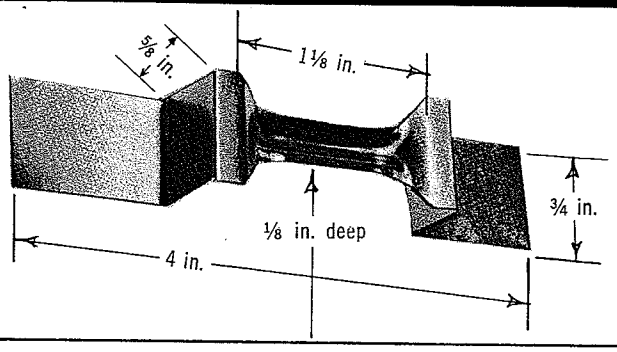
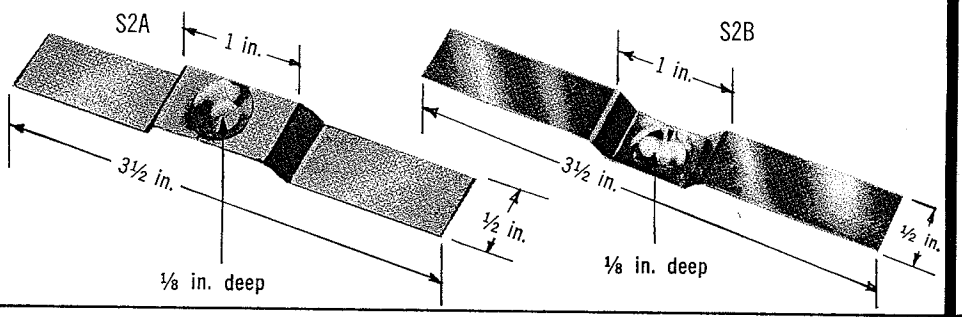
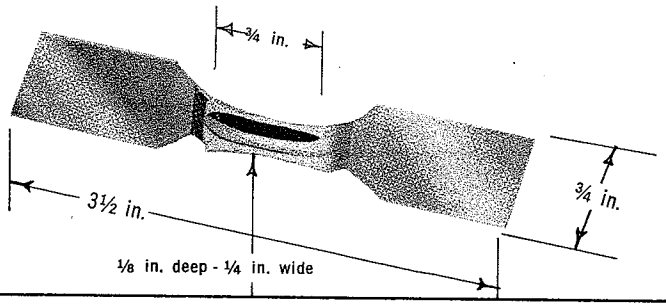
TUNGSTEN-TANTALUM-MOLYBDENUM BOAT SOURCES



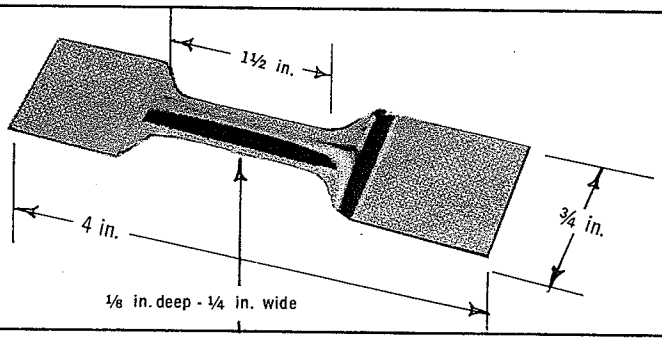
S1—.005W
S1—.010W
S1—.015W
S1—.005Ta
S1—.010Ta
S1—.005Mo
S1—.010Mo



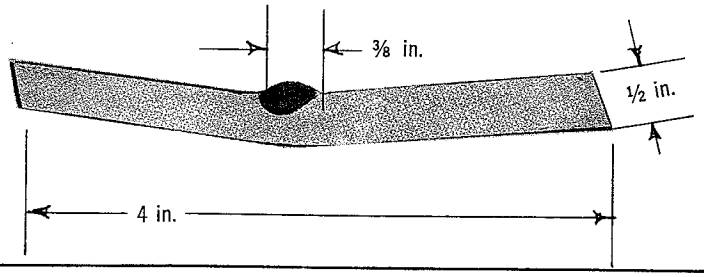
S2A—.005W	S2B—.005W
S2A—.010W	S2B—.010W
S2A—.015W	S2B—.015W
S2A—.005Ta	S2B—.005Ta
S2A—.010Ta	S2B—.010Ta
S2A—.005Mo	S2B—.005Mo
S2A—.010Mo	S2B—.010Mo



