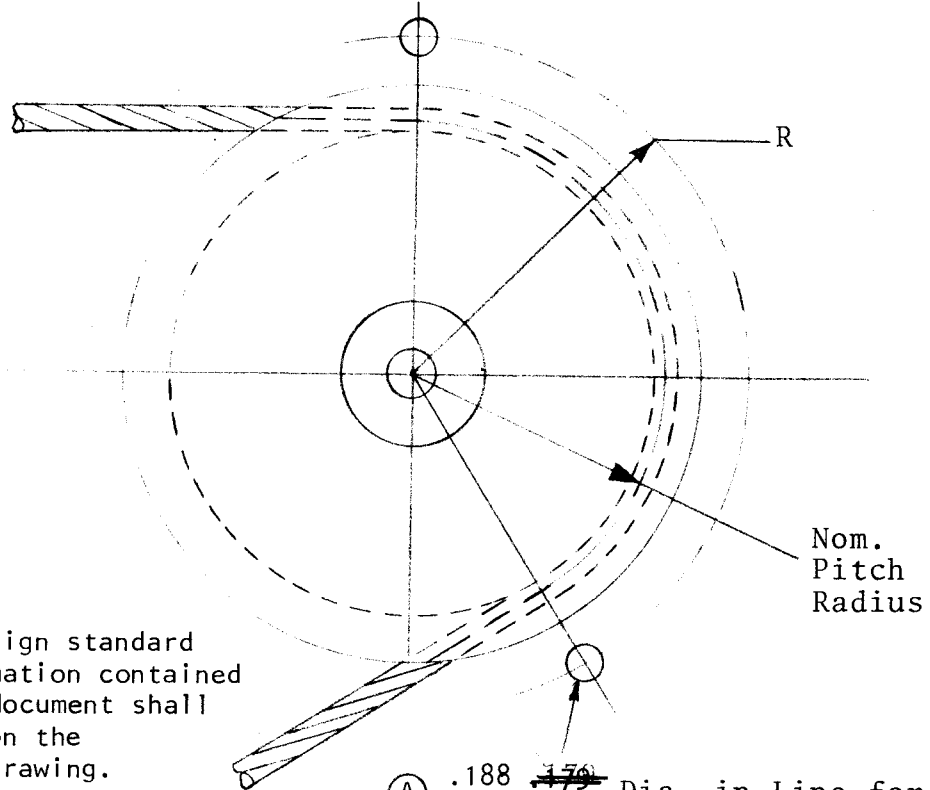


STANDARDS SHEET



Note: This is a design standard only. Information contained within this document shall be detailed on the Engineering drawing.

(A) .188 ~~.179~~ Dia. in Line for NAS427
.191 ~~.185~~ Pin

a) GUARD PIN LOCATION FOR STANDARD PULLEYS

PULLEY		NOM. PITCH RADIUS							R
PART NO.	NOM. O/D								+ .000
CABLE DIAMETER		1/16	3/32	1/8	5/32	3/16	7/32	1/4	- .0010
MS20219-1	1.312	.531	.547						.770
↑ -2	1.750	.750	.766						1.000
↑ -3	1.750	.750	.766						1.000
↓ -4	2.625	1.187	1.203						1.438
MS20219-5	2.625	1.187	1.203						1.438
MS20220-1	1.755			.690	.706	.721			1.000
↑ -2	3.005			1.315	1.331	1.346			1.625
↓ -3	4.255			1.940	1.956	1.971			2.250
MS20220-4	5.505			2.565	2.581	2.596			2.875
MS20221-1	2.630					1.096	1.112	1.127	1.438
↑ -2	4.130					1.846	1.862	1.877	2.188
MS20221-3	5.630					2.596	2.612	2.627	2.938

