

PUNCHES ROLLERI TYPE R1

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Compatibility

Punches Roller Type R1 are compatible with press brake machines from:

ACL, Accurpress, AM Machinery, Amada, Atlantic, Adira, Baykal, BL, Boschert, Boutillon, Bystronic-Beyeler Euro-B, Coastone, Colgar, Darley, Dener, Deratech, Durmazlar, Ermaksan, Farina, Gade, Gasparini, Gizelis, Haco, Hindustan, Iturrospe, Jfy, JMT, LFK, Metfab, MVD, Newton, Oriance, Prima Power, Promecam, Rico, Safan, Salvagnini, Schiavi, SMD, Sorg, Somo, Vidla, Vimercati, Warcom, Yangli, Yawei, Ysd, etc.

With Adapter-Systems the punches Roller Type R1 are also applicable on all other press brake machines.



R1 ROLLER TYPE R1

Content Explanation Punches

Compatibility

Punches Roller Type R1 are:

- **compatible** with press brake machines from: ACL, Accurpress, AM Machinery, Amada, Atlantic, Adira, Baykal, BL, Boschert, Boutillon, Bystronic-Beyeler Euro-B, Coastone, Colgar, Darley, Dener, Deratech, Durmazlar, Ermaksan, Farina, Gade, Gasparini, Gizelis, Haco, Hindustan, Iturraspe, Jfy, JMT, LFK, Metfab, MVD, Newton, Oriance, Prima Power, Promecam, Rico, Safan, Salvagnini, Schiavi, SMD, Sorg, Somo, Vicla, Vimercati, Warcom, Yangli, Yawei, Ysd, etc.
- also applicable on all other press brake machines **with adapter-systems** (see pages 220-225).

Material

The raw material is obtained from qualified suppliers which compose the chemical formulas according to international standards. Therefore, guaranteeing high resilience and tensile strength.

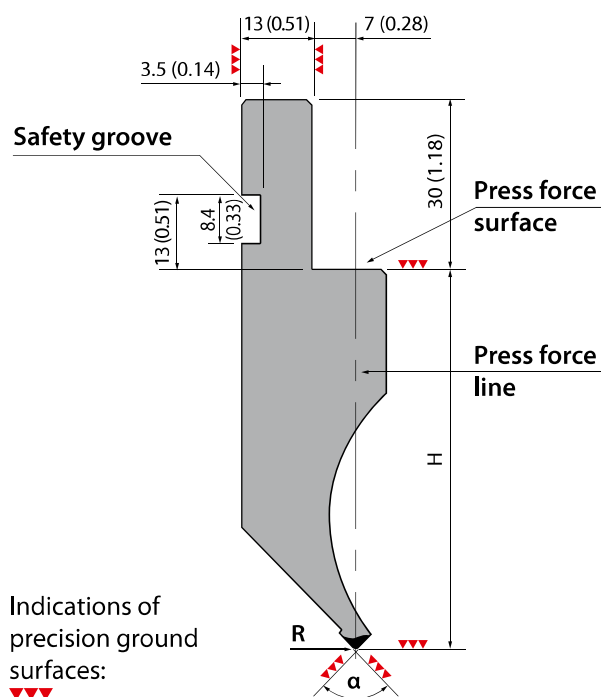
Material Type	Mechanical resistance of the material and the tool body	Hardness of the material and the tool body	Hardness of the operating surfaces after induction hardening
42CrMo4	900-1150 N/mm ²	29.1 - 36.9 HRC	54 - 60 HRC
C45	560-710 N/mm ²	12 - 15.5 HRC	54 - 60 HRC

- Specifications for the maximum press force kN/m are indicated as such, **1 t = 10 kN**.

Tang

All punches Roller Type R1:

- are standardized with a **8.4 x 3.5 mm (0.331 x 0.138 in) safety groove**, that keeps the tool from falling out.
- depending on the clamping system: **horizontal** or **vertical**, tool exchange is possible (see pages 206-213)



Our Advantages – Your Convenience

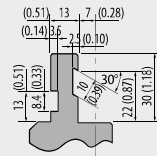
- own production facilities (no reseller or dealer)
- tracking of every tool possible, with a unique **serial number** on every article after the quality control check.
- precision grinding (tolerance of +/-0.01 mm)
- guaranteed tool reproduction
- exact parallelism
- precise, consistent working height
- tang retrofitting and modifications possible (see pages 260-261)
- very large stock availability

Modifications from Safety Grooves

A1

Groove in addition to 8.4 x 3.5 mm (0.33 x 0.14 in) groove for:

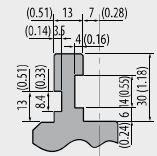
- Pneumatic clamping



A6

Groove in addition to 8.4 x 3.5 mm (0.33 x 0.14 in) groove for:

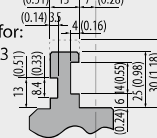
- Roller Type R3
- Bystronic-Beyeler Euro
- Safan



A7

Groove in addition to 8.4 x 3.5 mm (0.33 x 0.14 in) groove and shortened tang for:

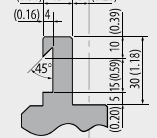
- Roller Type R3
- Bystronic-Beyeler Euro
- Safan



A8

Groove for:

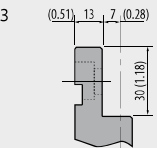
- hydraulic clamping Gasparini



A9

Modified groove for:

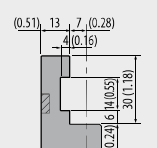
- Roller Type R3



A41

Modified groove for:

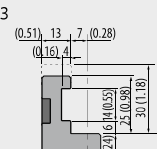
- Roller Type R3



A42

Modified groove for:

- Roller Type R3



More modifications possible upon your request!
Give us a call or send us an inquiry!

Tool lengths and sectioning

Standard

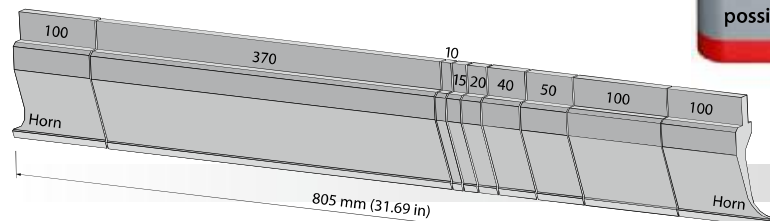
Segmented tools are delivered in complete sets. Single pieces are also available!

More lengths and sectionings are possible upon request.

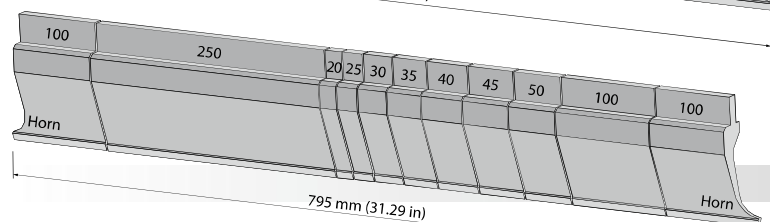
835 mm (32.87 in)

415 mm (16.34 in)

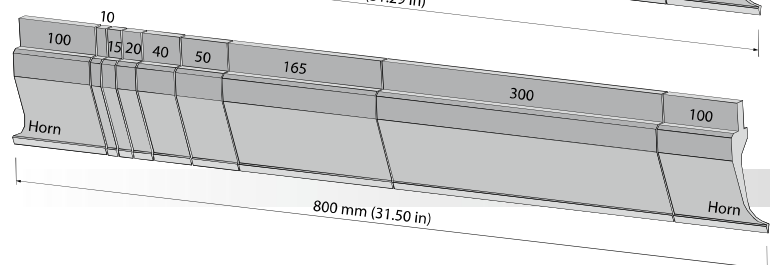
900 mm (35.43 in)



805 mm (31.69 in) segmented (9 segments)



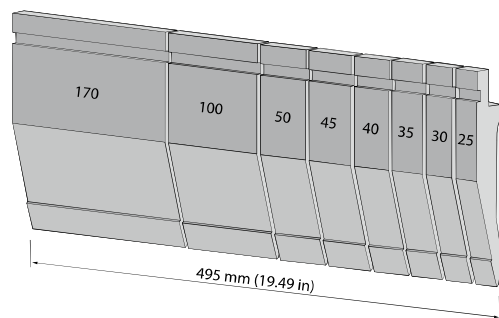
795 mm (31.29 in) segmented (11 segments)



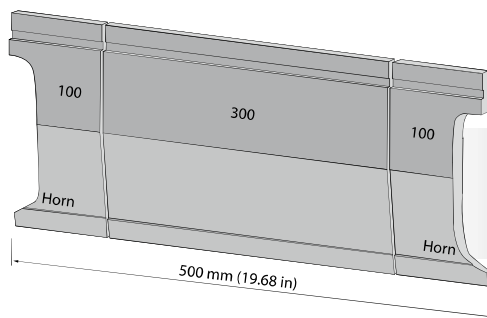
800 mm (31.50 in) segmented (9 segments)

Rolleri TOP-System

525 mm (20.67 in)

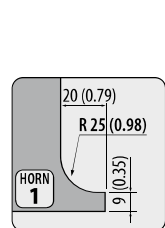


495 mm
(19.49 in)
segmented
(8 segments)

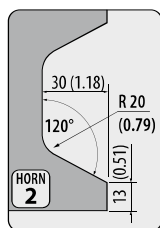


500 mm
(19.68 in)
segmented
(3 segments)

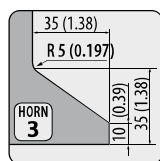
Horn Types



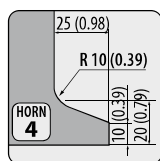
Horn 1
Standard
for all segm.
Punches
Rolleri Type R1



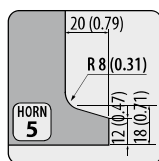
Horn 2
TOP
for all segm.
TOP Punches
Rolleri Type R1



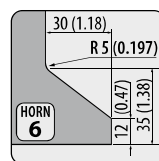
Horn 3
for punches:
00402
00430
11700
04702



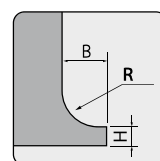
Horn 4
for punches:
20000
20200
10900
10906



Horn 5
for punches:
10300



Horn 6
for punches:
00300



Horn individual
produced
according
to your
specifications



Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



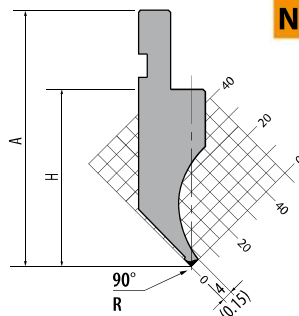
Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

90° Punches

PK.97.90.R06 / P.97.90.R025

350 kN/m max.



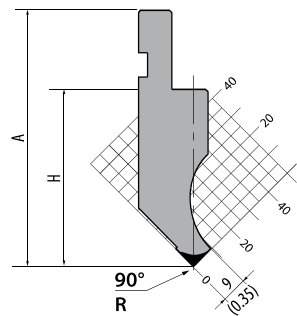
NEW

PK.97.90.R06		
H=66.80 / A=96.80 / R=0.6 (H=2.63 / A=3.81 / R=0.024)		
835 mm	32.87 in	10.5 kg
415 mm	16.34 in	5.2 kg
795 mm segmented	31.29 in segmented	10.0 kg
805 mm segmented	31.69 in segmented	10.1 kg
P.97.90.R025		
H=66.80 / A=96.80 / R=0.25 (H=2.63 / A=3.81 / R=0.010)		
835 mm	32.87 in	10.5 kg
415 mm	16.34 in	5.2 kg
795 mm segmented	31.29 in segmented	10.0 kg
805 mm segmented	31.69 in segmented	10.1 kg

42Cr: 900-1150 N/mm² **HORN 1**

PK.97.90.R08 / R025

1000 kN/m max.

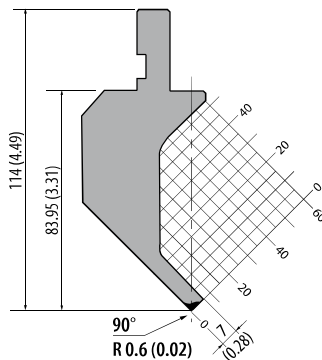


PK.97.90.R08		
H=66.35 / A=96.35 / R=0.8 (H=2.61 / A=3.79 / R=0.031)		
835 mm	32.87 in	11.0 kg
415 mm	16.34 in	5.5 kg
795 mm segmented	31.29 in segmented	10.5 kg
805 mm segmented	31.69 in segmented	10.5 kg
PK.97.90.R025		
H=66.60 / A=96.60 / R=0.25 (H=2.62 / A=3.80 / R=0.010)		
835 mm	32.87 in	11.0 kg
415 mm	16.34 in	5.5 kg
795 mm segmented	31.29 in segmented	10.5 kg
805 mm segmented	31.69 in segmented	10.5 kg

C45: 560-710 N/mm² **HORN 1**

PK.114.90.R06

200 kN/m max.



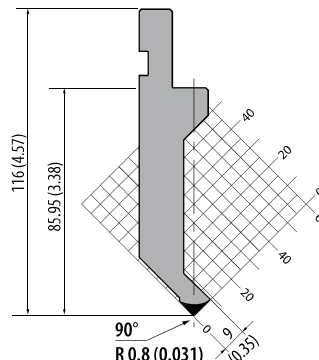
835 mm	32.87 in	14.0 kg
415 mm	16.34 in	7.0 kg
795 mm segmented	31.29 in segmented	13.3 kg
805 mm segmented	31.69 in segmented	13.5 kg

42Cr: 900-1150 N/mm²

HORN 1

PK.116.90.R08

400 kN/m max.