S3—.005W
S3—.010W
S3—.015W
S3—.005Ta
S3—.010Ta
S3—.005Mo
S3—.010Mo



S4—.005W
S4—.010W
S4—.015W
S4—.005Ta
S4—.010Ta
S4—.005Mo
S4—.010Mo

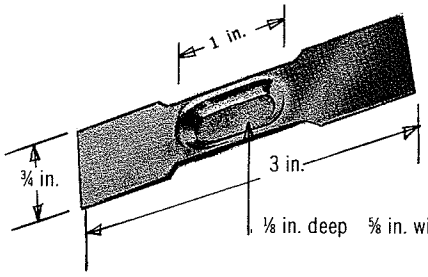


S5—.005 Ta
S5—.010 Ta
S5—.005 Mo
S5—.010 Mo

W = Tungsten Ta = Tantalum Mo = Molybdenum

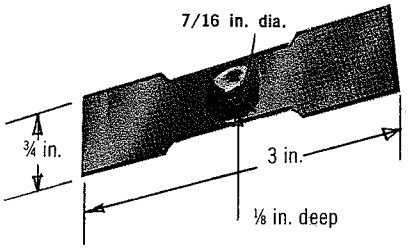
TUNGSTEN-TANTALUM-MOLYBDENUM

S6—.005 W
S6—.010W
S6—.005 Ta
S6—.010 Ta
S6—.005 Mo
S6—.010 Mo



S6 PAN BOAT

S7—.010 W
S7—.005 Ta
S7—.010 Ta
S7—.005 Mo
S7—.010 Mo

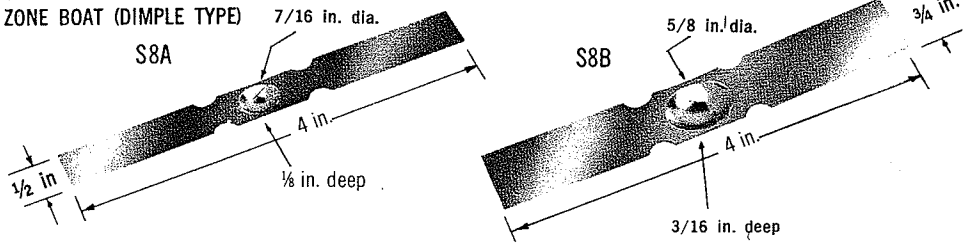


S7 DIMPLE BOAT

S8A—.005W
S8A—.010W
S8A—.015W
S8A—.005Ta
S8A—.010 Ta
S8A—.005Mo
S8A—.010Mo

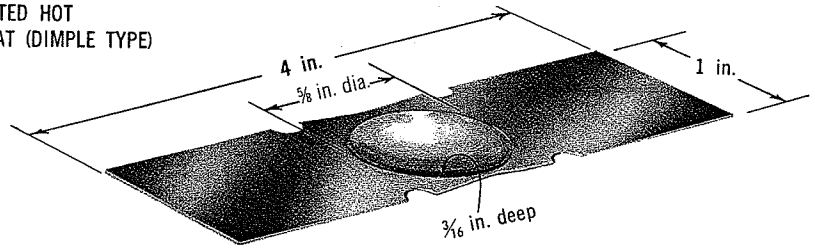
S8B—.005W
S8B—.010W
S8B—.015W
S8B—.005 Ta
S8B—.010 Ta
S8B—.005 Mo
S8B—.010 Mo

S8 ISOLATED HOT ZONE BOAT (DIMPLE TYPE)



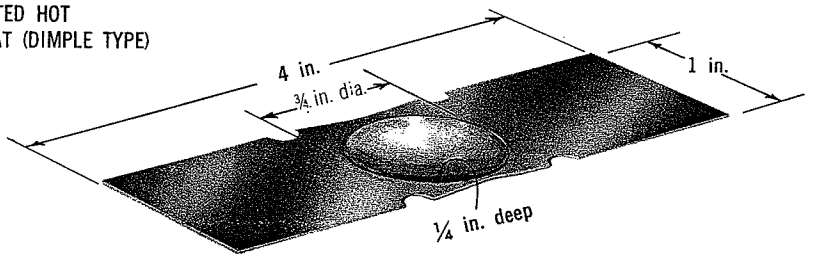
S8C—.010W
S8C—.010Ta
S8C—.015Ta
S8C—.010Mo
S8C—.015Mo

S8 ISOLATED HOT ZONE BOAT (DIMPLE TYPE)



S8D—.010W
S8D—.010Ta
S8D—.015Ta
S8D—.010Mo
S8D—.015Mo

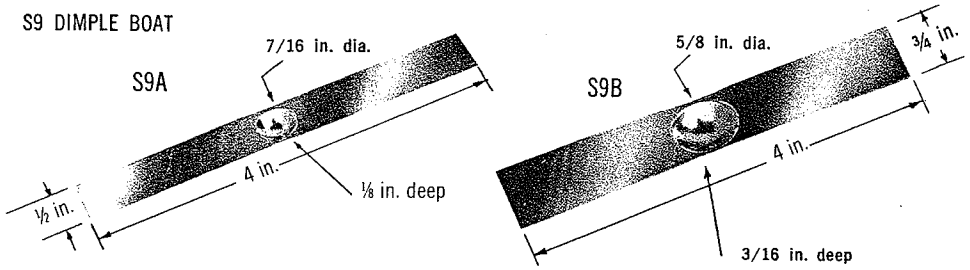
S8 ISOLATED HOT ZONE BOAT (DIMPLE TYPE)



S9A—.005W
S9A—.010W
S9A—.015W
S9A—.005Ta
S9A—.010Ta
S9A—.005Mo
S9A—.010Mo

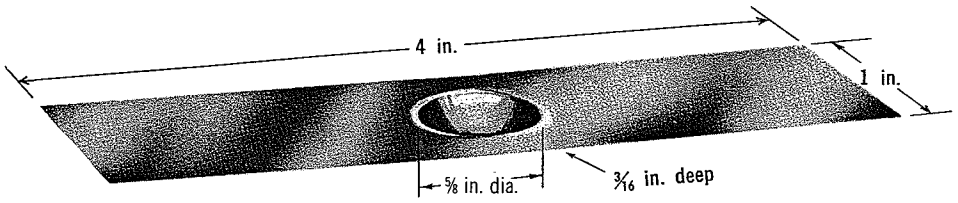
S9B—.005W
S9B—.010W
S9B—.015W
S9B—.005Ta
S9B—.010Ta
S9B—.005Mo
S9B—.010Mo

S9 DIMPLE BOAT

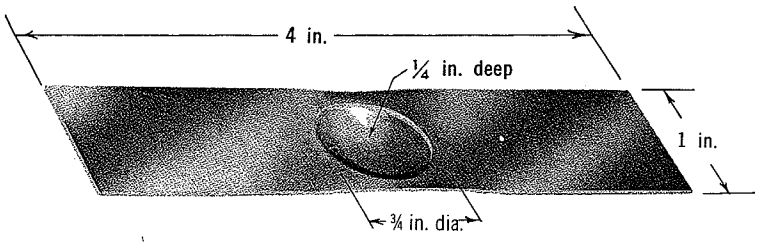


TUNGSTEN-TANTALUM-MOLYBDENUM BOAT SOURCES

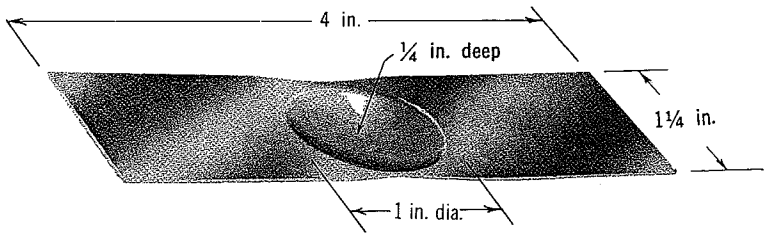
S9C—.010W
S9C—.010Ta
S9C—.015Ta
S9C—.010Mo
S9C—.015Mo



