

**Tombstone®
Round Risers Type X**

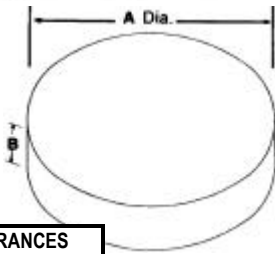
Tombstone® Round Riser Blocks
GAIN THE EDGE USE THAT CENTER SPACE!

TYPE X

UCC-TRP
PLAIN NO HOLES



ONE-PIECE HEAVY
DUTY
CONSTRUCTION
ENSURES
DURABILITY



UNITED PREFIX NO. UCC-TRP	TOLERANCES STANDARD LOOSE	
A & B SIZE	±.002	AS CAST
✓ FINISH	63 RMS	125 RMS
== PARALLELISM	±.002	±.003

CUSTOMIZE
TO YOUR
NEEDS.

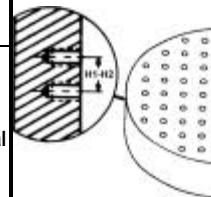
UCC-TRQ
QUALIFIED HOLES
BORED and TAPPED



Bored at top and tapped at bottom on a 1" or 2" grid: 5/8 bore with 1/2-13 tap; 3/4 bore with 5/8-11 tap; 7/8 bore with 3/4-10 tap

ROUNDS CAN BE MOUNTED SQUARELY IN
THE CENTER OF THE PALLET

UNITED PREFIX NO. UCC-TRQ	TOLERANCES STANDARD LOOSE		HOLES Available in Conventional Tolerances Only
	H ₁ -H ₂ HOLE to Adjacent Hole	H HOLE to Any Hole on Grid	
	±.0005	±.0015	
BS BORE Size Location from Datum	±.0005 ±.002		



PART PREFIX	DESCRIPTION
UCC-TRP	Plain
UCC-TRQ	Qualified Bored Tapped
UCC-TRTS	T-Slots
UCC-TRT	Tapped
UCC-TRS	Any Combo of Above

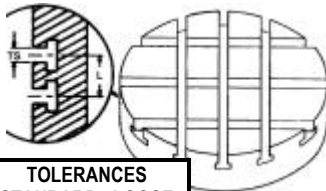
ADD PREFIX TO
PART NUMBERS.

PART NO.	A	B
14144	14	4
14145	14	5
14146	14	6
14147	14	7
16164	16	4
16165	16	5
16166	16	6
16167	16	7
18184	18	4
18185	18	5
18186	18	6
18187	18	7
20204	20	4
20205	20	5
20206	20	6
20207	20	7
22224	22	4
22225	22	5
22226	22	6
22227	22	7
24244	24	4
24245	24	5
24246	24	6
24247	24	7
30304	30	4
30305	30	5
30306	30	6
30307	30	7
32324	32	4
32325	32	5
32326	32	6
32327	32	7

UCC-TRTS
T-SLOTS NO HOLES



QUICK, EASY
AND
DEPENDABLE
SETUPS EVERY
TIME



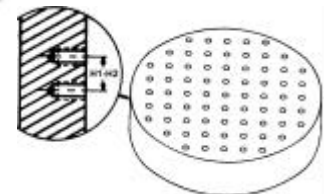
UNITED PREFIX NO. UCC-TRTS	TOLERANCES STANDARD LOOSE	
TS T-SLOT SIZE	±.0008	±.010
L LOCATION	±.0015	±.010