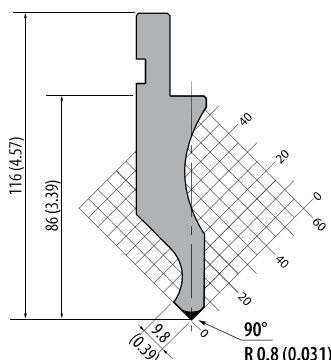
835 mm	32.87 in	13.0 kg
415 mm	16.34 in	6.5 kg
795 mm segmented	31.29 in segmented	12.4 kg
805 mm segmented	31.69 in segmented	12.5 kg

C45: 560-710 N/mm²

HORN 1

DK.116.90.R08

500 kN/m max.



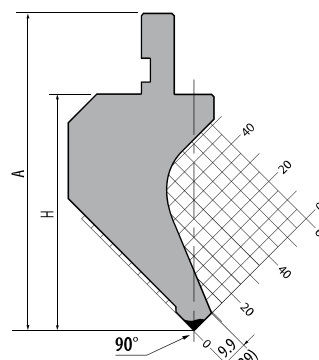
835 mm	32.87 in	13.0 kg
415 mm	16.34 in	6.5 kg
795 mm segmented	31.29 in segmented	12.4 kg
805 mm segmented	31.69 in segmented	12.4 kg

C45: 560-710 N/mm²

HORN 1

PK.120.90.R08 / R025

600 kN/m max.



PK.120.90.R08		
H=89.35 / A=119.35 / R=0.8 (H=3.52 / A=4.70 / R=0.031)		
835 mm	32.87 in	21.0 kg
415 mm	16.34 in	10.5 kg
795 mm segmented	31.29 in segmented	20.0 kg
805 mm segmented	31.69 in segmented	20.2 kg
PK.120.90.R025		
H=89.60 / A=119.60 / R=0.25 (H=3.53 / A=4.71 / R=0.010)		
835 mm	32.87 in	21.0 kg
415 mm	16.34 in	10.5 kg
795 mm segmented	31.29 in segmented	20.0 kg
805 mm segmented	31.69 in segmented	20.2 kg

C45: 560-710 N/mm² **HORN 1**



Rolleri Videos

find updated and helpful videos at:
[www.rolleritools.com/
videos/overview](http://www.rolleritools.com/videos/overview)

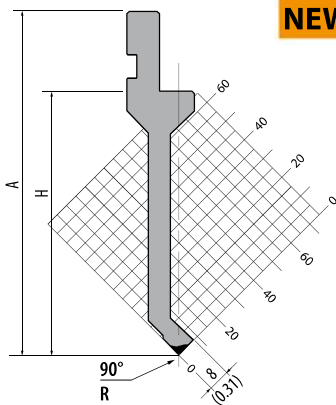


Articles on stock – Please
note that delivery
time varies
according to
your location.



P.130.90.R06 / R025

350 kN/m max.



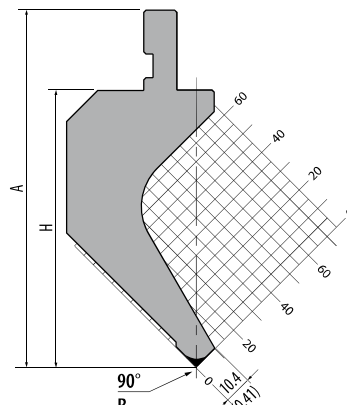
NEW

P.130.90.R06		
H=100.00 / A=130.00 / R=0.6 (H=3.94 / A=5.12 / R=0.024)		
835 mm	32.87 in	11.5 kg
415 mm	16.34 in	5.7 kg
795 mm segmented	31.29 in segmented	10.9 kg
805 mm segmented	31.69 in segmented	11.0 kg
P.130.90.R025		
H=100.00 / A=130.00 / R=0.25 (H=3.94 / A=5.12 / R=0.010)		
835 mm	32.87 in	11.5 kg
415 mm	16.34 in	5.7 kg
795 mm segmented	31.29 in segmented	10.9 kg
805 mm segmented	31.69 in segmented	11.0 kg

42Cr: 900-1150 N/mm² **HORN 1** 

PK.135.90.R08 / R025

500 kN/m max.



PK.135.90.R08		
H=104.35 / A=134.35 / R=0.8 (H=4.11 / A=5.29 / R=0.031)		
835 mm	32.87 in	23.0 kg
415 mm	16.34 in	11.5 kg
795 mm segmented	31.29 in segmented	21.9 kg
805 mm segmented	31.69 in segmented	22.2 kg
PK.135.90.R025		
H=104.60 / A=134.60 / R=0.25 (H=4.12 / A=5.30 / R=0.010)		
835 mm	32.87 in	23.0 kg
415 mm	16.34 in	11.5 kg
795 mm segmented	31.29 in segmented	21.9 kg
805 mm segmented	31.69 in segmented	22.2 kg

C45: 560-710 N/mm² **HORN 1** 

90° Segmented Punches with Mobile Horns

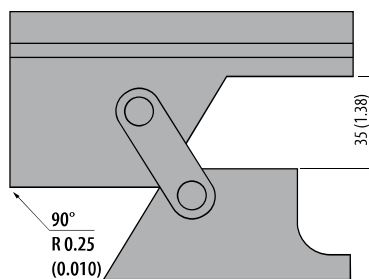
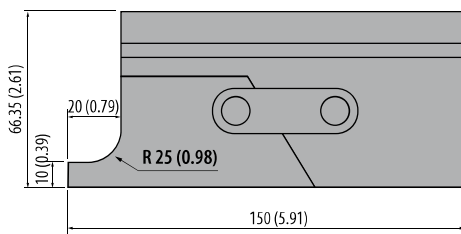


Area of Application

- for easy bending of special box profiles

SCA.M.90.R08

150 kN/m max.



NEW

per pair 3.5 kg

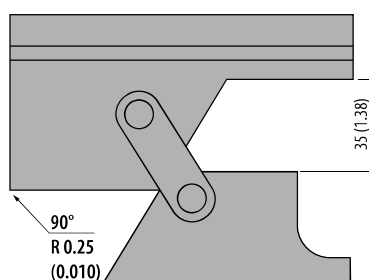
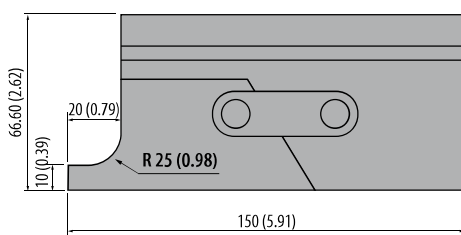
1 Pair left/right compatible with PK.97.90.R08

C45: 560-710 N/mm²



SCA.M.90.R025

150 kN/m max.



NEW

per pair 3.5 kg

1 Pair left/right compatible with PK.97.90.R025

C45: 560-710 N/mm²

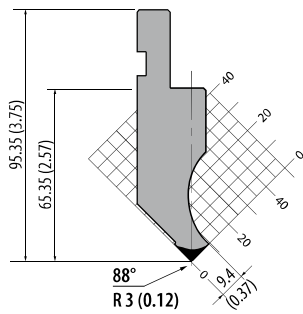


R1 ROLLER TYPE R1

88° Punches

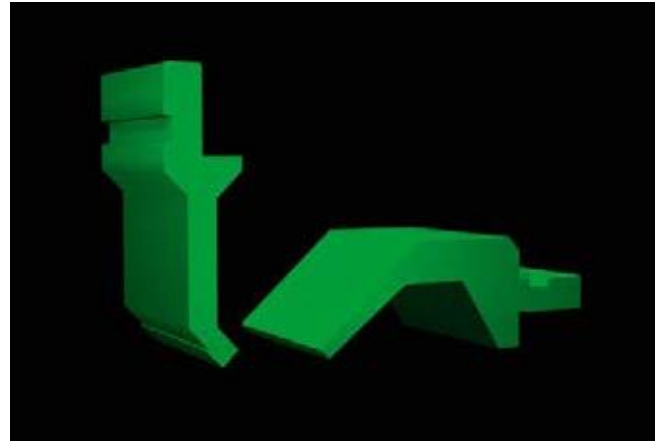
P.95.88.R3

1000 kN/m max.



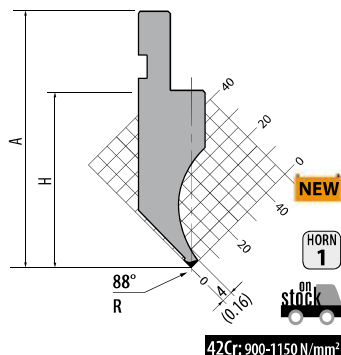
835 mm	32.87 in	11.0 kg
415 mm	16.34 in	5.5 kg
795 mm segmented	31.29 in segmented	10.5 kg
805 mm segmented	31.69 in segmented	10.6 kg

C45: 560-710 N/mm²



P.97.88.R06 / R025

350 kN/m max.

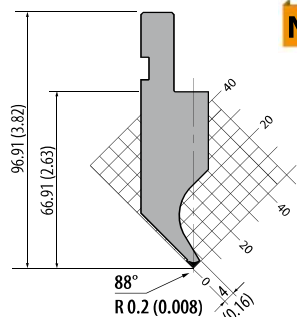


42Cr: 900-1150 N/mm²

P.97.88.R06		
H=67.00 / A=97.00 / R=0.6 (H=2.64 / A=3.82 / R=0.024)		
835 mm	32.87 in	9.5 kg
415 mm	16.34 in	5.0 kg
795 mm segmented	31.29 in segmented	9.0 kg
805 mm segmented	31.69 in segmented	9.2 kg
900 mm	35.43 in	11.0 kg
P.97.88.R025		
H=66.95 / A=96.95 / R=0.25 (H=2.64 / A=3.82 / R=0.010)		
835 mm	32.87 in	9.5 kg
415 mm	16.34 in	5.0 kg
795 mm segmented	31.29 in segmented	9.0 kg
805 mm segmented	31.69 in segmented	9.2 kg
900 mm	35.43 in	11.0 kg

11700

200 kN/m max.



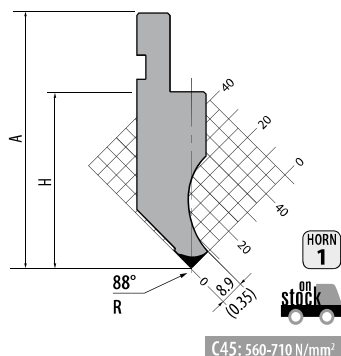
835 mm	32.87 in	10.7 kg
415 mm	16.34 in	5.3 kg
795 mm segmented	31.29 in segmented	10.2 kg
800 mm segmented	31.50 in segmented	10.3 kg

42Cr: 900-1150 N/mm²



P.97.88.R08 / PK.97.88.R025

1000 kN/m max.

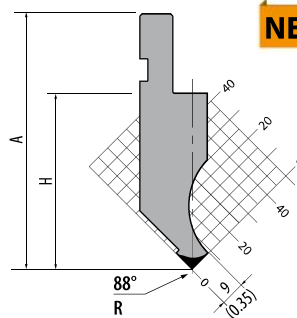


C45: 560-710 N/mm²

P.97.88.R08		
H=66.65 / A=96.65 / R=0.8 (H=2.62 / A=3.81 / R=0.031)		
835 mm	32.87 in	11.1 kg
415 mm	16.34 in	5.5 kg
795 mm segmented	31.29 in segmented	10.6 kg
805 mm segmented	31.69 in segmented	10.7 kg
900 mm	35.43 in	11.9 kg
PK.97.88.R025		
H=66.60 / A=96.60 / R=0.25 (H=2.62 / A=3.80 / R=0.010)		
835 mm	32.87 in	11.0 kg
415 mm	16.34 in	5.5 kg
795 mm segmented	31.29 in segmented	10.5 kg
805 mm segmented	31.69 in segmented	10.6 kg
900 mm	35.43 in	11.8 kg

00402 / 00430

1000 kN/m max.



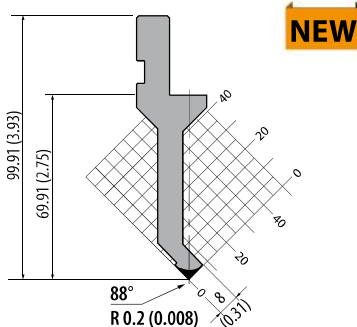
00402		
H=66.90 / A=96.90 / R=0.2 (H=2.63 / A=3.81 / R=0.008)		
835 mm	32.87 in	11.0 kg
415 mm	16.34 in	5.5 kg
795 mm segmented	31.29 in segmented	10.5 kg
800 mm segmented	31.50 in segmented	10.5 kg
00430		
H=65.68 / A=95.68 / R=3 (H=2.59 / A=3.77 / R=0.118)		
835 mm	32.87 in	11.0 kg
415 mm	16.34 in	5.5 kg
795 mm segmented	31.29 in segmented	10.5 kg
800 mm segmented	31.50 in segmented	10.5 kg

C45: 560-710 N/mm²



20000

300 kN/m max.

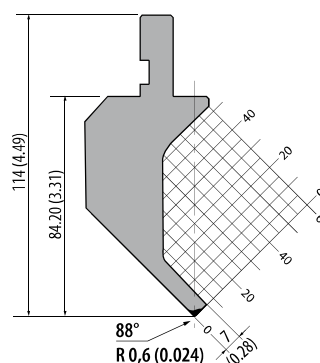


42Cr: 900-1150 N/mm²



P.114.88.R06

200 kN/m max.



