

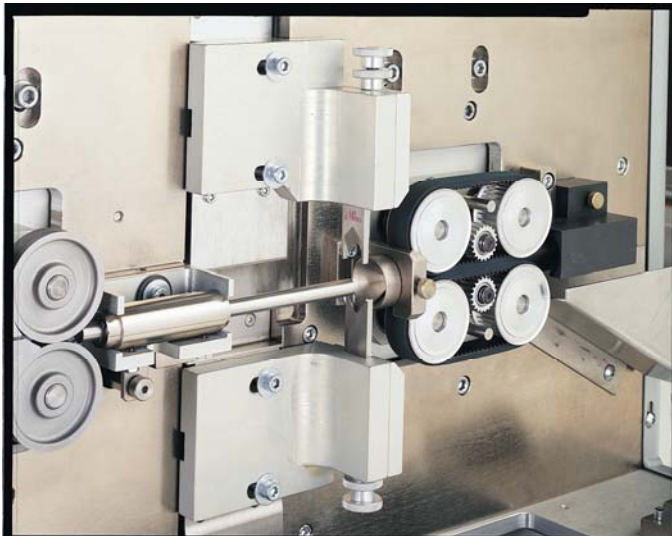
CS326 Blades for 1 and 2 blade cutterhead

REV 42 3/13/2017

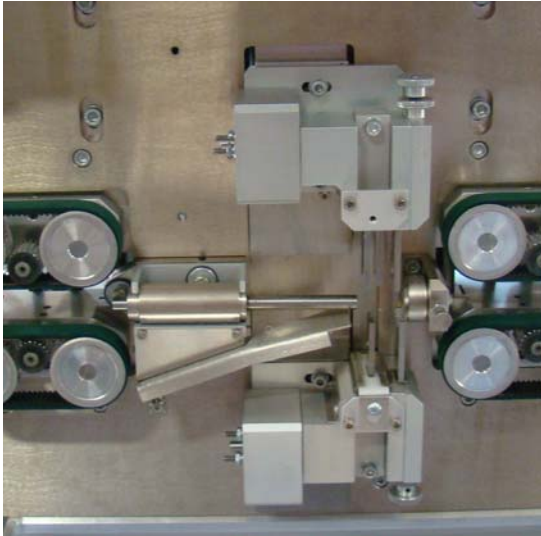
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Machine styles



1 blade cutter machine

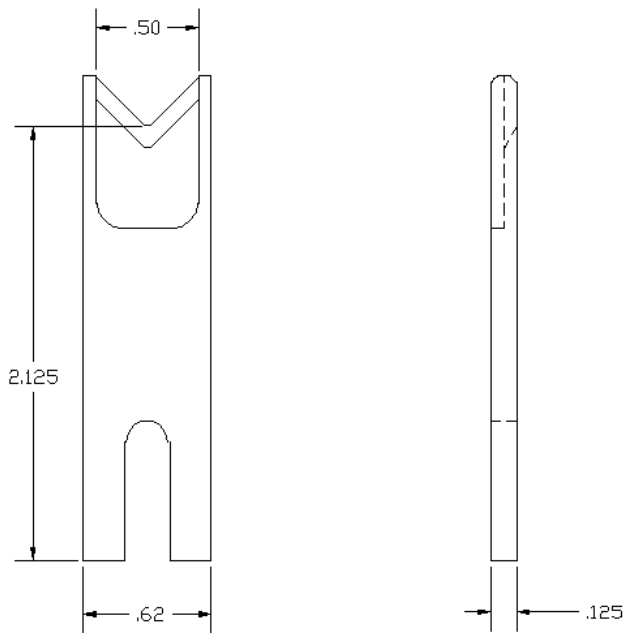


2 blade cutter machine

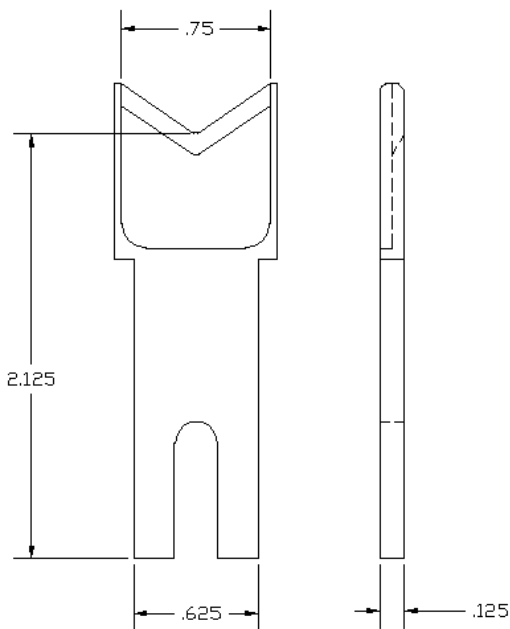
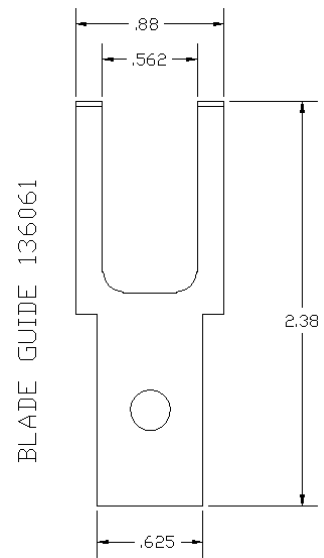
Dimensions on blade sketches are in inches and are only approximate overall dimensions.