SLOTTED
TO YOUR
DIMENSIONS

UCC-TRT
TAPPED HOLES



TAPPED HOLES WITH ANY SIZE ON A
1" or 2" GRID SPACING GIVES YOU
PRECISION EVERY TIME IN LESS TIME

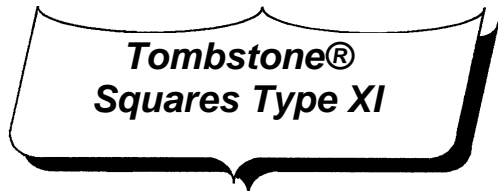


UNITED PREFIX NO. UCC-TRT	TOLERANCES STANDARD LOOSE	
H ₁ -H ₂ HOLE to Adjacent Hole	±.005	±.005

FOR HIGH VOLUME JOBS
WITH OPERATIONS
PERFORMED REPEATEDLY

Tombstone® Square Riser Blocks

FOUR FACES AND STYLES TO GET HIGH VOLUME,
LOW COST & INCREASED PROFITS



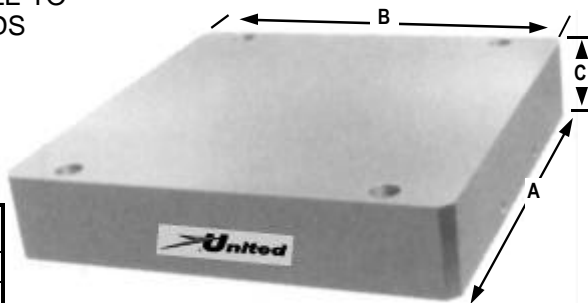
TYPE XI

SQUARE AND
RECTANGULAR
RISER BLOCKS YOU
CAN CUSTOMIZE TO
FIT YOUR NEEDS

ADD UNITED'S
PREFIX TO THE
FOLLOWING
PART NUMBERS

PART NO.	A	B	C
14144	14	14	4
14145	14	14	5
14146	14	14	6
14147	14	14	7
14205	14	20	5
15304	15	30	4
15404	15	40	4
16164	16	16	4
16165	16	16	5
16166	16	16	6
16167	16	16	7
16783	16	78	3
18184	18	18	4
18185	18	18	5
18186	18	18	6
18187	18	18	7
18244	18	24	4
18304	18	30	4
18364	18	36	4
1843.54	18	43.5	4
20204	20	20	4
20205	20	20	5
20206	20	20	6
20207	20	20	7
20444	20	44	4
21.5556	21.5	55	6
22224	22	22	4
22225	22	22	5
22226	22	22	6
22227	22	22	7
24244	24	24	4
24245	24	24	5
24246	24	24	6
24247	24	24	7
24326	24	32	6
30304	30	30	4
30305	30	30	5
30306	30	30	6
30307	30	30	7
32324	32	32	4
32325	32	32	5
32326	32	32	6
32327	32	32	7

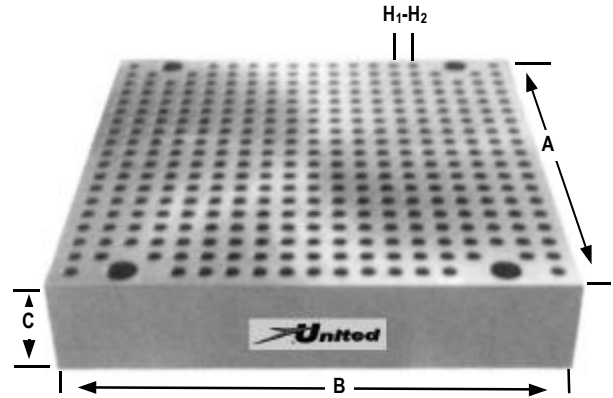
UCC-TSP PLAIN NO HOLES



PART PREFIX	DESCRIPTION
UCC-TSP	Plain
UCC-TSQ	Qualified Bored Tapped
UCC-TSTS	T-Slots
UCC-TST	Tapped
UCC-TSS	Any Combo of Above

UNITED PREFIX NO. UCC-TSP	TOLERANCES	
	STANDARD	LOOSE
A & B SIZE	±.002	AS CAST
✓ FINISH	63 RMS	125 RMS
== PARALLELISM	±.002	±.003

UCC-TSQ QUALIFIED HOLES BORED AND TAPPED



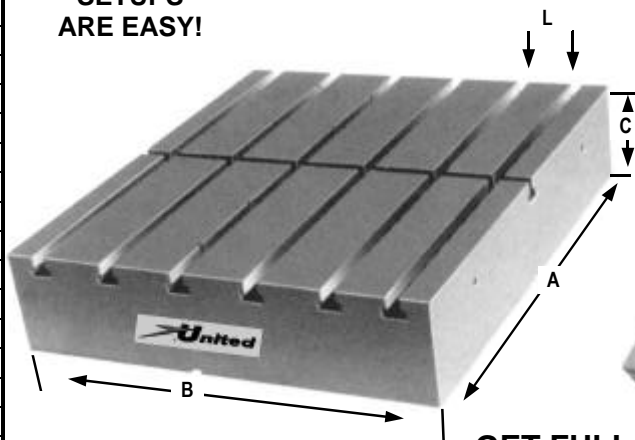
USE THAT
WASTED
CENTER
SPACE TO
YOUR
ADVANTAGE!

