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NOTES:

1. MATERIAL:
FITTING: 304/304L STANDARD; 316/316L WHEN -316 IS ADDED TO END OF P.N.
DISC: 316/316L STANDARD; 304L WHEN SPECIFIED. SEE ROUTER FOR PART MAKEUP.
DISC WIRE SCREEN MAKE UP PER DEN02-04.

2. ASSEMBLE PER OPMF-02.3

3. DESIGN: PER B31.3 CRITERIA

4. WELD AS FOLLOWS:
1" HEX: WELD PER BW-100-AUTO-1 OR BW-100
1 3/4" HEX: WELD PER BW-100-AUTO-1.75 OR BW-100

5. ANNEAL PER DPU01-01 PROCESS NUMBER 19004-60 UNLESS OTHERWISE SPECIFIED ON PURCHASE ORDER.
APPROVED SOURCE OF SUPPLY: BULAW WELDING, ITASCA, IL

6. WORKSMANSHIP:
PARTS TO BE FREE OF GOUGES, DINGS, AND DENTS VISABLE TO THE UNAIDED EYE.

WHEN THE PART CONTAINS A CONICAL SEALING SURFACE, THE SURFACE MUST BE FREE OF FLAWS, NICKS AND CHATTER MARKS WHEN VIEWED UNDER AMPLE LIGHTING WITH THE UNAIDED EYE. SURFACE BURNISHING IS PERMITTABLE PRIOR TO SHIPPING.

7. OPERATING AND COLLAPSE PRESSURE (FOR ENGINEERING REFERENCE ONLY)
1.00 INCH HEX = 6000 PSI - COLLAPSE PRESSURE 50 PSID
1.75 INCH HEX = 3000 PSI - COLLAPSE PRESSURE 50 PSID

8. MICRON RATING
SEE TABLE 1 FOR MICRON CODE.
ASSEMBLIES TO BE BUBBLE POINT TESTED PER OPMF-63

9. CLEANING
CLEAN ASSEMBLY PRE AND POST ANNEALING PER OPMF-500.

10. END FITTING SIZE AND TYPES
SEE TABLE 2 FOR FITTING SIZE AND TABLE 3 FOR FITTING TYPE

11. PART MARKING:
THE FOLLOWING SHALL BE ETCHED ONTO THE HEX FLAT OF EACH FILTER WITH A VIBRO PEN
A. JOB NUMBER
B. FLOW ARROW

THE FOLLOWING INFORMATION WILL APPEAR ON AN ALUMINUM STICKER WHICH SHALL BE PLACED OVER THE WELD SEAM.
C. PART NUMBER
D. STENOGRAPHIC DATE CODE

12. PRODUCT NUMBERING

42XXT-(B) (C) (C) FOR IDENTICAL END FITTINGS

42XXT-(B) (C) -(B) (C) FOR DIFFERENT END FITTINGS

42XXT-(B) (C) -(D) FOR ACCESSORY OPTIONS

WHERE,
XX STANDS FOR MICRON CODE
(B) STANDS FOR FITTING SIZE
(C) STANDS FOR FITTING TYPE
(D) STANDS FOR ACCESSORY OPTION

REV. DESCRIPTION DATE APPROVED

K PER ECO 1087: -16 END FITTING COMBINATIONS ADDED 2/25/15 JB

L PER ECO 1103: 16B END FITTINGS 4/3/15 JB

M PER ECO 1228: 4MP CONFIGURATION 3/2/16 JB

N PER ECO 1233: CORRECTED PART NUMBERING CALL OUT IN NOTE 12 3/10/16 KH

O PER ECO 1260: ADDED 50 PSID MAX COLLAPSE RATING TO NOTES 5/12/16 KH

P ECO:1289 ; 12BB 12DB CONFIGURATIONS 6/28/16 JB

TABLE 1 - MICRON CODE

CODE XX	NOM.	ABS.
2X	2	10
5	5	18
10	10	25
20	20	40
40	40	75
75	75	100
100	100	150
200	200	300

TABLE 3 - END FITTING CODES

FITTING TYPE (C)	DESCRIPTION
M	MALE NPT
P	FEMALE NPT
T	37 DEG FLAIR
B	FEMALE O-RING
D	MALE O-RING
C	COMPRESSION
FS	FACE SEAL
AS 1098	37 DEG FLAIR WITH AS1098 CUT

TABLE 2 - END FITTING SIZES

FITTING SIZE (B)	SIZE DESRIPTION FOR NPT	SIZE DESCRIPTION FOR ALL OTHER
1	1/8"	-
2	1/4"	1/8"
3	3/8"	3/16"
4	1/2"	1/4"
6	-	3/8"
8	-	1/2"
10	-	5/8"
12	-	3/4"
16	-	1"

