

TUFFALOY BENT TIPS

DOUBLE-BEND, WITH STANDARD NOSE DESIGNS

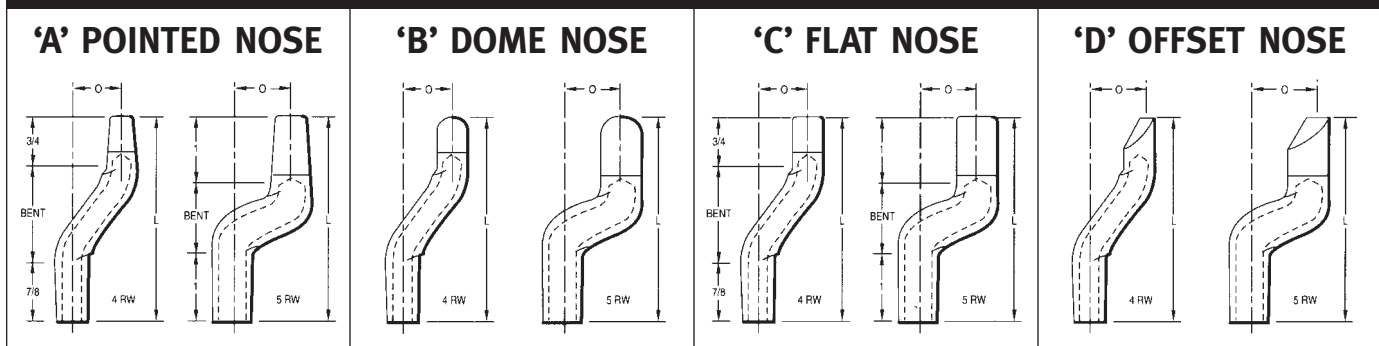
These standard cold-formed tips are bent from straight tips (some after added machining) and have the same hardness and conductivity. They outlast, many times over, the old cast and forged tips of similar geometry, which are impossible to cool adequately.

The table shows a wide range of tips generally available from stock. For sizes not shown, refer to the diagrams and description key at the bottom of the page, and order what you need. All measurements will be accurate. However, over-all length, in 1/8-in. multiples, will be held to within 1/16-in.

Tapers, water holes, and nose designs are the same as the standard straight tips in this catalog. Water tubes can be furnished.

Standard nose designs other than those shown here may be furnished on short order. Follow the "Key to Description", using a 'B' for Dome nose, 'C' for flat nose, 'E' for truncated cone, and 'F' for radius nose.

DOUBLE-BENT, ADDITIONAL NOSE DESIGNS



KEY TO DESCRIPTION

FX-YZLD-O

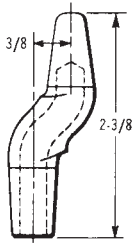
Example:
FB-1438-16-T

F = Cold-Formed, Double-Bend Tips
 X = Nose Type
 A
 B
 C
 D
 Y = RWMA Alloy Class
 1 = Class 1
 2 = Class 2
 Z = RW Taper Number
 4 = 4RW
 5 = 5RW
 L = Length in inches
 Refer to table for availability
 D = Additional Length in 16ths
 3
 3
 3
 O = Offset in 16ths
 Refer to table for availability
 T = With water tubes

