

## OZAK Tempered Shafts (SQ Series)

### 1. Purpose

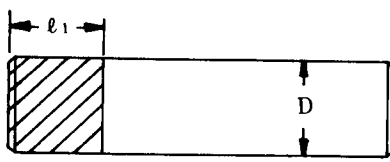
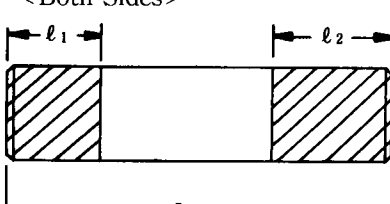
OZAK annealed shafts of the SQ series are customized series-manufactured products available on short-term delivery. When the ends of machined shafts require machining (steps, threading) with the need to cut the OZAK standard hardened (Hr C 60) and ground straight shaft to size and remove stock from the hardened layer, the length requiring to be machined is tempered so that the customer can easily apply the additional machining in a general factory workshop.

### 2. Particular Features

OZAK tempered shafts offer the users the following advantages.

- (1) Ideal for emergency measures requiring a short delivery time.
- (2) No drawings of the machined shaft are needed. The simple identification numbers shown in the Appendix are all you need to order. Be sure to place your order on the OZAK order fax form so that your order can be processed.
- (3) The new system eliminates the only too familiar errors due to the uncertainties about orders placed by customers.
- (4) There is no need to make copies of drawings and to store drawings.
- (5) The new series dispenses with the need for complicated telephone inquiries.
- (6) The new series has been created in an attempt to achieve a significant reduction in costs all round.

### 3. Types and Identification Numbers

		<u>Identification number</u>	
<One Side>		Type Number · D × L	— $l_1$ — $l_2$
	$l_1$	D	
	<u>SQA · 30 × 1620 — 100</u>		(Standard shaft)
	<u>SQSA ·</u>		(Stainless shaft)
<u>SQPA ·</u>		(Pipe shaft)	
<Both Sides>			
	$l_1$	$l_2$	
	L		
	<u>SQB · 20 × 1200 — 80 — 120</u>		(Standard shaft)
	<u>SQSB ·</u>		(Stainless shaft)
<u>SQPB ·</u>		(Pipe shaft)	

### 4. Important Notes

- (1) The total length supplies is the plus length (that is,  $L + 2\text{cm}$ ) to allow for cutting and trimming/ chamfering.
- (2) The shaft ends are cut without any additional machining. They may therefore be slanted.
- (3) The tempered length dimensions  $l_1$  and  $l_2$  are approximately +10cm longer than the specified dimensions.
- (4) The tempered parts  $l_1$  and  $l_2$  have a black surface.
- (5) To facilitate the ordering procedures, be sure to use a standard OZAK order form.