LESS SETUP TIME

UNITED PREFIX NO. UCC-TSQ	TOLERANCES	STANDARD	LOOSE
H ₁ -H ₂ HOLE to Adjacent Hole	±.0005	HOLES Available in Conventional Tolerances Only	
H HOLE to Any Hole on Grid	±.0015		
BS BORE Size Location from Datum	±.0005 ±.002		

UCC-TSTS T-SLOTS NO HOLES

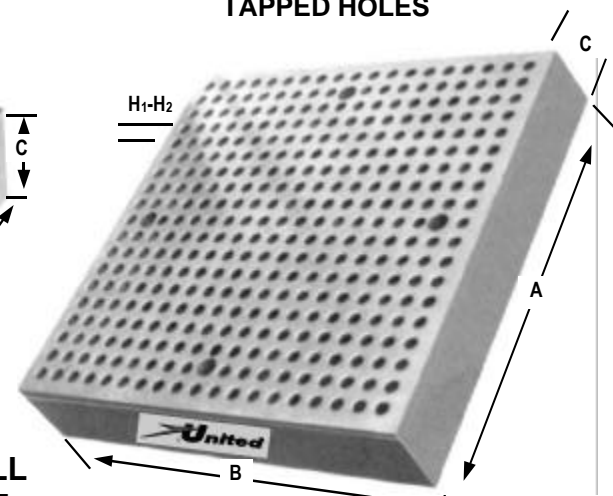
REPEATED
SETUPS
ARE EASY!



HEAVY
DUTY

UNITED PREFIX NO. UCC-TSTS	TOLERANCES	STANDARD	LOOSE
TS T-SLOT SIZE	±.0008	±.010	
L LOCATION	±.0015	±.010	

UCC-TST TAPPED HOLES



GET FULL
USE OF
YOUR
MACHINE'S
INDEXING
CAPACITY

CAN BE MOUNTED SQUARELY
IN THE CENTER OF THE PALLET

UNITED PREFIX NO. UCC-TST	TOLERANCES	STANDARD	LOOSE
H ₁ -H ₂ HOLE to Adjacent Hole	±.005	±.005	

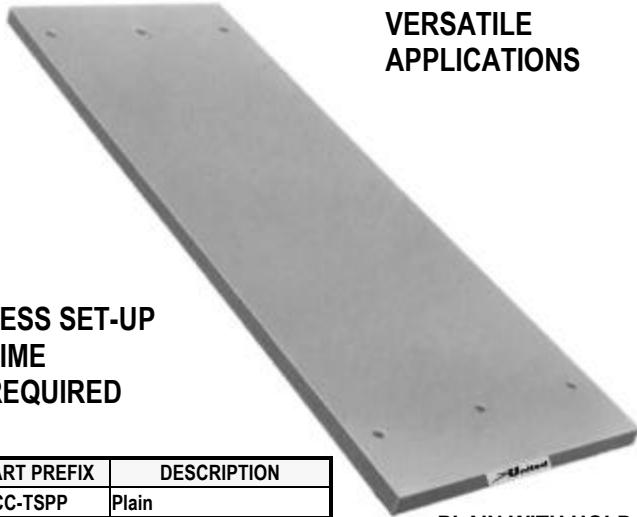
UNITED LETS YOU WORK SMACK DAB CENTER TO EXPAND YOUR CAPACITY!