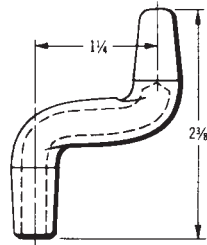
Taper No.	Length	Offset	CLASS 1				CLASS 2			
			FA Pointed Nose		FD Offset Nose		FA Pointed Nose		FD Offset Nose	
			Description	Item No.	Description	Item No.	Description	Item No.	Description	Item No.
4 RW	1-1/2	7/16					FA-2317-8	167-0060		
	2-3/16	1								
	2-1/4	1/2	FA-1424-8	165-0100			FA-2424-8	167-0100	FD-2423-16	167-2080
	2-1/4	3/4					FA-2424-12	167-0120		
	2-3/8	3/8	FA-1426-6	165-0160			FA-2426-6	167-0160		
	2-3/8	3/4					FA-2426-12	167-0180		
	2-3/8	1-1/4	FA-1426-20	165-0200	FD-1426-20	165-2200	FA-2426-20	167-0200	FD-2426-20	167-2200
	2-1/2	1/2					FA-2428-8	167-0240		
	2-1/2	1	FA-1428-16	165-0280	FD-1428-16	165-2280	FA-2428-16	167-0280	FD-2428-16	167-2280
	2-5/8	3/4	FA-14210-12	165-0320			FA-24210-12	167-0320	FD-24210-12	167-2320
	2-3/4	1/2	FA-14212-8	165-0360			FA-24212-8	167-0360	FD-24212-8	167-2360
	2-3/4	1					FA-24212-16	167-0400		
	2-3/4	1-1/4					FA-24212-20	167-0420		
	2-7/8	3/4					FA-24214-12	167-0430		
	2-7/8	1-1/4	FA-14214-20	165-0460			FA-24214-20	167-0460		
	3	1	FA-1430-16	165-0520			FA-2430-16	167-0520		
3-3/8	1-1/4					FA-2436-20	167-0580			
3-1/2	1					FA-2438-16	167-0620			
5 RW	2-1/4	1/2			FD-1524-20	165-3140			FD-2524-8	167-3100
	2-1/4	1-1/4							FD-2524-20	167-3140
	2-3/8	3/8	FA-1526-6	165-1160			FA-2526-6	167-1160	FD-2526-6	167-3160
	2-3/8	3/4			FD-1526-12	165-3180	FA-2526-12	167-1180	FD-2526-12	167-3180
	2-7/16	1-5/16								
	2-1/2	1/2	FA-1528-8	165-1240			FA-2528-8	167-1240		
	2-1/2	1					FA-2528-16	167-1280		
	2-3/4	1/2	FA-15212-8	165-1360	FD-15212-8	165-3360	FA-25212-8	167-1360	FD-25212-8	167-3360
	2-3/4	3/4					FA-25212-12	167-1380		
	2-3/4	1	FA-15212-16	165-1400	FD-15212-16	165-3400	FA-25212-16	167-1400	FD-25212-16	167-3400
	2-7/8	1					FA-25214-16	167-1440		
	2-7/8	1-1/4	FA-15214-20	165-1460			FA-25214-20	167-1460		
	3	1/2	FA-1530-8	165-1480			FA-2530-8	167-1480	FD-2530-8	167-3480
	3	3/4					FA-2530-12	167-1500		
	3	1					FA-2530-28	167-1540	FD-2530-16	167-3520
	3-1/4	1	FA-1534-16	165-1560			FA-2534-16	167-1560		
3-3/8	3/8			FD-1536-6	165-3570					
3-3/8	1-1/4	FA-1536-20	165-1580	FD-1536-20	165-3580	FA-2536-20	167-1580	FD-2536-20	167-3580	
3-1/2	1/2	FA-1538-8	165-1600			FA-2538-8	167-1600			
3-1/2	1					FA-2538-16	167-1620	FD-2538-16	167-3620	



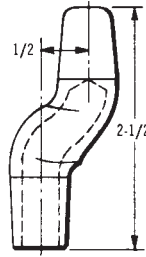
'A' POINTED NOSE



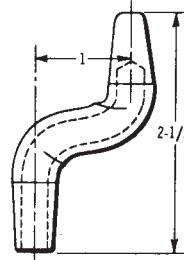
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 FA-1526-6 | FA-2526-6



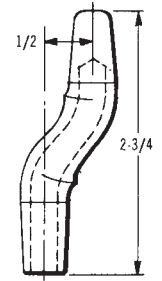
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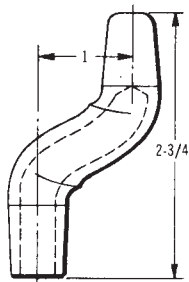
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 FA-2428-8



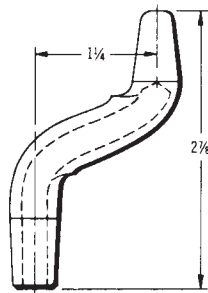
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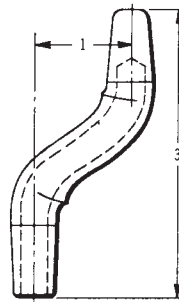
FA-14212-8 | FA-24212-8
 FA-15212-8 | FA-25212-8



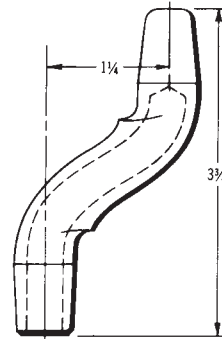
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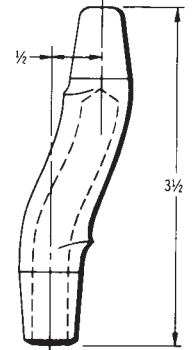
FA-14214-20 | FA-24214-20
 FA-15214-20 | FA-25214-20



