NAT*	1.25[31.8mm]	1.00[25mm]	.048 grams each
RPP10SP40-NAT	A	1-9/16" [40mm] STD Ecotach™ rPP 100% RC Natural	NAT*	1.82[46.2mm]	1.57[40mm]	.056 grams each
RPP10SP50-NAT	A	2" [50mm] STD Ecotach™ rPP 100% RC Natural	NAT*	2.25[57.2mm]	2.00[50mm]	.056 grams each
RPP10SP65-NAT	A	2-9/16" [65mm] STD Ecotach™ rPP 100% RC Natural	NAT*	2.82[71.6mm]	2.57[65mm]	.056 grams each

*NATURAL FASTENERS CAN BE A LIGHT AMBER COLOR

MINIMUM TENSILE STRENGTH	3.6 LBSF/ 1.62 KGF
WEIGHT	SEE TABLE
CLIP QUANTITY	50 FASTENERS PER CLIP
APPLICATION TOOLS	10651 MARK III PISTOL-GRIP 08945- MARK III SCISSOR GRIP 10636- MARK III LONG NEEDLE PISTOL 16000- SOFT GRIP SPU2M01- MARK II INDUSTRIAL - LONG NEEDLE SPU2M03- MARK II INDUSTRIAL - SHORT NEEDLE
PACKAGING	5,000 PER CARTON/ 50,000 PER CASE

APPROVALS:

ENG. APPR. *Chris Strakis* 10/14/2022
Q.A. APPR. *Rick Estano* 10/14/2022



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FASTENER DIVISION
FITCHBURG, MA 01420 U.S.A.
TEL. 1-800-225-5913
FAX. 978-353-8157

SPECIFIED TOLERANCES ARE:

.XX ± .03 INCHES .X ± .7 mm
.XXX ± .010 INCHES .XX ± .25 mm
ANGULAR: ± 2°

MATERIAL

100% rPP

COLOR

SEE TABLE

DESCRIPTION Ecotach™ rPP 100% RC,
Natural, STD, Clip Fastener

STOCK NO.

SEE TABLE

REV.

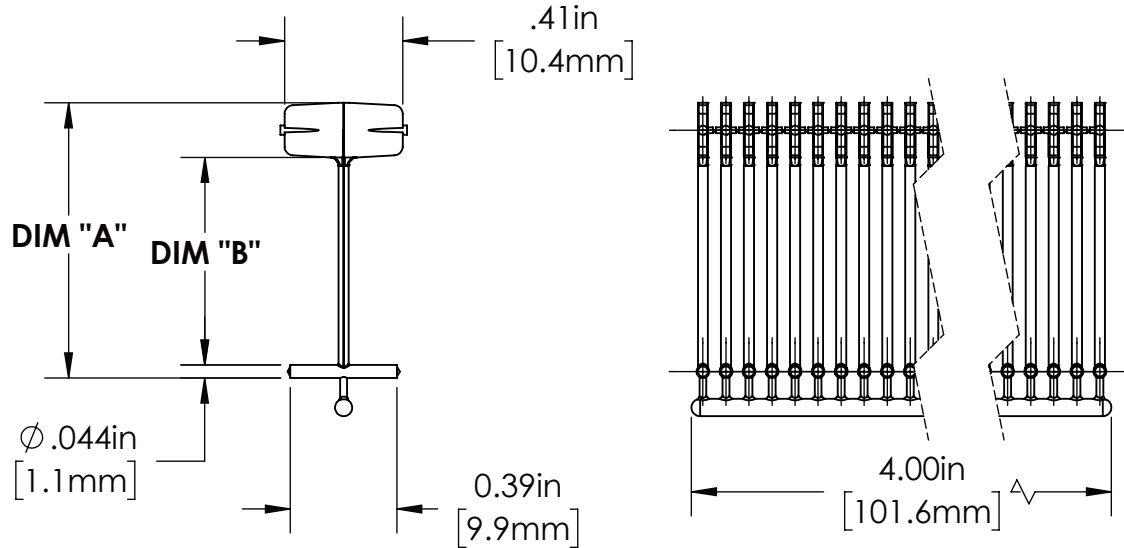
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HISTORY