Wire cut off blades

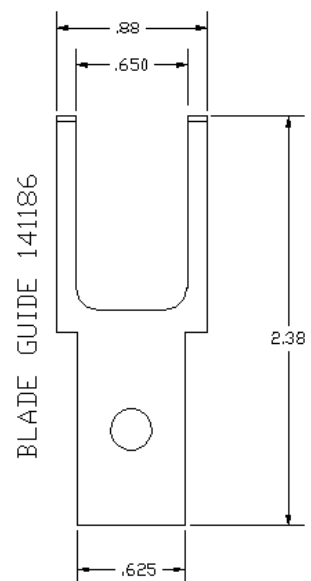
Cut off blades for 2 blade machines



136064 Cut off blade, standard blade for pivoting tool holder

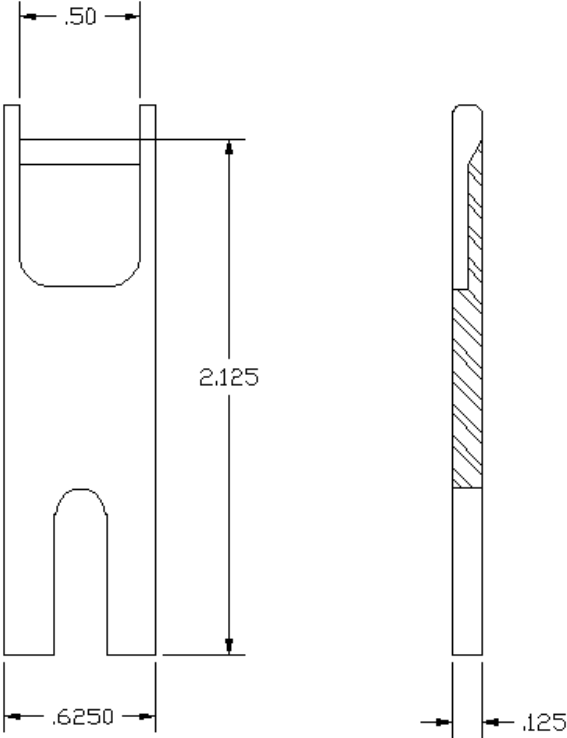


141185 Wide cut off blade. Requires blade guide 141186 to be installed in the machine.

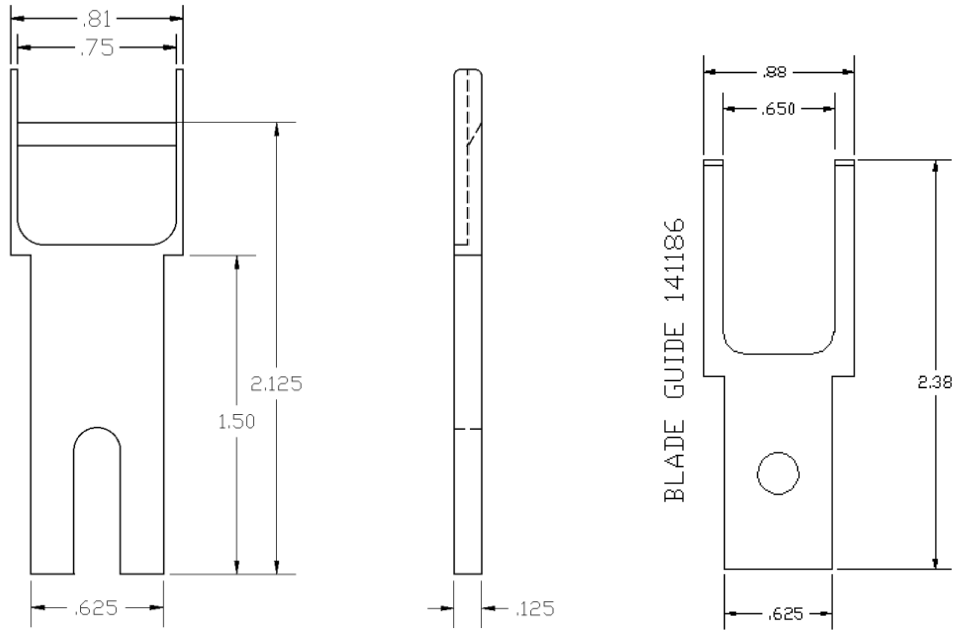




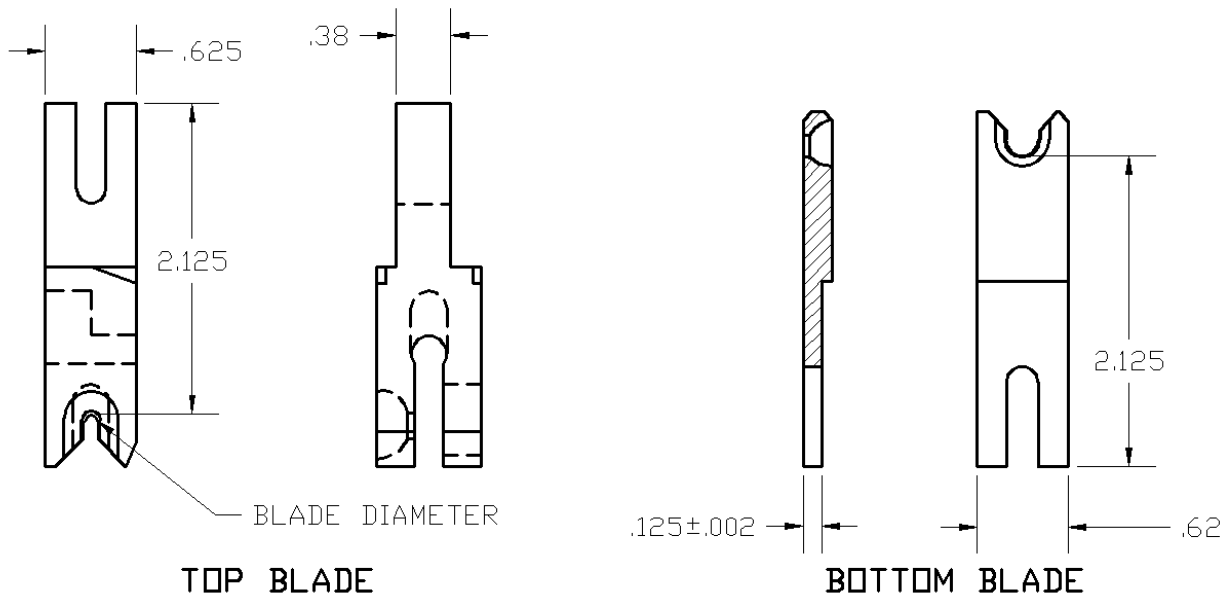
123237 Cut off blade, tangential V. This blade has higher strength than blade 136064, but causes more deformation to large wires due to not having a relief.



138643 Cut off blade, co-linear cut edge

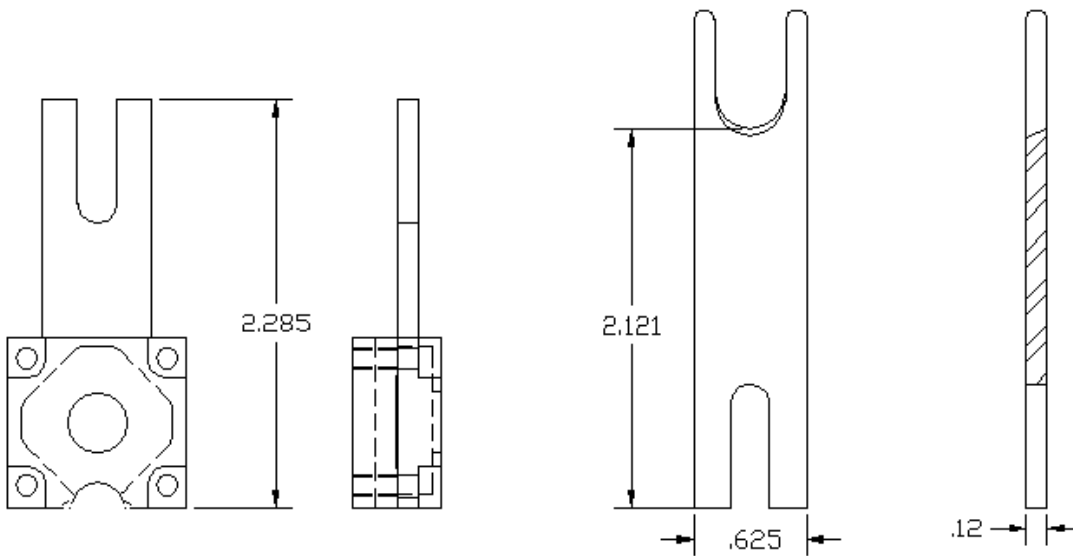


123701 Cut off blade, co-linear cut edge



143272-X Cut off blade, for cutting steel cable. Choose a diameter that is slightly larger than your cable for best results. The upper and lower are machined to be a matched set, they are not interchangeable with other sets. These blades requires pneumatic pivoting tool holders.

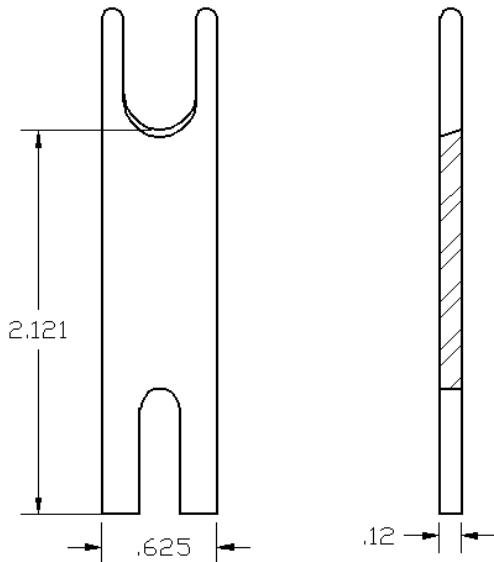
-x	Blade Diameter, inches	Blade Diameter, mm
-2	0.062	1.57
-1	0.104	2.64
-3	0.130	3.30
-4	0.156	3.96
-5	0.187	4.75



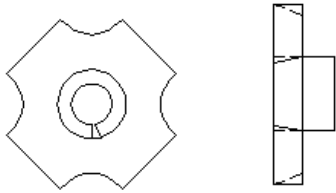
TOP BLADE

BOTTOM BLADE

5-122774-1 Carbide Kevlar cutting blade assembly. These blades requires pneumatic pivoting tool holders.



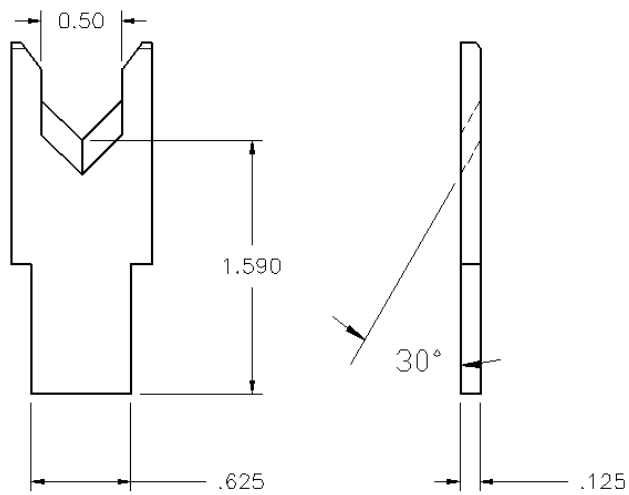
122771-1 Replacement lower bottom carbide blade for assembly 5-122774-1 Kevlar cutting blade assembly.



5-122865 Replacement upper carbide blade for assembly 5-122774-1 Kevlar cutting blade assembly.

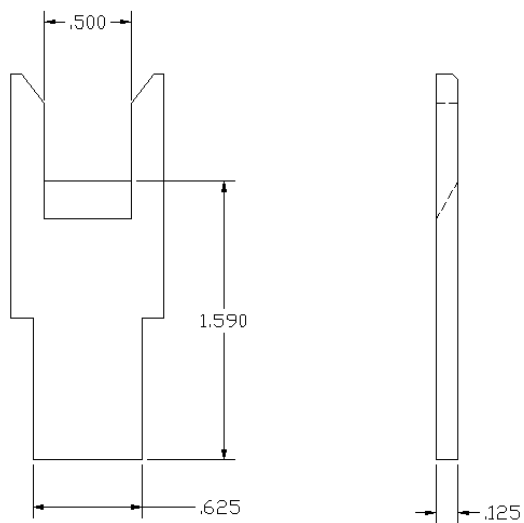
Cutoff blades for 1 blade machines

When using these you cannot strip the wire.

