

# ROLLERI

TOOLING LAB

LASER CONSUMABLES

PUNCHING TOOLS - IRON WORKER

SHEAR BLADES

PANEL BENDING TOOLS

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## BENDING

R10 TOOLS TYPE

AJIAL - AXIAL





ISO 9001 - ISO 45001  
CERTIFIED  
COMPANY



Click on QR codes or scan them to watch videos. Follow our official Youtube channel [www.youtube.com/Rollerispa](http://www.youtube.com/Rollerispa) or watch videos in our website <https://www.rolleritools.com/media>



#### Download Rolleri **Bending App**

It contains not only a lot of interesting contents but also sheet metal development calculator and bending ruler. Furthermore this free app contains a useful tool to scan the QR codes in this catalogue.



Ask for our punching tooling, ironworker, laser consumables, panel bending tooling and shear blades catalogues at [www.rolleritools.com/download](http://www.rolleritools.com/download)



The **Bending handbook** target is to supply practice and useful information to reach quickly the required result. A lot of examples, easy formulas and information which explain the proper attitude towards the bending process.



Create your account on [www.rolleritools.com](http://www.rolleritools.com)  
You can use Rolleri website to check the delivery time, request quotes, stay update with the news, check prices and place orders directly.



Click on the QR code or scan it to find prices and availability. Create your account on [www.rolleritools.com](http://www.rolleritools.com)



Check standard available sectioning.  
You can also ask for customized tool sectioning. Contact [sales@rolleri.it](mailto:sales@rolleri.it) to ask for feasibility and for customized products.



#### Download Rolleri **Clamping App**

Rolleri App contains a lot of useful information about our fast clamping systems, details for their installation and all user manuals.



## BENDING TOOLS

### R1 TOOLS TYPE

Compatible with press brakes: Accurl, Accurpress, ACL, Adira, Amada, Atlantic, Baykal, BL, Boschert, Boutillon, Bystronic, Beyeler, Euro-B, Coastone, Colgar, Dener, Deratech, Durmazlar, Ermaksan, Farina, Gade, Gasparini, Gecko, Gilardi, Gizelis, Haco, Hindustan, HPM, Iturraspe, Jfy, JMT, LFK, Metfab, MVD, Oriance, Prima Power, Promecam, Rico, Salvagnini, Schiavi, SMD, Sorg, Somo, Vicla, Vimercati, Warcom, Yawei,...

### R2-R3 TOOLS TYPE

Compatible with press brakes: Darley, LVD, Safan, Trumpf and press brakes with NSCL system, Bystronic Beyeler RFA, RF, R, S

### R4 TOOLS TYPE

Compatible with press brakes: LVD

### R5 TOOLS TYPE

Compatible with press brakes: American

### R6 TOOLS TYPE

Compatible with press brakes: Hämmerle-Bystronic

### R7 TOOLS TYPE

Compatible with press brakes: Colly

### R8 TOOLS TYPE

Compatible with press brakes: Colgar

### R9 TOOLS TYPE

Compatible with press brakes: Gasparini (axial)

### R10 TOOLS TYPE

Compatible with press brakes: Ajial Axial

### Rx TOOLS TYPE

Compatible with press brakes: EHT, Ursviken and Weinbrenner

### ROLLERI TECH, MODIFICATIONS AND SERVICES

Compatible with all types of press brakes

### CLAMPING SYSTEMS, INTERMEDIATES AND ADAPTERS

Compatible with all types of press brakes

### ROLLA-V AND SPECIAL DIES

Compatible with all types of press brakes

### MARK FREE BENDING AND ACCESSORIES

Compatible with all types of press brakes

## PANEL BENDING TOOLS

## SHEAR BLADES

## PUNCHING TOOLS

### R1 TOOLS TYPE

Compatible with punching machines Amada, Amada ABS, Wilson HP, Wilson HP WLS, Mate Ultra Tec

### R2 TOOLS TYPE

Compatible with Trumpf punching machines

### RS TOOLS TYPE

Compatible with Salvagnini punching machines

### SPECIAL TOOLS

Compatible with different types of punching machines

### ACCESSORIES

Compatible with different types of punching machines

### IRON WORKER

Iron cutting tools

## LASER CONSUMABLES

Find our wide range of laser consumables: one of the widest in the market.