REV	DATE	DESCRIPTION
A	8/20/24	INITIAL RELEASE



SKU NO	REV	DESCRIPTION	COLOR	DIM "A"	DIM "B"	WEIGHT
RPP95SP25-BLK	A	1" [25mm] STD Ecotach™ rPP 95% MIN RC Black	BLK*	1.25[31.8mm]	1.00[25mm]	.048 grams each
RPP95SP40-BLK	A	1-9/16" [40mm] STD Ecotach™ rPP 95% MIN RC Black	BLK*	1.82[46.2mm]	1.57[40mm]	.056 grams each
RPP95SP50-BLK	A	2" [50mm] STD Ecotach™ rPP 95% MIN RC Black	BLK*	2.25[57.2mm]	2.00[50mm]	.056 grams each
RPP95SP65-BLK	A	2-9/16" [65mm] STD Ecotach™ rPP 95% MIN RC Black	BLK*	2.82[71.6mm]	2.57[65mm]	.056 grams each

*BLACK FASTENERS CONTAIN COLOR CONCENTRATE

MINIMUM TENSILE STRENGTH	3.6 LBSF/ 1.62 KGF
WEIGHT	SEE TABLE
CLIP QUANTITY	50 FASTENERS PER CLIP
APPLICATION TOOLS	10651 MARK III PISTOL-GRIP 08945- MARK III SCISSOR GRIP 10636- MARK III LONG NEEDLE PISTOL 16000- SOFT GRIP SPU2M01- MARK II INDUSTRIAL - LONG NEEDLE SPU2M03- MARK II INDUSTRIAL - SHORT NEEDLE
PACKAGING	5,000 PER CARTON/ 50,000 PER CASE

APPROVALS:

ENG. APPR. *Dave Schuttler 8/20/2024*
Q.A. APPR. *William O' Malley 8/20/2024*



FASTENER DIVISION
FITCHBURG, MA 01420 U.S.A.
TEL. 1-800-225-5913
FAX. 978-353-8157

SPECIFIED TOLERANCES ARE:

.XX ± .03 INCHES .X ± .7 mm
.XXX ± .010 INCHES .XX ± .25 mm
ANGULAR: ± 2°

MATERIAL 95% Min rPP; Color Concentrate

COLOR SEE TABLE

DESCRIPTION Ecotach™ rPP 95% MIN RC, Black, STD, Clip Fastener

STOCK NO. SEE TABLE

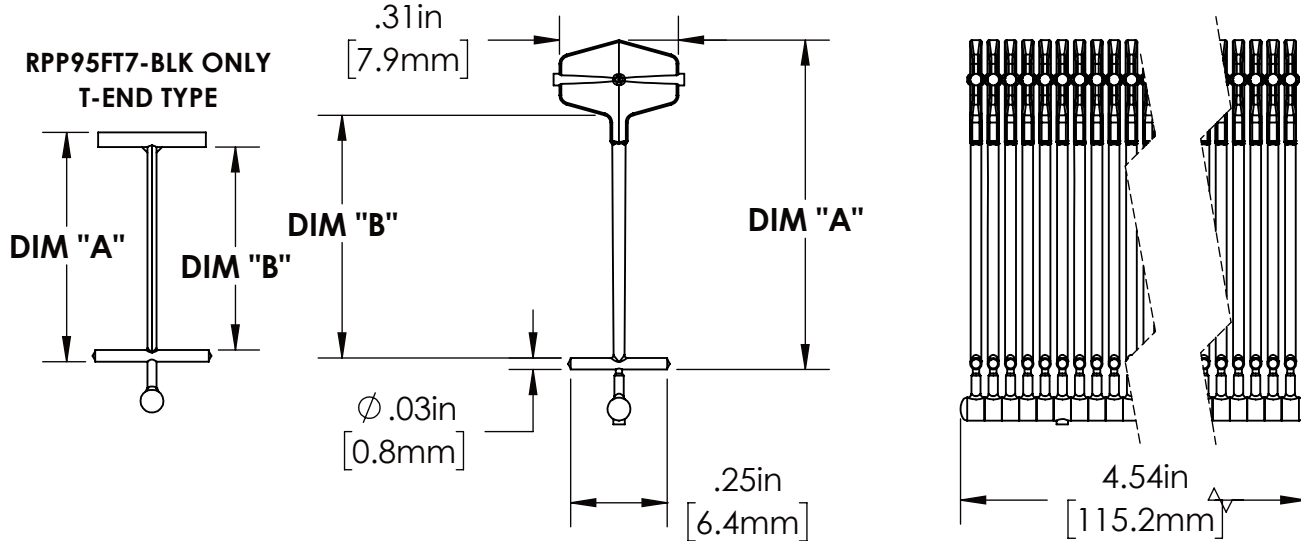
REV. **A**

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HISTORY

REV	DATE	DESCRIPTION
A	8/20/24	INITIAL RELEASE



SKU NO	REV	DESCRIPTION	COLOR	DIM "A"	DIM "B"	LENGTH TOLERANCE	WEIGHT
RPP95FT7-BLK	A	1/4" [7mm] FF Ecotach™ 95% RC MIN rPP Black	BLK*	.31 [7.8mm]	.25 [7mm]	+/- .060 +/- [1.50mm]	.010 grams each
RPP95FP13-BLK	A	1/2" [13mm] FF Ecotach™ 95% RC MIN rPP Black	BLK*	.75 [19mm]	.50 [13mm]	+/- .060 +/- [1.50mm]	.010 grams each
RPP95FP17-BLK	A	11/16" [17mm] FF Ecotach™ rPP 95% MIN RC Black	BLK*	.91 [23mm]	.67 [17mm]	+/- .060 +/- [1.50mm]	.010 grams each
RPP95FP25-BLK	A	1" [25mm] FF Ecotach™ rPP 95% RC MIN Black	BLK*	1.25 [32mm]	1.00 [25mm]	+/- .060 +/- [1.50mm]	.010 grams each
RPP95FP50-BLK	A	2" [50mm] FF Ecotach™ rPP 95% RC MIN Black	BLK*	2.25 [57mm]	2.00 [50mm]	+/- .060 +/- [1.50mm]	.010 grams each
RPP95FP70-BLK	A	2-3/4" [70mm] FF Ecotach™ rPP 95% MIN RC Black	BLK*	3.00 [76mm]	2.75 [70mm]	+/- .060 +/- [1.50mm]	.010 grams each

*BLACK FASTENERS CONTAIN COLOR CONCENTRATE

MINIMUM TENSILE STRENGTH	2.8 LBSF/ 1.27 KGF
WEIGHT	SEE TABLE
CLIP QUANTITY	100 FASTENERS PER CLIP
APPLICATION TOOLS	10312- MARK III FINE FABRIC PISTOL-GRIP SPU2M02- MARK II INDUSTRIAL FINE FABRIC - LONG NEEDLE SPU2M04- MARK II INDUSTRIAL FINE FABRIC - SHORT NEEDLE
PACKAGING	10,000 PER CARTON/100,000 PER CASE

APPROVALS:

ENG. APPR.

Dave Schuttler 8/20/2024

Q.A. APPR.

William O' Malley 8/20/2024



FASTENER DIVISION
FITCHBURG, MA 01420 U.S.A.
TEL: 1-800-225-5913
FAX: 978-353-8157

SPECIFIED TOLERANCES ARE:

.XX ± .03 INCHES .X ± .7 mm
.XXX ± .010 INCHES .XX ± .25 mm
ANGULAR: ± 2°

MATERIAL

95% MinrPP; Color Concentrate

COLOR

SEE TABLE

DESCRIPTION Ecotach™ rPP 95% MIN RC, Black, Fine Fabric, Clip Fastener

STOCK NO.

SEE TABLE

REV.