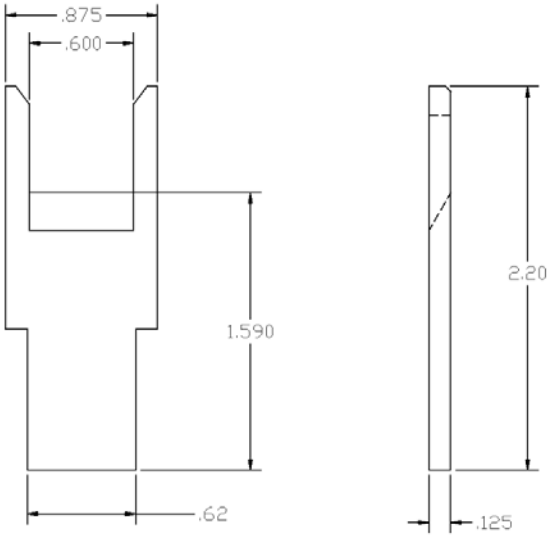


122863 Cut off blade, for single blade machine.

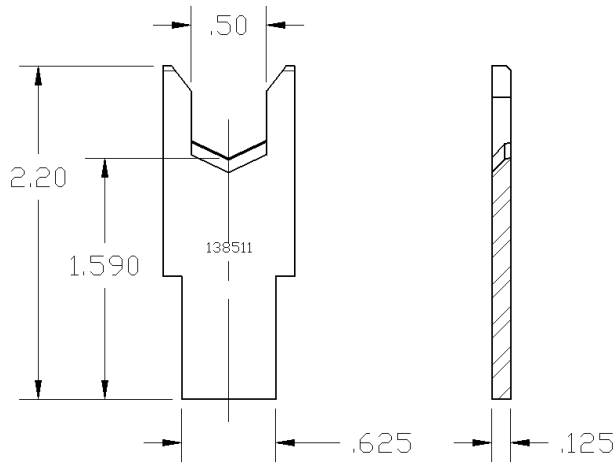
122863TC Cut off blade, for single blade machine. Titanium Nitrate coating



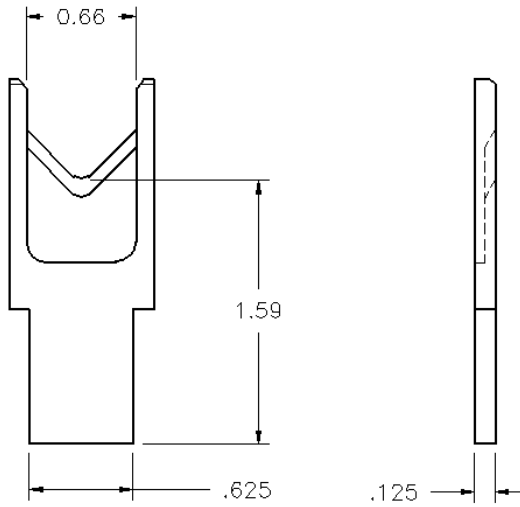
123537 Cut off blade, co-linear cut edge



1223760 Cut off blade, co-linear cut edge



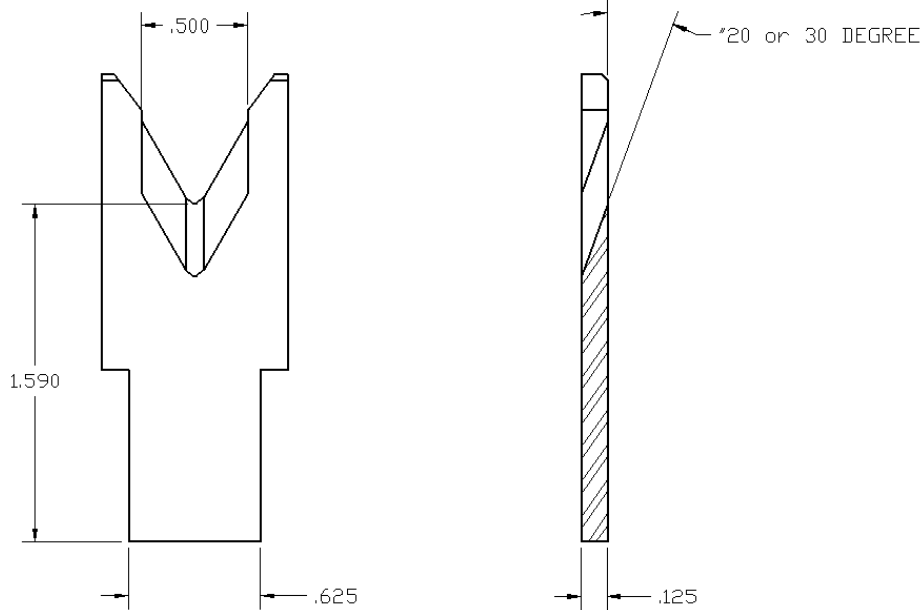
138511 Cut off blade, heavy duty, compound cutting angle. The compound cutting angle is less prone to chipping when cutting stiff conductors.



123163 Cut off blade with relief. When cutting through larger diameter materials, this blade will not cause as much deformation of the material as 122863. This disadvantage is that if the material is very hard this blade may have trouble with splitting in the center or chipping.

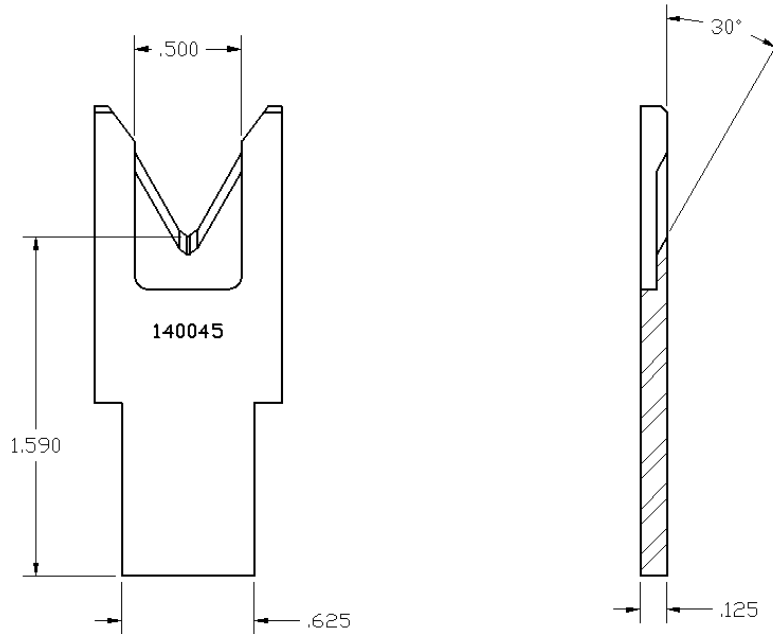
Wire stripping blades, for 1 and 2 blade machines

Universal V style stripping blades



137470-1 Strip blade universal "V" 30 degree, standard

137470-2 Strip blade universal "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. Not recommended for 1 blade machines, due to short life.



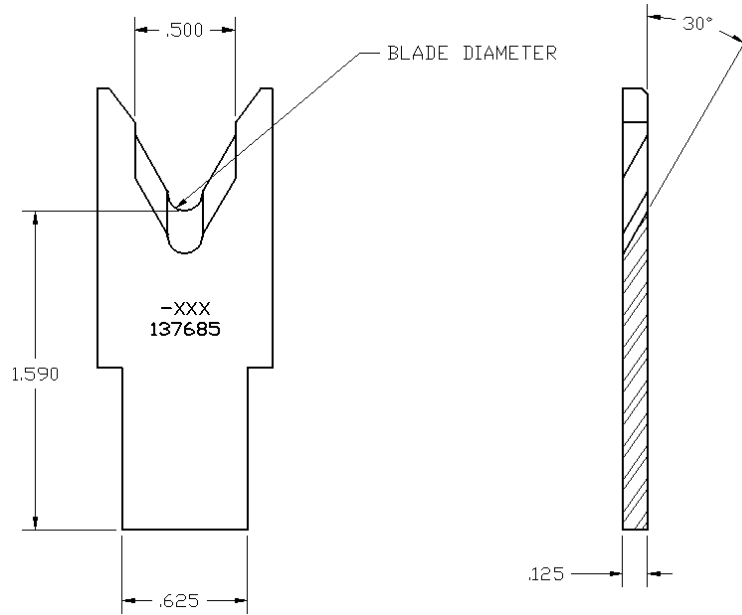
140045 Strip blade universal "V" 30 degree. This blade is designed for stripping very thick insulation materials.

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).

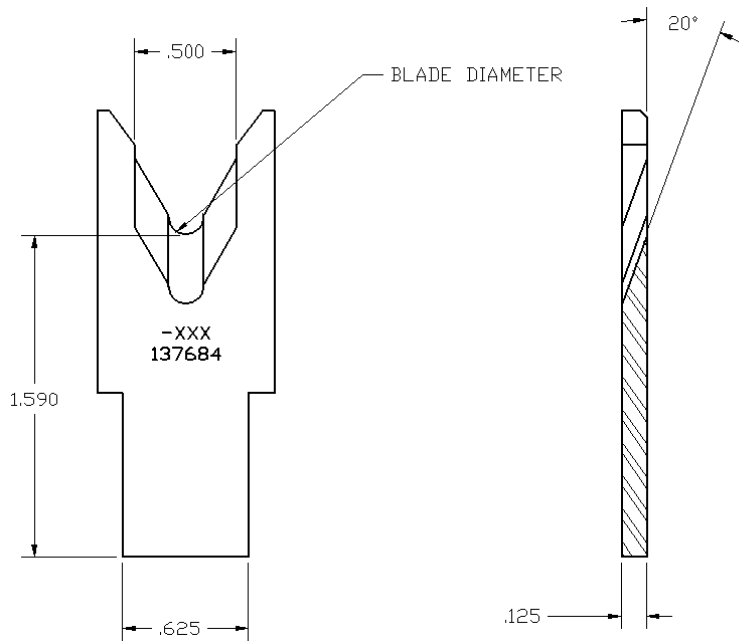
Disadvantages: shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.