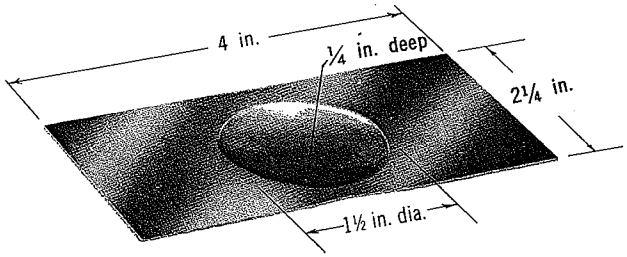
S9D—.010W
S9D—.010Ta
S9D—.015Ta
S9D—.025Ta
S9D—.010Mo
S9D—.015Mo



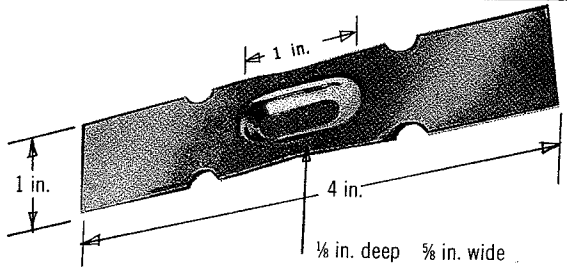
S9E—.010W
S9E—.010Ta
S9E—.015Ta
S9E—.025Ta
S9E—.010Mo
S9E—.015Mo



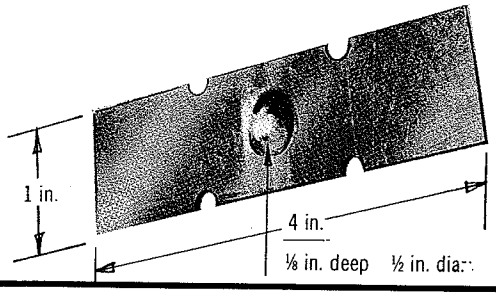
S9F—.010W
S9F—.010Ta
S9F—.015Ta
S9F—.025Ta
S9F—.010Mo
S9F—.015Mo



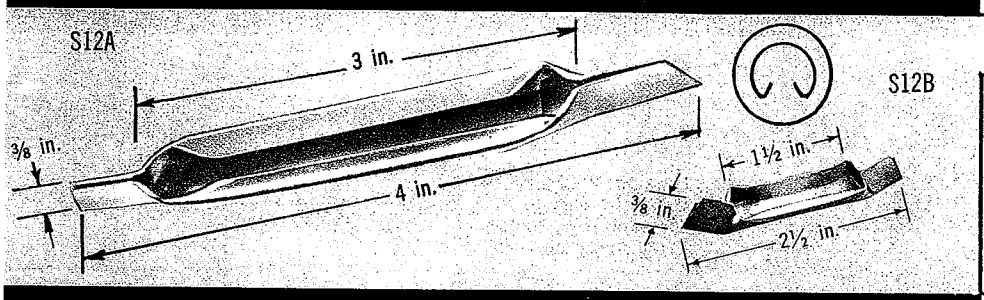
S10—.005W
S10—.010W
S10—.005Ta
S10—.010Ta
S10—.005Mo
S10—.010Mo



S11—.005W
S11—.010W
S11—.005Ta
S11—.010Ta
S11—.005Mo
S11—.010Mo

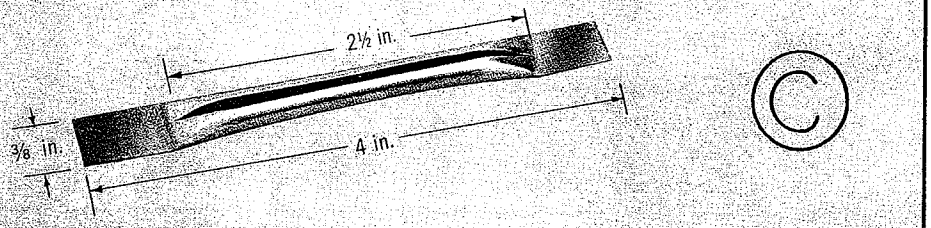


BOAT SOURCES

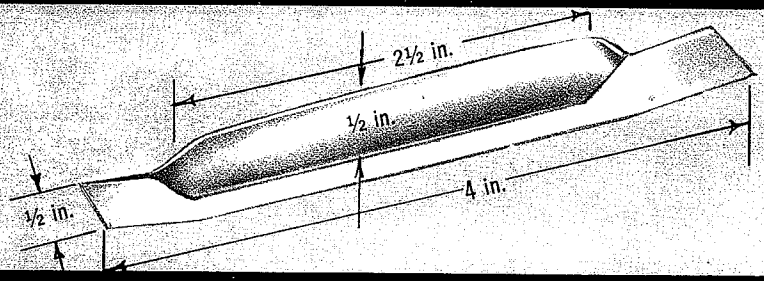


S12A - .005Ta
S12A - .010Ta
S12A - .005Mo
S12A - .010Mo

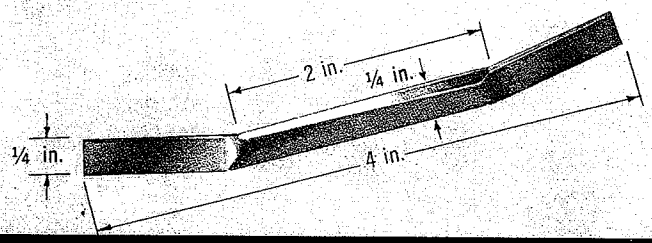
S12B - .005Ta
S12B - .010Ta
S12B - .005Mo
S12B - .010Mo



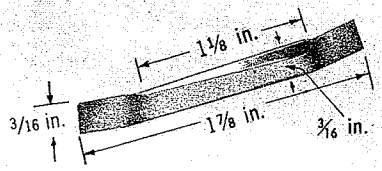
S13—.005 Ta
S13—.010 Ta
S13—.005 Mo
S13—.010 Mo



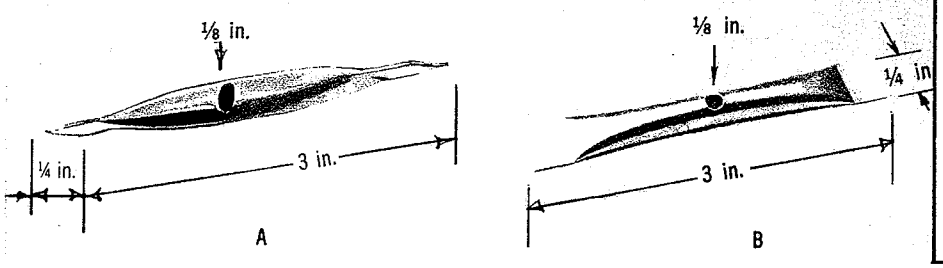
S14—.005 W
S14—.010 W
S14—.015W
S14—.005 Ta
S14—.010 Ta
S14—.005 Mo
S14—.010 Mo