TABLE 4 - ACCESSORY

ACCESSORY OPTION (D)	DESCRIPTION
LW	LOCKWIRE HOLES

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCES ON:
2 PLACE DECIMAL: .XX +/-0.01
3 PLACE DECIMAL: .XXX +/-0.005
ANGULAR: +/- .5 deg

PART TO BE FREE OF BURRS

NORMAN

FILTERS

NORMAN FILTER COMPANY

9850 SOUTH INDUSTRIAL DRIVE - BRIDGEVIEW, IL 60455
PHONE (708)430-4000 - FAX (708)430-5961

TITLE:
FILTER, INLINE, 4200 SERIES WIRE MESH

PART NUMBER:
TABULATED

DWG NO.
42XXTASSM

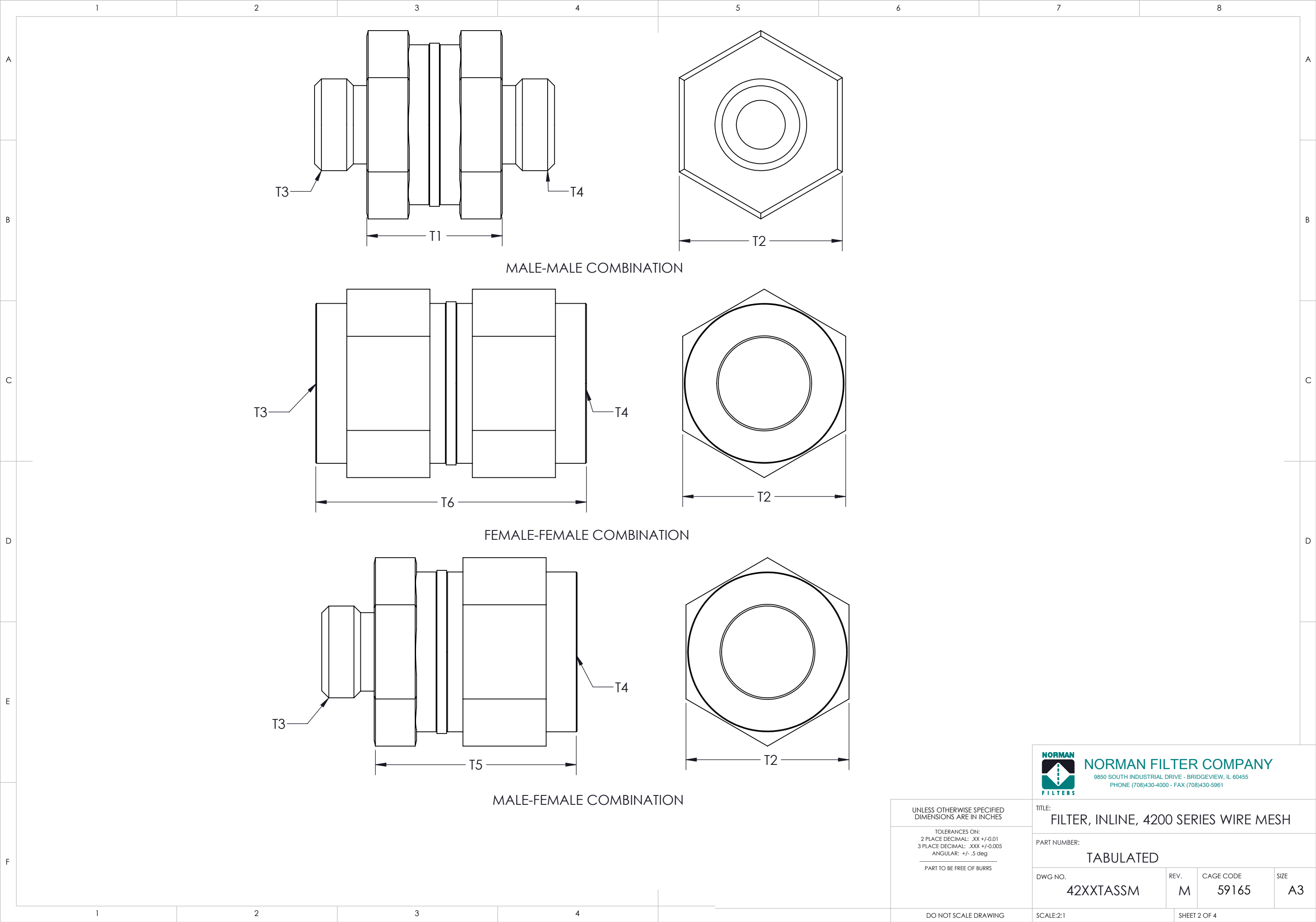
CAGE CODE
59165

SIZE
A3

DO NOT SCALE DRAWING

SCALE:2:1

SHEET 1 OF 4



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TITLE: FILTER, INLINE, 4200 SERIES WIRE MESH			
TOLERANCES ON: 2 PLACE DECIMAL: .XX +/-0.01 3 PLACE DECIMAL: .XXX +/-0.005 ANGULAR: +/- .5 deg		PART NUMBER: TABULATED			
DWG NO. 42XXTASSM	REV. M	CAGE CODE 59165	SIZE A3		
DO NOT SCALE DRAWING		SCALE:2:1		SHEET 2 OF 4	

