

$N = \frac{D}{Q} \quad T = \frac{Q}{D} \quad R = D * L$	
<p>1.1 Modelo de Compra sin deficit:</p> $Q^* = \sqrt{\frac{2C_o D}{C_h}}$ $CT = C_u D + C_o \frac{D}{Q} + C_h \frac{Q}{2}$ $CTT^* = C_u D + \sqrt{2C_o D C_h}$	<p>1.2 Modelo de Manufactura sin déficit:</p> $Q^* = \sqrt{\frac{2C_o D}{C_h \left(1 - \frac{D}{P}\right)}}$ $CT = C_u D + C_o \frac{D}{Q} + C_h \frac{Q}{2} * \left(1 - \frac{D}{P}\right)$ $CTT^* = C_u D + \sqrt{2C_o D C_h \left(1 - \frac{D}{P}\right)}$
<p>1.3 Modelo de Compra Con déficit:</p> $S = Q^* \frac{C_h}{(C_h + C_s)}$ $Q^* = \sqrt{\frac{2C_o D (C_h + C_s)}{(C_h C_s)}}$ $CTT^* = C_u D + \sqrt{\frac{2C_o D C_h C_s}{(C_h + C_s)}}$ $CTT^* = C_u D + C_o \frac{D}{Q} + C_h Q \frac{C_s}{2(C_h + C_s)}$	<p>1.4 Modelo de Manufactura Con déficit:</p> $S = Q^* \frac{C_h \left(1 - \frac{D}{P}\right)}{(C_h + C_s)}$ $Q^* = \sqrt{\frac{2C_o D (C_h + C_s)}{C_h C_s \left(1 - \frac{D}{P}\right)}}$ $CTT^* = C_u D + \sqrt{\frac{2C_o D C_h C_s \left(1 - \frac{D}{P}\right)}{(C_h + C_s)}}$