# 6 R10 TOOLS

8 - PUNCHES: CONTENT EXPLANATION

9 - PUNCHES

10 - ADAPTERS

12 - DIES

**A**

AD15 10

AW15 10

AXP.72.24.R05 9

AXP.72.85.1 9

AXP.72.90.1 9

AXP.100.90.1 9

**M**

MC54.2050 13

MC54.3050 13

MC74.2050 13

MC74.3050 13

MC80.2050 12

MC80.3050 12

MC112.3050 12

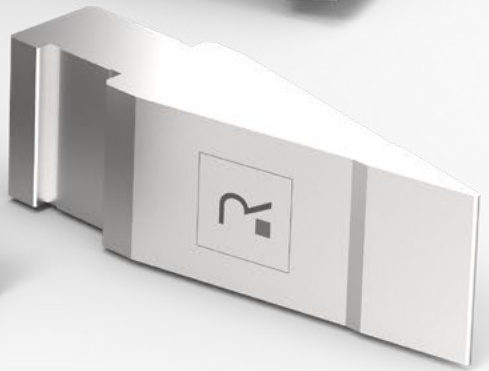
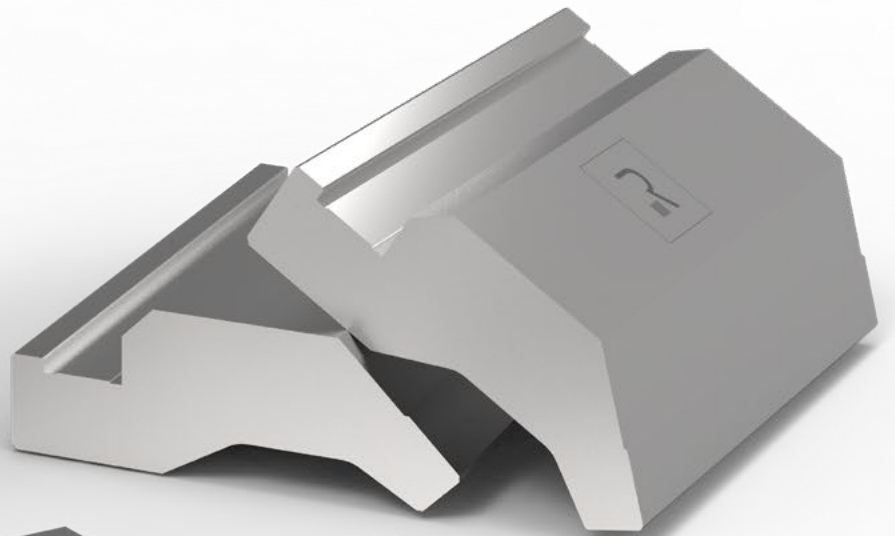
# R10

# TOOLS

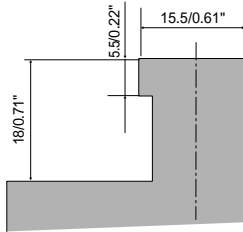
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Ajial-Axial

**Our tool codes are listed according to the tool angle**



## STANDARD TANG



## STANDARD LENGTH

1020 mm | 40.16"

## SEGMENTATION

Available also special fractioning on request - check the feasibility with [sales@rolleri.it](mailto:sales@rolleri.it)

◁ = Horn left ▷ = Horn right

F: 990 mm - 39.98"

mm: <100- 500- 100- 50-45- 40-35-20-100>

in: <3.94-19.68-3.94-1.97-1.77-1.57-1.37-0.79-3.94>



F: 1250 mm - 49.21"

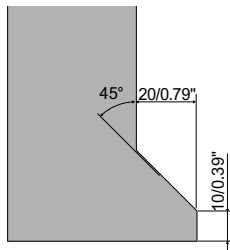
mm: 100-30-30-30-35-40-40-45-45-50-50-55-500-200

in: 3.94-1.18-1.18-1.18-1.37-1.57-1.57-1.77-1.77-1.97-1.97-2.16-19.68-7.87



## HORN TYPES

Check the standard horn in each code. All the other horns are available on request based on the series of the tool - check the feasibility with [sales@rolleri.it](mailto:sales@rolleri.it)



Rolleri **BLACKFIRE** is a surface treatment against steel oxidation. After such treatment tools become black and laser marking golden.



