

# Countersink

## Applications



Hole Edge



Outer Edge

SHAVIV offers a series of simple- to-use, flexible, yet powerful tools for chamfering and cleaning pipes, tubes and holes. All blades are made of top quality HSS.

### Burr-Tips

→ Blades F12, F20 and F30 can be purchased separately and fit Holder F

## Set F



Basic set for chamfering holes and tubes up to 20mm (0.78Inch).



F20 Holder F

Set Name	Mfg. No.	Handle	Holder	Blades
Mango II Set F	155-90071	Mango II	F	F20
Set F Aluminum	155-00222	Aluminum	F	F20

## Set FR



Chamfering becomes simpler by adding the FR holder ratchet mechanism. Ideal for continuous and repetitive rotational work. Includes F20 blade.



F20 Holder FR

Set Name	Mfg. No.	Handle	Holder	Blades
Mango II Set FR	155-90072	Mango II	FR	F20
Set FR Aluminum	155-00223	Aluminum	FR	F20

## Set Burr-Ex



Practical for chamfering the outer diameter of tubes up to 26 mm (1 Inch) diameter. Includes Holder FR with ratchet mechanism.



F26X Holder FR

Set Name	Mfg. No.	Handle	Holder	Blades
Mango II Set Burr-Ex (FRX)	155-90073	Mango II	FR	F26X
Set Burr-Ex Aluminum	155-00224	Aluminum	FR	F26X

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F-series blades are suitable for most types of metal and plastic materials. Use for chamfering internal and external diameters according to blade geometry.

## F Blades

Blade	Picture	Description
F12 151-29049		Countersink for hole-edges (ID) up to 12 mm (0.47 Inch) diameter.
F20 151-29050		Countersink for hole-edges (ID) up to 20 mm (0.78 Inch) diameter.
F30 151-29051		Countersink for hole-edges (ID) up to 30 mm (1.18 Inch) diameter.
F26X 151-29147		External chamfering of countersinks and tubes up to 26 mm (1.02 Inch) diameter.

## High Performance HSS Countersink Kits NEW!!!!

Each kit includes a combination of 3 HSS countersinks designed to chamfer a wide range of holes and materials. **BONUS!!!!** Each kit includes a deburring Finishing Bit with B12 blade. Ideal for both hand and power tools.

### Tri-Flute Chamfering Kit

Mfg. No.154-00031 All the above tools feature 1/4" hex bit.

Tool	For holes up to Ø mm	For holes up to Ø in
FC20	20mm	0.78
FC16	16mm	0.63
FC12	12mm	0.472
<b>FREE</b> Finishing Bit with B12 blade		

### Zero Flute Chamfering Kit

Mfg. No.154-00032

Tool	Hole Range Ø mm	Hole Range Ø in
FD20	7-20mm	0.27-0.78
FD13	5-13mm	0.19-0.51
FD08	2-8mm	0.78-0.31
<b>FREE</b> Finishing Bit with B12 blade		



## All Metal PlumBurr

Practical tool made out of strong metal designed to chamfer tubes on both inner and outer edges.

Tube range: 6-41mm (0.23-1.61 Inch)-metal

4.8-38mm (0.189-1.496 Inch) - Plastic

Set Name	Mfg. No.
Plum-Burr Metal	155-90082