**Tombstone®
Sub-Plates**

Tombstone® SubPlates

TYPE XII

UCC-TSPP
PLAIN NO HOLES



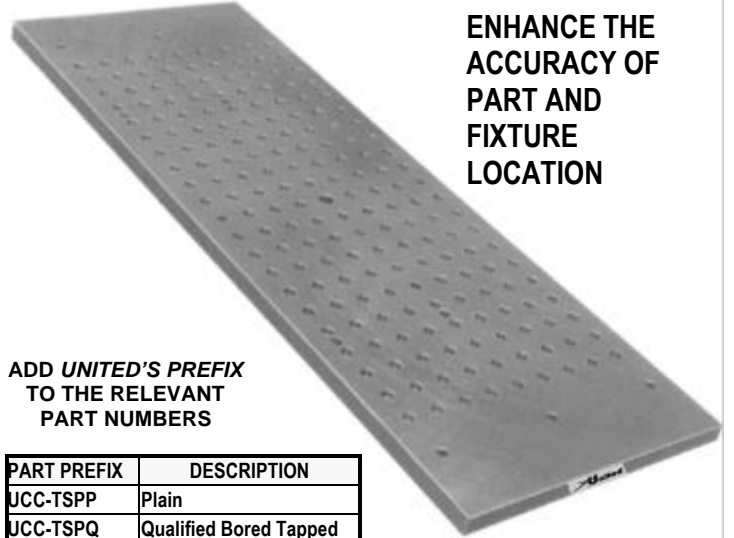
**VERSATILE
APPLICATIONS**

**LESS SET-UP
TIME
REQUIRED**

PART PREFIX	DESCRIPTION
UCC-TSPP	Plain
UCC-TSPQ	Qualified Bored Tapped
UCC-TSPTS	T-Slots
UCC-TSPT	Tapped
UCC-TSPS	Any Combo of Above

**PLAIN WITH HOLD
DOWN HOLES
TO SET UP
AS YOU SEE FIT**

UCC-TSPQ
QUALIFIED HOLES
BORED and TAPPED



Refer to Page E11 for sizes.

**ENHANCE THE
ACCURACY OF
PART AND
FIXTURE
LOCATION**

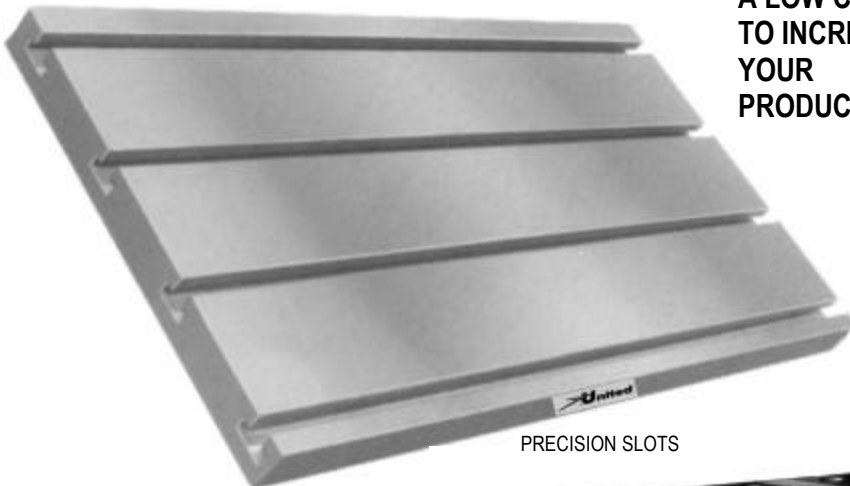
ADD *UNITED'S PREFIX*
TO THE RELEVANT
PART NUMBERS

PART PREFIX	DESCRIPTION
UCC-TSPP	Plain
UCC-TSPQ	Qualified Bored Tapped
UCC-TSPTS	T-Slots
UCC-TSPT	Tapped
UCC-TSPS	Any Combo of Above

BETTER HOLDING POINTS

SINGLE PIECE STRESS-RELIEVED
MEEHANITE, CAST IRON,
ALUMINUM OR STEEL PLATES
ALL SIZES ARE IN INCHES.

UCC-TSPTS
T-SLOTS NO HOLES



PRECISION SLOTS

**A LOW COST WAY
TO INCREASE
YOUR
PRODUCTIVITY**

PART PREFIX	DESCRIPTION
UCC-TSPP	Plain
UCC-TSPQ	Qualified Bored Tapped
UCC-TSPTS	T-Slots
UCC-TSPT	Tapped
UCC-TSPS	Any Combo of Above

Refer to Riser Block Page E11 for Tolerances,
Parallelism and Material Finish. Select sizes
you require and use desired Prefix listed here.

**EXPAND THE NUMBER OF
LOCATING POINTS**

UCC-TSPT
TAPPED HOLES



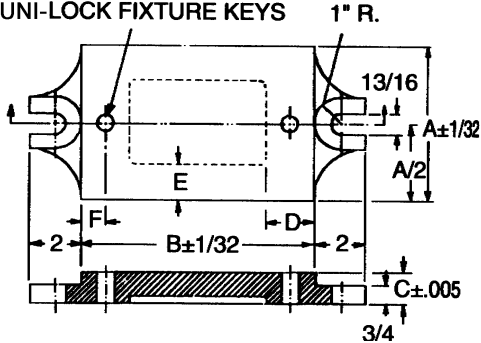
Available in Standard or Loose Tolerances shown
on Riser Block Page E11.