137685-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	0.51	-120	3.05	-230	5.84
-028	0.71	-125	3.18	-240	6.10
-032	0.81	-130	3.30	-250	6.35
-034	0.86	-134	3.40	-260	6.60
-039	0.99	-135	3.43	-270	6.86
-043	1.09	-138	3.51	-280	7.11
-047	1.19	-140	3.56	-290	7.37
-051	1.30	-145	3.68	-300	7.62
-055	1.40	-150	3.81	-303	7.70
-063	1.60	-152	3.86	-307	7.80
-067	1.70	-160	4.06	-312	7.93
-069	1.75	-165	4.19	-320	8.13
-072	1.83	-170	4.32	-330	8.38
-075	1.91	-175	4.45	-340	8.64
-078	1.98	-177	4.50	-350	8.89
-088	2.24	-180	4.57	-360	9.14
-090	2.29	-185	4.70	-370	9.40
-096	2.44	-190	4.83	-380	9.65
-098	2.50	-195	4.95	-400	10.16
-100	2.54	-200	5.08	-420	10.67
-102	2.59	-205	5.21	-430	10.92
-109	2.77	-210	5.33	-450	11.43

-110	2.79	-220	5.59		
-112	2.85	-225	5.72		



137684-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. When stripping thick insulation, this angle will tend not to tip the slug end as much as a 30 degree blade would. The downside is that they do not stay sharp as long as 30 degree blade. Not recommended for 1 blade machines, due to short life.

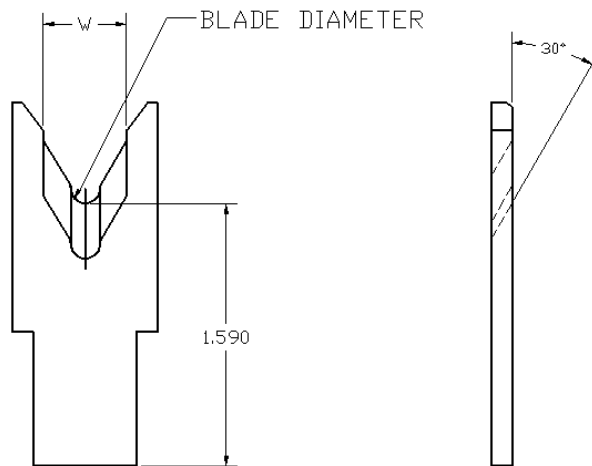
Dash # millimeters

-028	0.71	-120	3.05	-235	5.97
-034	0.86	-125	3.18	-240	6.10
-039	0.99	-140	3.56	-250	6.35
-043	1.09	-152	3.86	-260	6.60
-047	1.19	-160	4.06	-270	6.86
-051	1.30	-170	4.32	-280	7.11
-055	1.40	-175	4.45	-290	7.37
-063	1.60	-180	4.57	-300	7.62
-067	1.70	-185	4.70	-320	8.13
-072	1.83	-190	4.83	-330	8.38
-078	1.98	-194	4.95	-340	8.64
-088	2.24	-200	5.08	-350	8.89
-090	2.29	-205	5.21	-360	9.14
-098	2.50	-212	5.33	-370	9.40
-102	2.59	-220	5.59	-380	9.65
-110	2.79	-225	5.72	-400	10.16

-112	2.85	-230	5.84	-420	10.67
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123193-xxx Strip blade, radius style 30 degree edge with 20 degree relief. With this blade you get the longer life of a 30 degree edge but you get the advantage of steeper cutting angle. The steeper cutting angle helps reduce the slug from tipping and bending the end of the wire. This problem is more prevalent with thick insulation.

Dash #	millimeters				
-028	0.70	-140	3.56	-260	6.60
-039	0.99	-152	3.86	-270	6.86
-043	1.09	-160	4.06	-280	7.11
-047	1.19	-175	4.45	-290	7.37
-055	1.40	-178	4.52	-300	7.62
-067	1.70	-185	4.70	-320	8.13
-072	1.83	-190	4.83	-340	8.64
-078	1.98	-200	5.08	-350	8.89
-088	2.24	-220	5.59	-360	9.14
-090	2.29	-225	5.72	-380	9.65
-102	2.59	-230	5.84	-400	10.16
-112	2.85	-240	6.10	-420	10.67
-125	3.18	-250	6.35		



123404-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 #	mm	W inches	W mm	Dash #	mm	W inches	W mm
-370	9.40	.60	15.2	-452	11.5	.70	17.8
-380	7.95	.60	15.2	-460	11.7	.70	17.8

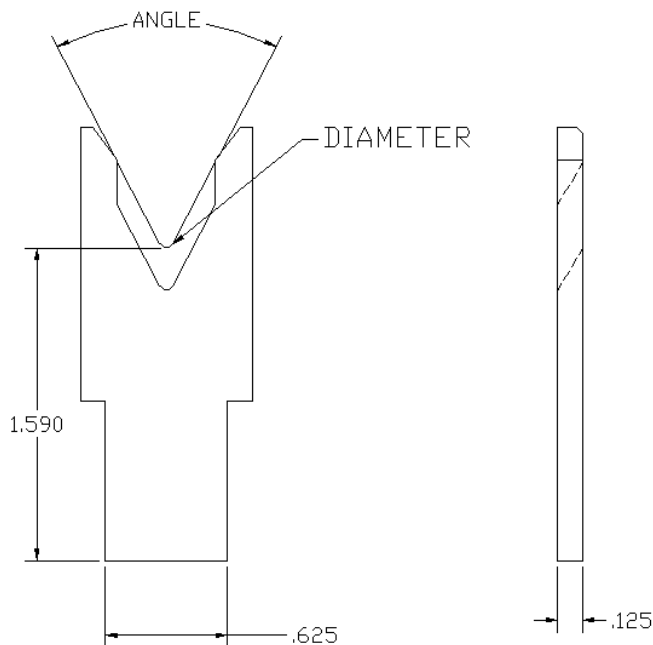
-390	9.91	.70	17.8	-475	12.1	.70	17.8
-410	10.4	.70	17.8	-480	12.2	.70	17.8
-420	10.7	.70	17.8	-500	12.7	.70	17.8
-430	10.9	.70	17.8	-510	13.0	.70	17.8
-440	11.2	.70	17.8	-560	14.2	.70	17.8

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.

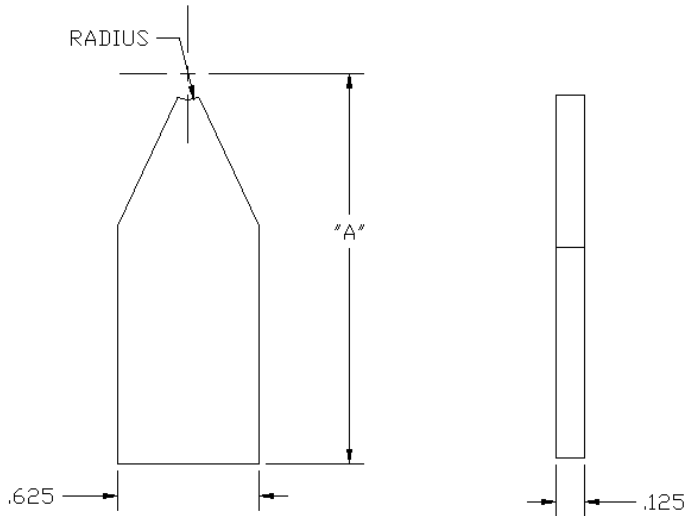
Disadvantages: inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.



123241-x Strip blade, tangent radius style 30 degree.

Item number	Diameter, inches	Diameter, mm	Mark	Angle
-1	0.022	0.6	V-022	60
-2	0.034	0.9	V-034	60
-3	0.042	1.1	V-042	60
-4	0.052	1.3	V-052	60
-5	0.062	1.6	V-062	60
-6	0.076	1.9	V-076	55
-7	0.096	2.4	V-096	60

-8	0.112	2.8	V-112	48
-9	0.172	4.4	V-172	40
-10	0.222	5.6	V-222	30
-11	0.312	7.9	V-312	30



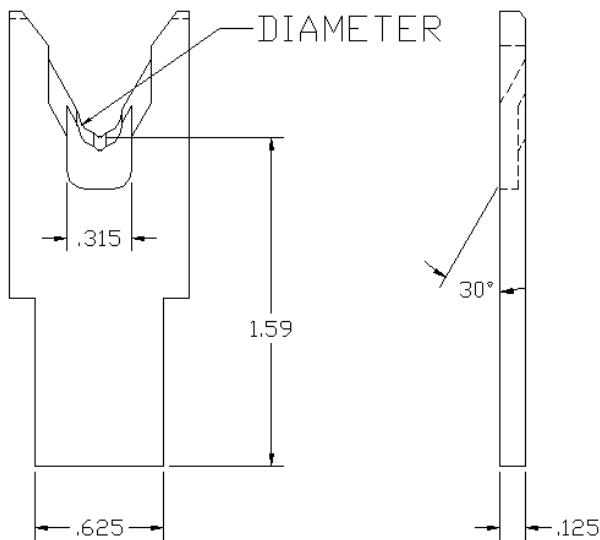
137813-x Depth stop for radius style strip blades. Spacers in the tool holder can be removed and replaced by a blade stop. The blade stop controls the depth the radius blade can penetrate the wire. This can help damaging strands in the wire, especially when working with very hard insulations. The blade stop is sized to the outer diameter of the wire. The disadvantage with the blade stop is the longer change over time from one wire to another. **Only for use in 2 blade machines.**

Item Number	Outer wire diameter, inches	Outer wire diameter, mm	Stripping Blade Diameter, inches	Stripping Blade Diameter, mm
-7	0.060	1.52	0.032	0.81
-8	0.062	1.57	0.038	0.97
-28	0.070	1.78	0.028	0.71
-29	0.130	3.30	0.068	1.73
-9	0.072	1.07	0.048	1.22
-24	0.080	2.03	0.028	0.71
-10	0.080	2.03	0.052	1.32
-25	0.090	2.29	0.032	0.81
-11	0.090	2.29	0.068	1.73
-14	0.100	2.54	0.032	0.81
-26	0.106	2.69	0.040	1.02
-15	0.110	2.79	0.034	0.86
-27	0.110	2.79	0.048	1.22
-12	0.118	3.00	0.088	2.24
-36	0.126	3.20	0.098	2.24
-16	0.132	3.35	0.048	1.22
-17	0.136	1.73	0.050	1.27
-5	0.140	3.56	0.030	0.76

-18	0.150	3.56	0.068	1.73
-13	0.150	3.81	0.102	2.59
-30	0.152	3.86	0.078	1.98
-32	0.156	3.96	0.109	2.76
-19	0.162	4.11	0.088	2.24
-31	0.182	4.62	0.112	2.84
-20	0.200	5.08	0.112	2.84
-33	0.200	5.08	0.130	3.30
-34	0.232	5.89	0.195	4.95
-23	0.240	6.10	0.166	4.22
-35	0.254	6.45	0.210	5.33
-6	0.270	6.86	0.200	5.08
-2	0.284	7.21	0.220	5.59
-21	0.290	7.37	0.180	4.57
-4	0.328	8.33	0.256	6.50
-22	0.340	8.64	0.230	6.10
-3	0.346	8.79	0.244	6.20
-1	0.486	12.34	0.320	8.13

Coaxial cable stripping blades

These blades can be used in the single blade and double blade machines. The blade is designed to cut off, to remove the outer jacket, and strip the conductor. The blade has a true radius vee form to remove the outer jacket, and a universal vee form to do the conductor strip. This blade is not designed for removing braided shielding.



