

Darton Sequel with Standard (148) Modules

Charts show stop size and stop position affects on let off % and draw length

Charts are a reference for selecting stop sizes

Data is from [Darton Consequence BBS Dual Sync Cam 70 lbs.](#)

Always exercise caution when changing let-off

Module in "1" Position (Standard module)													
Stop Size	AD	AD	AD	Factory Small	AD	AD	AD	Factory Large	AD				
Stop Dot setting	2 dot	3 dot	4 dot		1 dot	2 dot	3 dot		4 dot				
Stop Position on CAM	1.5	1.5	1.5	1	1	1	1	1	1				
Let-off %	82%	82%	82%	80%	79%	78%	77%	76%	75%				
Draw length change	+1/2"	+3/8"	+9/32"	+5/32"	+1/8"	+1/16"	0	0	-1/16"				

Module in "1.5" Position (Standard module)													
Stop Size		AD	AD	Factory Small	AD	AD	AD	Factory Large	AD	AD	AD	AD	AD
Stop Dot setting		3 dot	4 dot		1 dot	2 dot	3 dot		4 dot	1 dot	2 dot	3 dot	4 dot
Stop Position on CAM		2	2	1.5	1.5	1.5	1.5	1.5	1.5	1	1	1	1
Let-off %		82%	83%	80%	80%	78%	77%	75%	75%	72%	71%	69%	68%
Draw length change		+3/8"	+7/32"	+5/32"	+1/8"	+1/16"	0	0	-1/16"	-3/16"	-9/32"	-11/32"	-3/8"

Module in "2" Position (Standard module)													
Stop Size			AD	Factory Small	AD	AD	AD	Factory Large	AD	AD	AD	AD	AD
Stop Dot setting			4 dot		1 dot	2 dot	3 dot		4 dot	1 dot	2 dot	3 dot	4 dot
Stop Position on CAM			2.5	2	2	2	2	2	2	1.5	1.5	1.5	1.5
Let-off %			82%	80%	80%	79%	77%	76%	75%	72%	71%	70%	68%
Draw length change			+9/32"	+5/32"	+1/8"	+1/16"	0	0	-1/16"	-3/16"	-1/4"	-5/16"	-3/8"

Module in "2.5" Position (Standard module)													
Stop Size				Factory Small	AD	AD	AD	Factory Large	AD	AD	AD	AD	AD
Stop Dot setting					1 dot	2 dot	3 dot		4 dot	1 dot	2 dot	3 dot	4 dot
Stop Position on CAM				2.5	2.5	2.5	2.5	2.5	2.5	2	2	2	2
Let-off %				81%	80%	79%	77%	76%	76%	73%	71%	70%	68%
Draw length change				+5/32"	+1/8"	+3/32"	+1/32"	0	-1/16"	-3/16"	-1/4"	-5/16"	-3/8"

Module in "3" Position (Standard module)													
Stop Size				Factory Small	AD	AD	AD	Factory Large	AD	AD	AD	AD	AD
Stop Dot setting					1 dot	2 dot	3 dot		4 dot	1 dot	2 dot	3 dot	4 dot
Stop Position on CAM				3	3	3	3	3	3	2.5	2.5	2.5	2.5
Let-off %				82%	81%	80%	78%	77%	77%	73%	72%	70%	70%
Draw length change				+5/32"	+1/8"	+3/32"	+1/32"	0	-1/32"	-5/32"	-7/32"	-9/32"	-11/32"

Module in "3.5" Position (Standard module)													
Stop Size				Factory Small	AD	AD	AD	Factory Large	AD	AD	AD	AD	AD
Stop Dot setting					1 dot	2 dot	3 dot		4 dot	1 dot	2 dot	3 dot	4 dot
Stop Position on CAM				3.5	3.5	3.5	3.5	3.5	3.5	3	3	3	3
Let-off %				83%	82%	80%	79%	78%	78%	73%	72%	70%	68%
Draw length change				+5/32"	+1/8"	+1/16"	+1/32"	0	-1/16"	-7/32"	-9/32"	-11/32"	-13/32"