Rolleri **FREEZINC** is a surface treatment to avoid metal residues of galvanized steel or aluminium from remaining on tools during bending. Tools are also protected from oxidation



**AXP.100.90.1**

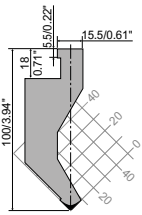


1020 mm 40.16" 16.3 kg  
990 mm 39.98" 15.2 kg F

C45: 560-710 N/mm<sup>2</sup>  
1000 kN/m max.

90°

H=100 | R=1.0 mm  
H=3.94 | R=0.039 in



**AXP.72.90.1**

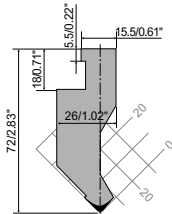


1020 mm 40.16" 10 kg  
990 mm 39.98" 9.7 kg F

42Cr: 900-1150 N/mm<sup>2</sup>  
1000 kN/m max.

90°

H=72 | R=1.0 mm  
H=2.83 | R=0.039 in



**AXP.72.85.1**

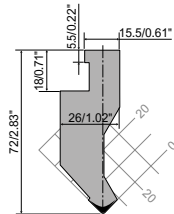


1020 mm 40.16" 10 kg  
990 mm 39.98" 9.7 kg F

C45: 560-710 N/mm<sup>2</sup>  
1000 kN/m max.

85°

H=72 | R=1.0 mm  
H=2.83 | R=0.039 in



**AXP.72.24.R05**

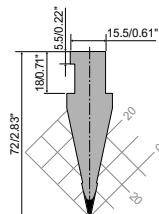


1020 mm 40.16" 7.1 kg  
990 mm 39.98" 6.9 kg F

C45: 560-710 N/mm<sup>2</sup>  
1000 kN/m max.

24°

H=72 | R=0.5 mm  
H=2.83 | R=0.020 in



F: 990 mm - 39.98"

mm: <100- 500- 100- 50-45- 40-35-20-100>

in: <3.94-19.68-3.94-1.97-1.77-1.57-1.37-0.79-3.94>



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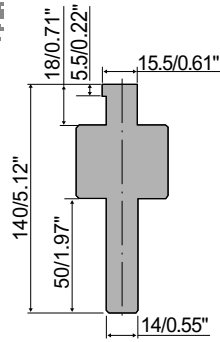
You can visit [mark free bending](#) section to discover many useful solutions on how to obtain sheet metal without signs of friction.

**AD15**

150 mm 5.90" 3 kg

R10 → R1  
C45: 560-710 N/mm<sup>2</sup>  
1000 kN/m max.

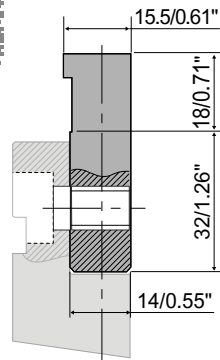
W=100 | H=130 mm  
W=3.94 | H=5.12 in



**AW15**

835 mm 32.87" 3 kg  
415 mm 16.34" 1.5 kg  
805 mm 31.69" 3 kg F

R10 → R1  
C45: 560-710 N/mm<sup>2</sup>  
1000 kN/m max.



F: 990 mm - 39.98"

mm: <100- 500- 100- 50-45- 40-35-20-100>  
in: <3.94-19.68-3.94-1.97-1.77-1.57-1.37-0.79-3.94>



Download Roller Bending App

It contains not only a lot of interesting contents but also sheet metal development calculator and bending ruler. Furthermore this free app contains a useful tool to scan the QR codes in this catalogue.



Download or request bending catalogue of tools type American, Ajjal Axial, Colgar, Colly, EHT, Gasparini, Hämmerle-Bystronic, Ursviken, and Weinbrenner on [www.rolleritools.com/download](http://www.rolleritools.com/download)



Create your account on [www.rolleritools.com](http://www.rolleritools.com)  
You can visit [mark free bending](#) section to discover many useful solutions on how to obtain sheet metal without signs of friction.