S15—.005 W
S15—.010 W
S15—.015W
S15—.005 Ta
S15—.010 Ta
S15—.005 Mo
S15—.010 Mo

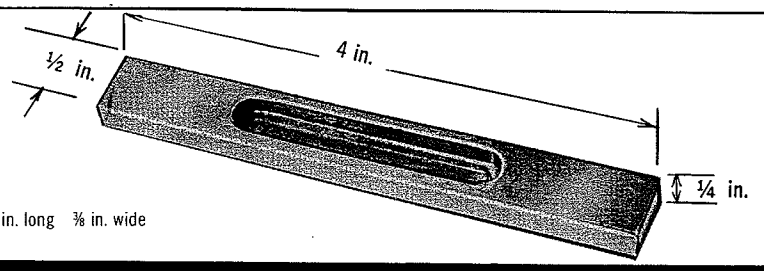


S16—.005 W
S16—.010 W
S16—.005 Ta
S16—.010 Ta
S16—.005 Mo
S16—.010 Mo



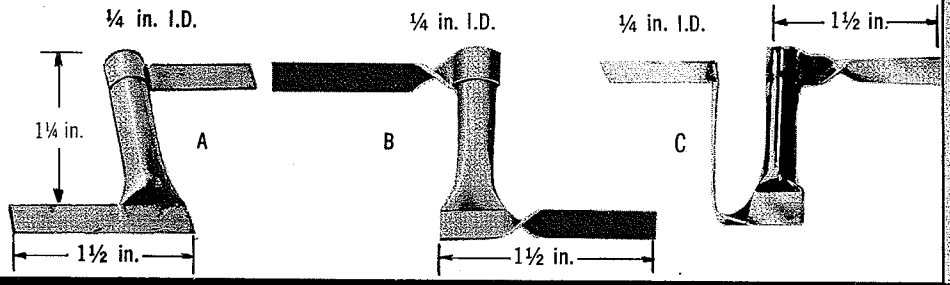
S17A—.005Ta
S17B—.005Ta
S17A—.010Ta
S17B—.010Ta

BOAT SOURCES



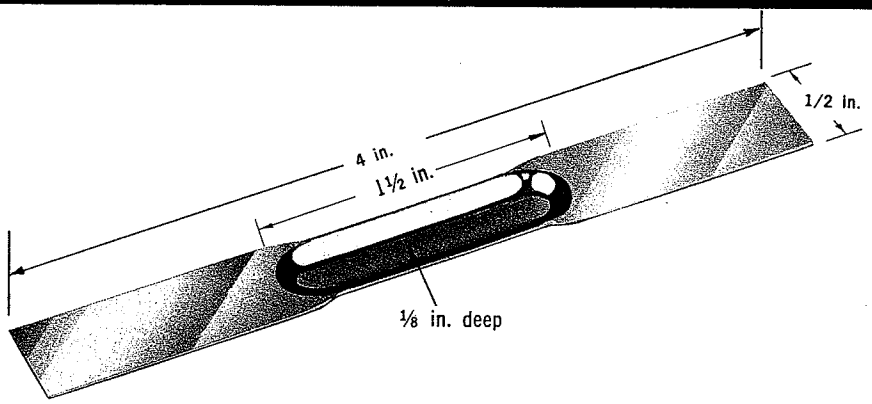
cavity 2 in. long ⅜ in. wide

S18—Mo Molybdenum
S18—C Carbon

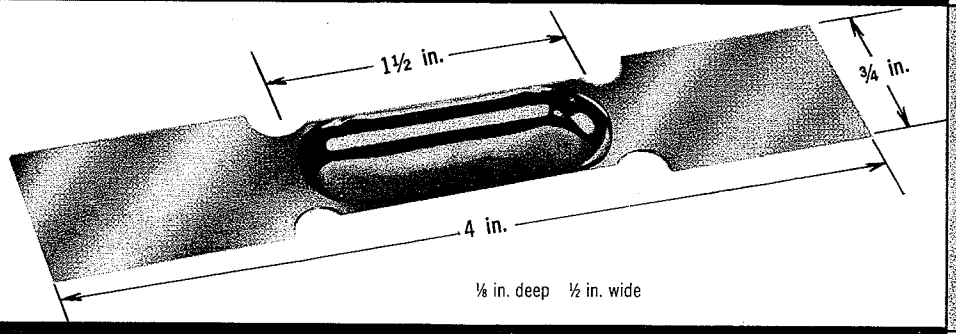


S19A—Ta Tantalum
S19B—Ta Tantalum
S19C—Ta Tantalum

Height—1½ in.

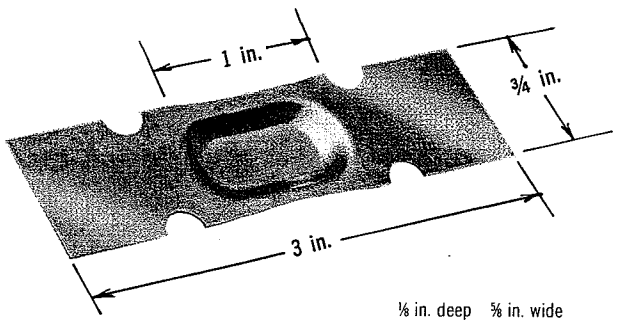


S20A—.005W
S20A—.010W
S20A—.015W
S20A—.005Ta
S20A—.010Ta
S20A—.005Mo
S20A—.010Mo



⅛ in. deep ½ in. wide

S21—.005W
S21—.010W
S21—.005Ta
S21—.010Ta
S21—.005Mo
S21—.010Mo



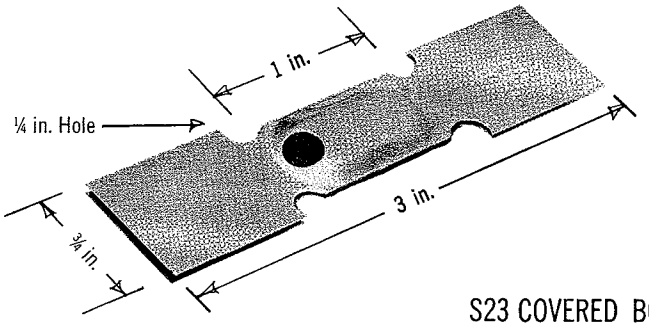
⅛ in. deep ⅝ in. wide

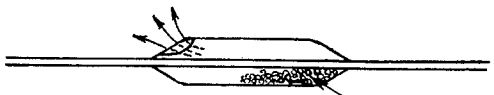
S22—.005W
S22—.010W
S22—.005Ta
S22—.010Ta
S22—.005Mo
S22—.010Mo