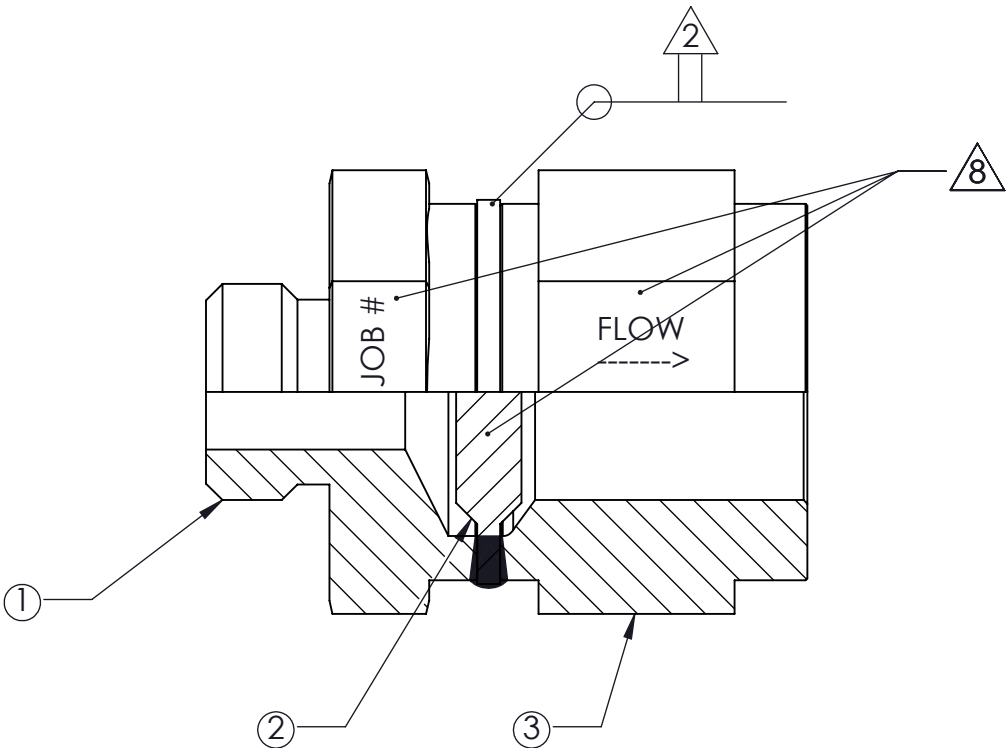


NORMAN FILTER COMPANY
9850 SOUTH INDUSTRIAL DRIVE - BRIDGEVIEW, IL 60455
PHONE (708)430-4000 - FAX (708)430-5961

1		2		3		4		5		6		7		8		
A	DIMENSION	PART REVISION	T1	T2	T3	T4	T5	T6								
	TYPE		MALE-MALE	HEX SIZE	INLET FITTING	OUTLET FITTING	MALE-FEMALE	FEMALE-FEMALE								
	DESCRIPTION		FLAT TO FLAT	HEX SIZE	INLET FITTING	OUTLET FITTING	FLAT TO FITTING	FITTING TO FITTING								
	TOLERANCE		±.030	±.01	GO/NO GO GAGE	GO/NO GO GAGE	±.030	±.030								
B	42XXT-1MP		-	1.00	1/8-27 NPT	1/8-27 NPT	-	1.125								
	42XXT-1M-4T		.650	1.00	1/8-27 NPT	AS4395-4	-	-								
	42XXT-1PP		-	1.00	1/8-27 NPT	1/8-27 NPT	-	1.600								
	42XXT-1P4T		-	1.00	1/8-27 NPT	AS 4395-4	1.125	-								
B	42XXT-2MM		.650	1.00	1/4-18 NPT	1/4-18 NPT	-	-								
	4XXT-2MP		-	1.00	1/4-18 NPT	1/4-18 NPT	-	1.125								
	42XXT-2M-4T		.650	1.00	1/4-18 NPT	AS4395-4	-	-								
	42XXT-2M-6T		.650	1.00	1/4-18 NPT	AS4395-6	-	-								
C	42XXT-2PP		-	1.00	1/4-18 NPT	1/4-18 NPT	-	1.600								
	42XXT-2P-4D		-	1.00	1/4-18 NPT	AS930-4	1.125	-								
	42XXT-2P-4T		-	1.00	1/4-18 NPT	AS4395-4	1.125	-								
	42XXT-2PT		-	1.00	1/4-18NPT	AS4395-2	1.125	-								
C	42XXT-2TT		.650	1.00	AS4395-2	AS4395-2	-	-								
	42XXT-3PP		-	1.75	3/8-18 NPT	3/8-18 NPT	-	1.680								
	42XXT-3TT		.650	1.00	AS4395-3	AS4395-3	-	-								
	42XXT-4T-6T		.650	1.00	AS4395-4	AS4395-6	-	-								
D	42XXT-4BB		-	1.00	AS5202-4	AS5202-4	-	1.600								
	42XXT-4BD		-	1.00	AS5202-4	AS930-4	1.125	-								
	42XXT-4BT		-	1.00	AS5202-4	AS4395-4	1.125	-								
	42XXT-4DD		.650	1.00	AS930-4	AS930-4	-	-								
