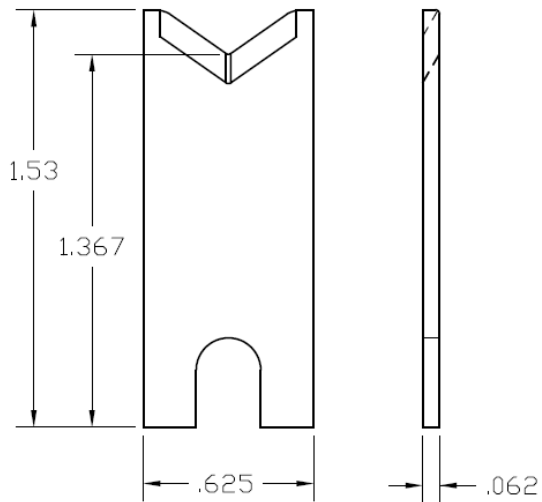


CR01 Series Blades

REV 0 03/04/2017

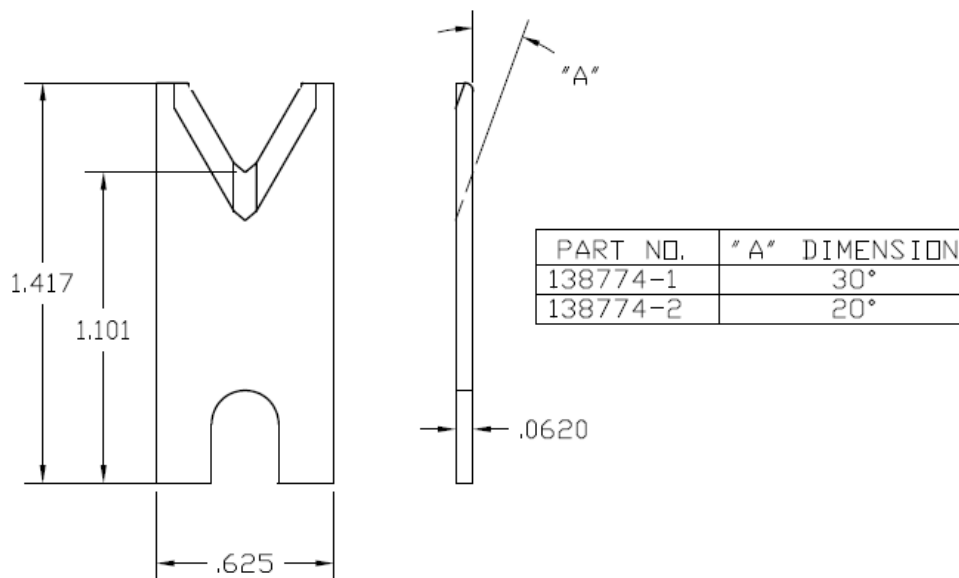
Dimensions on blade sketches are in inches.

Bad crimp cut off blade



148265 Bade crimp cutoff blade, this is the one on the outside of the arm. TIN coating.

Universal V style stripping blades



138774-1 Strip blade "V" 30 degree, standard. These can be generally used to process wires 26 to 10 AWG.

