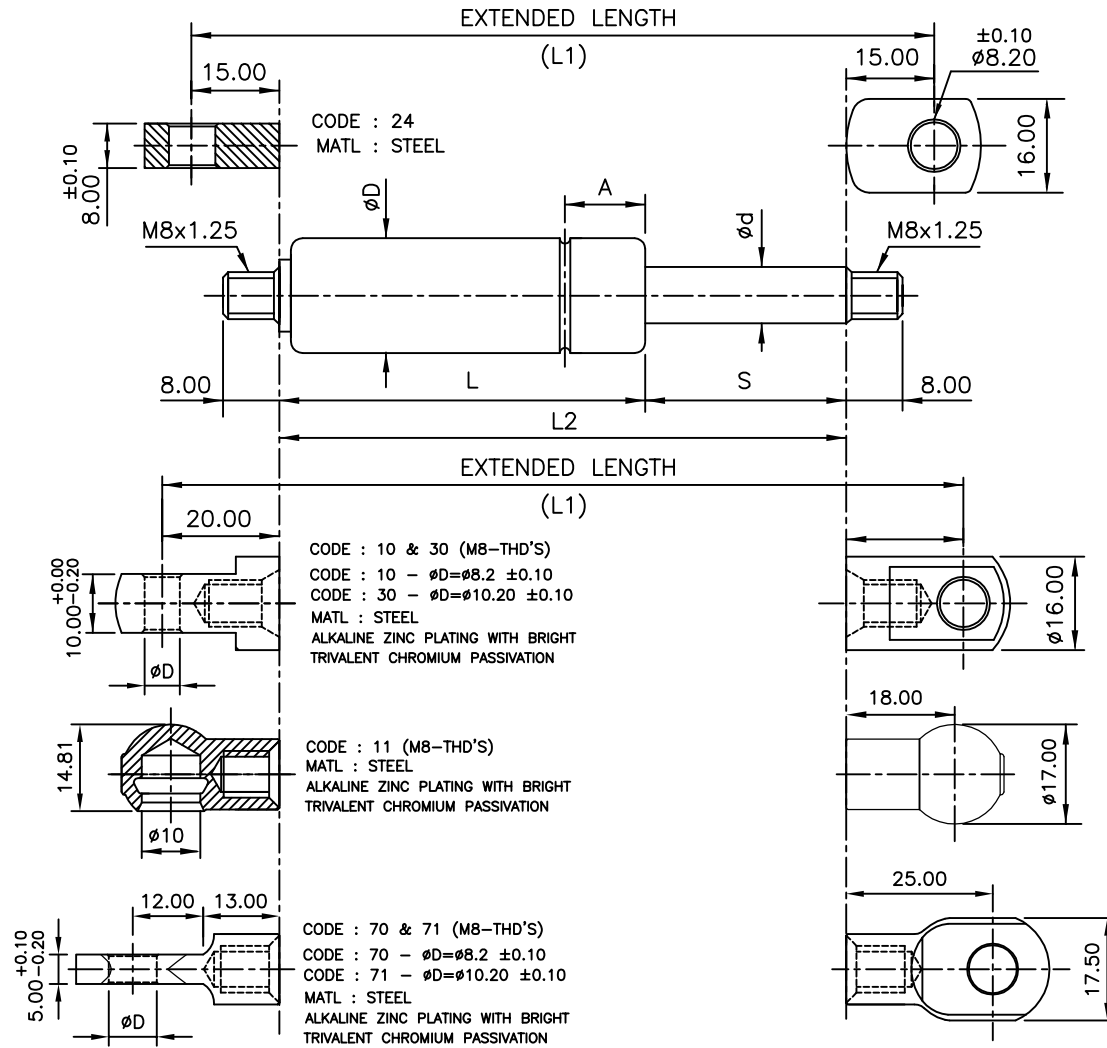


GAS-SPRING DATA SHEET

MODEL : 21.10 & 22.10 AUTO-LIFT



TUBE DIA. øD	ROD DIA. ød	FORCE (F1) N		STROKE (MM)		STD AVAILABLE STROKE (S) MM		
		MIN.	MAX.	MIN.	MAX.			
ø21.00	ø10.00	80	700	20.00	450.00	30.00	150.00	240.00
						60.00	178.00	277.00
						75.00	186.00	331.00
ø22.00	ø10.00	80	1200	20.00	450.00	100.00	195.00	320.00
						133.00	200.00	400.00

MINIMUM SPRING CHARACTERISTICS : 1.40

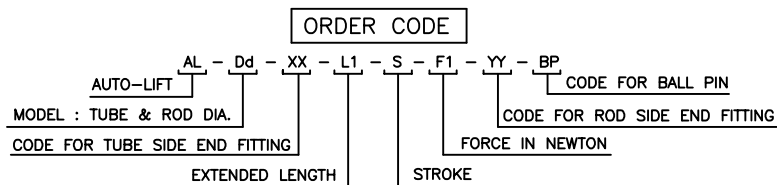
LENGTH MINIMUM : L = A + S + 22.50

EXTENDED LENGTH : L1 = L + S + END FITTING CENTER DISTANCE (BOTH SIDES)

ASSUMPTIONS : A = 21.00 , ≥ 20.00 ≤ 100.00 MM STROKE (S)

A = 27.00 , > 100.00 ≤ 250.00 MM STROKE (S)

A = 33.00 , > 250.00 ≤ 450.00 MM STROKE (S)



ORDER EXAMPLE : AL - 2210 - 11 - 600 - 200 - 450N - 11 - 22

ASSUMPTION BP : BALL PIN CONSIDERED AT BOTH SIDES ALONG WITH NUT.

ORDER CODE

FOR GAS-SPRINGS WITH THREADED ENDS.

AL - Dd - TT - L2 - S - F1 - RT

TUBE END THD'S
EXTENDED LENGTH
ROD END THD'S

ORDER EXAMPLE : AL - 2210 - M8 - 600 - 200 - 450N - M8