

Date: **12/31/15**

Engineering Bulletin: **121501**

Effective Date: 11/16/15

Released By: **Greg Hall**

Subject: **Door Tie Rod Standardization**

To eliminate the need to alter tie rod lengths for standard sized doors, we have established new tie rod lengths. See table below for reference.

TIE ROD LENGTHS			
PART #	DIM. "A" $\pm 1/32$ "	CAN BE CUT TO $\pm 1/32$ "	USED ON
P020AA	27.3125"	21.3125"	NS 30" DOOR
P020AB	33.3125"	27.3125"	NS 36" DOOR
P020AC	39.3125"	33.3125"	NS 42" DOOR
P020AD	41.3125"	35.3125"	NS 44" DOOR
P020AE	45.3125"	39.3125"	NS 48" DOOR
P020AF	24.0625"	18.0625"	MS & TMS 30" DOOR
P020AG	30.0625"	24.0625"	MS & TMS 36" DOOR
P020AH	36.0625"	30.0625"	MS & TMS 42" DOOR WS & TWS 44" DOOR
P020AI	38.0625"	32.0625"	MS & TMS 44" DOOR
P020AJ	42.0625"	36.0625"	MS & TMS 48" DOOR
P020AK	22.0625"	16.0625"	WS & TWS 30" DOOR
P020AL	28.0625"	22.0625"	WS & TWS 36" DOOR
P020AM	34.0625"	28.0625"	WS & TWS 42" DOOR
P020AN	40.0625"	34.0625"	WS & TWS 48" DOOR
P020AO	29.0625"	23.0625"	MMS 36" DOOR
P020AP	35.0625"	29.0625"	MMS 42" DOOR
P020AQ	26.0625"	20.0625"	MWS 36" DOOR
P020AR	32.0625"	26.0625"	MWS 42" DOOR
P020Z	72.0000"	ANY LENGTH	CUSTOM SIZES, FULL THREAD

A thicker washer (P853) is now used since longer tie rods are required for the same size door.