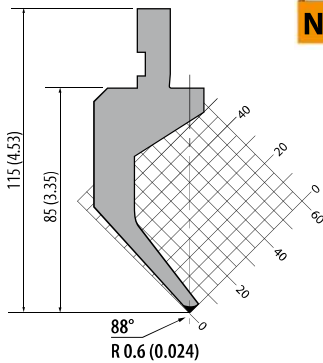
835 mm	32.87 in	15.6 kg
415 mm	16.34 in	7.7 kg
795 mm segmented	31.29 in segmented	14.8 kg
805 mm segmented	31.69 in segmented	15.0 kg

42Cr: 900-1150 N/mm²



P.115.88.R06

130 kN/m max.



NEW

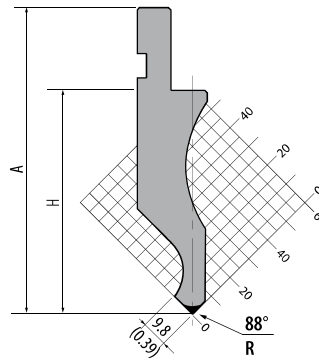
835 mm	32.87 in	6.0 kg
415 mm	16.34 in	3.0 kg
795 mm segmented	31.29 in segmented	5.7 kg
805 mm segmented	31.69 in segmented	5.8 kg

42Cr: 900-1150 N/mm²



D.116.88.R08 / R3

500 kN/m max.



D.116.88.R08		
H=86.00 / A=116.00 / R=0.8 (H=3.39 / A=4.57 / R=0.031)		
835 mm	32.87 in	11.9 kg
415 mm	16.34 in	5.8 kg
795 mm segmented	31.29 in segmented	11.3 kg
805 mm segmented	31.69 in segmented	11.5 kg

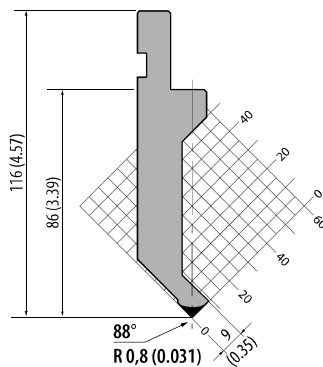
D.116.88.R3		
H=85.00 / A=115.00 / R=3.0 (H=3.35 / A=4.53 / R=0.118)		
835 mm	32.87 in	11.9 kg
415 mm	16.34 in	5.9 kg
795 mm segmented	31.29 in segmented	11.3 kg
805 mm segmented	31.69 in segmented	11.5 kg

C45: 560-710 N/mm²



P.116.88.R08

400 kN/m max.



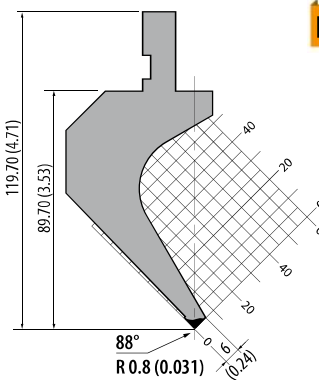
835 mm	32.87 in	12.0 kg
415 mm	16.34 in	6.0 kg
795 mm segmented	31.29 in segmented	11.4 kg
805 mm segmented	31.69 in segmented	11.5 kg

C45: 560-710 N/mm²



PS.120.88.R08

450 kN/m max.



NEW

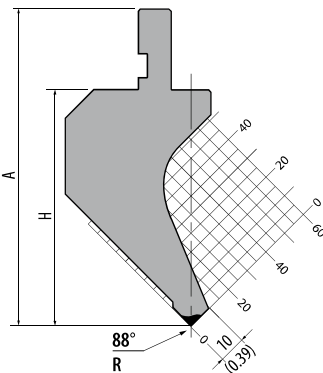
835 mm	32.87 in	17.0 kg
415 mm	16.34 in	8.4 kg
795 mm segmented	31.29 in segmented	16.2 kg
805 mm segmented	31.69 in segmented	16.4 kg

C45: 560-710 N/mm²



P.120.88.R08 / P.120.88. R3 / PK.120.88.R025

600 kN/m max.



P.120.88.R08		
H=89.65 / A=120.00 / R=0.8 (H=3.53 / A=4.72 / R=0.031)		
835 mm	32.87 in	21.0 kg
415 mm	16.34 in	10.5 kg
795 mm segmented	31.29 in segmented	20.0 kg
805 mm segmented	31.69 in segmented	20.2 kg

P.120.88.R3		
H=88.50 / A=118.50 / R=3.0 (H=3.48 / A=4.67 / R=0.118)		
835 mm	32.87 in	21.0 kg
415 mm	16.34 in	10.5 kg
795 mm segmented	31.29 in segmented	20.0 kg
805 mm segmented	31.69 in segmented	20.2 kg

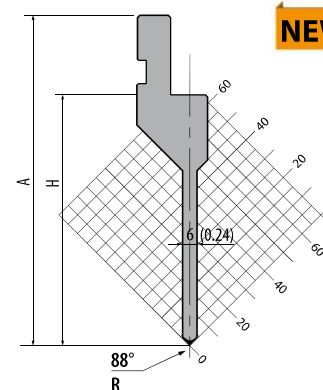
PK.120.88.R025		
H=89.60 / A=120.00 / R=0.25 (H=3.53 / A=4.72 / R=0.010)		
835 mm	32.87 in	21.0 kg
415 mm	16.34 in	10.5 kg
795 mm segmented	31.29 in segmented	20.0 kg
805 mm segmented	31.69 in segmented	20.2 kg

C45: 560-710 N/mm²



10900 / 10906

500 kN/m max.



NEW

10900		
H=94.91 / A=124.91 / R=0.2 (H=3.74 / A=4.92 / R=0.008)		
835 mm	32.87 in	9.0 kg
415 mm	16.34 in	4.5 kg
795 mm segmented	31.29 in segmented	8.5 kg
800 mm segmented	31.50 in segmented	8.6 kg

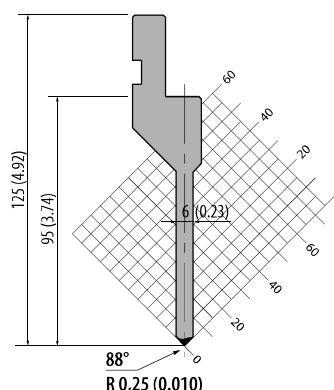
10906		
H=94.74 / A=124.74 / R=0.6 (H=3.73 / A=4.91 / R=0.024)		
835 mm	32.87 in	9.0 kg
415 mm	16.34 in	4.5 kg
795 mm segmented	31.29 in segmented	8.5 kg
800 mm segmented	31.50 in segmented	8.6 kg

42Cr: 900-1150 N/mm²



P.125.88.R025

500 kN/m max.



835 mm	32.87 in	9.0 kg
415 mm	16.34 in	4.5 kg
795 mm segmented	31.29 in segmented	8.5 kg
805 mm segmented	31.69 in segmented	8.6 kg

42Cr: 900-1150 N/mm²

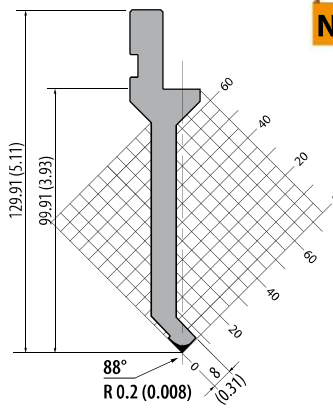


R1 ROLLER TYPE R1

88° Punches

20200

300 kN/m max.



NEW

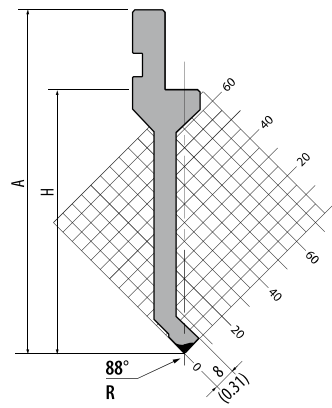
835 mm	32.87 in	10.0 kg
415 mm	16.34 in	5.0 kg
795 mm segmented	31.29 in segmented	9.5 kg
800 mm segmented	31.50 in segmented	9.6 kg

42Cr: 900-1150 N/mm²



P.130.88.R06 / PK.130.88.R025

350 kN/m max.



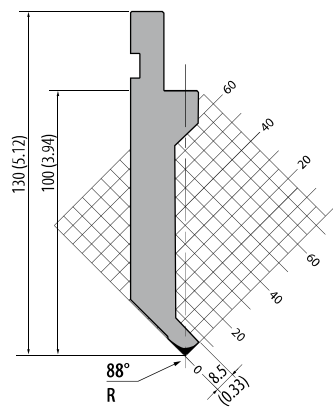
P.130.88.R06		
H=100.00 / A=130.00 / R=0.6 (H=3.94 / A=5.12 / R=0.024)		
835 mm	32.87 in	9.8 kg
415 mm	16.34 in	4.9 kg
795 mm segmented	31.29 in segmented	9.3 kg
805 mm segmented	31.69 in segmented	9.4 kg
900 mm	35.43 in	10.5 kg

PK.130.88.R025		
H=99.95 / A=129.95 / R=0.25 (H=3.94 / A=5.12 / R=0.010)		
835 mm	32.87 in	9.7 kg
415 mm	16.34 in	4.8 kg
795 mm segmented	31.29 in segmented	9.2 kg
805 mm segmented	31.69 in segmented	9.3 kg
900 mm	35.43 in	10.4 kg

42Cr: 900-1150 N/mm² **HORN 1**

P.130.88.R08 / R025

400 kN/m max.



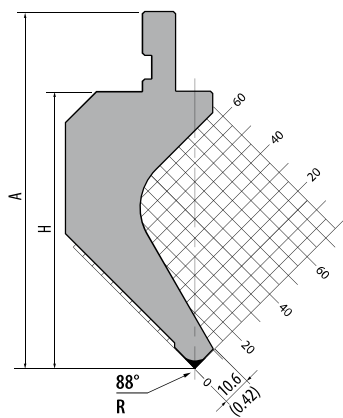
P.130.88.R08		
H=100.00 / A=130.00 / R=0.8 (H=3.94 / A=5.12 / R=0.031)		
835 mm	32.87 in	14.0 kg
415 mm	16.34 in	7.0 kg
795 mm segmented	31.29 in segmented	13.3 kg
805 mm segmented	31.69 in segmented	13.4 kg

P.130.88.R025		
H=100.00 / A=130.00 / R=0.25 (H=3.94 / A=5.12 / R=0.010)		
835 mm	32.87 in	13.7 kg
415 mm	16.34 in	6.8 kg
795 mm segmented	31.29 in segmented	13.0 kg
805 mm segmented	31.69 in segmented	13.2 kg

C45: 560-710 N/mm² **HORN 1**

P.135.88.R08 / R3 / PK.135.88.R025

500 kN/m max.



P.135.88.R08		
H=104.65 / A=134.50 / R=0.8 (H=4.12 / A=5.30 / R=0.031)		
835 mm	32.87 in	22.5 kg
415 mm	16.34 in	11.2 kg
795 mm segmented	31.29 in segmented	21.4 kg
805 mm segmented	31.69 in segmented	21.7 kg

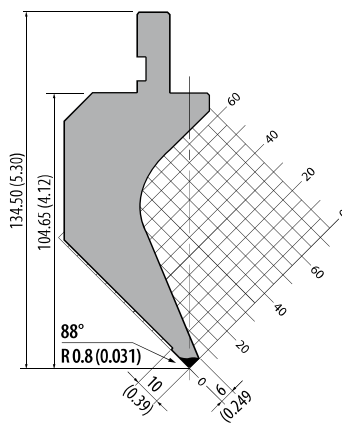
P.135.88.R3		
H=103.40 / A=133.40 / R=3.0 (H=4.07 / A=5.25 / R=0.118)		
835 mm	32.87 in	22.5 kg
415 mm	16.34 in	11.2 kg
795 mm segmented	31.29 in segmented	21.4 kg
805 mm segmented	31.69 in segmented	21.7 kg

PK.135.88.R025		
H=104.60 / A=134.50 / R=0.25 (H=4.12 / A=5.30 / R=0.010)		
835 mm	32.87 in	22.7 kg
415 mm	16.34 in	11.5 kg
795 mm segmented	31.29 in segmented	21.6 kg
805 mm segmented	31.69 in segmented	21.8 kg

C45: 560-710 N/mm² **HORN 1**

PS.135.88.R08

450 kN/m max.



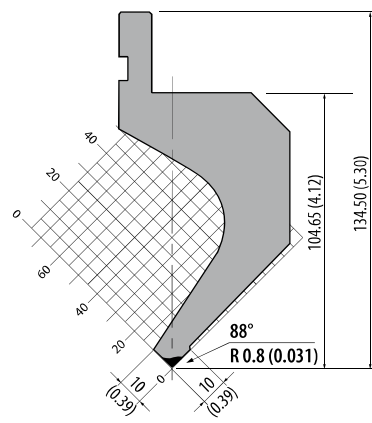
835 mm	32.87 in	22.0 kg
415 mm	16.34 in	12.5 kg
795 mm segmented	31.29 in segmented	20.9 kg
805 mm segmented	31.69 in segmented	21.2 kg

C45: 560-710 N/mm²



PR.135.88.R08

450 kN/m max.



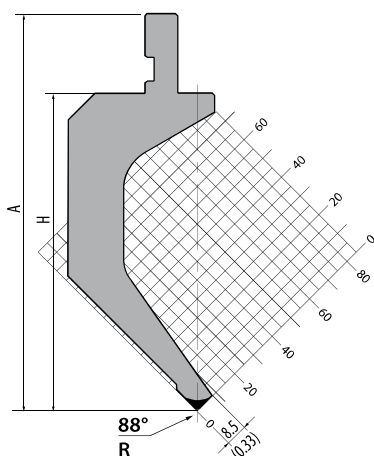
835 mm	32.87 in	25.0 kg
415 mm	16.34 in	11.5 kg
795 mm segmented	31.29 in segmented	23.8 kg
805 mm segmented	31.69 in segmented	24.1 kg

C45: 560-710 N/mm²



P.150.88.R08 / R3

500 kN/m max.