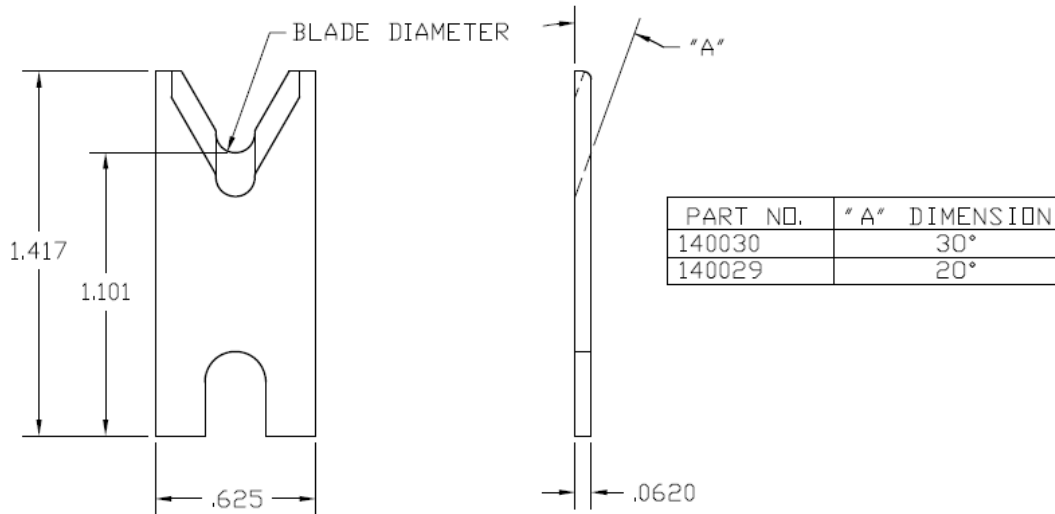
138774-2 Strip blade "V" 20 degree, the 20 degree edge has a steeper angle and may work better for some types of insulation like silicon or Teflon. The downside is that they do not stay sharp as long as 30 degree would.

True radius style stripping blades

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: this type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.



140030-xxx Strip blade, radius style 30 degree, the dash number is the diameter of the hole in the blade in inches. Example -028 is .028 inches

Dash #	millimeters				
-020	0.508	-112	2.845		
-024	0.610	-118	2.997		
-032	0.813	-125	3.175		
-039	0.991	-130	3.302		
-043	1.092	-140	3.556		
-047	1.194	-152	3.861		
-055	1.397	-160	4.064		

-067	1.702	-175	4.445		
-070	1.753	-200	5.080		
-078	1.829				
-088	2.235				
-090	2.286				
-102	2.591				

140029-xxx Strip blade, radius style 20 degree. The 20 degree edge has a steeper angle and may work better for some types of insulation like silicon or Teflon. The downside is that they do not stay sharp as long as 30 degree would, especially the set that is cutting and stripping the wire.

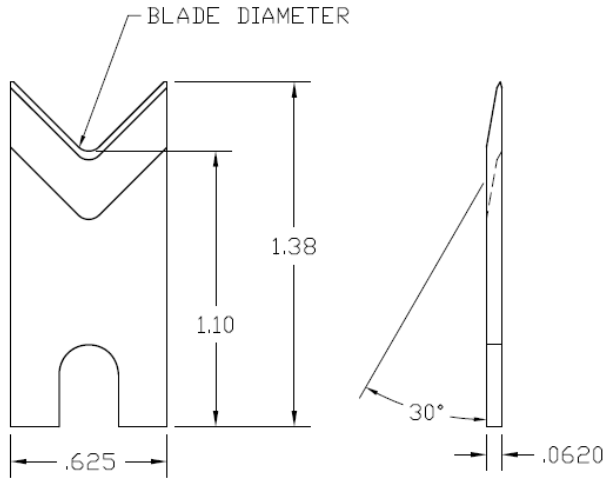
Dash #	millimeters				
-020	0.508	-088	2.235		
-024	0.610	-090	2.286		
-028	0.711	-102	2.591		
-032	0.813	-112	2.845		
-039	0.991	-118	2.997		
-043	1.092	-125	3.175		
-047	1.194	-130	3.302		
-052	1.321	-140	3.556		
-055	1.397	-152	3.861		
-062	1.575	-160	4.064		
-067	1.702	-175	4.445		
-070	1.753	-200	5.080		
-078	1.829				

Universal tangent radius style stripping blades

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: by adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.



123238-x Strip blade, tangent radius style 30 degree

Dash #	Diameter inches (millimeters)	
-1	0.008 (0.2)	-3 0.059 (1.5)
-7	0.020 (0.5)	-4 0.079 (2.0)
-9	0.028(0.7)	-8 0.110 (2.8)
-2	0.039 (1.0)	-5 0.118 (3.0)
		-10 0.138 (3.5)
		-6 0.157 (4.0)