BOAT SOURCES

.005Ta over-wrap available for sealing edges

VIN KAROLA INSTRUMENTS
P.O. Box 922273, Norcross, GA 30010-2273

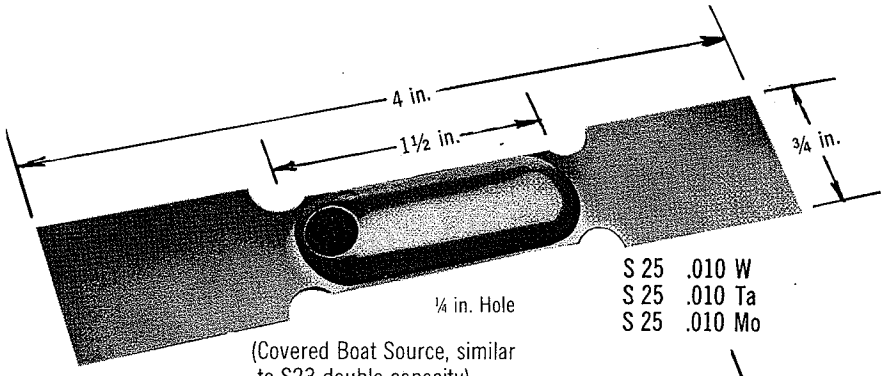




S23 .010W
S23 .010Ta
S23 .010Mo

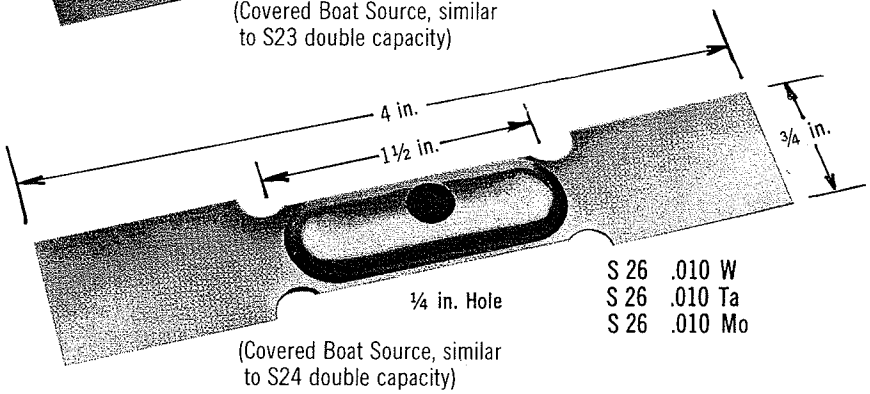
S23 COVERED BOAT SOURCE

(2 pcs. Top / Bottom)



S 25 .010 W
S 25 .010 Ta
S 25 .010 Mo

(Covered Boat Source, similar to S23 double capacity)

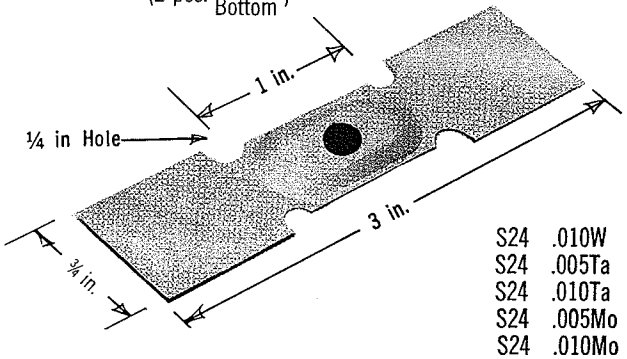


S 26 .010 W
S 26 .010 Ta
S 26 .010 Mo

(Covered Boat Source, similar to S24 double capacity)

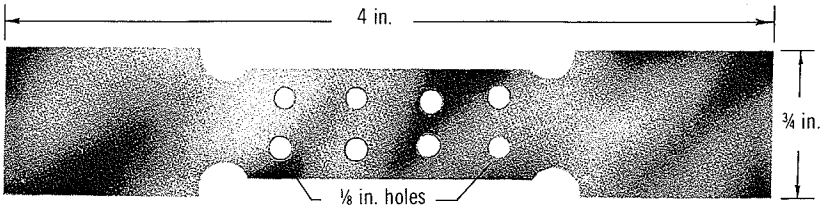
COVERED BOAT SOURCES

(2 pcs. Top / Bottom)

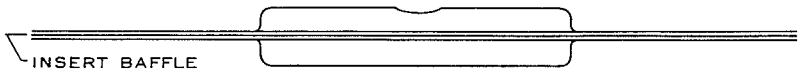


S24 .010W
S24 .005Ta
S24 .010Ta
S24 .005Mo
S24 .010Mo

S33 INSERT BAFFLE FOR S25 & S26 COVERED BOAT SOURCES



S33 .005W
S33 .005Ta
S33 .005Mo



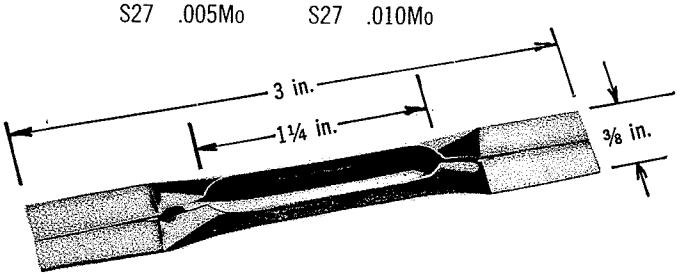
Insert fits between top and bottom of S25 & S26 Covered Boat Sources providing additional baffling, reducing spitting.