FA-1430-16 | FA-2430-16

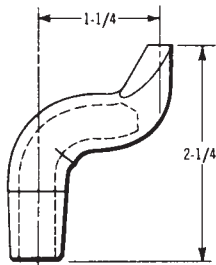


FA-1536-20 | FA-2436-20
 FA-2436-20

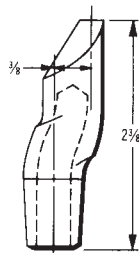


FA-1538-8 | FA-2538-8

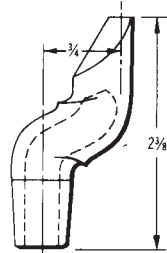
'D' OFFSET NOSE



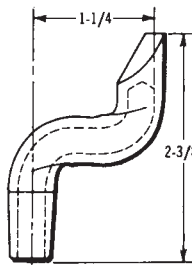
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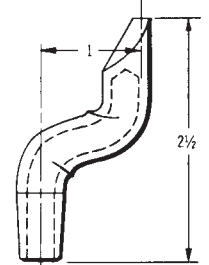
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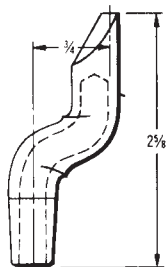
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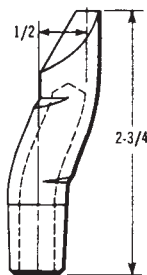
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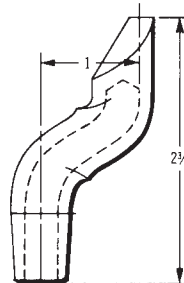
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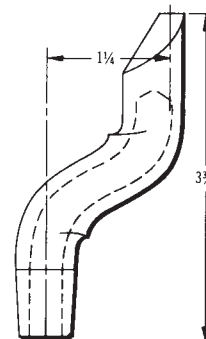
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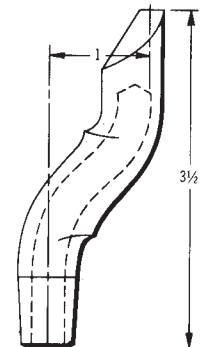
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 FD-24212-8



FD-15212-16 | FD-25212-16



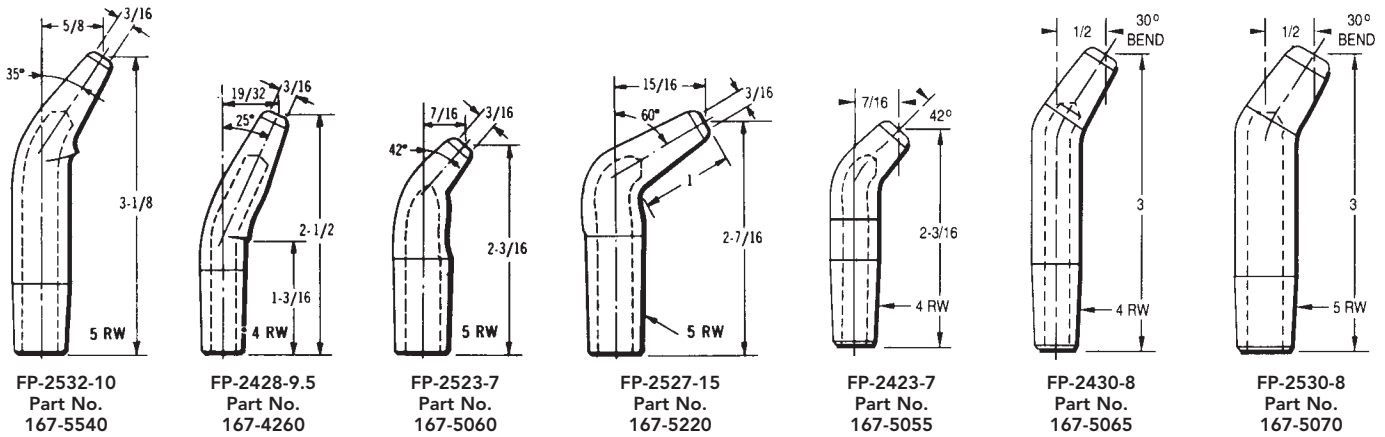
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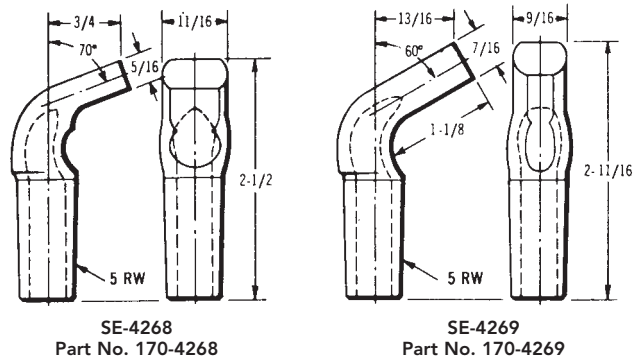
FD-2538-16

TUFFALOY BENT TIPS

SINGLE-BEND TIPS



Cold-formed tips with a single bend have standard pointed-nose design. Other single-bend tips with flat noses (below) or other special designed noses and configurations are available on special order. These are of Class 2 alloy; Class I alloy can also be ordered.



MISCELLANEOUS TIPS

Double bend and flattened tips are made from bar stock. These are some of the standard designs available, but special designs can also be made. These are of Class 2 alloy; Class I alloy can also be ordered.