D	42XXT-4DT		.650	1.00	AS930-4	AS4395-4	-	-								
	42XXT-4CC		.650	1.00	1/4" Compression	1/4" Compression	-	-								
	42XXT-4MM		1.400	1.75	1/2-14 NPT	1/2-14 NPT	-	-								
	42XXT-4MP		-	1.75	1/2-14 NPT	1/2-14 NPT	1.540	-								
D	42XXT-4PP	A	-	1.75	1/2-14 NPT	1/2-14 NPT	-	1.680								
	42XXT-4TT		.650	1.00	AS4395-4	AS4395-4	-	-								
	42XXT-6FS		.750	1.00	9/16-18 UNF 2A	9/16-18 UNF 2A	-	-								
	42XXT-4P-8T		-	1.75	1/2-14NPT	AS4395-8	1.540	-								
E	42XXT-6BT		-	1.00	AS5202-6	AS4395-6	1.125	-								
	42XXT-6BD		-	1.00	AS5202-6	AS930-6	1.125	-								
	42XXT-6BB		-	1.00	AS5202-6	AS5202-6	-	1.600								
	42XXT-6DD		.650	1.00	AS930-6	AS930-6	-	-								
E	42XXT-6DT		.650	1.00	AS930-6	AS4395-6	-	-								
	42XXT-6T-4B		-	1.00	AS4395-6	AS5202-4	-	1.125								
	42XXT-6T-4D		.650	1.00	AS4395-6	AS930-4	-	-								
	42XXT-6TT		.650	1.00	AS4395-6	AS4395-6	-	-								
F	42XXT-6CC		.650	1.00	3/8" Compression	3/8" Compression	-	-								
	42XXT-8BB		-	1.75	AS5202-8	AS5202-8	-	1.980								
	42XXT-8DD		1.400	1.75	AS930-8	AS930-8	-	-								
	42XXT-8DT		1.400	1.75	AS930-8	AS4395-8	-	-								
F	42XXT-8BT		-	1.75	AS5202-8	AS4395-8	1.690	-								
	42XXT-8TT		1.400	1.75	AS4395-8	AS4395-8	-	-								
	42XXT-12TT		1.400	1.75	AS4395-12	AS4395-12	-	-								
	42XXT-12BB		-	1.75	AS5202-12	AS5202-12	-	2.400								
F	42XXT-12DB		1.400	1.75	AS930-12	AS5202-12	1.910	-								
	42XXT-16TT		1.400	1.75	AS4395-16	AS4395-16	-	-								
	42XXT-16BB		-	1.75	AS5202-16	AS5202-16		-	3.540							
	1		2	3	4	5		6		7		8				
DO NOT SCALE DRAWING		SCALE:2:1		SHEET 3 OF 4												