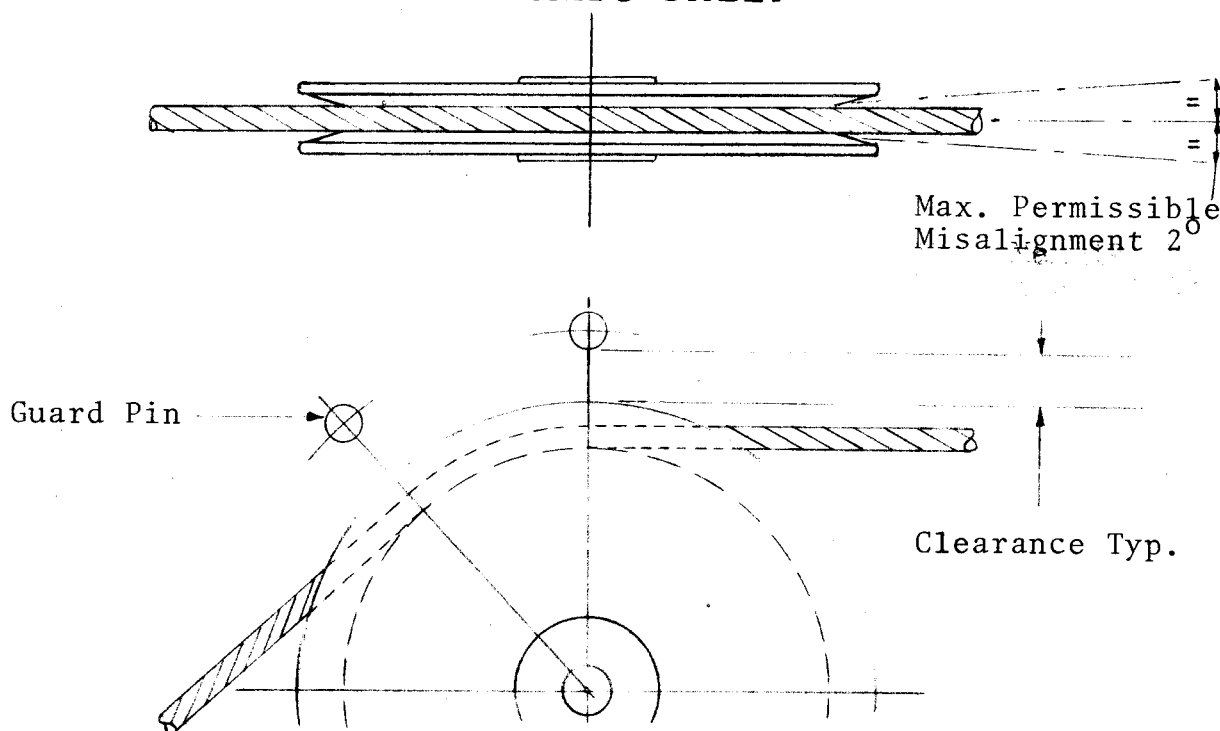
NOTE: See Sht. 2 for Permissible Cable Misalignment.

DRAWN	P. Lam	CLASSIFICATION	STANDARD
CHECKED	<i>CHATTINER</i>	PULLEY GUARD PIN LOCATION	DS 89 Sht. 1
STRESSED	<i>1X</i>		
APPROVED	<i>P. Lam 9 Jun 80</i>		

19. June 80

② NOTE ADDED
30-10-86
RS
① PIN HOLE DIA
CHANGED
P. Lam 02/03/84
REQUEST

STANDARDS SHEET



- b) Guard Pin locations for Quadrant and other non standard devices.

CABLE DIA	CLEARANCE *
1/16	.020 .030
3/32	.030 .040
1/8	.030 .040
5/32	.040 .060
3/16	.040 .060

- (A) *Dimensions in this table are design criteria, do not use as inspection standard. E07388 has been issued for inspection purpose on the subject of pulley guard pin clearances.

DRAWN	P. LAM	CLASSIFICATION	STANDARD
CHECKED	SCHWARTZ	PULLEY GUARD PIN LOCATION	DS 89 Sht. 2
STRESSED	X		
APPROVED	19 JUN 80		

19 JUNE 80

NOTE ADDED
P.L. 19.5.81

(A)

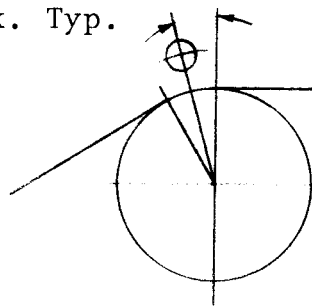


STANDARDS SHEET

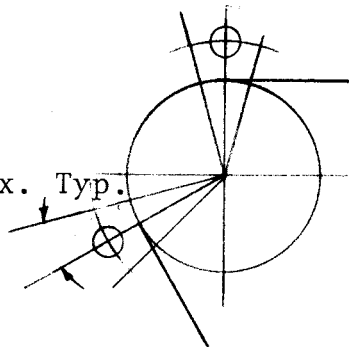
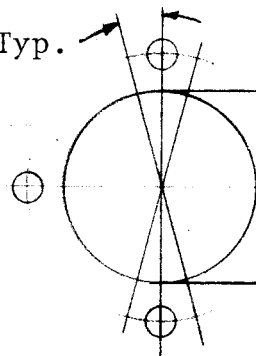
c) NUMBER OF GUARD PINS REQUIRED

ANGLE OF CABLE WRAP ①	NO. OF GUARDS
UP TO 30°	1
31 TO 120°	2
121° AND ABOVE	3

① Values are approximate ranges

 15° Max. Typ.ONE GUARD:

Located midway between tangent points.

 15° Max. Typ.TWO GUARDS:Locate at tangent points $\pm 15^{\circ}$ providing the cable clearance from the guards. 15° Max. Typ.THREE GUARDS:Locate two guards at tangent points $\pm 15^{\circ}$ providing the cable has clearance from the guards; locate third guard midway between other two.

DRAWN	P. LAM	CLASSIFICATION	STANDARD
CHECKED	G. HARTNER	PULLEY GUARD PIN LOCATION	DS 89
STRESSED	X		
APPROVED	19 JUN 80		

Sht. 3

19 JUN 80