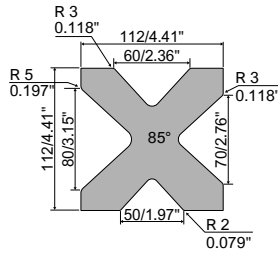
**MC112.3050**

1020 mm 40.16" 188 kg

C45: 560-710 N/mm<sup>2</sup>



85°		kN/m max.
R=2.0   V=50	R=0.079   V=1.97	800
R=3.0   V=60	R=0.118   V=2.36	850
R=3.0   V=70	R=0.118   V=2.76	900
R=5.0   V=80	R=0.197   V=3.15	800



**MC80.2050 / MC80.3050**

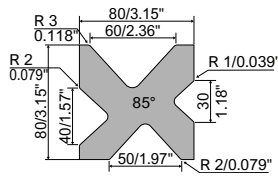
2050 mm 80.70" 66 kg

3050 mm 120.07" 98 kg F

C45: 560-710 N/mm<sup>2</sup>



85°		kN/m max.
R=1.0   V=40	R=0.039   V=1.57	750
R=2.0   V=30	R=0.079   V=1.18	750
R=2.0   V=50	R=0.079   V=1.97	750
R=3.0   V=60	R=0.118   V=2.36	750



F: 1250 mm - 49.21"

mm: 100-30-30-30-35-40-40-45-45-50-50-55-500-200

in: 3.94-1.18-1.18-1.18-1.37-1.57-1.57-1.77-1.77-1.97-1.97-2.16-19.68-7.87



Click on the QRCode or scan it to watch the video and find out more about the MULTI-V dies.

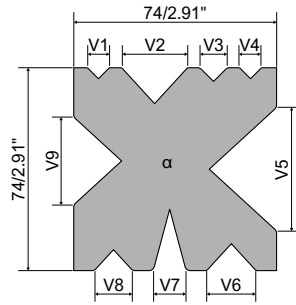
**MC74.2050 / MC74.3050**

2050 mm 80.70" 67 kg  
 3050 mm 120.07" 101 kg F



C45: 560-710 N/mm<sup>2</sup>

			kN/m max.
90° R=0.8   V=8	R=0.031   V=0.31		500
85° R=0.8   V=24	R=0.031   V=0.94		600
90° R=2.0   V=10	R=0.079   V=0.39		600
90° R=0.8   V=8	R=0.031   V=0.31		500
85° R=2.0   V=45	R=0.079   V=1.77		550
85° R=1.0   V=18	R=0.039   V=0.71		500
30° R=2.0   V=12	R=0.079   V=0.47		550
85° R=2.0   V=14	R=0.079   V=0.55		550
85° R=2.0   V=32	R=0.079   V=1.26		550



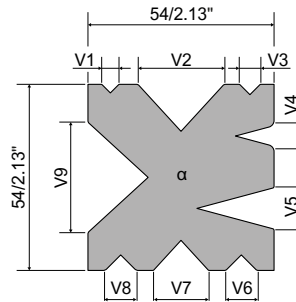
**MC54.2050 / MC54.3050**

2050 mm 80.70" 35.6 kg  
 3050 mm 120.07" 53 kg F



C45: 560-710 N/mm<sup>2</sup>

			kN/m max.
90° R=0.5   V=6	R=0.02   V=0.24		500
85° R=1.0   V=25	R=0.39   V=0.98		600
90° R=0.5   V=6	R=0.02   V=0.24		600
30° R=2.0   V=6	R=0.079   V=0.24		500
30° R=0.5   V=12	R=0.02   V=0.47		550
90° R=1.0   V=9	R=0.039   V=0.35		500
85° R=0.5   V=16	R=0.02   V=0.63		550
90° R=1.5   V=9	R=0.059   V=0.35		550
85° R=1.0   V=32	R=0.039   V=1.26		550

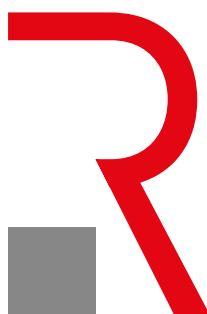


F: 1250 mm - 49.21"

mm: 100-30-30-30-35-40-40-45-45-50-55-500-200  
 in: 3.94-1.18-1.18-1.18-1.37-1.57-1.57-1.77-1.77-1.97-1.97-2.16-19.68-7.87



Click on the QRCode or scan it to watch the video and find out more about the MULTI-V dies.



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