1	2	3	4
ASSEMBLY P.N	INLET FITTING P.N. ①	FILTER DISC P.N. ② WHERE XX IS MICRON CODE	OUTLET FITTING P.N. ③
42XXT-1MP	42T-1M	F*-4173-4-XX	42T-1P
42XXT-1M-4T	42T-1M	F*-4173-4-XX	42T-4T
42XXT-1PP	42T-1P	F*-4173-4-XX	42T-1P
42XXT-1P4T	42T-1P	F*-4173-4-XX	42T-4T
42XXT-2MM	42T-2M	F*-4173-4-XX	42T-2M
4XXT-2MP	42T-2M	F*-4173-4-XX	42T-2P
42XXT-2M-4T	42T-2M	F*-4173-4-XX	42T-4T
42XXT-2M-6T	42T-2M	F*-4173-4-XX	42T-6T
42XXT-2PP	42T-2P	F*-4173-4-XX	42T-2P
42XXT-2P-4D	42T-2P	F*-4173-4-XX	42T-4D
42XXT-2P-4T	42T-2P	F*-4173-4-XX	42T-4T
42XXT-2PT	42T-2P	F*-4173-4-XX	42T-2T
42XXT-2TT	42T-2T	F*-4173-4-XX	42T-2T
42XXT-3PP	42T-3P	F*-4173-6-XX	42T-3P
42XXT-3TT	42T-3T	F*-4173-4-XX	42T-3T
42XXT-4T-6T	42T-4T	F*-4173-4-XX	42T-6T
42XXT-4BB	42T-4B	F*-4173-4-XX	42T-4B
42XXT-4BD	42T-4B	F*-4173-4-XX	42T-4D
42XXT-4BT	42T-4B	F*-4173-4-XX	42T-4T
42XXT-4DD	42T-4D	F*-4173-4-XX	42T-4D
42XXT-4DT	42T-4D	F*-4173-4-XX	42T-4T
42XXT-4CC	42T-4C	F*-4173-4-XX	42T-4C
42XXT-4MM	42T-4M	F*-4173-6-XX	42T-4M
42XXT-4MP	42T-4M	F*-4173-6-XX	42T-4P
42XXT-4PP	42T-4P	F*-4173-6-XX	42T-4P
42XXT-4TT	42T-4T	F*-4173-4-XX	42T-4T
42XXT-6FS	42T-6FS	F*-4173-4-XX	42T-6FS
42XXT-4P-8T	42T-4P	F*-4173-6-XX	42T-8T
42XXT-6BT	42T-6B	F*-4173-4-XX	42T-6T
42XXT-6BD	42T-6B	F*-4173-4-XX	42T-6D
42XXT-6BB	42T-6B	F*-4173-4-XX	42T-6B
42XXT-6DD	42T-6D	F*-4173-4-XX	42T-6D
42XXT-6DT	42T-6D	F*-4173-4-XX	42T-6T
42XXT-6T-4B	42T-6T	F*-4173-4-XX	42T-4B
42XXT-6T-4D	42T-6T	F*-4173-4-XX	42T-4D
42XXT-6TT	42T-6T	F*-4173-4-XX	42T-6T
42XXT-6CC	42T-6C	F*-4173-4-XX	42T-6C
42XXT-8BB	42T-8B	F*-4173-6-XX	42T-8B
42XXT-8DD	42T-8D	F*-4173-6-XX	42T-8D
42XXT-8DT	42T-8D	F*-4173-6-XX	42T-8T
42XXT-8BT	42T-8B	F*-4173-6-XX	42T-8T
42XXT-8TT	42T-8T	F*-4173-6-XX	42T-8T
42XXT-12TT	42T-12T	F*-4173-6-XX	42T-12T
42XXT-12BB	42T-12B	F*-4173-6-XX	42T-12B
42XXT-12DB	42T-12D	F*-4173-6-XX	42T-12B
42XXT-16TT	42T-16T	F*-4173-6-XX	42T-16T
42XXT-16BB	42T-16B	F*-4173-6-XX	42T-16B

TYPICAL BILL OF MATERIAL, WELD DETAIL, AND PART MARKING



* - SIGNIFIES MANUFACTURER OF DISC. SEE DRAWING F*-4173-X-YY FOR DEFINITION
** ROUTER WILL CONTROL B.O.M. FOR PRODUCTION PARTS

**NORMAN**
FILTERS

NORMAN FILTER COMPANY
9850 SOUTH INDUSTRIAL DRIVE - BRIDGEVIEW, IL 60455
PHONE (708)430-4000 - FAX (708)430-5961

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TITLE: FILTER, INLINE, 4200 SERIES WIRE MESH			
TOLERANCES ON: 2 PLACE DECIMAL: .XX +/-0.01 3 PLACE DECIMAL: .XXX +/-0.005 ANGULAR: +/- .5 deg PART TO BE FREE OF BURRS		PART NUMBER: TABULATED			
DO NOT SCALE DRAWING		DWG NO. 42XXTASSM	REV. M	CAGE CODE 59165	SIZE A3
SCALE:2:1		SHEET 4 OF 4			