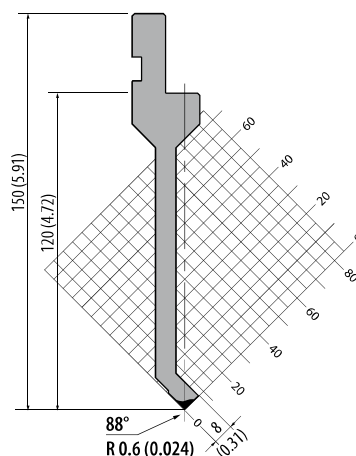
P.150.88.R08		
H=120.00 / A=150.00 / R=0.8 (H=4.72 / A=5.91 / R=0.031)		
835 mm	32.87 in	21.5 kg
415 mm	16.34 in	10.5 kg
795 mm segmented	31.29 in segmented	20.4 kg
805 mm segmented	31.69 in segmented	20.7 kg
900 mm	35.43 in	23.1 kg

P.150.88.R3		
H=119.00 / A=149.00 / R=3.0 (H=4.69 / A=5.87 / R=0.118)		
835 mm	32.87 in	21.0 kg
415 mm	16.34 in	10.5 kg
795 mm segmented	31.29 in segmented	19.9 kg
805 mm segmented	31.69 in segmented	20.2 kg
900 mm	35.43 in	22.6 kg

42Cr: 900-1150 N/mm² 

P.150.88.R06

350 kN/m max.



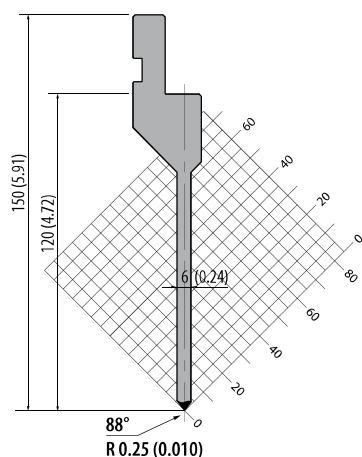
900 mm	35.43 in	12.9 kg
415 mm	16.34 in	5.9 kg
795 mm segmented	31.29 in segmented	12.2 kg
805 mm segmented	31.69 in segmented	12.4 kg

42Cr: 900-1150 N/mm²



P.150.88.R025

500 kN/m max.



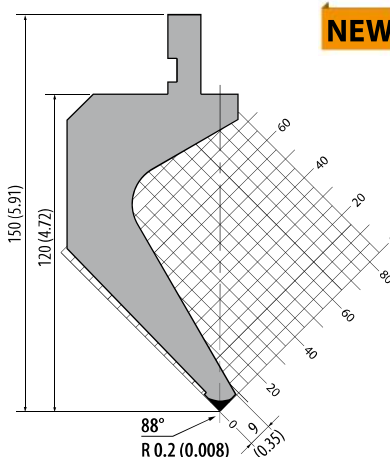
900 mm	32.87 in	10.0 kg
415 mm	16.34 in	4.6 kg
795 mm segmented	31.29 in segmented	9.5 kg
805 mm segmented	31.69 in segmented	9.6 kg

42Cr: 900-1150 N/mm²



04702

500 kN/m max.



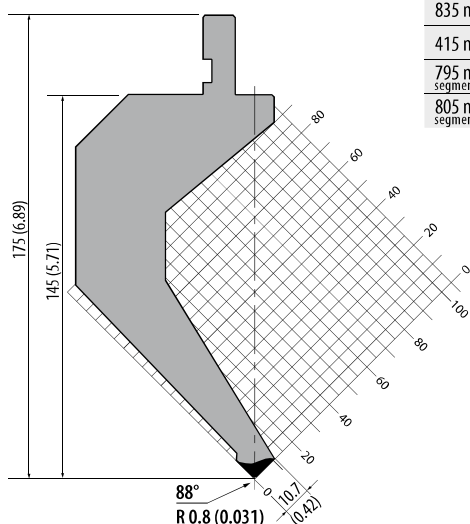
835 mm	32.87 in	26.0 kg
415 mm	16.34 in	12.9 kg
795 mm segmented	31.29 in segmented	24.8 kg
800 mm segmented	31.50 in segmented	24.9 kg

42Cr: 900-1150 N/mm²



P.175.88.R08

500 kN/m max.



835 mm	32.87 in	35.0 kg
415 mm	16.34 in	17.5 kg
795 mm segmented	31.29 in segmented	33.3 kg
805 mm segmented	31.69 in segmented	33.7 kg

C45: 560-710 N/mm²





Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



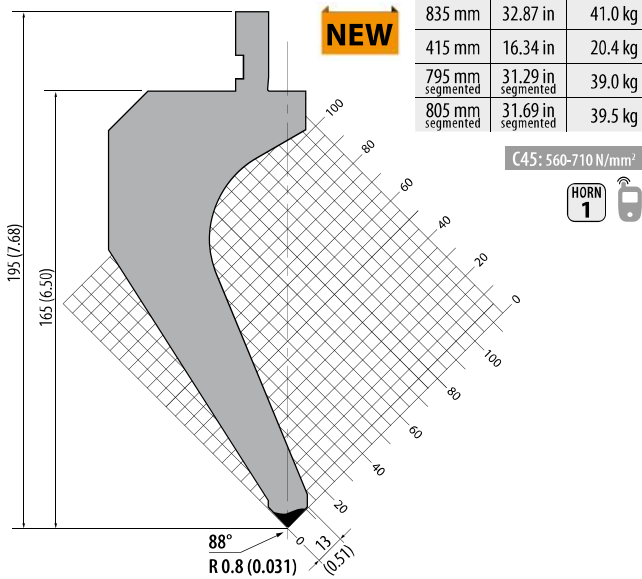
Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

88° Punches

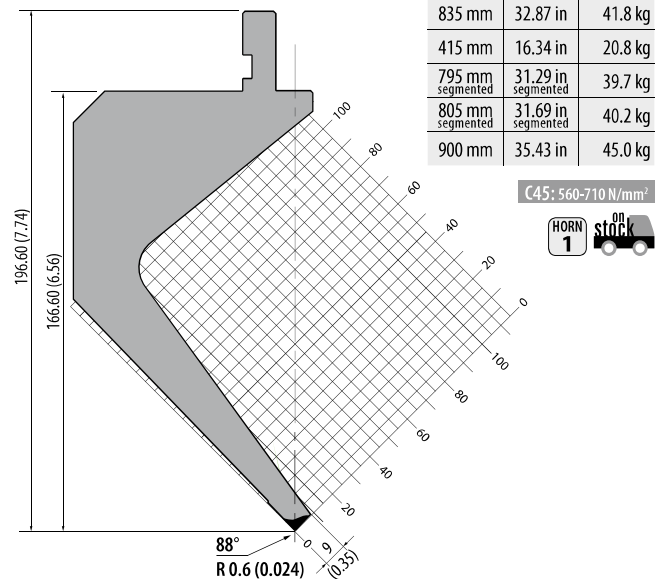
P.195.88.R08

600 kN/m max.

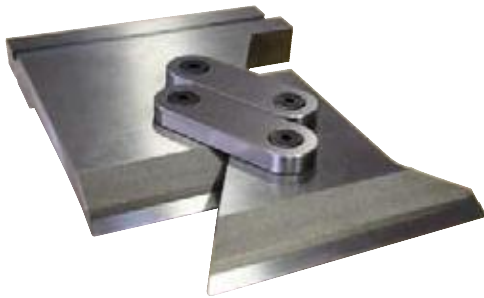


P.196.88.R06

300 kN/m max.



88° Segmented Punches with Mobile Horns

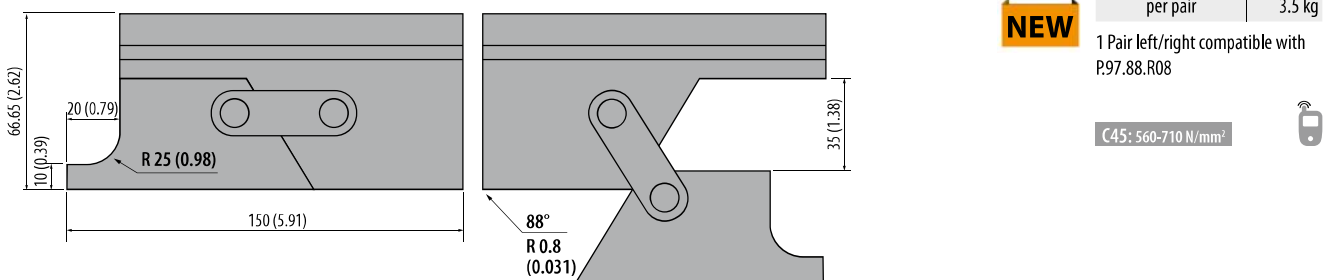


Area of Application

- for easy bending of special box profiles

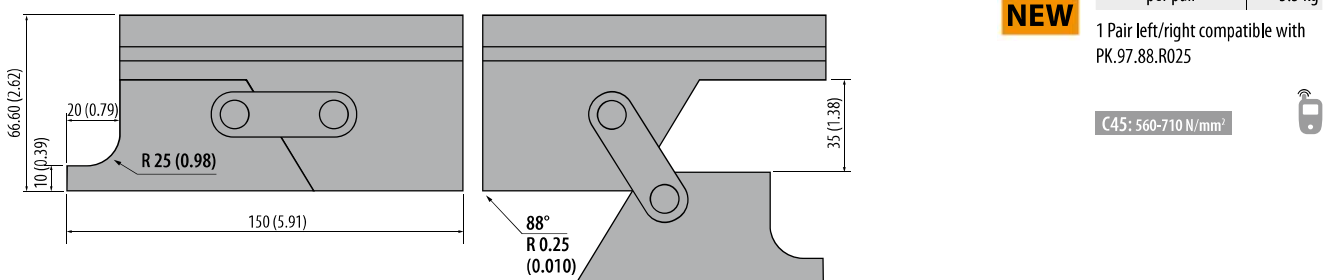
SCA.M.88.R08

150 kN/m max.



SCA.M.88.R025

150 kN/m max.



R1 ROLLER TYPE R1

88° Punches for closed profiles



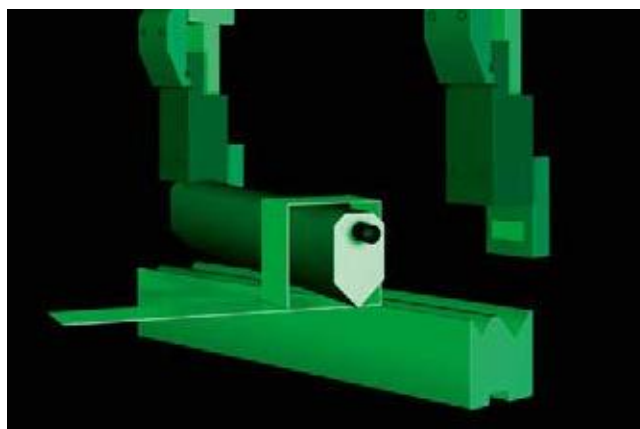
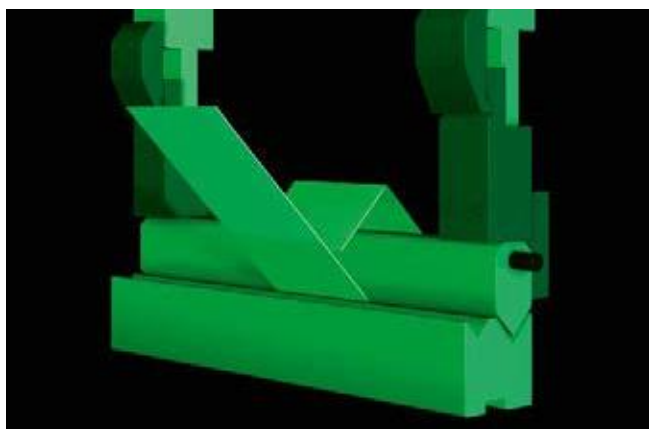
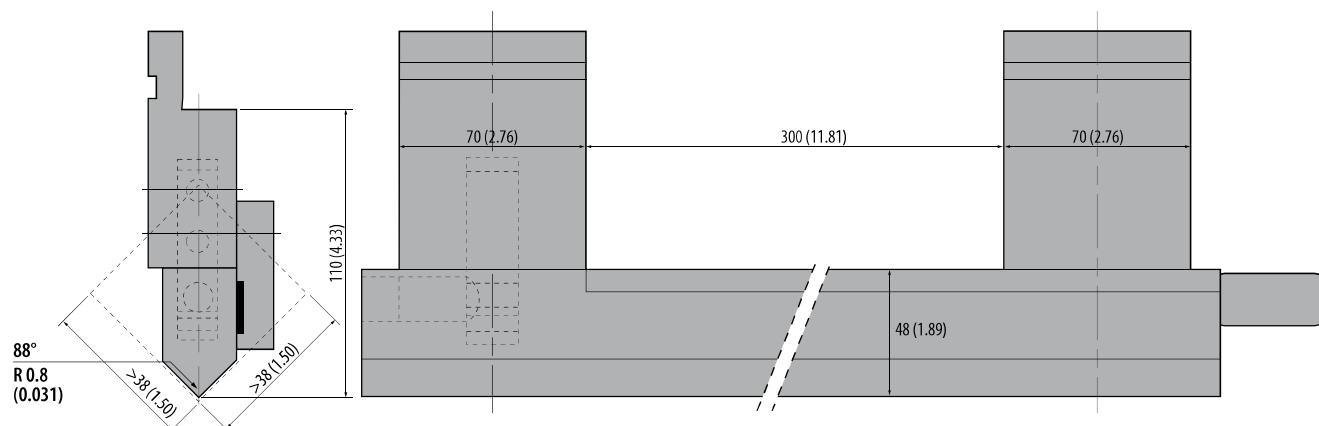
SPE.11

150 kN/m.max.