THE R.D. MATHIS COMPANY

BOAT SOURCES

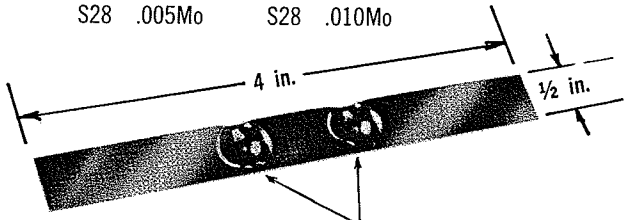
S27 .005W
S27 .005Ta
S27 .005Mo

S27 .010W
S27 .010Ta
S27 .010Mo



S28 .005W
S28 .005Ta
S28 .005Mo

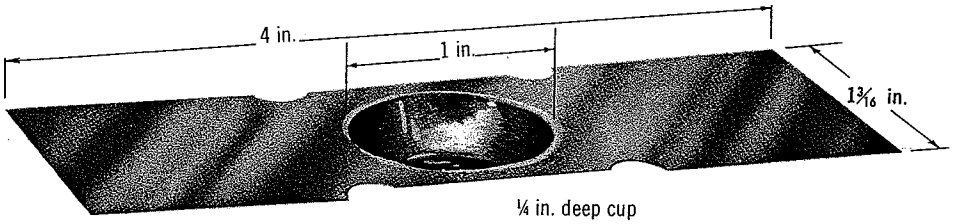
S28 .010W
S28 .010Ta
S28 .010Mo



S28 DIMPLE BOAT ⅛ in. deep

S29 - DEEP CUP BOAT

S29 .010W
S29 .005Ta
S29 .010Ta
S29 .015Ta
S29 .005Mo
S29 .010Mo

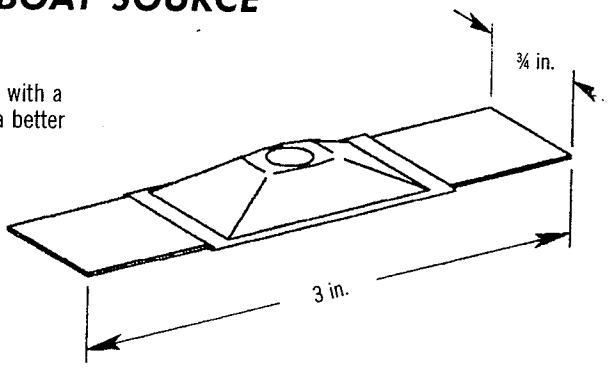


¼ in. deep cup

WRAPPED / COVERED BOAT SOURCE

S30A .005W
S30A .010W
S30A .005Ta
S30A .010Ta

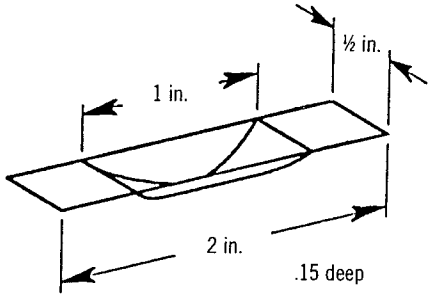
NOTE: Boat consists of a S24 source with a .005Ta over-wrap to provide a better seal between the two halves.