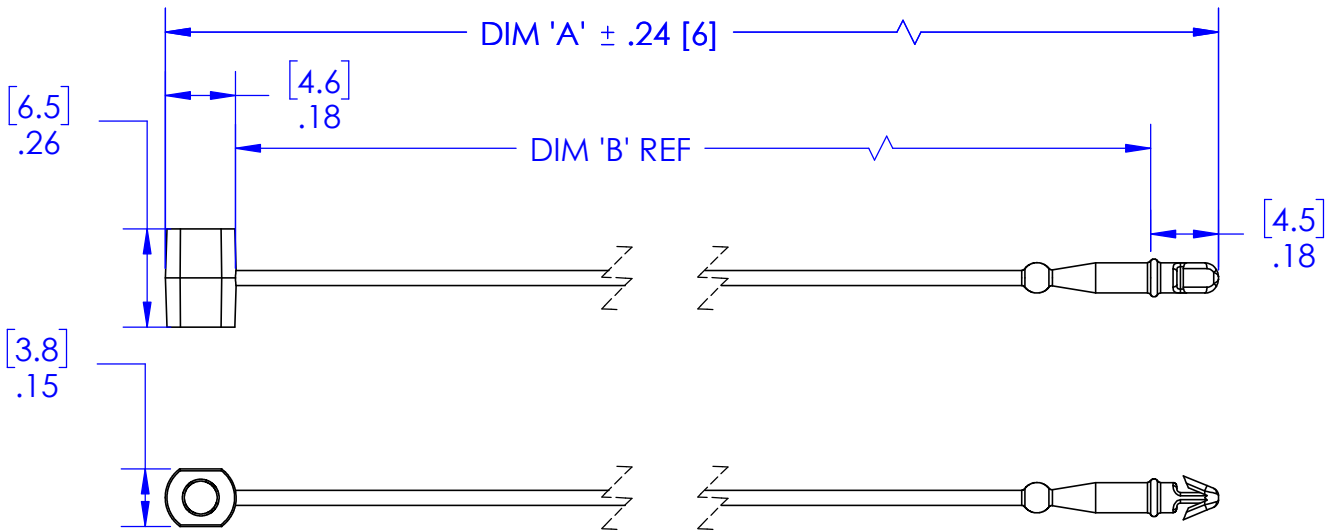
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HISTORY

REV.	DATE	DESCRIPTION
A	10.07.24	RELEASED



STOCK NUMBER	REV	COLOR	DIM 'A'	DIM 'B'	WEIGHT
RPP95SEC85-BLK	A	BLACK	3.3 [84]	2.9 [73]	0.1 GRAMS
RPP95SEC135-BLK	A	BLACK	5.3 [134]	4.9 [123]	0.1 GRAMS
RPP95SEC185-BLK	A	BLACK	7.3 [184]	6.9 [173]	0.1 GRAMS
RPP95SEC235-BLK	A	BLACK	9.2 [234]	8.8 [223]	0.1 GRAMS
RPP10SEC85-NAT	A	NATURAL	3.3 [84]	2.9 [73]	0.1 GRAMS
RPP10SEC135-NAT	A	NATURAL	5.3 [134]	4.9 [123]	0.1 GRAMS
RPP10SEC185-NAT	A	NATURAL	7.3 [184]	6.9 [173]	0.1 GRAMS
RPP10SEC235-NAT	A	NATURAL	9.2 [234]	8.8 [223]	0.1 GRAMS

MINIMUM TENSILE STRENGTH	8 LBF [3.6 kg] MIN
MATERIAL	NATURAL - 100% rPP BLACK - 95% rPP MIN; COLOR CONCENTRATE
WEIGHT	SEE TABLE
PACKAGED IN	500 PER BAG 5000 PER INNER CARTON 50000 PER MASTER CARTON

APPROVALS:

ENG. APPR. *Dave Schuttler* 10.07.24
Q.A. APPR. *William O' Malley* 10.07.24



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TEL. 1-800-225-5913
FAX. 978-353-8157

SPECIFIED TOLERANCES ARE:

.XX ± .03 INCHES .X ± .7 mm
.XXX ± .010 INCHES .XX ± .25 mm
ANGULAR: ± 2°

MATERIAL

SEE TABLE

COLOR

SEE TABLE

DESCRIPTION

ECOTACH rPP
SECURATACH

STOCK NO.

SEE TABLE

REV.