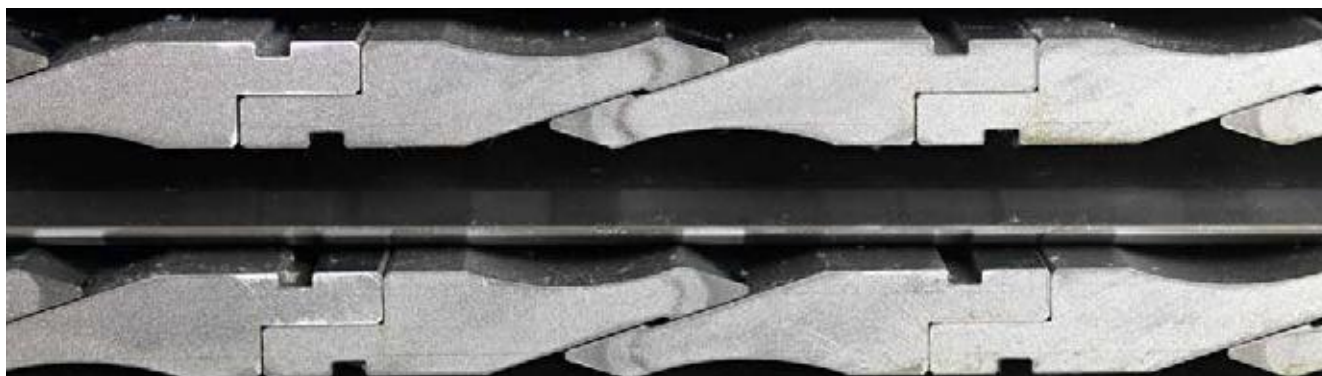
per piece

7.0 kg

42Cr: 900-1150 N/mm²



Articles on stock – Please note that delivery time varies according to your location



Article on stock



Please ask for delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



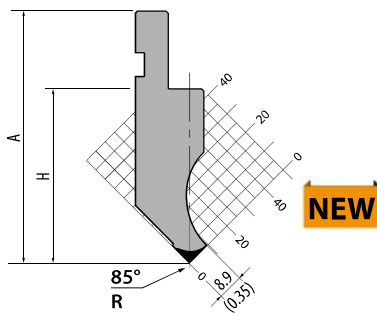
Articles on stock – Please note that delivery time depends on your location.

R1 ROLLER TYPE R1

85° Punches

P.97.85.R08 / PK.95.85.R3

1000 kN/m max.



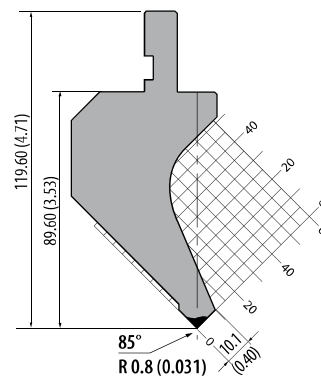
P.97.85.R08		
H=66.60 / A=96.50 / R=0.8 (H=2.62 / A=3.80 / R=0.031)		
835 mm	32.87 in	11.0 kg
415 mm	16.34 in	5.5 kg
795 mm segmented	31.29 in segmented	10.4 kg
805 mm segmented	31.69 in segmented	10.6 kg
PK.95.85.R3		
H=65.45 / A=95.45 / R=3.0 (H=2.58 / A=3.76 / R=0.118)		
835 mm	32.87 in	11.0 kg
415 mm	16.34 in	5.5 kg
795 mm segmented	31.29 in segmented	10.4 kg
805 mm segmented	31.69 in segmented	10.6 kg

C45: 560-710 N/mm²



PK.120.85.R08

600 kN/m max.



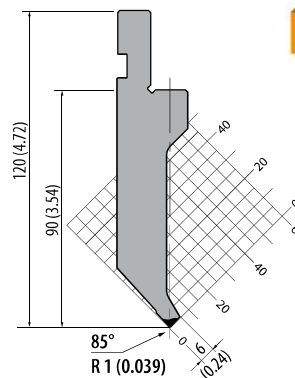
835 mm	32.87 in	21.0 kg
415 mm	16.34 in	10.5 kg
795 mm segmented	31.29 in segmented	19.9 kg
805 mm segmented	31.69 in segmented	20.2 kg

C45: 560-710 N/mm²



P.120.85.R1

800 kN/m max.



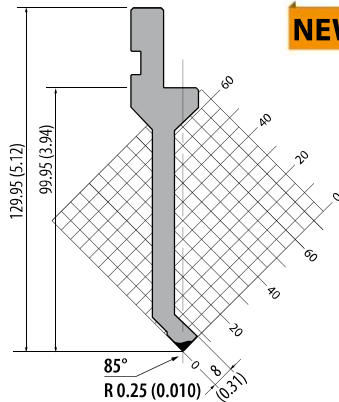
835 mm	32.87 in	13.5 kg
415 mm	16.34 in	6.7 kg
795 mm segmented	31.29 in segmented	12.9 kg
805 mm segmented	31.69 in segmented	13.0 kg

42Cr: 900-1150 N/mm²



P.130.85.R025

350 kN/m max.



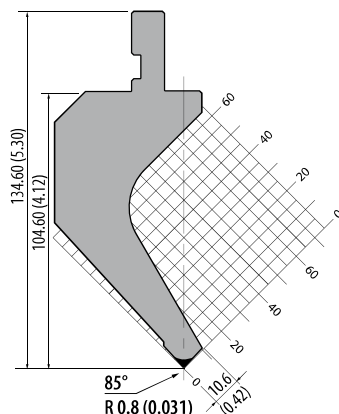
835 mm	32.87 in	11.5 kg
415 mm	16.34 in	5.7 kg
795 mm segmented	31.29 in segmented	10.9 kg
805 mm segmented	31.69 in segmented	11.1 kg

42Cr: 900-1150 N/mm²



PK.135.85.R08

500 kN/m max.



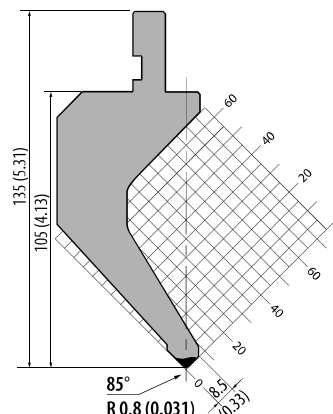
835 mm	32.87 in	22.2 kg
415 mm	16.34 in	11.0 kg
795 mm segmented	31.29 in segmented	21.1 kg
805 mm segmented	31.69 in segmented	21.4 kg

C45: 560-710 N/mm²



P.135.85.R08

800 kN/m max.



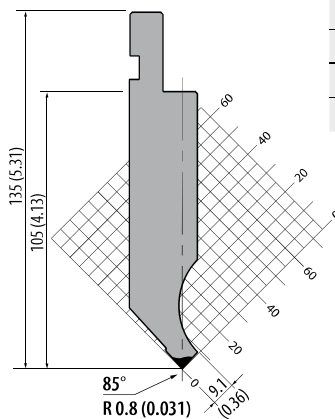
835 mm	32.87 in	20.9 kg
415 mm	16.34 in	10.4 kg
795 mm segmented	31.29 in segmented	19.9 kg
805 mm segmented	31.69 in segmented	20.1 kg

42Cr: 900-1150 N/mm²



PS.135.85.R08

1000 kN/m max.



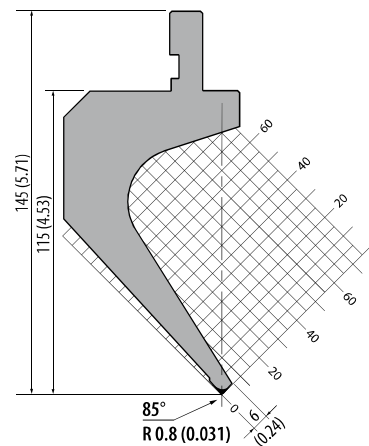
835 mm	32.87 in	17.7 kg
415 mm	16.34 in	8.5 kg
795 mm segmented	31.29 in segmented	16.8 kg
805 mm segmented	31.69 in segmented	17.0 kg

C45: 560-710 N/mm²



P.145.85.R08

600 kN/m max.



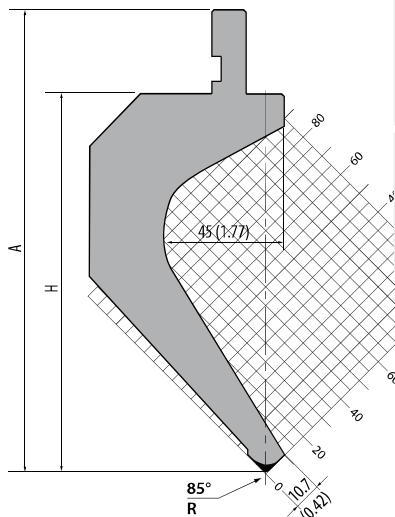
835 mm	32.87 in	22.6 kg
415 mm	16.34 in	11.2 kg
795 mm segmented	31.29 in segmented	21.5 kg
805 mm segmented	31.69 in segmented	21.7 kg

42Cr: 900-1150 N/mm²



TOP.175.85.R08 / R2

900 kN/m max.



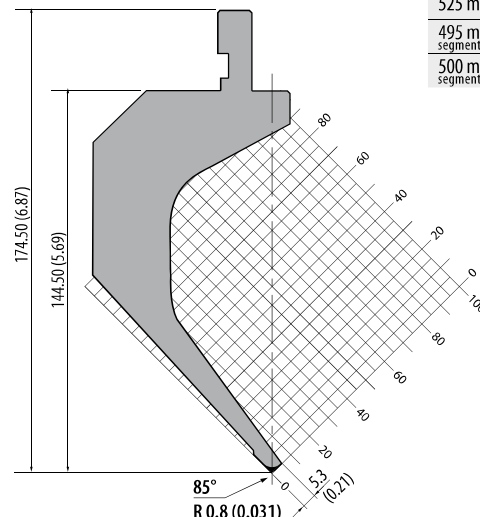
TOP.175.85.R08		
H=145.00 / A=175.00 / R=0.8 (H=5.71 / A=6.89 / R=0.031)		
525 mm	20.67 in	20.9 kg
495 mm segmented	19.49 in segmented	19.7 kg
500 mm segmented	19.68 in segmented	19.9 kg
TOP.175.85.R2		
H=144.30 / A=174.30 / R=2.0 (H=5.68 / A=6.86 / R=0.079)		
525 mm	20.67 in	20.9 kg
495 mm segmented	19.49 in segmented	19.7 kg
500 mm segmented	19.68 in segmented	19.9 kg

42Cr: 900-1150 N/mm²



TOP.175.85.R08.S

200 kN/m max.



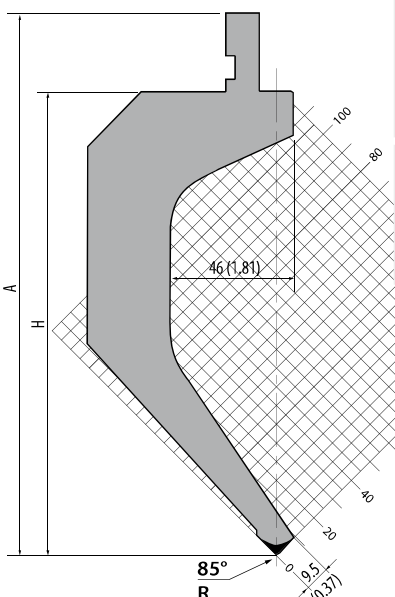
525 mm	20.67 in	18.5 kg
495 mm segmented	19.49 in segmented	17.4 kg
500 mm segmented	19.68 in segmented	17.6 kg

42Cr: 900-1150 N/mm²



TOP.205.85.R08 / R2

700 kN/m max.



TOP.205.85.R08		
H=175.00 / A=205.00 / R=0.8 (H=6.89 / A=8.07 / R=0.031)		
525 mm	20.67 in	24.0 kg
495 mm segmented	19.49 in segmented	22.6 kg
500 mm segmented	19.68 in segmented	22.9 kg
TOP.205.85.R2		
H=174.30 / A=204.30 / R=2.0 (H=6.86 / A=8.04 / R=0.079)		
525 mm	20.67 in	24.0 kg
495 mm segmented	19.49 in segmented	22.6 kg
500 mm segmented	19.68 in segmented	22.9 kg

42Cr: 900-1150 N/mm²



For a rapid vertical tool exchange, punches Rolleri R1 Type can be equipped with the spring-loaded ROL1-System (20% Surcharge).
 Retrofitted or new!
 See pages 212-213


 Article
on stock

 Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
 100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



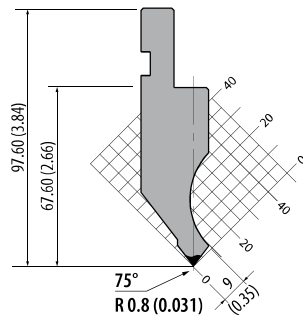
Articles on stock – Please note that
 delivery time depends on your location.

R1 ROLLER TYPE R1

75° Punches

P.97.75.R08

1000 kN/m max.