ELONGATED DIMPLE BOAT

VOLUME 1CC

S31A .005W
S31A .010W
S31A .015W
S31A .005Ta
S31A .010Ta
S31A .015Ta
S31A .005Mo
S31A .010Mo
S31A .015Mo

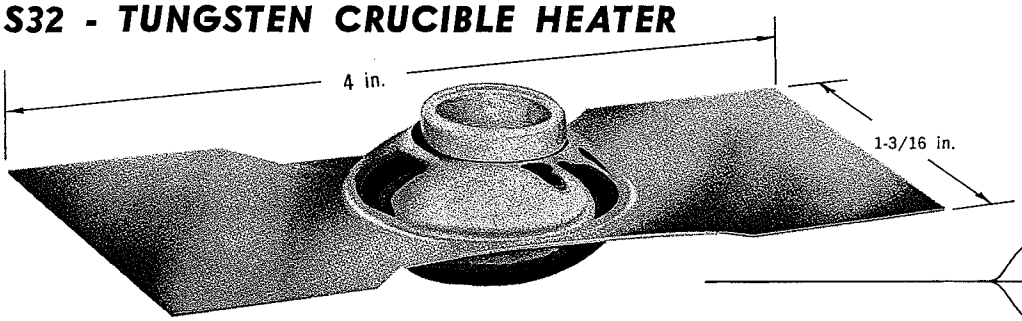


W = Tungsten Ta = Tantalum Mo = Molybdenum

THE R.D. MATHIS COMPANY

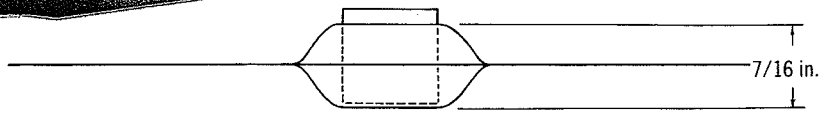
TUNGSTEN, MOLYBDENUM AND TANTALUM BOATS

S32 - TUNGSTEN CRUCIBLE HEATER



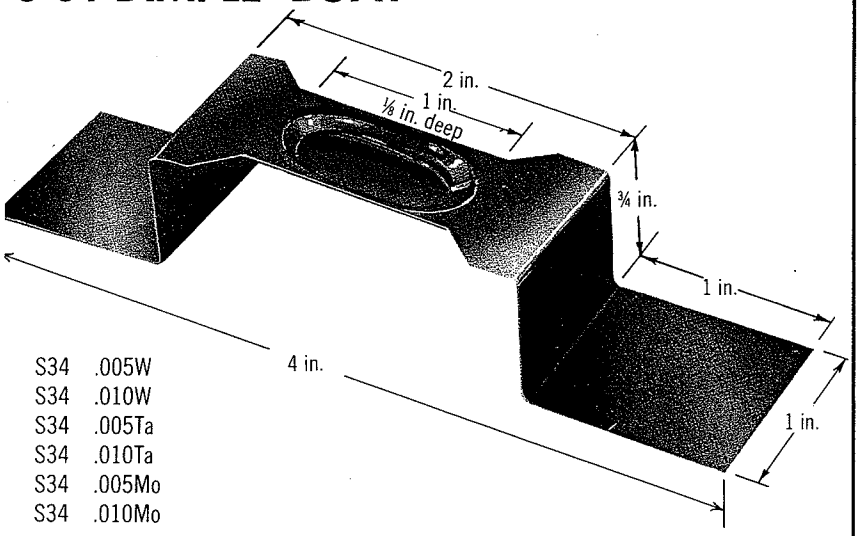
S32 .010W

Accommodates
C1 and C9 Crucibles



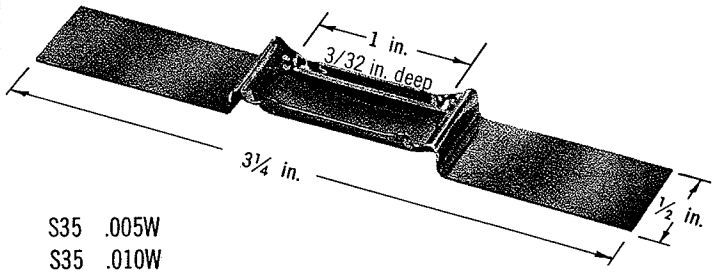
TEMPERATURES IN EXCESS OF 2000°C (2 pcs. .010W-TOP .010W-BOTTOM)

S 34 DIMPLE BOAT



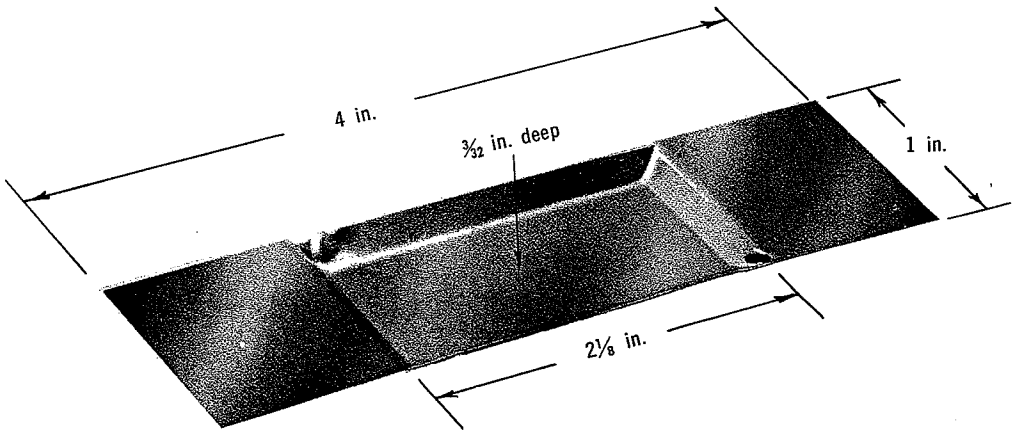
S34 .005W
S34 .010W
S34 .005Ta
S34 .010Ta
S34 .005Mo
S34 .010Mo

S 35 FLAT BOAT



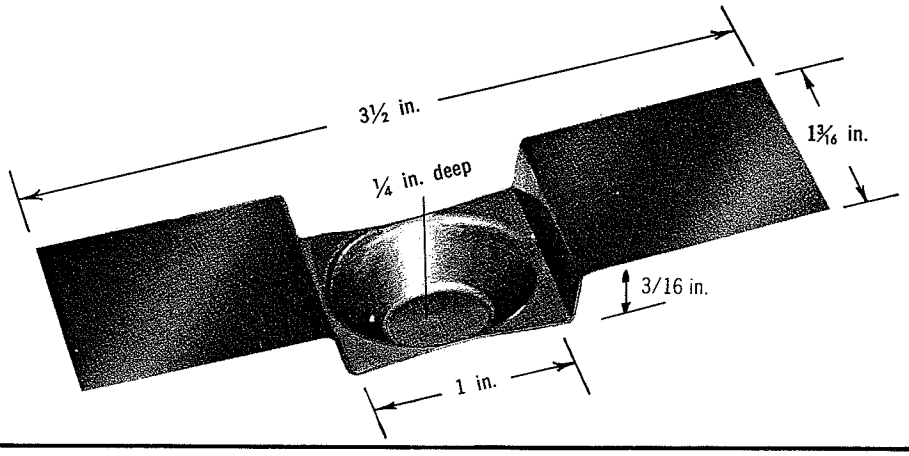
S35 .005W
S35 .010W
S35 .005Ta
S35 .010Ta
S35 .005Mo
S35 .010Mo

S36 .010W
S36 .010Ta
S36 .015Ta
S36 .010Mo

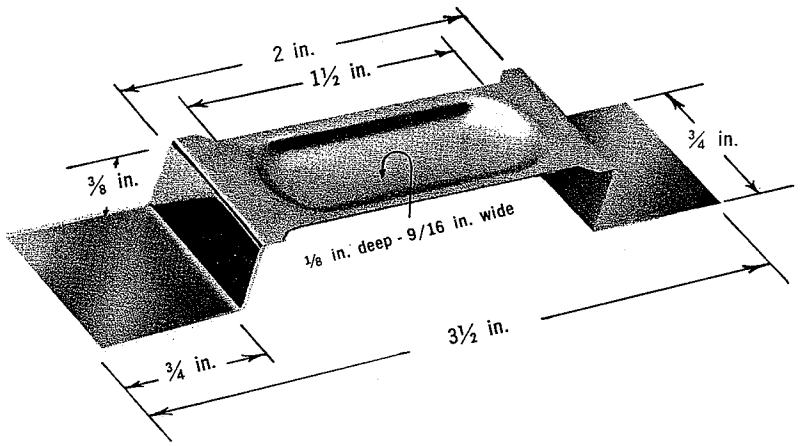


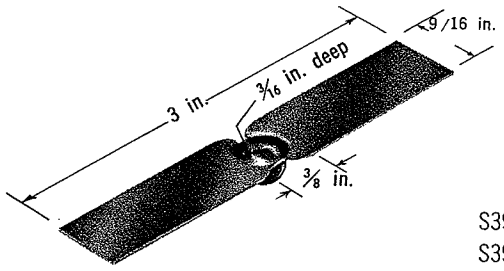
TUNGSTEN-TANTALUM-MOLYBDENUM BOAT SOURCES