123201 Coaxial stripping blade. Diameter = 0.185 inches, 4.7mm

123198 Coaxial stripping blade. Diameter = 0.220 inches 5.6mm

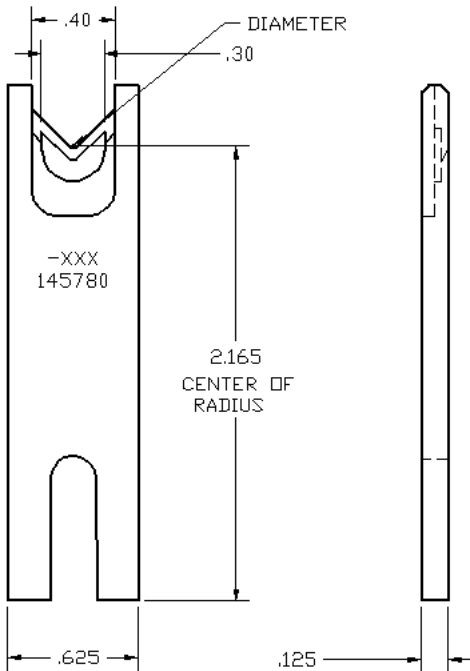
123403 Coaxial stripping blade. Diameter = 0.240 inches 6.1mm

Coaxial cable scoring / stripping blades

These blades are only for a two blade machine with coaxial cable cutter head 4-145880. This is basically a blade and guide combination that works only for a particular wire. It has been found that using a larger conductor strip blade (Item 2) than listed may reduce nicking the inner conductor for some of the cables. See drawing 6-145888 for more details.

Coax cable Part number	Item 1 Outer cut and strip	Item 2 Conductor Strip	Item 3 Inside Guide	Item 4 Outside Guide
MCI-124G	137685-152	145780-039	145781-1	145782-1
MCI-124	137685-140	145780-039	145781-1	145782-1
MCI-122	137685-170	145780-039	145781-2	145782-2
MCI-126	137685-170	145780-039	145781-2	145782-2
MCI-126-1	137685-170	145780-034	145781-2	145782-2
MCI-128	137685-170	145780-034	145781-2	145782-2
MCI-127	137685-185	145780-067	145781-2	145782-2
SK2000PLUS	137685-210	145780-047	145781-3	145782-3
EEHX-SB-3SQ-LS	137685-280	145780-102	145781-4	145782-4
SWEDCOM	137685-250	145780-069	145781-5	145782-5
SWEDCOM	137685-145	145780-039	145781-6	145782-6

137685-xxx Outer cut and strip. See section "True radius style stripping blades" for the selection chart.



145780-xxx Conductor strip, the dash number is the dimension in thousands of an inch.

Dash number	Diameter mm	Dash number	Diameter mm
-020	0.51	-067	1.70
-028	0.71	-069	1.75
-034	0.86	-072	1.83

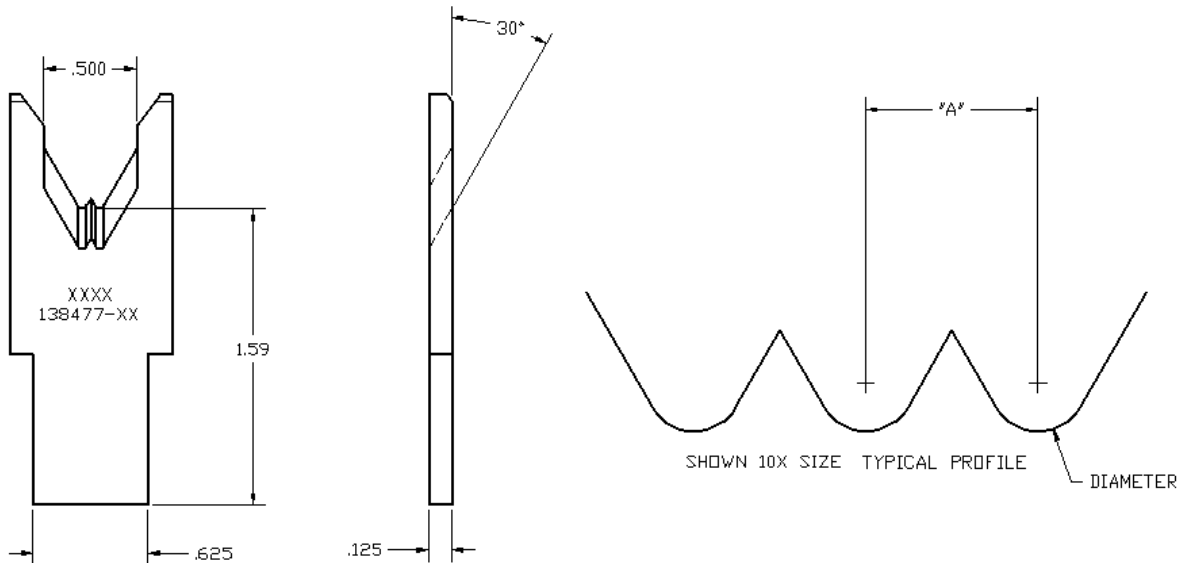
-039	0.99	-088	2.24
-043	1.09	-090	2.29
-047	1.19	-096	2.44
-055	1.40	-102	2.59

Multi-conductor radius style stripping blades

Not recommended for 1 blade machines, due to shorter life because of cutting the copper.

True radius style multi-conductor stripping blades

For these blades the distance between the conductors must be equal. Generally these blades must be custom sized to the wire. The charts given for each blade below are given for reference and are orderable numbers. If you are unsure how to size the blade, provide a wire samples to Artos Engineering for determination of the blade sizing.

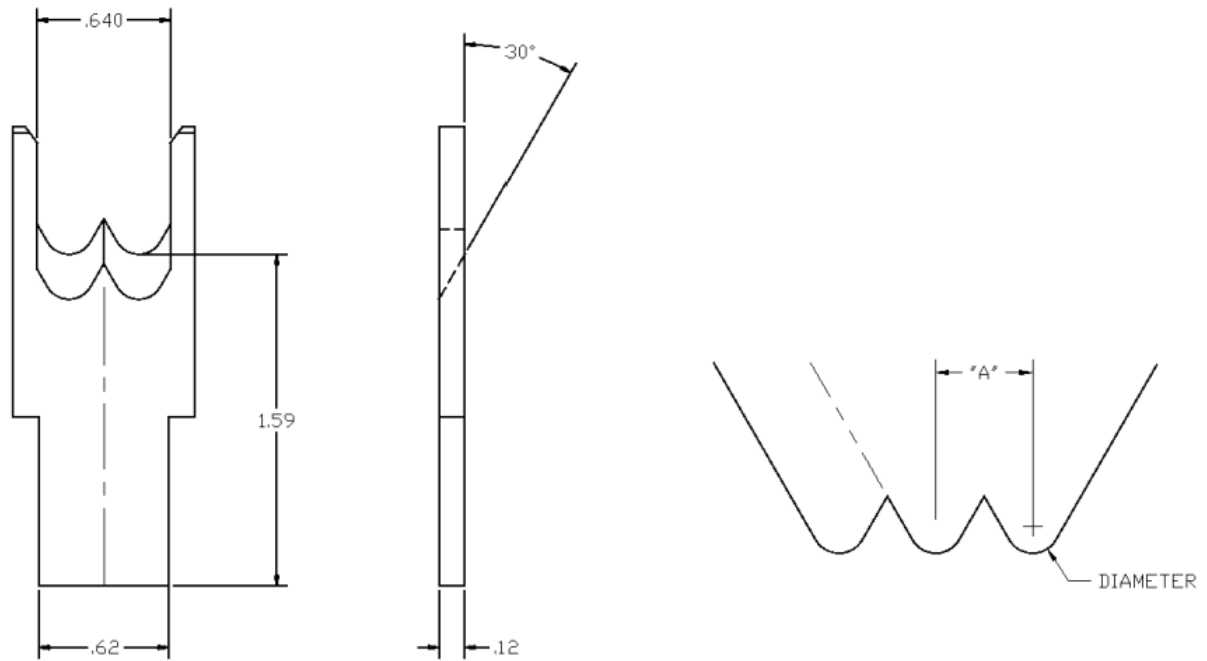


138477-x Blade, 30 degree for stripping parallel wire. This blade is the most commonly used for multi-conductor parallel wire.

