

REVIZYON NO:00

PROSEDÜR NO:

ÜRA SP-04.01

YÜR.TAR.

FNO:

KONU :

REFERANS:

# TÜRASAS

## TEKNİK BİLGİ

T.B.1719

Tadilat

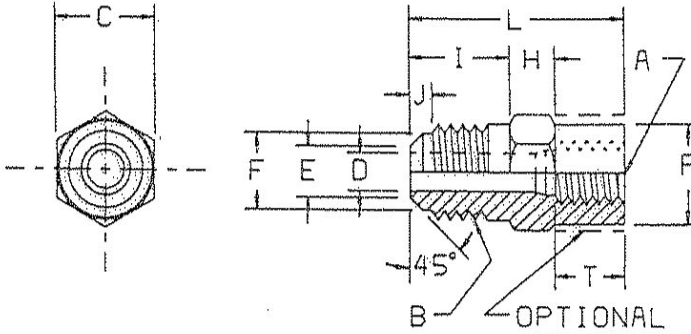
A

Tarih

İmza

DE 33000 LOKO. BORU BAĞLANTI ELEMANLARI

## 45° FLARED TUBE INTERNAL PIPE THREAD CONNECTORS

ON B/M SPECIFY-EXAMPLE:  
CONN-1/4T-3/8 FPT

BRASS - PLAIN

TUBING O. D.	1 / 4	3 / 8
A DRYSEAL THREAD	1/8 - 27	1/4 - 18
B STRAIGHT THREAD	7/16	5/8
THREADS PER INCH	20	18
MAX PITCH DIAMETER	.4037	.5875
MIN PITCH DIAMETER	.3995	.5828
MIN FULL THREAD	.41	.41
C HEXAGON WIDTH - MAX	9/16	3/4
HEXAGON WIDTH - MIN	11/16	5/8
D HOLE DIAMETER	MAX .192	MAX .287
E DIAMETER - SEAT	.219	MIN .278
F DIAMETER - NOSE	.344	.312
H HEXAGON THICKNESS - MIN	.24	.30
I END TO HEXAGON	.50	.62
J NOSE LENGTH	.16	.22
L LENGTH - MAX	1.06	1.34
LENGTH - MIN	1.00	1.28
P BODY DIAMETER - MIN	.56	.69
EMD DRAWING NUMBER	125620	8040329

BRASS - PLAIN

TUBING O. D.	1 / 2	5 / 8
A DRYSEAL THREAD	1/4 - 18	3/8 - 18
B STRAIGHT THREAD	3/4	7/8
THREADS PER INCH	16	14
MAX PITCH DIAMETER	.7079	.8270
MIN PITCH DIAMETER	.7029	.8216
MIN FULL THREAD	.66	.76
C HEXAGON WIDTH - MAX	3/4	13/16
HEXAGON WIDTH - MIN	13/16	1-1/8
D HOLE DIAMETER	MAX .412	MAX .506
E DIAMETER - SEAT	.438	MIN .497
F DIAMETER - NOSE	.641	17/32
H HEXAGON THICKNESS - MIN	3/4	.37
I END TO HEXAGON	.75	.88
J NOSE LENGTH	.25	.28
L LENGTH - MAX	1-1/2	1.53
LENGTH - MIN	1.47	1.67
P BODY DIAMETER - MIN	.81	1.00
EMD DRAWING NUMBER	8040330	128141

NOTE: WHERE THREAD RELIEF UNDERCUT IS USED, THE LAST THREAD SHALL BE CHAMFERED 1/2 TO 1 PITCH LONG FROM UNDERCUT DIAMETER AND FULL THREAD LENGTH DIMENSION MAY BE REDUCED BY ANY AMOUNT EQUAL TO 1/2 PITCH.

Hazırlayan:

ÜRÜN-ARGE /

Tarih:

3.10.2002

Sayfa

1/2

Yetiştirilme No: 1046 / 22

REVIZYON NO:00

PROSEDÜR NO:  
ÖRA SP-04.01

YÖR.TAR.