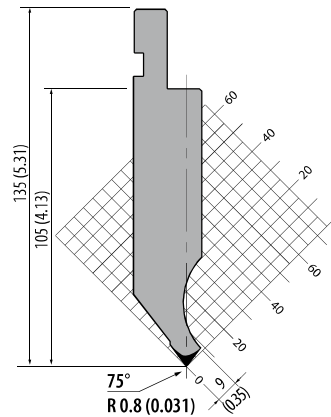
835 mm	32.87 in	11.0 kg
415 mm	16.34 in	5.5 kg
795 mm segmented	31.29 in segmented	10.4 kg
805 mm segmented	31.69 in segmented	10.6 kg

42Cr: 900-1150 N/mm²



P.135.75.R08

1000 kN/m max.



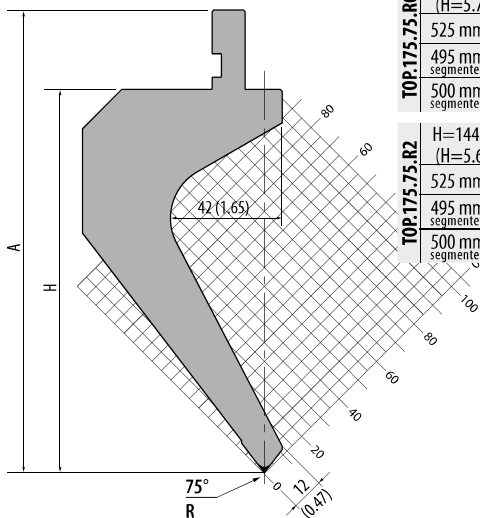
835 mm	32.87 in	17.5 kg
415 mm	16.34 in	8.5 kg
795 mm segmented	31.29 in segmented	16.7 kg
805 mm segmented	31.69 in segmented	16.9 kg

42Cr: 900-1150 N/mm²



TOP.175.75.R08 / R2

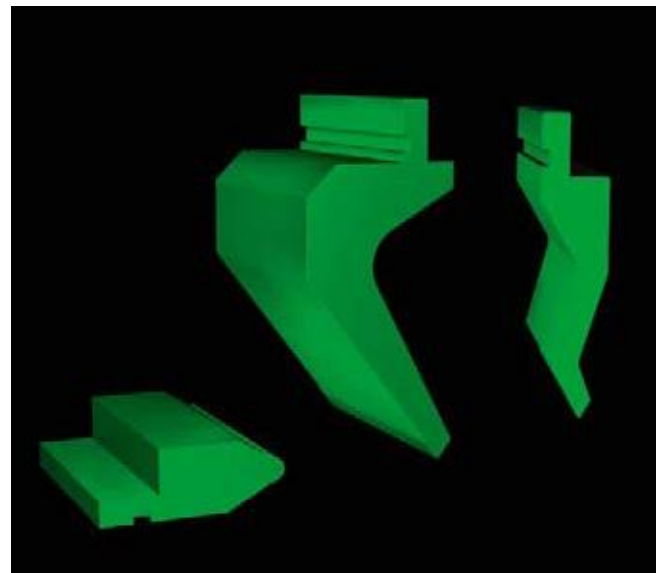
750 kN/m max.



TOP:175.75.R08	H=145.00 / A=175.00 / R=0.8 (H=5.71 / A=6.89 / R=0.031)		
	525 mm	20.67 in	21.5 kg
	495 mm segmented	19.49 in segmented	20.3 kg
	500 mm segmented	19.68 in segmented	20.5 kg

TOP.175.75.R2	H=144.20 / A=174.20 / R=2.0 (H=5.68 / A=6.86 / R=0.079)		
	525 mm	20.67 in	21.5 kg
	495 mm segmented	19.49 in segmented	20.3 kg
	500 mm segmented	19.68 in segmented	20.5 kg

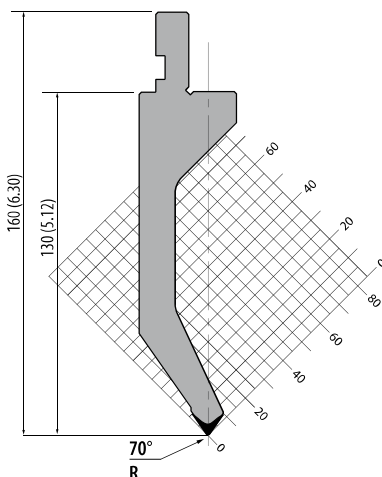
42Cr: 900-1150 N/mm²



70° Punches

P.160.70.R08 / R3

450 kN/m max.



P.160.70.R08	R=0.8 (0.031)		
	835 mm	32.87 in	18.0 kg
	415 mm	16.34 in	8.9 kg
	795 mm segmented	31.29 in segmented	17.1 kg
	805 mm segmented	31.69 in segmented	17.3 kg

P.160.70.R3	R=3.0 (0.118)		
	835 mm	32.87 in	18.0 kg
	415 mm	16.34 in	8.9 kg
	795 mm segmented	31.29 in segmented	17.1 kg
	805 mm segmented	31.69 in segmented	17.3 kg

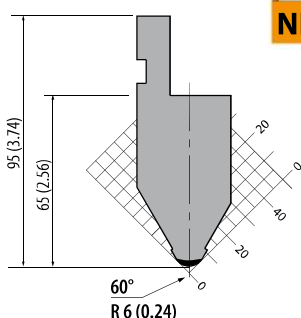
42Cr: 900-1150 N/mm²



Modifications of Standard Tools: rapid and precise, directly from the manufacturer!
See pages 260-265

00300

1000 kN/m max.



NEW

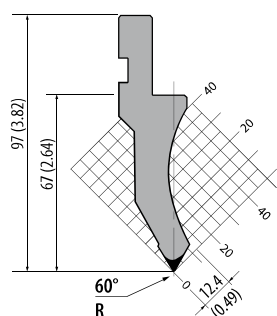
835 mm	32.87 in	15.0 kg
415 mm	16.34 in	7.5 kg
795 mm segmented	31.29 in segmented	14.2 kg
800 mm segmented	31.50 in segmented	14.4 kg

C45: 560-710 N/mm²



P.97.60.R08 / R2

600 kN/m max.



R=0.8 (0.031)		
P.97.60.R08	835 mm	32.87 in
	415 mm	16.34 in
	795 mm segmented	31.29 in segmented
	805 mm segmented	31.69 in segmented

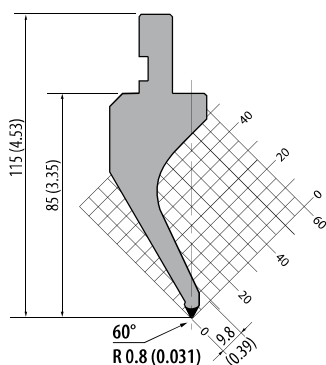
R=2.0 (0.079)		
P.97.60.R2	835 mm	32.87 in
	415 mm	16.34 in
	795 mm segmented	31.29 in segmented
	805 mm segmented	31.69 in segmented

C45: 560-710 N/mm²



P.115.60.R08

400 kN/m max.



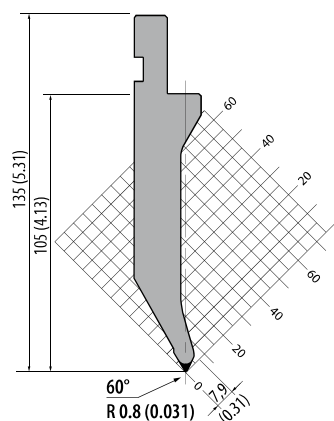
835 mm	32.87 in	11.9 kg
415 mm	16.34 in	6.0 kg
795 mm segmented	31.29 in segmented	11.3 kg
805 mm segmented	31.69 in segmented	11.4 kg

42Cr: 900-1150 N/mm²



P.135.60.R08

800 kN/m max.



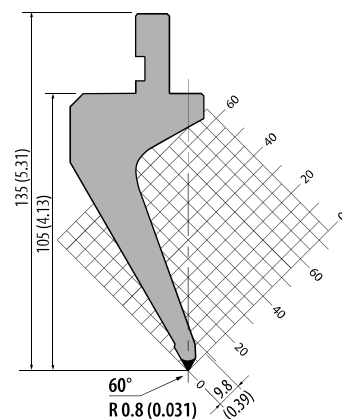
835 mm	32.87 in	14.0 kg
415 mm	16.34 in	7.0 kg
795 mm segmented	31.29 in segmented	13.3 kg
805 mm segmented	31.69 in segmented	13.5 kg

42Cr: 900-1150 N/mm²



PG.135.60.R08

700 kN/m max.



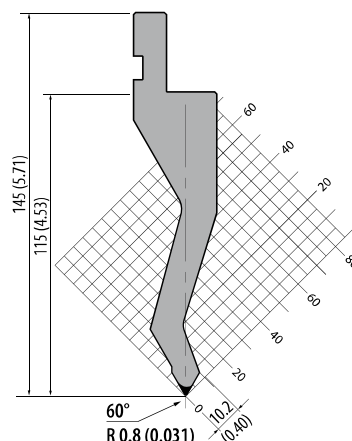
835 mm	32.87 in	16.5 kg
415 mm	16.34 in	8.5 kg
795 mm segmented	31.29 in segmented	15.7 kg
805 mm segmented	31.69 in segmented	15.9 kg

42Cr: 900-1150 N/mm²



P.145.60.R08

700 kN/m max.



835 mm	32.87 in	15.0 kg
415 mm	16.34 in	7.5 kg
795 mm segmented	31.29 in segmented	14.3 kg
805 mm segmented	31.69 in segmented	14.4 kg

42Cr: 900-1150 N/mm²



Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



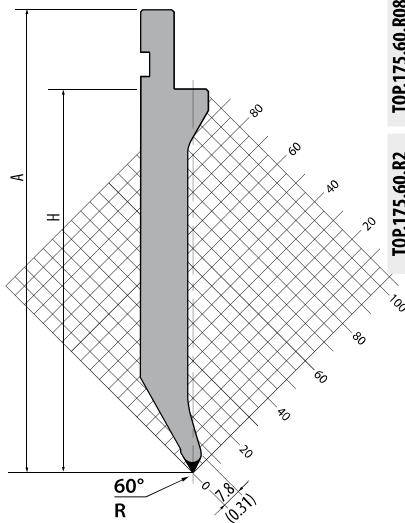
Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

60° Punches

TOP.175.60.R08 / R2

800 kN/m max.



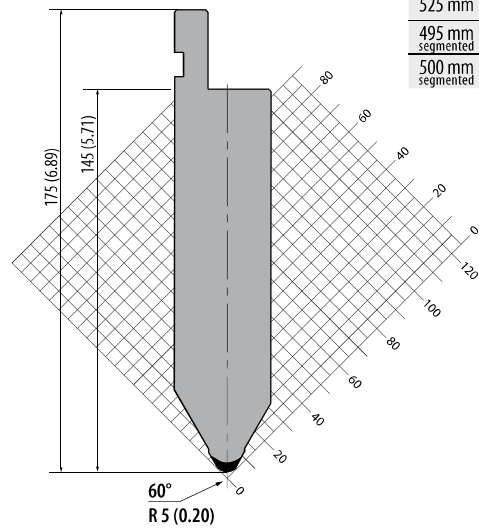
TOP.175.60.R08	H=145.00 / A=175.00 / R=0.8 (H=5.71 / A=6.89 / R=0.031)		
	525 mm	20.67 in	12.0 kg
	495 mm segmented	19.49 in segmented	11.3 kg
	500 mm segmented	19.68 in segmented	11.4 kg
TOP.175.60.R2	H=143.80 / A=173.80 / R=2.0 (H=5.66 / A=6.84 / R=0.079)		
	525 mm	20.67 in	12.0 kg
	495 mm segmented	19.49 in segmented	11.3 kg
	500 mm segmented	19.68 in segmented	11.4 kg

42Cr: 900-1150 N/mm²



TOP.175.60.R5

1600 kN/m max.



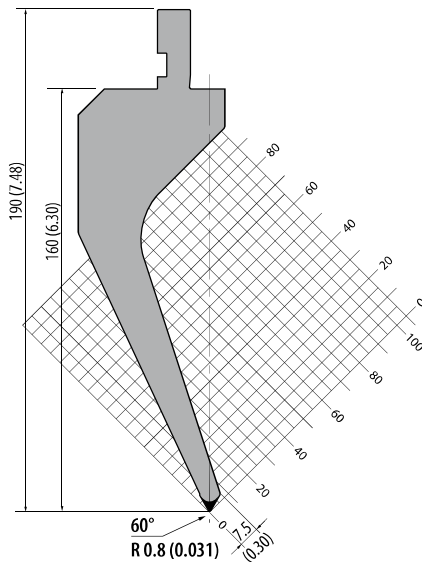
525 mm	20.67 in	22.0 kg
495 mm segmented	19.49 in segmented	20.7 kg
500 mm segmented	19.68 in segmented	20.9 kg

42Cr: 900-1150 N/mm²



P.190.60.R08

400 kN/m max.



835 mm	32.87 in	41.8 kg
415 mm	16.34 in	27.0 kg
795 mm segmented	31.29 in segmented	39.8 kg
805 mm segmented	31.69 in segmented	40.2 kg

C45: 800-850 N/mm²

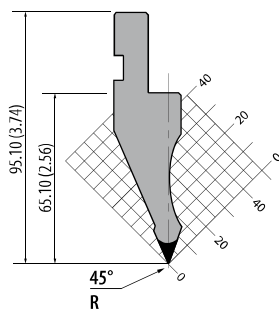


Take advantage of the wide range of Roller R1 Type punches by using our extensive number of adapters. See pages 220-225



P.95.45.R08 / R15

800 kN/m max.