Item Number	Mark	# of V's	Dia. inches	Dia. mm	"A" inches	"A" mm
-88	2V-012-024	2	0.012	0.30	0.024	0.61
-54	2V-022-035	2	0.022	0.56	0.035	0.89
-74	2V-022-040	2	0.022	0.56	0.040	1.02
-91	2V-022-047	2	0.022	0.56	0.047	1.19
-55	2V-022-055	2	0.022	0.56	0.055	1.40
-92	2V-022-070	2	0.022	0.56	0.070	1.78
-52	2V-034-050	2	0.034	0.86	0.050	1.27
-42	2V-034-062	2	0.034	0.86	0.062	1.57
-31	2V-034-070	2	0.034	0.86	0.070	1.78

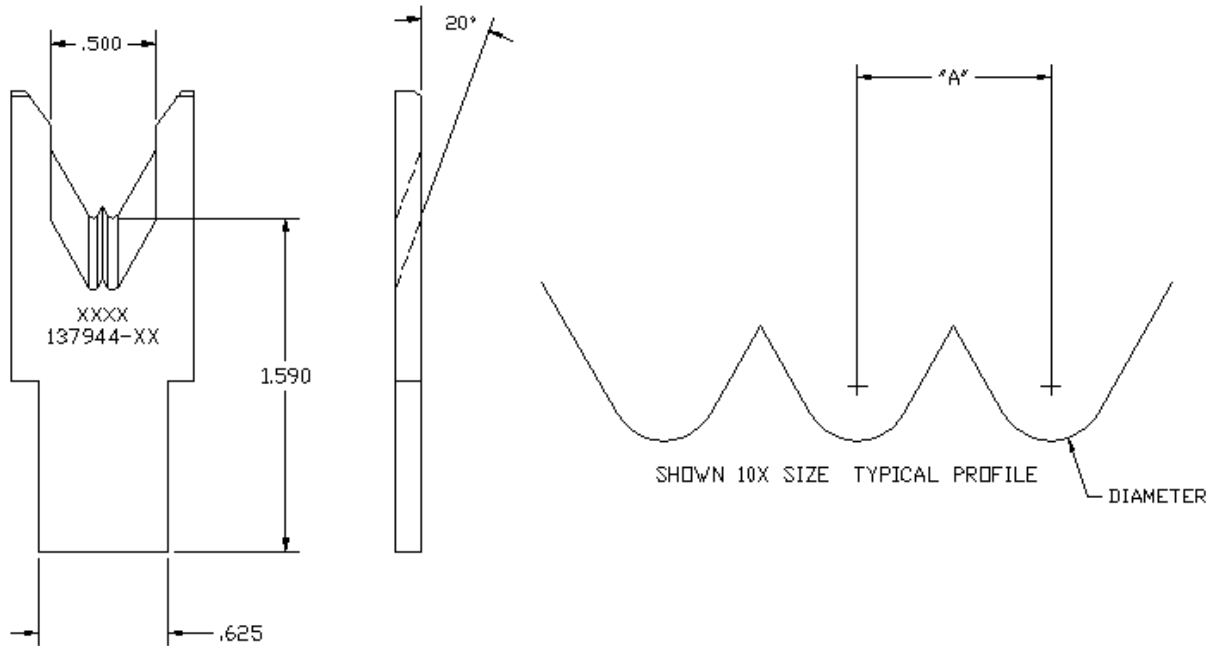
-50	2V-034-076	2	0.034	0.86	0.076	1.93
-58	2V-034-093	2	0.034	0.86	0.093	2.36
-59	2V-034-100	2	0.034	0.86	0.100	2.54
-37	2V-034-115	2	0.034	0.86	0.115	2.92
-51	2V-034-130	2	0.034	0.86	0.130	3.30
-53	2V-042-050	2	0.042	1.07	0.050	1.27
-66	2V-042-063	2	0.042	1.07	0.063	1.60
-21	2V-042-070	2	0.042	1.07	0.070	1.78
-61	2V-042-075	2	0.042	1.07	0.075	1.91
-10	2V-042-085	2	0.042	1.07	0.085	2.16
-32	2V-042-100	2	0.042	1.07	0.100	2.54
-38	2V-042-105	2	0.042	1.07	0.105	2.67
-83	2V-042-110	2	0.042	1.07	0.110	2.79
-30	2V-042-120	2	0.042	1.07	0.120	3.05
-80	2V-042-150	2	0.042	1.07	0.150	3.81
-49	2V-042-170	2	0.042	1.07	0.170	4.32
-17	2V-052-076	2	0.052	1.32	0.076	1.93
-72	2V-052-092	2	0.052	1.32	0.092	2.34
-25	2V-052-100	2	0.052	1.32	0.100	2.54
-94	2V-052-110	2	0.052	1.32	0.110	2.79
-24	2V-052-115	2	0.052	1.32	0.115	2.92
-16	2V-052-125	2	0.052	1.32	0.125	3.18
-14	2V-052-130	2	0.052	1.32	0.130	3.30
-36	2V-052-160	2	0.052	1.32	0.160	4.06
-84	2V-052-170	2	0.052	1.32	0.170	4.32
-8	2V-062-085	2	0.062	1.57	0.085	2.16
-9	2V-062-100	2	0.062	1.57	0.100	2.54
-33	2V-062-120	2	0.062	1.57	0.120	3.05
-12	2V-062-125	2	0.062	1.57	0.125	3.18
-65	2V-062-140	2	0.062	1.57	0.140	3.56
-97	2V-062-150	2	0.062	1.57	0.150	3.81
-22	2V-062-185	2	0.062	1.57	0.185	4.70
-7	2V-076-092	2	0.076	1.93	0.092	2.34
-13	2V-076-100	2	0.076	1.93	0.100	2.54
-62	2V-076-120	2	0.076	1.93	0.120	3.05
-93	2V-076-125	2	0.076	1.93	0.125	3.18
-35	2V-076-140	2	0.076	1.93	0.140	3.56
-11	2V-076-160	2	0.076	1.93	0.160	4.06
-41	2V-076-170	2	0.076	1.93	0.170	4.32
-39	2V-076-175	2	0.076	1.93	0.175	4.45
-6	2V-096-120	2	0.096	2.44	0.120	3.05
-71	2V-096-140	2	0.096	2.44	0.140	3.56
-64	2V-096-150	2	0.096	2.44	0.150	3.81
-3	2V-102-125	2	0.102	2.59	0.125	3.18
-5	2V-102-137	2	0.102	2.59	0.137	3.48
-34	2V-112-160	2	0.112	2.84	0.160	4.06
-63	2V-125-175	2	0.125	3.18	0.175	4.45
-18	2V-125-188	2	0.125	3.18	0.188	4.78

-40	2V-125-225	2	0.125	3.18	0.225	5.72
-23	2V-125-285	2	0.125	3.18	0.285	7.24
-1	2V-140-250	2	0.140	3.56	0.250	6.35
-90	3V-034-050	3	0.034	0.86	0.050	1.27
-89	3V-034-055	3	0.034	0.86	0.055	1.40
-75	3V-042-060	3	0.042	1.07	0.060	1.52
-56	3V-052-086	3	0.052	1.32	0.086	2.18
-46	3V-052-092	3	0.052	1.32	0.092	2.34
-43	3V-052-110	3	0.052	1.32	0.110	2.79
-57	3V-052-125	3	0.052	1.32	0.125	3.18
-15	3V-052-130	3	0.052	1.32	0.130	3.30
-44	3V-052-140	3	0.052	1.32	0.140	3.56
-99	3V-062-092	3	0.062	1.57	0.092	2.34
-48	3V-062-105	3	0.062	1.57	0.105	2.67
-79	3V-062-115	3	0.062	1.57	0.115	2.92
-19	3V-062-125	3	0.062	1.57	0.125	3.18
-78	3V-062-156	3	0.062	1.57	0.156	3.96
-87	3V-067-054	3	0.067	1.70	0.054	1.37
-67	3V-076-116	3	0.076	1.93	0.116	2.95
-20	3V-076-140	3	0.076	1.93	0.140	3.56
-77	3V-076-170	3	0.076	1.93	0.170	4.32
-68	3V-096-095	3	0.096	2.44	0.095	2.41
-100	3V-096-110	3	0.096	2.44	0.110	2.79
-69	3V-102-102	3	0.102	2.59	0.102	2.59
-4	3V-102-125	3	0.102	2.59	0.125	3.18
-70	3V-125-120	3	0.125	3.18	0.120	3.05
-27	4V-020-038	4	0.020	0.51	0.038	0.97
-82	4V-020-055	4	0.020	0.51	0.055	1.40
-2	4V-020-095	4	0.020	0.51	0.095	2.41
-73	4V-034-050	4	0.034	0.86	0.050	1.27
-76	4V-034-065	4	0.034	0.86	0.065	1.65
-96	4V-034-096	4	0.034	0.86	0.096	2.44
-26	4V-052-079	4	0.052	1.32	0.079	2.01
-45	4V-052-092	4	0.052	1.32	0.092	2.34
-95	4V-052-110	4	0.052	1.32	0.110	2.79
-47	4V-062-105	4	0.062	1.57	0.105	2.67
-101	4V-076-100	4	0.076	1.93	0.100	2.54
-98	5V-052-092	5	0.052	1.32	0.092	2.34
-28	6V-020-038	6	0.020	0.51	0.038	0.97
-81	6V-034-040	6	0.034	0.86	0.040	1.02
-60	6V-034-065	6	0.034	0.86	0.065	1.65
-29	8V-020-038	8	0.020	0.51	0.038	0.97