FNO:

TÜRASAS  
TEKNİK BİLGİ

T.B. 1719

Tadilat

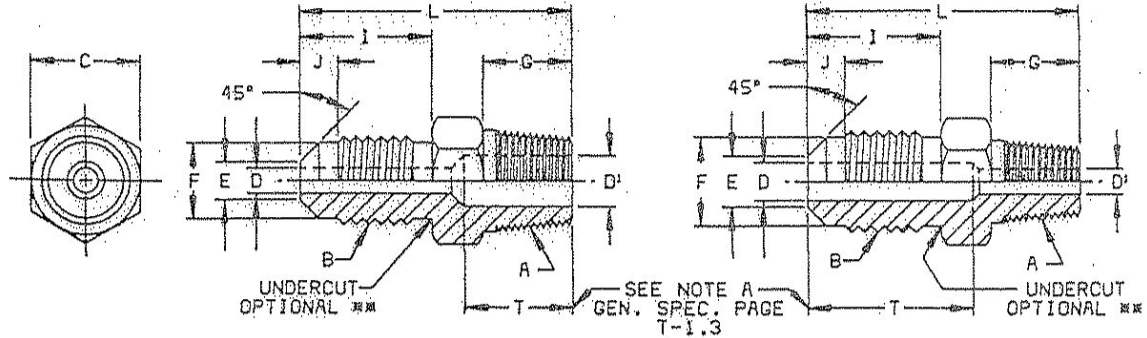
A

Tarih

İmza

KONU: DE 33000 LOKO. BORU BAĞLANTI ELEMANLARI  
REFERANS:

## 45° FLARED TUBE CONNECTORS



ON B/M SPECIFY EXAMPLE: CONN-3/8T-1/2PT

TUBING O.D.		1/4			3/8			
A	DRYSEAL THREAD	1/8-27	1/4-18	3/8-18	1/8-27	1/4-18	3/8-18	1/2-14
B	STRAIGHT THREAD		7/16				5/8	
	THREADS PER INCH		20				18	
	MAX PITCH DIAMETER		.4037				.5875	
	MIN PITCH DIAMETER		.3995				.5828	
	MIN FULL THREAD		.41				.54	
C	HEXAGON WIDTH, MAX.	7/16	9/16	11/16	3/4	5/8	3/4	7/8
	HEXAGON WIDTH, MIN.				5/8		11/16	
D	HOLE DIAMETER		.192 MAX. .186 MIN.				.287 MAX. .278 MIN.	
✱ D	HOLE DIAMETER, MAX.	3/16	3/16	13/32	7/32	9/32	13/32	9/16
E	DIAMETER, SEAT		.219				.312	
F	DIAMETER, NOSE		.344				.531	
G	LENGTH	.38	.56	9/16	3/8	.56	9/16	3/4
I	END TO HEXAGON		.50				.62	
J	NOSE LENGTH		.16				.22	
L	LENGTH	MAX.1.09 MIN.1.03	MAX.1.28 MIN.1.22	1-3/8	1-1/4	MAX.1.47 MIN.1.41	MAX.1.51 MIN.1.42	1-11/16
T	DRILL DEPTH ✱	.48	.66	3/4	53/64	.69	47/64	59/64

BRASS - PLAIN	118748	116436	8017639	8040312	118750	8040313	8037261
---------------	--------	--------	---------	---------	--------	---------	---------

TUBING O.D.		1/2				5/8			
A	DRYSEAL THREAD	1/4-18	3/8-18	1/2-14	3/4-14	1/4-18	3/8-18	1/2-14	3/4-14
B	STRAIGHT THREAD		3/4				7/8		
	THREADS PER INCH		16				14		
	MAX PITCH DIAMETER		.7079				.8270		
	MIN PITCH DIAMETER		.7029				.8216		
	MIN FULL THREAD		.66				.76		
C	HEXAGON WIDTH, MAX.	7/8	3/4	1	1-1/8	1	1	7/8	1-1/8
	HEXAGON WIDTH, MIN.	3/4		7/8	1-1/16	7/8		1-1/16	
D	HOLE DIAMETER		.412 MAX. .403 MIN.				.506 MAX. .497 MIN.		
✱ D	HOLE DIAMETER, MAX.	11/32	13/32	9/16	3/4	11/32	13/32	.568 .559	3/4
E	DIAMETER, SEAT		.438				.531		
F	DIAMETER, NOSE		.641				.750		
G	LENGTH	9/16	.56	3/4	3/4	9/16	9/16	.75	3/4
I	END TO HEXAGON		.75				.88		
J	NOSE LENGTH		.25				.28		
L	LENGTH	MAX.1.63 MIN.1.58	1.65	1-7/8	MAX.1.94 MIN.1.89	1-13/16	MAX.1.82 MIN.1.74	MAX.2.03 MIN.1.97	MAX.2.07 MIN.1.99
T	DRILL DEPTH ✱	61/64	-	1-1/32	15/16	1-5/32	1-1/8	.94	1