**USE WITHOUT
SPECIAL FIXTURES**

UNITED's Ideal Mill Fixture Bases

Mill Fixture Bases

.625 BORE - 2 HOLES FOR
UNI-LOCK FIXTURE KEYS



UDB-990431 Series MILL FIXTURE BASE

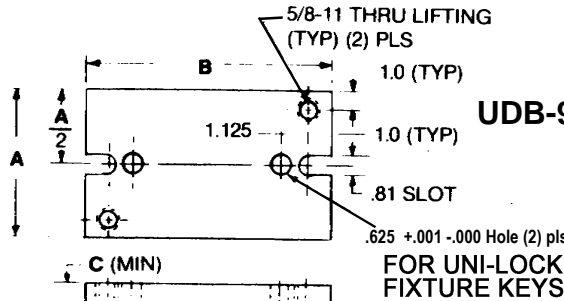
IDEAL FOR
MOST MILL
FIXTURES!

Refer to page E22 for
UNI-LOCK FIXTURE
KEYS



PART NO.	A	B	C	D	E	F
UDB-990431	6	9	1-1/4	1-7/8	1-3/8	15/16
UDB-990433	8	12	1-3/8	2	1-5/8	1
UDB-990435	10	15	1-1/2	2	1-3/4	1
UDB-990437	12	18	1-3/4	2-1/4	2	1-1/8

CAST IRON ASTM CLASS 40 NORMALIZED. FACE IS GROUND
FLAT AND PARALLEL TO BASE WITHIN .002 INCHES.
UNI-LOCK FIXTURE KEY HOLES ARE JIG BORED .0625.
REFER TO PAGE E22. TANGS ARE SLOTTED FOR MACHINE
TABLE MOUNTING.



GENERAL PURPOSE MILL FIXTURE BASE PLATE

UDB-990401 Series

REFERENCE
UT-904

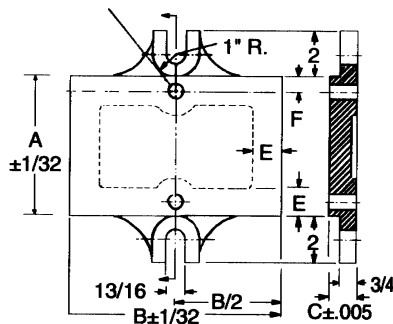
Refer to page E22
for UNI-LOCK
FIXTURE KEYS



PART NO.	A	B	C	MATERIAL THICKNESS
UDB-990401	10	16.0	0.8	1.0
UDB-990402	10	16.0	1.3	1.5
UDB-990403	12	20.0	0.8	1.0
UDB-990404	12	20.0	1.3	1.5
UDB-990405	14	24.0	0.8	1.0
UDB-990406	14	24.0	1.3	1.5
UDB-990407	18	36.0	1.3	1.5
UDB-990408	18	36.0	1.6	1.75

JIG BORED FOR .625 UNI-LOCK FIXTURE KEYS. SLOTTED
HOLES FOR MOUNTING TOP AND BOTTOM. PRECISION
GROUND FLAT AND PARALLEL.
ADD "S" TO PART NUMBER FOR STEEL. ADD "A" FOR
ALUMINUM. STEEL ASTM-36, ALUM 6061-T6/T57.

.625 BORE - 2 HOLES FOR
UNI-LOCK FIXTURE KEYS



UDB-990421 Series GANG MILL FIXTURE BASE

PRECISION GROUND
.002 PARALLELISM

Refer to page E22 for
UNI-LOCK FIXTURE
KEYS

SAME I.D. FACE
CHARACTERISTICS AS THE
CAST IRON MILL FIXTURE
BASE, EXCEPT
THE LONGEST BASE
DIMENSION IS
PERPENDICULAR TO THE
MACHINE TABLE SLOTS.



ASTM CLASS 35 CAST IRON

PART NO.	A	B	C	D	E	F
UDB-990421	6	9	1-1/4	1-1/4	1-1/4	5/8
UDB-990423	8	12	1-3/8	1-1/4	1-1/4	5/8
UDB-990425	10	15	1-1/2	1-3/8	1-3/8	11/16