Module in "4" Position (Standard module)													
Stop Size				<i>Factory Small</i>	AD	AD	AD	<i>Factory Large</i>	AD	AD	AD	AD	AD
Stop Dot setting					1 dot	2 dot	3 dot		4 dot	1 dot	2 dot	3 dot	4 dot
Stop Position on CAM				4	4	4	4	4	4	3.5	3.5	3.5	3.5
Let-off %				82%	82%	81%	79%	78%	78%	74%	73%	71%	70%
Draw length change				+5/32"	+1/8"	+1/16"	0	0	-1/16"	-3/16"	-1/4"	-5/16"	-3/8"

Module in "4.5" Position (Standard module)													
Stop Size				<i>Factory Small</i>	AD	AD	AD	<i>Factory Large</i>	AD	AD	AD	AD	AD
Stop Dot setting					1 dot	2 dot	3 dot		4 dot	1 dot	2 dot	3 dot	4 dot
Stop Position on CAM				4.5	4.5	4.5	4.5	4.5	4.5	4	4	4	4
Let-off %				82%	82%	80%	79%	77%	77%	73%	71%	70%	68%
Draw length change				+5/32"	+1/8"	+1/16"	0	0	-1/32"	-7/32"	-9/32"	-11/32"	-13/32"

Module in "5" Position (Standard module)													
Stop Size				<i>Factory Small</i>	AD	AD	AD	<i>Factory Large</i>	AD	AD	AD	AD	AD
Stop Dot setting					1 dot	2 dot	3 dot		4 dot	1 dot	2 dot	3 dot	4 dot
Stop Position on CAM				5	5	5	5	5	5	4.5	4.5	4.5	4.5
Let-off %				82%	82%	80%	78%	78%	77%	73%	71%	70%	68%
Draw length change				+1/8"	+1/8"	+1/16"	0	0	-1/16"	-7/32"	-9/32"	-11/32"	-3/8"

Module in "5.5" Position (Standard module)													
Stop Size				<i>Factory Small</i>	AD	AD	AD	<i>Factory Large</i>	AD	AD	AD	AD	AD
Stop Dot setting					1 dot	2 dot	3 dot		4 dot	1 dot	2 dot	3 dot	4 dot
Stop Position on CAM				5.5	5.5	5.5	5.5	5.5	5.5	5	5	5	5
Let-off %				82%	81%	80%	79%	78%	78%	73%	71%	69%	68%
Draw length change				+1/8"	+1/8"	+1/16"	0	0	-1/16"	-1/4"	-5/16"	-3/8"	-13/32"

Module in "6" Position (Standard module)													
Stop Size				<i>Factory Small</i>	AD	AD	AD	<i>Factory Large</i>	AD	AD	AD	AD	AD
Stop Dot setting					1 dot	2 dot	3 dot		4 dot	1 dot	2 dot	3 dot	4 dot
Stop Position on CAM				6	6	6	6	6	6	5.5	5.5	5.5	5.5
Let-off %				80%	80%	79%	77%	77%	76%	72%	70%	69%	68%
Draw length change				+1/8"	+1/8"	+1/16"	0	0	-1/16"	-7/32"	-9/32"	-5/16"	-3/8"

Module in "6.5" Position (Standard module)													
Stop Size				<i>Factory Small</i>	AD	AD	AD	<i>Factory Large</i>	AD	AD	AD	AD	AD
Stop Dot setting					1 dot	2 dot	3 dot		4 dot	1 dot	2 dot	3 dot	4 dot
Stop Position on CAM				6.5	6.5	6.5	6.5	6.5	6.5	6	6	6	6
Let-off %				79%	78%	76%	73%	71%	70%	63%	61%	60%	59%
Draw length change				+1/8"	+1/8"	+1/16"	0	0	-1/16"	-7/32"	-1/4"	-11/32"	-3/8"

How to calculate holding weight $(1 - (\text{let off \%} \div 100)) \times \text{peek draw weight} = \text{holding weight}$
Example $(1 - (88 \div 100)) \times 59\text{lbs} = \text{holding weight} >>> (1 - .88) \times 59\text{lbs} = \text{holding weight} >>> .12 \times 59\text{lbs} = 7.08 \text{ lbs.}$

How to calculate let off percent $(1 - (\text{Holding weight} \div \text{peek draw weight})) \times 100 = \text{let off \%}$
Example $(1 - (7.08\text{lbs} \div 59\text{lbs})) \times 100 = \text{let off \%} >>> (1 - .12) \times 100 = \text{let off \%} >>> .88 \times 100 = 88\%$