BRASS - PLAIN	8040317	118752	8027428	8040319	8040320	8040321	116487	8040322
---------------	---------	--------	---------	---------	---------	---------	--------	---------

✱ DRILL DEPTH (T) IS MAXIMUM FOR THE DIAMETER D' SHOWN. FOR SMALLER D' DIAMETER, USE THE FORMULA ON PAGE T-1.3 TO OBTAIN THE MAXIMUM DEPTH DIMENSION.  
 ✱ NOTE WHERE THREAD RELIEF UNDERCUT IS USED, THE LAST THREAD SHALL BE CHAMFERED 1/2 TO 1 PITCH LONG FROM UNDERCUT DIAMETER AND FULL THREAD LENGTH DIMENSION MAY BE REDUCED BY ANY AMOUNT EQUAL TO 1/2 PITCH.  
 FOR GENERAL SPECIFICATIONS SEE PAGE T-1.2.

Hazırlayan:

ORON-ARGE /

Tarih:

3.10.2002

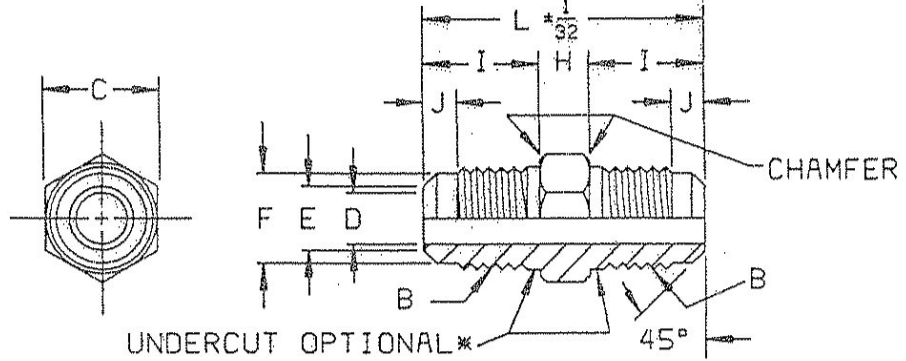
Sayfa

2/3

Yer No / Sıra No  
1046 / 22

REVİZYON NO:00	<h1 style="text-align: center;">TÜRASAS</h1> <h2 style="text-align: center;">TEKNİK BİLGİ</h2>	T.B.1719		
PROSEDÜR NO: ORA-SP-04.01		Tadilat	A	
YÜR.TAR.		Tarih		
FNO:		İmza		
KONUSU: <b>DE 33000 LOKO. BORU BAĞLANTI ELEMANLARI</b> REFERANS:				

### 45° FLARED TUBE UNIONS



ON B/M SPECIFY-EXAMPLE: UNION-1/2 TUBE

TUBING O.D.		1/4	3/8	1/2	5/8
B	STRAIGHT THREAD	7/16	5/8	3/4	7/8
	THREADS PER INCH	20	18	16	14
	MAX. PITCH DIAMETER	.4037	.5875	.7079	.8270
	MIN. PITCH DIAMETER	.3995	.5828	.7029	.8216
	MIN. FULL THREAD	.41	.54	.66	.76
C	HEXAGON WIDTH, BASIC	7/16	5/8	3/4	7/8
	HOLE DIAMETER, MAX.	.192	.287	.412	.506
D	HOLE DIAMETER, MIN.	.186	.278	.403	.497
E	DIAMETER, SEAT	.219	.312	.438	.531
F	DIAMETER, NOSE	.344	.531	.641	.750
H	HEXAGON THICKNESS	.18	.24	.30	.37
I	END TO HEXAGON	.50	.62	.75	.88
J	NOSE LENGTH	.16	.22	.25	.28
L	LENGTH, MAX.	1.22	1.53	1.84	2.15
	LENGTH, MIN.	1.16	1.47	1.78	2.09
BRASS - PLAIN		118800	118802	118804	118467

Hazırlayan:

ÖRÜN-ARGE /

Tarih:

Sayfa

3/3

Yür No / Sıra No  
 1046 / 22  
 ON BİS ON İGA