

$$i=0.2$$

W=9 x12 = 108 \$/year

$$W = 9 \times 12 = 100 + 30$$

$$P=100$$
 = $C \times 0.2 = 4 \cdot SO \times 0.2 = 90 = 90$

$$P=100$$
 $I = C \times 0.2 = 4.50 \times 0.2 = 90 $/yer$

$$C = 450$$

 $D = 2000$

$$Q_{5} = \sqrt{\frac{2DP}{I+2W}} = \sqrt{\frac{2\times2000\times100}{20\times100}} = 36.16$$

$$H_{S} = \frac{20}{2D} = \frac{90 + 2 \times 108}{2 \times 2000} = 0.0765$$

$$TC = (C + \frac{P}{Q} + (H)(Q) = 450 + \frac{100}{36.16} + 0.076JX3616$$

$$= 455.53.5$$

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$$P4$$
 $T = \frac{Q}{D} = \frac{36.16}{2000} = 0.018 \text{ years}$

$$I = 90$$

$$Q_{M} = \sqrt{\frac{20P}{I+W}} = \sqrt{\frac{2x2000x100}{90+108}} =$$

$$H_{H} = \frac{I+W}{2D} = \frac{90+108}{2x2000} =$$

$$TC = C + \frac{P}{Q} + (H)(Q) = 450 + \frac{100}{Q} + \frac{100}{Q}$$

$$T = \frac{Q_M}{D} =$$

(P6)	Annual	Culmulative	Value	class
Number	100 130 600 1200 1300 1500 1600 1800	0 100 230 230 2030 3370 4830 6430 8230	4.3%	Citers
30/.	3500 6000 9000 9200 11000 15000	11730 17730 26730 35930 46930	28%	Bilens
25)	18000 22000 25000 30000 35000 50000	61970 79930 101930 126930 156930 191930	77%	Ailens

(P&) Consumption rule = 750 parts/month Production rate = 2000 parts/month Storage Costs = 10\$ per unit-year W Interest charges = \$5 per unit-year I Sely charges per batch = 200\$ TCM = C+ PQ + (I+W) (Averse Investry) D2 RM
T-TA (I+W) (Averge Im) Tom z C+ 2+

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