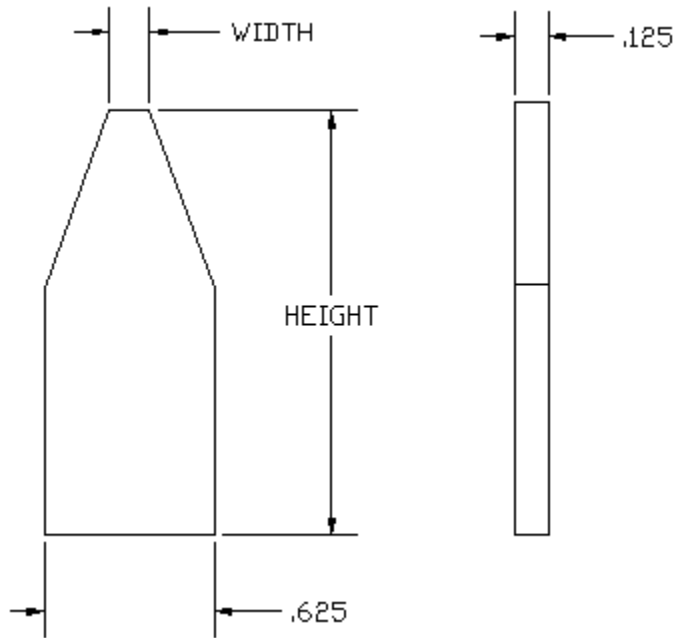
123157-XX Wide Multe-V strip (30 degree)

Item Number	Mark	# of V's	Dia. inches	Dia. mm	"A" inches	"A" mm
-6	2V-125-285	2	0.125	3.18	0.285	7.24
-9	2V-156-281	2	0.156	3.96	0.281	7.14
-10	2V-230-225	2	0.230	5.84	0.225	5.72
-1	2V-240-335	2	0.240	6.10	0.335	8.51
-4	3V-076-140	3	0.076	1.93	0.140	3.56
-5	3V-096-155	3	0.096	2.44	0.155	3.94
-7	3V-112-110	3	0.112	2.84	0.110	2.79
-3	3V-134-126	3	0.134	3.40	0.126	3.20
-2	3V-156-145	3	0.156	3.96	0.145	3.68
-8	5V-062-105	5	0.062	1.57	0.105	2.67



137944-x Blade, 20 degree for stripping parallel wire. This blade has a finer cutting edge and more relief but will not stay sharp as long as a 30 degree blade.

Item Number	Mark	# of V's	Dia. inches	Dia. mm	"A" inches	"A" mm
-13	2V-020-035	2	0.020	0.51	0.035	0.89
-14	2V-034-055	2	0.034	0.86	0.055	1.40
-3	2V-034-098	2	0.034	0.86	0.098	2.49
-14	2V-039-090	2	0.039	0.99	0.090	2.29
-1	2V-042-076	2	0.042	1.07	0.076	1.93
-10	2V-042-083	2	0.042	1.07	0.083	2.11
-2	2V-042-089	2	0.042	1.07	0.089	2.26
-4	2V-042-110	2	0.042	1.07	0.110	2.79
-11	2V-052-100	2	0.052	1.32	0.100	2.54
-6	2V-052-140	2	0.052	1.32	0.130	3.30
-8	2V-102-125	2	0.102	2.59	0.125	3.18
-5	2V-125-250	2	0.125	3.18	0.250	6.35
-16	3V-022-050	3	0.022	0.56	0.050	1.27
-9	3V-102-125	3	0.102	2.59	0.125	3.18
-7	4V-020-095	4	0.020	0.51	0.095	2.41
-12	4V-020-100	4	0.020	0.51	0.100	2.54



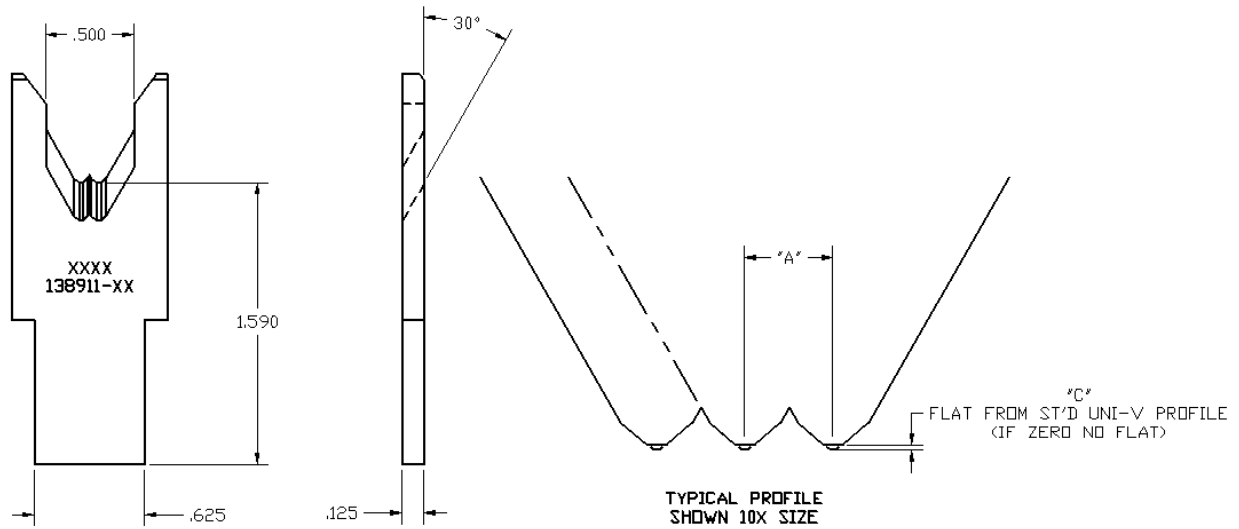
146165-x Depth stop for multi-conductor style strip blades. Spacers in the tool holder can be removed and replaced by a blade stop. The blade stop controls the depth the blade can penetrate the wire. This can help damaging strands in the wire, especially when working with very hard insulations. The blade stop is sized to the outer diameter of the wire. The disadvantage with the blade stop is the longer change over time from one wire to another. **Only for use in 2 blade machines.**

Item Number	Width, inches	Width, mm	Height, inches	Height, mm
-7	0.079	2.00	1.567	39.79
-6	0.079	2.00	1.570	39.89
-5	0.079	2.00	1.574	39.99
-4	0.079	2.00	1.578	40.09
-8	0.100	2.54	1.539	39.09
-9	0.100	2.54	1.543	39.19
-10	0.100	2.54	1.547	39.29
-11	0.100	2.54	1.551	39.39
-12	0.100	2.54	1.555	39.49
-13	0.100	2.54	1.559	39.59
-2	0.140	3.56	1.575	40.01
-1	0.150	3.81	1.561	39.65
-3	0.160	4.06	1.549	39.34

Universal V style multi-conductor stripping blades

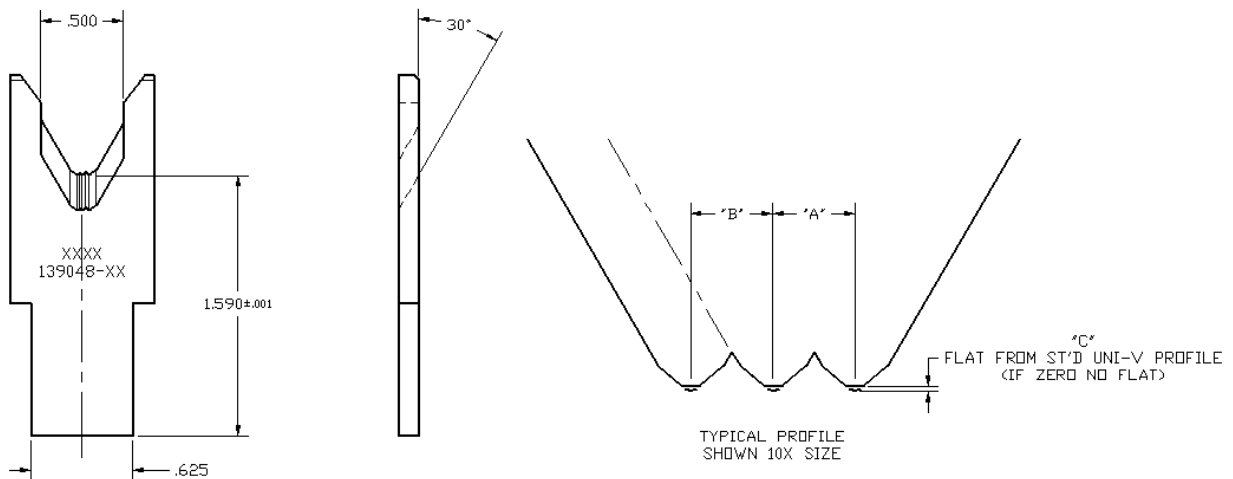
For these blades only the distance between the conductors is specified. The advantage with these blades compared to the true radius blades is that they are designed to work with a variety of wire sizes. A disadvantage is that they do not penetrate the webbing between the wires as well and require the

machine to pull harder to remove the strip end. The charts given for each blade below are given for reference and are orderable numbers.



138911-x Blade, 30 degree for stripping parallel wire. The distance between each conductor in the cable must be the same dimension.