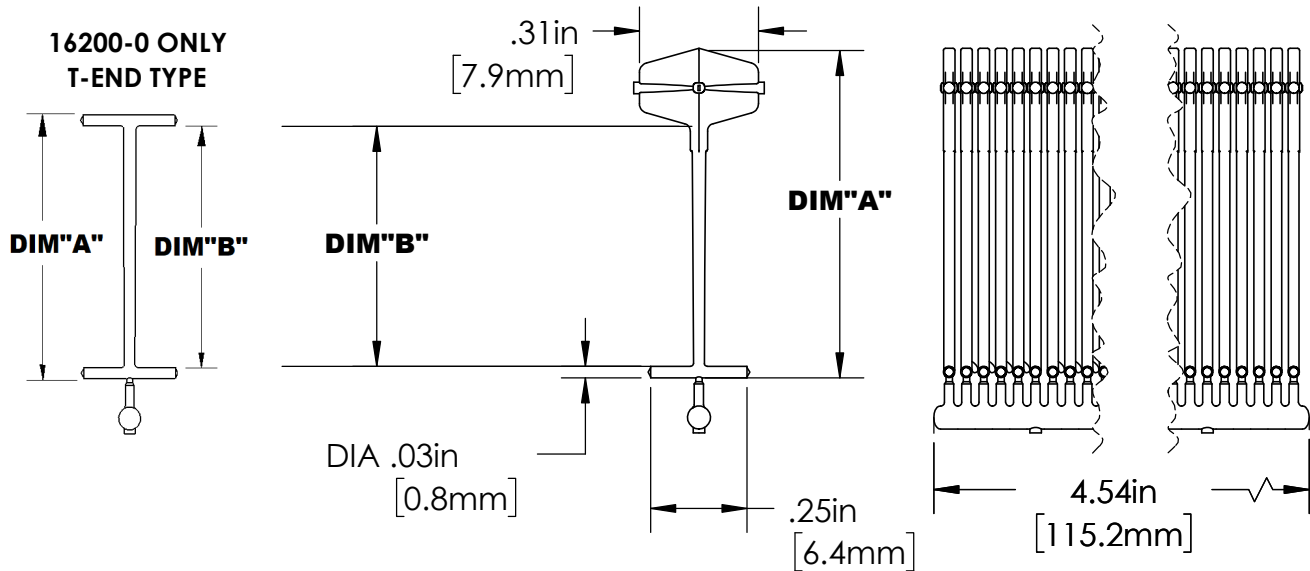
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HISTORY

REV.	DATE	DESCRIPTION
B	5-18-22	Added 16200 & 16203-16205



SKU NO	REV	DESCRIPTION	COLOR	DIM "A"	DIM "B"	LENGTH TOLERANCE	WEIGHT
16200-0	A	1/4" [7mm] FF Ecotach™ rPP	NAT*	.31 [7.8mm]	.25 [7mm]	+/- .060 +/- [1.5mm]	.010 grams each
16201-0	A	1/2" [13mm] FF Ecotach™ rPP	NAT*	.75 [19mm]	.50 [13mm]	+/- .060 +/- [1.5mm]	.010 grams each
16202-0	A	1 1/16" [17mm] FF Ecotach™ rPP	NAT*	.91 [23mm]	.67 [17mm]	+/- .060 +/- [1.5mm]	.010 grams each
16203-0	A	1" [25mm] FF Ecotach™ rPP	NAT*	1.25 [32mm]	1.00 [25mm]	+/- .060 +/- [1.5mm]	.010 grams each
16204-0	A	2" [50mm] FF Ecotach™ rPP	NAT*	2.25 [57mm]	2.00 [50mm]	+/- .120 +/- [3mm]	.010 grams each
16205-0	A	2-3/4" [70mm] FF Ecotach™ rPP	NAT*	3.00 [76mm]	2.75 [70mm]	+/- .120 +/- [3mm]	.010 grams each

NOMINAL TENSILE STRENGTH	3.5 - 4.5 LBSF / 1.5 - 2.0 KGF
WEIGHT	SEE TABLE
CLIP QUANTITY	100 Fasteners per clip
APPLICATION TOOLS	10312 - Mark III Fine Fabric Pistol-Grip SPU2M02 - Mark II Industrial Fine Fabric - Long Needle SPU2M04 - Mark II Industrial Fine Fabric - Short Needle
PACKAGING	10,000 per carton / 100,000 per case

APPROVALS:

ENG. APPR. *Bill Cooper* 5-18-22

Q.A. APPR. *Rick Estano* 5-18-22



FASTENER DIVISION
FITCHBURG, MA 01420 U.S.A.
TEL. 1-800-225-5913
FAX. 978-353-8157

SPECIFIED TOLERANCES ARE:

.XX ± .03 INCHES .X ± .7 mm
.XXX ± .010 INCHES .XX ± .25 mm
ANGULAR: ± 2°

MATERIAL 30% rPP
70% Polypropylene

COLOR See Note

DESCRIPTION Ecotach™ rPP
Fine Fabric Clip Fastener

STOCK NO. See Table

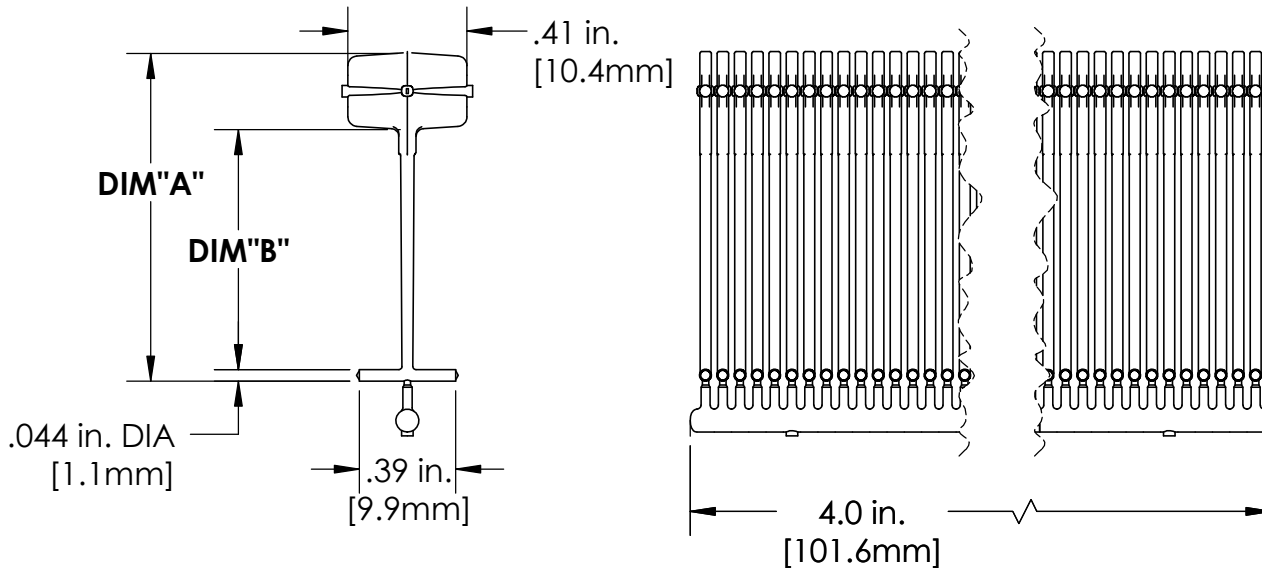
REV.
B

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HISTORY

REV.	DATE	DESCRIPTION
B	5-18-22	Added 16301-0



SKU NO	REV	DESCRIPTION	COLOR	DIM "A"	DIM "B"	WEIGHT
16300-0	A	1" [25mm] STD Ecotach™ rPP	NAT*	1.25 [31.8mm]	1.00 [25mm]	.048 grams each
16301-0	A	1-9/16" [40mm] STD Ecotach™ rPP	NAT*	1.82 [46.2mm]	1.57 [40mm]	.056 grams each
16302-0	A	2" [50mm] STD Ecotach™ rPP	NAT*	2.25 [57.2mm]	2.00 [50mm]	.056 grams each
16303-0	A	2-9/16" [65mm] STD Ecotach™ rPP	NAT*	2.82 [71.6mm]	2.57 [65mm]	.056 grams each

NOMINAL TENSILE STRENGTH	4.5 - 5.5 LBSF / 2.0 - 2.5 KGF
WEIGHT	SEE TABLE
CLIP QUANTITY	50 Fasteners per clip
APPLICATION TOOLS	10651 - Mark III Pistol-Grip 08945 - Mark III Scissor Grip 10636 - Mark III Long Needle Pistol 16000 - Soft Grip SPU1M01 - Mark II Industrial - Long Needle SPU1M03 - Mark II Industrial - Short Needle
PACKAGING	5,000 per carton / 50,000 per case

APPROVALS:

ENG. APPR. *Bill Cooper* 5/18/22
Q.A. APPR. *Rick Estano* 5/18/22



FASTENER DIVISION
FITCHBURG, MA 01420 U.S.A.
TEL. 1-800-225-5913
FAX. 978-353-8157

SPECIFIED TOLERANCES ARE:

.XX ± .03 INCHES .X ± .7 mm
.XXX ± .010 INCHES .XX ± .25 mm
ANGULAR: ± 2°

MATERIAL 30% rPP
70% Polypropylene
COLOR See Note

DESCRIPTION Ecotach™ rPP
Standard Clip Fastener
STOCK NO. See Table
REV. **B**