

Square Shaft Specification Sheet

Please see reverse for other configurations and information



Belt Power LLC
 2197 Canton Rd
 Suite 208
 Marietta, GA 30066
 800-886-BELT (2358)
 www.beltpower.com

SHAFTS MATERIAL:

- ALUMINUM #6061
- CARBON STEEL #1018
- STAINLESS STEEL #303
- STAINLESS STEEL #316

SIZE:

- 5/8" SQUARE
- 1" SQUARE
- 1.5" SQUARE
- 2.5" SQUARE
- 3.5" SQUARE

NO. REQUIRED:

DRIVE ____ IDLE ____

CONTACT NAME:

CUSTOMER:

DATE:

DRIVE SPROCKETS:

SERIES _____ NO. PER SHAFT _____

PITCH DIAMETER _____

IDLE SPROCKETS:

SERIES _____ NO. PER SHAFT _____

PITCH DIAMETER _____

RETAINER RING GROOVES:

STD. NONE

MULTIPLE _____

CHAMFER YES NO

(NOTE: SPROCKETS FOR SERIES 200, 400 & NON EZ CLEAN 800 REQUIRE CHAMFERS)

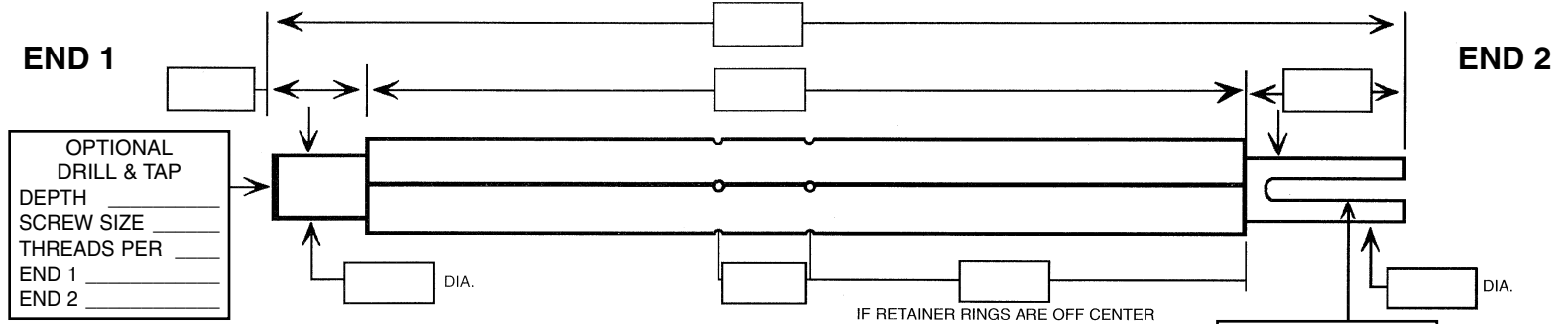
TOLERANCES

(UNLESS OTHERWISE SPECIFIED)

- A) OVERALL LENGTH $\leq 48" \pm 0.061$
 $\geq 48" \pm 0.125$
- B) JOURNAL & STEPDOWN -0.0005
 -0.003
- C) KEYWAY WIDTHS $+0.003$
 -0.000
- D) OTHER ± 0.031

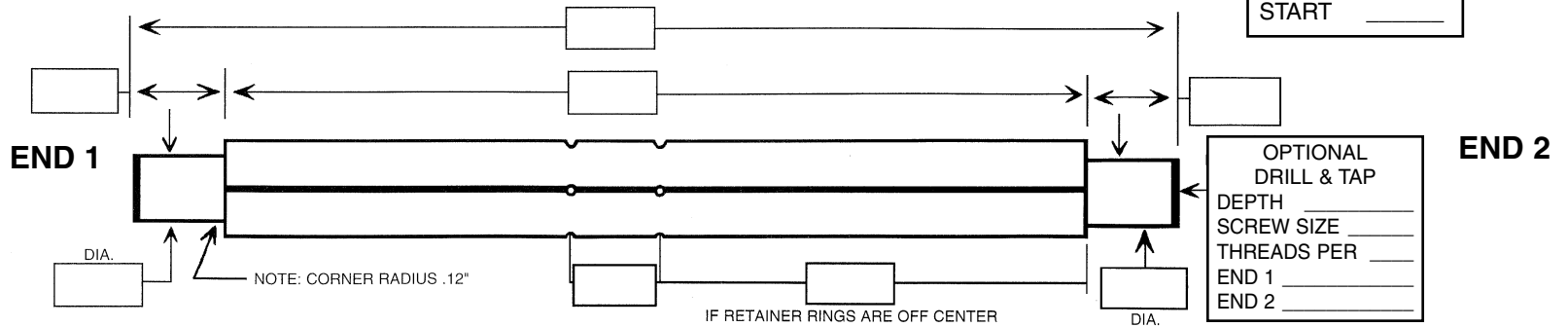
SURFACE FINISHES

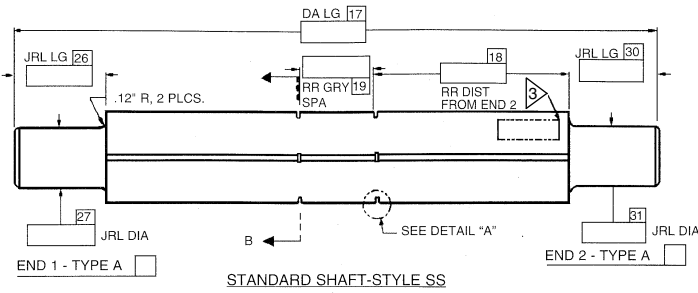
- A) JOURNAL & STEPDOWN
 JOURNAL DIAMETER
 63 MICROINCHES
- B) OTHER MACHINED SURFACES
 125 MICROINCHES