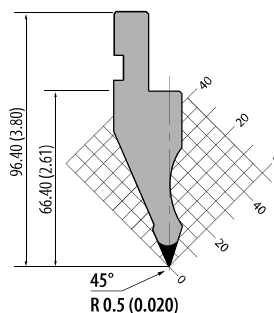
P.95.45.R08	R=0.8 (0.031)		
	835 mm	32.87 in	9.5 kg
	415 mm	16.34 in	4.2 kg
	795 mm segmented	31.29 in segmented	9.0 kg
P.95.45.R15	R=1.5 (0.059)		
	835 mm	32.87 in	9.5 kg
	415 mm	16.34 in	4.2 kg
	795 mm segmented	31.29 in segmented	9.5 kg
	805 mm segmented	31.69 in segmented	9.5 kg

C45: 560-710 N/mm²



P.97.45.R05

800 kN/m max.



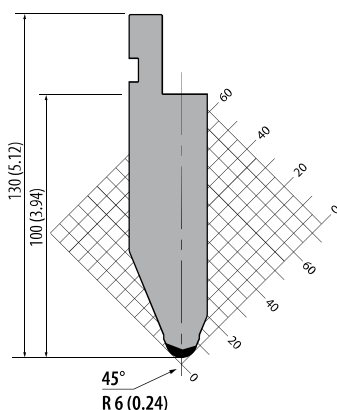
835 mm	32.87 in	10.2 kg
415 mm	16.34 in	5.1 kg
795 mm segmented	31.29 in segmented	9.7 kg
805 mm segmented	31.69 in segmented	9.8 kg
900 mm	35.43 in	10.9 kg

C45: 560-710 N/mm²



P.130.45.R6

1000 kN/m max.



835 mm	32.87 in	19.5 kg
415 mm	16.34 in	9.6 kg
795 mm segmented	31.29 in segmented	18.6 kg
805 mm segmented	31.69 in segmented	18.8 kg

C45: 560-710 N/mm²



Faster vertical
tool exchange
with ROL100

See pages 210-211



Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



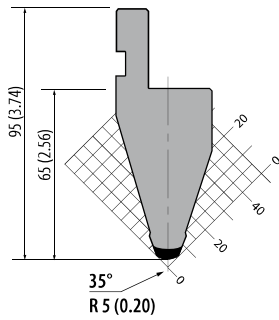
Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

35° Punches

P.95.35.R5

1000 kN/m max.



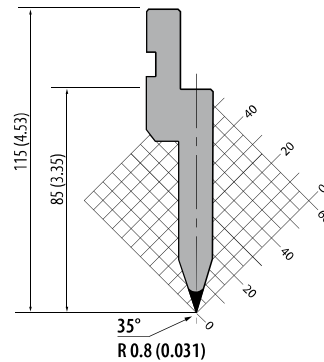
835 mm	32.87 in	13.5 kg
415 mm	16.34 in	7.0 kg
795 mm segmented	31.29 in segmented	12.8 kg
805 mm segmented	31.69 in segmented	13.0 kg

C45: 560-710 N/mm²



PU.85.35.R08

1000 kN/m max.



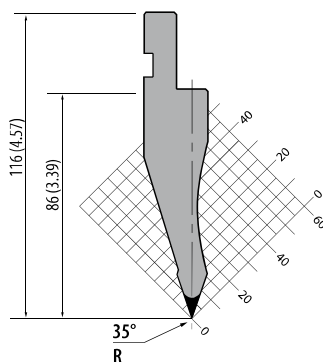
835 mm	32.87 in	11.0 kg
415 mm	16.34 in	5.5 kg
795 mm segmented	31.29 in segmented	10.4 kg
805 mm segmented	31.69 in segmented	10.6 kg

C45: 560-710 N/mm²



P.116.35.R08 / R15

700 kN/m max.



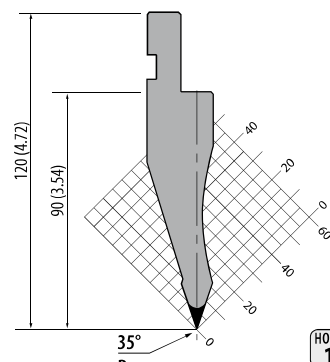
R=0.8 (0.031)		
P.116.35.R08	835 mm	32.87 in
	415 mm	16.34 in
	795 mm segmented	31.29 in segmented
	805 mm segmented	31.69 in segmented
R=1.5 (0.059)		
P.116.35.R15	835 mm	32.87 in
	415 mm	16.34 in
	795 mm segmented	31.29 in segmented
	805 mm segmented	31.69 in segmented

C45: 560-710 N/mm²



P.120.35.R08 / R15 / R3

700 kN/m max.



R=0.8 (0.031)		
P.120.35.R08	835 mm	32.87 in
	415 mm	16.34 in
	795 mm segmented	31.29 in segmented
	805 mm segmented	31.69 in segmented
R=1.5 (0.059)		
P.120.35.R15	835 mm	32.87 in
	415 mm	16.34 in
	795 mm segmented	31.29 in segmented
	805 mm segmented	31.69 in segmented

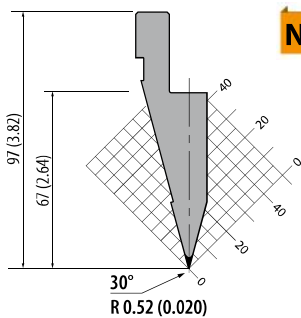
C45: 560-710 N/mm²



30° Punches

10300

1000 kN/m max.



NEW

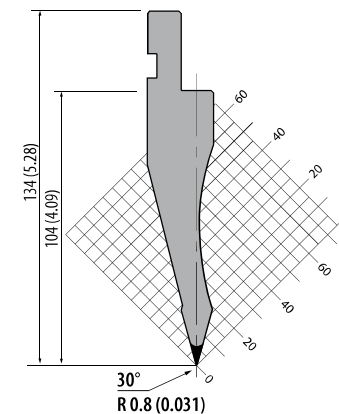
835 mm	32.87 in	11.0 kg
415 mm	16.34 in	5.5 kg
795 mm segmented	31.29 in segmented	10.4 kg
800 mm segmented	31.50 in segmented	10.6 kg

42Cr: 900-1150 N/mm²



PS.134.30.R08

700 kN/m max.



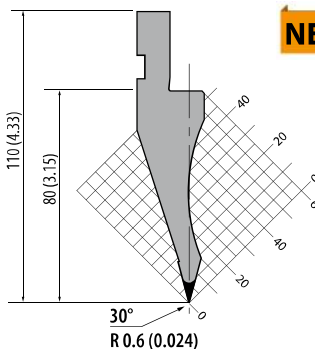
835 mm	32.87 in	13.3 kg
415 mm	16.34 in	6.5 kg
795 mm segmented	31.29 in segmented	12.6 kg
805 mm segmented	31.69 in segmented	12.8 kg

C45: 560-710 N/mm²



P.110.30.R06

500 kN/m max.



NEW

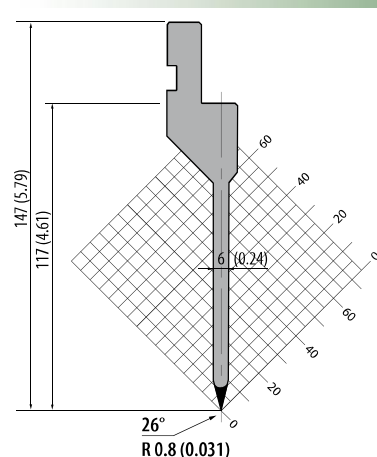
835 mm	32.87 in	10.5 kg
415 mm	16.34 in	5.2 kg
795 mm segmented	31.29 in segmented	10.0 kg
805 mm segmented	31.50 in segmented	10.1 kg

C45: 560-710 N/mm²



P.147.26.R08

500 kN/m max.



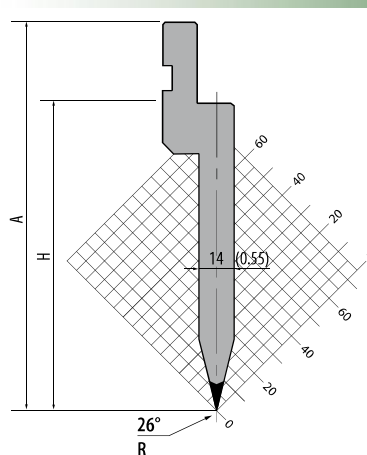
835 mm	32.87 in	9.8 kg
415 mm	16.34 in	4.9 kg
795 mm segmented	31.29 in segmented	9.3 kg
805 mm segmented	31.69 in segmented	9.4 kg

42Cr: 900-1150 N/mm²



PU.117.26.R08 / R3

1000 kN/m max.



PU.117.26.R08		
H=117.00 / A=147.00 / R=0.8 (H=4.61 / A=5.79 / R=0.031)		
835 mm	32.87 in	13.5 kg
415 mm	16.34 in	6.5 kg
795 mm segmented	31.29 in segmented	12.8 kg
805 mm segmented	31.69 in segmented	13.0 kg

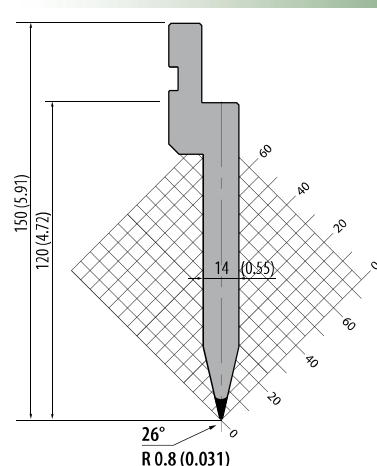
PU.117.26.R3		
H=109.00 / A=139.00 / R=3.0 (H=4.29 / A=5.47 / R=0.118)		
835 mm	32.87 in	13.5 kg
415 mm	16.34 in	6.7 kg
795 mm segmented	31.29 in segmented	12.8 kg
805 mm segmented	31.69 in segmented	13.0 kg

C45: 560-710 N/mm²



PU.150.26.R08.L

1000 kN/m max.



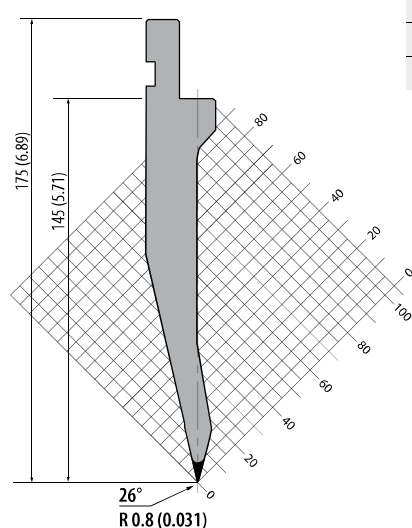
900 mm	35.43 in	15.0 kg
415 mm	16.34 in	6.2 kg
795 mm segmented	31.29 in segmented	14.3 kg
805 mm segmented	31.69 in segmented	12.5 kg

C45: 560-710 N/mm²



TOP.175.26.R08

950 kN/m max.



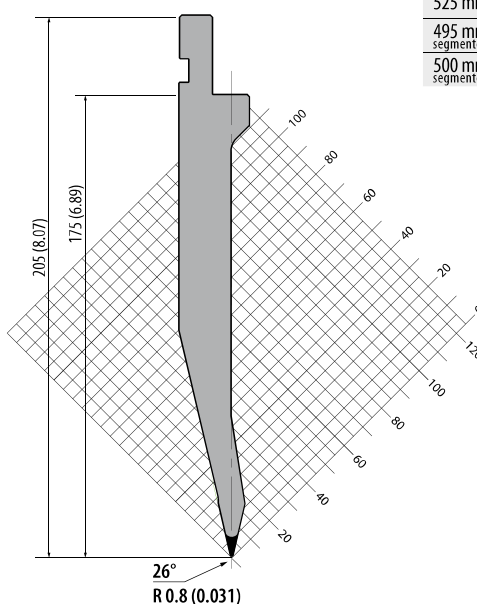
525 mm	20.67 in	11.0 kg
495 mm segmented	19.49 in segmented	10.4 kg
500 mm segmented	19.68 in segmented	10.5 kg

42Cr: 900-1150 N/mm²



TOP.205.26.R08

950 kN/m max.



525 mm	20.67 in	14.0 kg
495 mm segmented	19.49 in segmented	13.2 kg
500 mm segmented	19.68 in segmented	13.3 kg

42Cr: 900-1150 N/mm²



Article on stock



Please ask for delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)

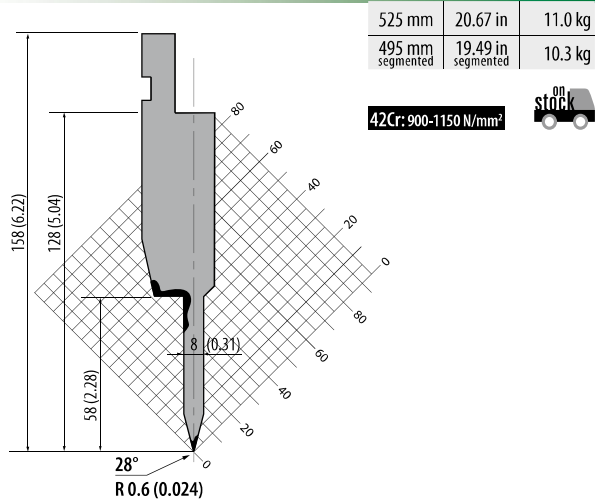


Articles on stock – Please note that delivery time depends on your location.