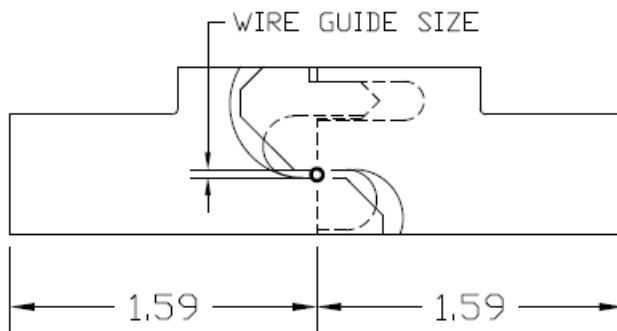
Item Number	Mark	# of V's	"A" inches	"A" mm	"C" inches	"C" mm
-1	2UNI-V-100	2	0.100	2.54	0.006	0.15
-2	2UNI-V-115	2	0.115	2.92	0.006	0.15
-3	2UNI-V-050	2	0.050	1.27	0	0
-4	2UNI-V-077	3	0.077	1.96	0	0



139048-x Blade, 30 degree for stripping parallel wire. The distance between each conductor in the cable can be different dimensions. There are no standard sizes for this blade it must always be custom ordered.

DIE BLADES

Z-XXX-YYY-R Die blade



The die style blade has a fixed cutter opening. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around the cutting edge. This type of blade is made precisely for the wire that is to be stripped. It is good for the removal of very thin insulation walls or where the outer jacket is oval shaped. It is also useful for processing solid conductor insulated wire. Normally this is the blade of choice for sjt, svt, sjo, coaxial cable outer jacket removal, and many round multi-conductor cables

Determining part number of a die blade. Drawing number 5-122681

Z-XXX-ZZZ-R Ordering number format.

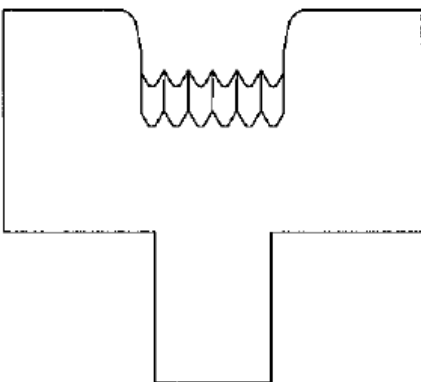
Z Stands for CS326 die blade

XXX Is the diameter of the conductor hole in inches (leave out the decimal point) – the chart below are the standard sizes call Artos if you need a size that is not on the chart.

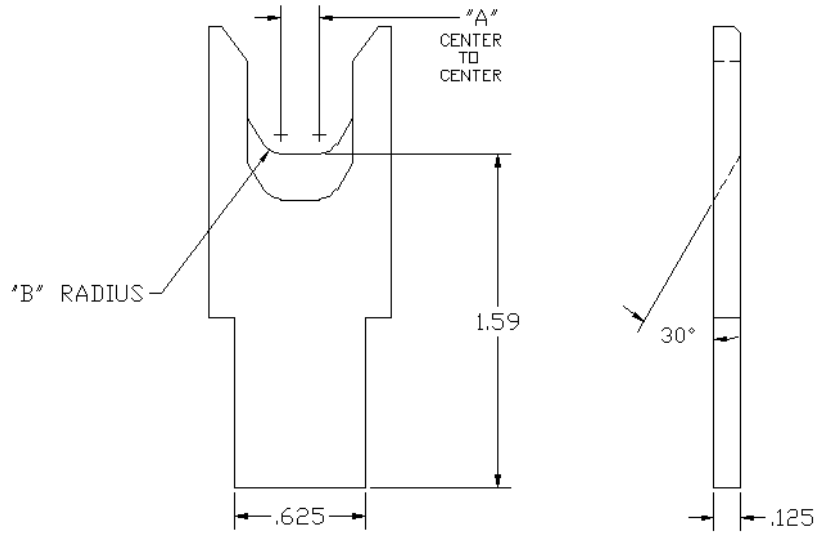
ZZZ is the diameter of the insulation hole

SPECIAL APPLICATION BLADES

Artos can provide blades for special applications. Below are some examples of customer specific blades. For a quote please provide material samples to Artos Engineering.



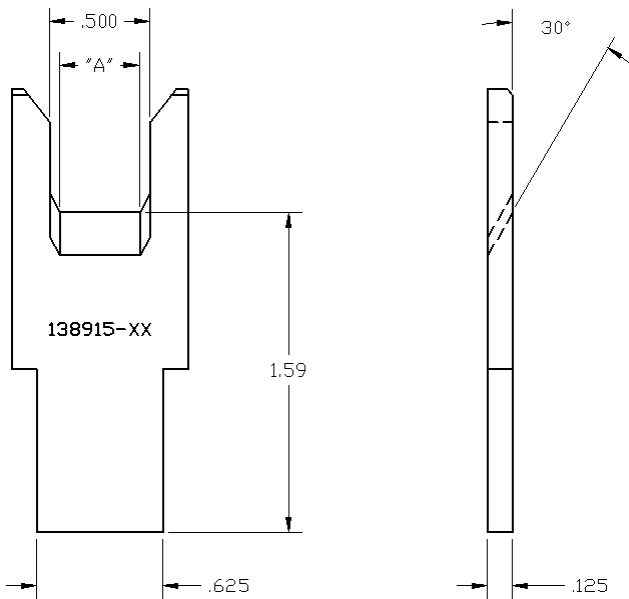
123120-XX Multi-V strip



123160-XX Multi-conductor oval strip

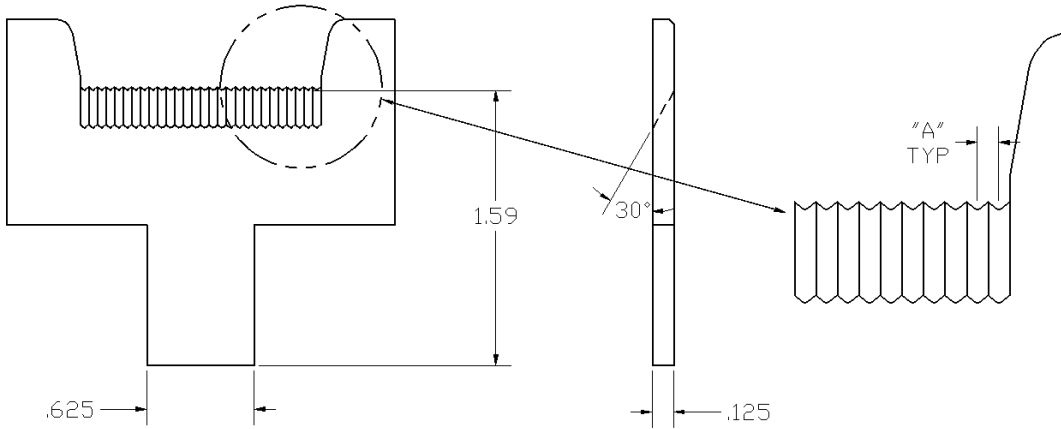
Item Number	"A" inches	"A" mm	"B" inches	"B" mm
-5	0.050	1.27	0.026	0.66
-40	0.053	1.35	0.031	0.79
-17	0.054	1.37	0.034	0.86
-26	0.062	1.57	0.080	2.03
-28	0.063	1.60	0.034	0.86
-30	0.072	1.83	0.040	1.02
-9	0.076	1.93	0.045	1.14
-29	0.085	2.16	0.045	1.14
-3	0.090	2.29	0.045	1.14
-20	0.095	2.41	0.073	1.85
-37	0.096	2.44	0.022	0.56
-2	0.100	2.54	0.052	1.32
-7	0.106	2.69	0.052	1.32
-19	0.107	2.72	0.099	2.51
-33	0.108	2.74	0.022	0.56
-21	0.125	3.18	0.065	1.65
-35	0.130	3.30	0.051	1.30
-15	0.140	3.56	0.048	1.22
-25	0.145	3.68	0.075	1.91
-38	0.160	4.06	0.022	0.56
-23	0.160	4.06	0.080	2.03
-42	0.175	4.45	0.060	1.52
-41	0.175	4.45	0.090	2.29
-36	0.180	4.57	0.066	1.68
-16	0.184	4.67	0.051	1.30
-1	0.186	4.72	0.095	2.41
-27	0.190	4.83	0.022	0.56
-4	0.200	5.08	0.100	2.54
-13	0.200	5.08	0.070	1.78
-14	0.200	5.08	0.055	1.40

-11	0.215	5.46	0.080	2.03
-45	0.245	6.22	0.090	2.29
-39	0.224	5.69	0.022	0.56
-31	0.244	6.20	0.030	0.76
-44	0.220	5.59	0.065	1.65
-8	0.260	6.60	0.066	1.68
-6	0.266	6.76	0.022	0.56
-12	0.266	6.76	0.090	2.29
-18	0.276	7.01	0.071	1.80
-10	0.280	7.11	0.080	2.03
-43	0.285	7.24	0.060	1.52
-22	0.360	9.14	0.065	1.65
-32	0.412	10.46	0.026	0.66
-24	0.472	11.99	0.065	1.65



138915-XX Straight edge strip for ribbon or phone cable

Item Number	"A" inches	"A" mm	Item Number	"A" inches	"A" mm
-01	.394	10.00	-03	.211	5.36
-02	.104	2.64	-04	.146	3.71



139404-XX Multi-V strip for ribbon or phone cable

Item Number	Mark	# of V's	"A" inches	"A" mm
-5	4-V-050	4	0.050	1.27
-11	4-V-100	4	0.100	2.54
-12	5-V-100	5	0.100	2.54
-9	6-V-100	6	0.100	2.54
-13	6-V-100	6	0.100	2.54
-4	8-V-050	8	0.050	1.27
-7	12-V-050	12	0.050	1.27
-10	12-V-100	12	0.100	2.54
-3	16-V-050	16	0.050	1.27
-8	20-V-050	20	0.050	1.27
-2	24-V-050	24	0.050	1.27
-1	28-V-050	28	0.050	1.27
-6	34-V-050	34	0.050	1.27