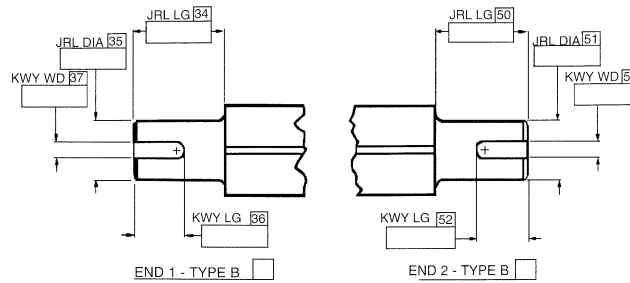
DRIVE SHAFT

IDLE SHAFT

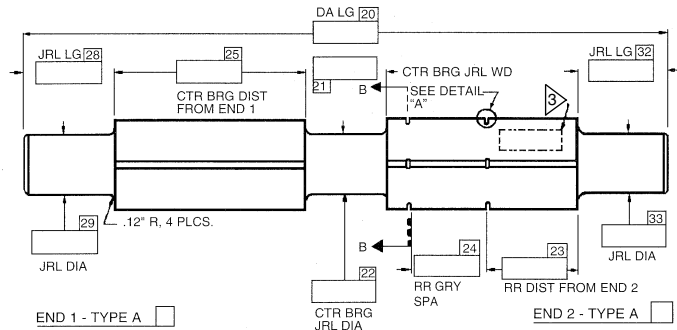




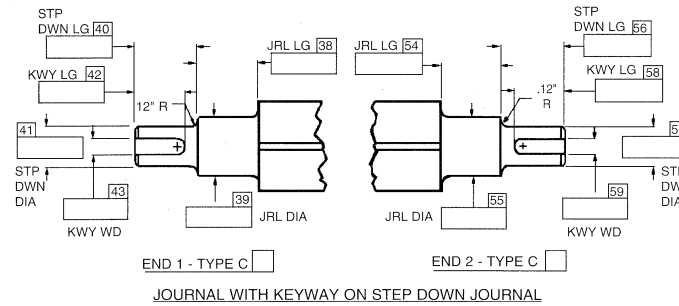
STANDARD SHAFT-STYLE SS



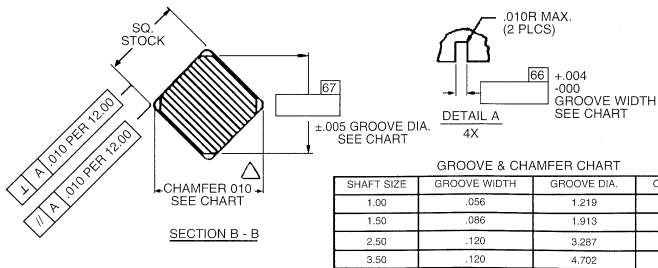
KEYWAY ON JOURNAL



CENTER BEARING SUPPORT SHAFT-STYLE CB

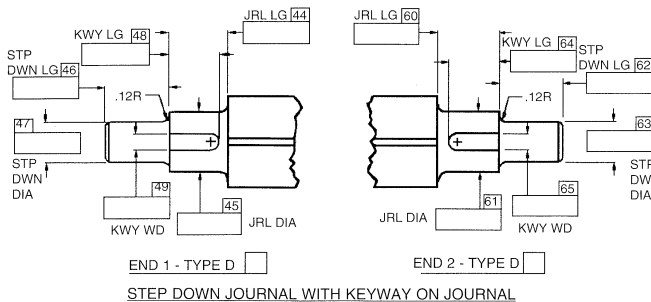


JOURNAL WITH KEYWAY ON STEP DOWN JOURNAL



GROOVE & CHAMFER CHART

SHAFT SIZE	GROOVE WIDTH	GROOVE DIA.	CHAMFER
1.00	.056	1.219	1.314
1.50	.086	1.913	2.022
2.50	.120	3.287	3.436
3.50	.120	4.702	4.850



STEP DOWN JOURNAL WITH KEYWAY ON JOURNAL

NOTES:

- 1) SELECT APPROPRIATE SHAFT SIZE, MATERIAL & END CONFIGURATION BY CHECKING BOXES & FILLING IN BLANKS. CROSS OUT VIEWS NOT USED. ONLY 1 SHAFT MAY BE SPECIFIED PER DRAWING.
- 2) FILL IN APPROPRIATE DIMENSIONS TO 4 DECIMAL PLACES.
- 3) STEEL STAMP SALES ORDER NUMBER IN 0.25" CHARACTERS APPROXIMATELY WHERE SHOWN.
- 4) UNLESS OTHERWISE SPECIFIED, METRIC KEYWAYS TO USE ISO STANDARDS.
- 5) UNLESS OTHERWISE SPECIFIED, KEYWAYS ARE FOR PARALLEL SQUARE KEYS. KEYWAY DEPTH TO BE DETERMINED BY JOURNAL DIAMETER & WIDTH SPECIFIED PER ANSI B17.1 - 1967, R 1973 (REF INTRALOX DWG #1320).
- 6) KEYWAYS SHOWN ACROSS CORNERS OF SHAFT FOR DRAWING PURPOSES ONLY. KEYWAY ACTUAL LOCATION ACROSS FLATS.
- 7) (OPTIONAL) CHAMFER EACH SHAFT END 0.05 X 45°.