S37 .005Ta
S37 .010Ta
S37 .005Mo
S37 .010Mo

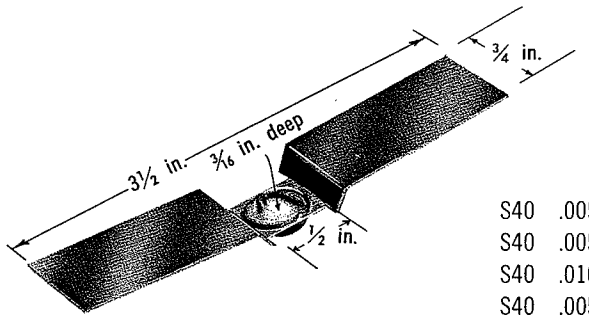


S38 .005W
S38 .010W
S38 .005Ta
S38 .010Ta
S38 .005Mo
S38 .010Mo



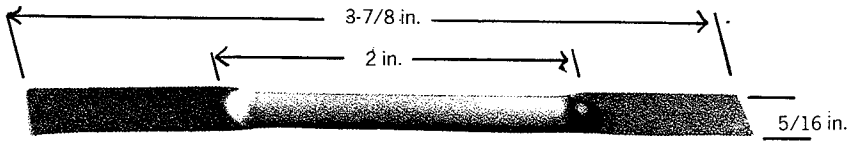


S39 .005Ta
S39 .010Ta
S39 .005Mo
S39 .010Mo



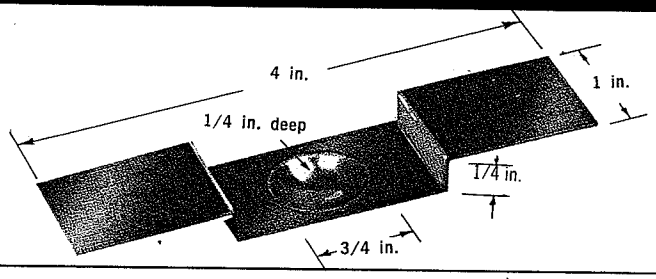
S40 .005W
S40 .005Ta
S40 .010Ta
S40 .005Mo
S40 .010Mo

S48 .005W
S48 .010W
S48 .010Ta
S48 .010Mo

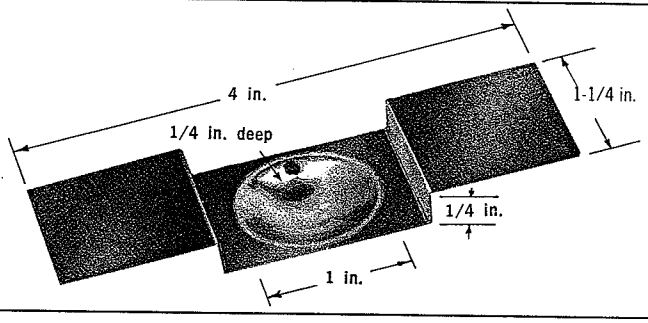


1/16 in. deep

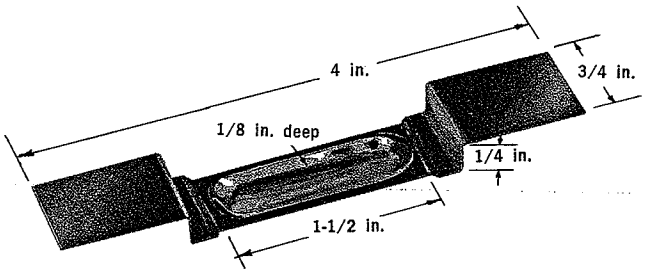
BOAT SOURCES . . . TUNGSTEN — TANTALUM — MOLYBDENUM



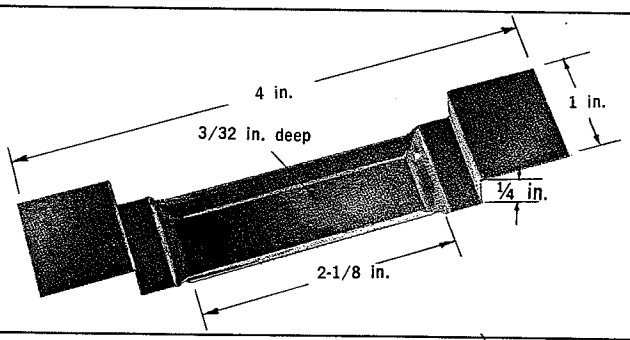
S42—.005W
S42—.010W
S42—.015W
S42—.010Ta
S42—.015Ta
S42—.010Mo
S42—.015Mo



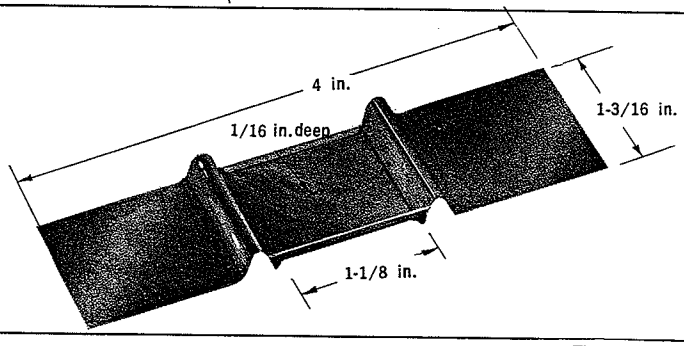
S43—.005W
S43—.010W
S43—.015W
S43—.010Ta
S43—.015Ta
S43—.010Mo
S43—.015Mo



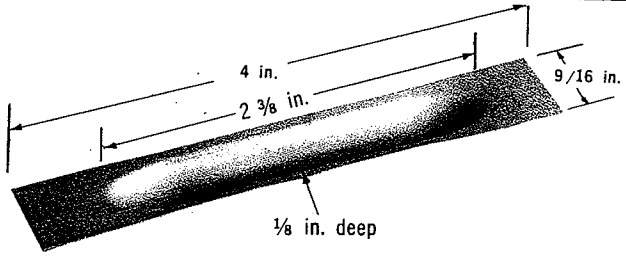
S44—.005W
S44—.010W
S44—.015W
S44—.005Ta
S44—.010Ta
S44—.015Ta
S44—.005Mo
S44—.010Mo
S44—.015Mo



S45—.005W
S45—.010W
S45—.015W
S45—.005Ta
S45—.010Ta
S45—.015Ta
S45—.005Mo
S45—.010Mo
S45—.015Mo



S46—.005W
S46—.010W
S46—.005Ta
S46—.010Ta
S46—.005Mo
S46—.010Mo



S47—.010W
S47—.015W
S47—.020W
S47—.010Ta
S47—.015Ta
S47—.020Ta
S47—.010Mo
S47—.015Mo