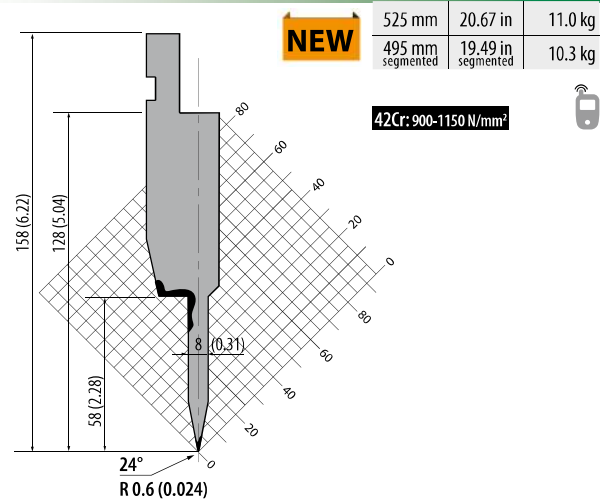
R1 ROLLER TYPE R1

28°/24° Hemming tools

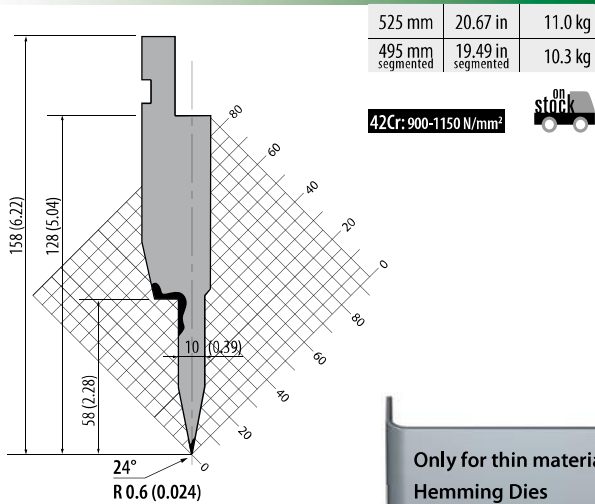
TOP.SP.134.28.8



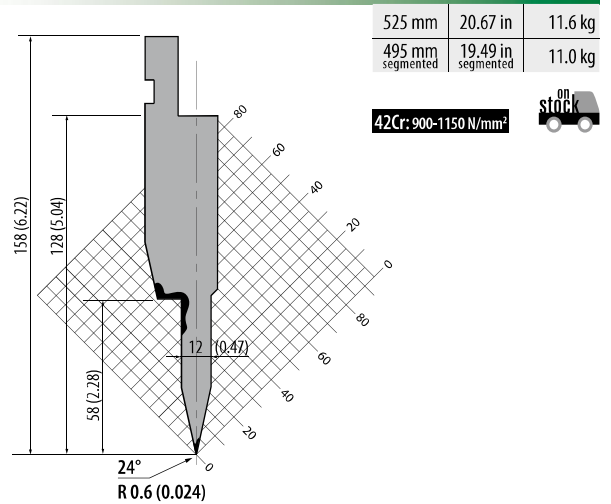
TOP.SP.134.24.8



TOP.SP.134.24.10

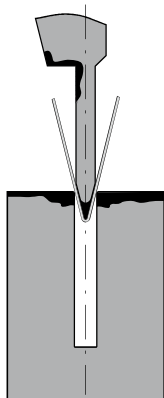


TOP.SP.134.24.12

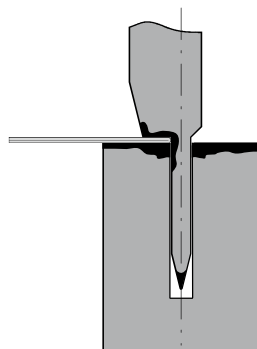


Only for thin material!
Hemming Dies
See page 75

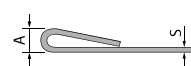
Example of application



800 kN/m max.



1000 kN/m max.

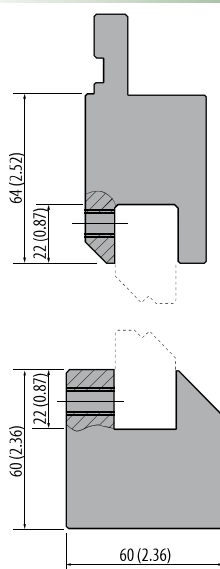


S mm	S in	A mm	A in	R.45 Kg/mm² t/m	R.70 Kg/mm² t/m	S mm	S in	A mm	A in	R.45 Kg/mm² t/m	R.70 Kg/mm² t/m
0.6	0.02	3.0	0.12	9	15	0.6	0.02	1.2	0.05	23	35
0.8	0.03	3.0	0.12	12	20	0.8	0.03	1.6	0.06	32	50
1.0	0.04	3.5	0.14	15	25	1.0	0.04	1.0	0.04	40	60
1.25	0.05	3.5	0.14	17	26	1.25	0.05	2.5	0.10	50	80



CPZ

1000 kN/m max.



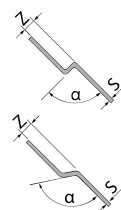
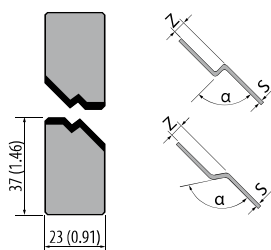
835 mm	32.87 in	37.5 kg
415 mm	16.34 in	18.7 kg

C45: 560-710 N/mm²



Z-Tool Inserts 160° / 150° / 140° / 90°

1000 kN/m max.



Model	Z mm	Z in	α	S* mm	S* inch	Weight	Weight
CEZ 1.0	1.0	0.04	160°	1.2	0.05	11.0 kg	5.5 kg
CEZ 1.5	1.5	0.06	160°	1.5	0.06	11.0 kg	5.5 kg
CEZ 2.0	2.0	0.08	150°	1.4	0.06	11.0 kg	5.5 kg
CEZ 2.5	2.5	0.10	140°	1.3	0.05	11.0 kg	5.5 kg
CEZ 1.0/90	1.0	0.04	90°	0.3	0.01	11.0 kg	5.5 kg
CEZ 1.5/90	1.5	0.06	90°	0.3	0.01	11.0 kg	5.5 kg
CEZ 2.0/90	2.0	0.08	90°	0.4	0.02	11.0 kg	5.5 kg
CEZ 2.5/90	2.5	0.10	90°	0.5	0.02	11.0 kg	5.5 kg
CEZ 3.0	3.0	0.12	90°	1.0	0.04	11.0 kg	5.5 kg
CEZ 3.5	3.5	0.14	90°	1.0	0.04	11.0 kg	5.5 kg
CEZ 4.0	4.0	0.16	90°	1.2	0.05	11.0 kg	5.5 kg
CEZ 4.5	4.5	0.18	90°	1.2	0.05	11.0 kg	5.5 kg
CEZ 5.0	5.0	0.20	90°	1.3	0.05	11.0 kg	5.5 kg
CEZ 5.5	5.5	0.22	90°	1.4	0.06	11.0 kg	5.5 kg
CEZ 6.0	6.0	0.24	90°	1.5	0.06	11.0 kg	5.5 kg
CEZ 6.5	6.5	0.26	90°	1.5	0.06	11.0 kg	5.5 kg
CEZ 7.0	7.0	0.28	90°	1.5	0.06	11.0 kg	5.5 kg
CEZ 7.5	7.5	0.30	90°	1.6	0.06	11.0 kg	5.5 kg
CEZ 8.0	8.0	0.31	90°	1.6	0.06	11.0 kg	5.5 kg

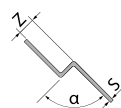
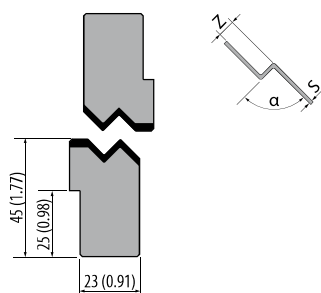
C45: 560-710 N/mm²



* Fe Rmax = 42 Kg/mm²

Z-Tool Inserts 90°

1000 kN/m max.



Model	Z mm	Z in	α	S* mm	S* inch	Weight	Weight
CEZ 9.0	9	0.35	90°	1.8	0.07	13.5 kg	6.5 kg
CEZ 10.0	10	0.39	90°	1.8	0.07	13.5 kg	6.5 kg
CEZ 11.0	11	0.43	90°	2	0.08	13.5 kg	6.5 kg
CEZ 12.0	12	0.47	90°	2	0.08	13.5 kg	6.5 kg
CEZ 13.0	13	0.51	90°	2	0.08	13.5 kg	6.5 kg
CEZ 14.0	14	0.55	90°	2	0.08	13.5 kg	6.5 kg
CEZ 15.0	15	0.59	90°	2.3	0.09	13.5 kg	6.5 kg

C45: 560-710 N/mm²



* Fe Rmax = 42 Kg/mm²



Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



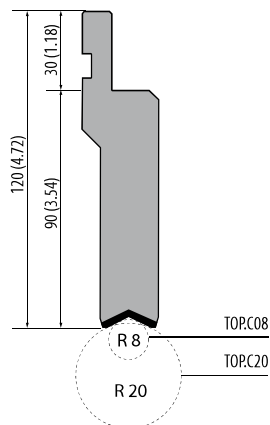
Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

Radius Tools

TOP.PC.120-08

1000 kN/m max.



522 mm	20.55 in	11.0 kg
495 mm segmented	19.49 in segmented	12.0 kg

for Radius tools with R8-R20
(TOP.C08-TOP.C20) see below

42Cr: 900-1150 N/mm²

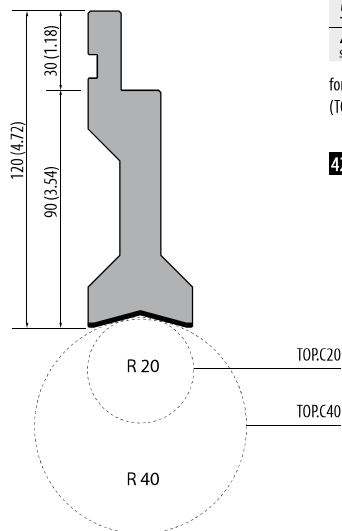


Radius Punches by
Rolleri also sectioned
on stock! Take advantage of this flexibility!



TOP.PC.120-20

1000 kN/m max.



522 mm	20.55 in	10.5 kg
495 mm segmented	19.49 in segmented	10.0 kg

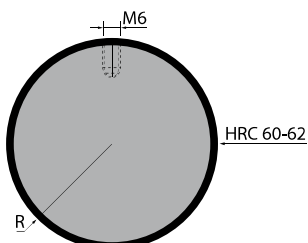
for Radius tools with R20-R40
(TOP.C20-TOP.C40) see below

42Cr: 900-1150 N/mm²



TOP-Radius Tools: R8-40

1000 kN/m max.



Material: C53
induction hard-
ened 60-62 HRC

C53: 610-760 N/mm²



Model	R mm	R in	Weight	Weight
TOP.C08	8	0.31	0.8 kg	1.9 kg
TOP.C10	10	0.39	1.3 kg	2.7 kg
TOP.C12.5	12.5	0.49	2.0 kg	2.8 kg
TOP.C15	15	0.59	3.0 kg	3.8 kg
TOP.C17.5	17.5	0.69	4.0 kg	4.7 kg
TOP.C20	20	0.79	5.2 kg	6.6 kg
TOP.C25	25	0.98	8.1 kg	7.5 kg
TOP.C30	30	1.18	11.7 kg	11.3 kg
TOP.C35	35	1.38	16.0 kg	15.1 kg
TOP.C40	40	1.57	20.7 kg	19.5 kg

R1 ROLLER TYPE R1

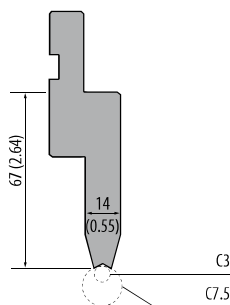
Radius Tools



1
R1

PU.67.14-S

400 kN/m max.



830 mm	32.68 in	9.7 kg
410 mm	16.14 in	5.0 kg

for Radius tools with R3-R7.5
(C3-C7.5) see below

C45: 560-710 N/mm²



Mark-free bending
with PU-Upholstery
See pages 234-235

C3 - C7.5

400 kN/m max.



C45: 560-710 N/mm²

Model	R mm	R in	Weight	Weight
C3	3.0	0.12	0.20 kg	0.10 kg
C3.5	3.5	0.14	0.20 kg	0.10 kg
C4	4.0	0.16	0.35 kg	0.17 kg
C4.5	4.5	0.18	0.50 kg	0.25 kg
C5	5.0	0.20	0.60 kg	0.30 kg
C5.5	5.5	0.22	0.70 kg	0.35 kg
C6	6.0	0.24	0.80 kg	0.40 kg
C6.5	6.5	0.26	1.00 kg	0.50 kg
C7	7.0	0.28	0.80 kg	0.40 kg
C7.5	7.5	0.30	1.00 kg	0.50 kg



Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



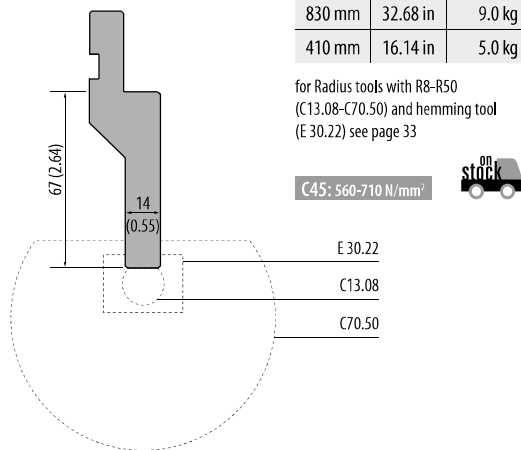
Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

Radius Tools

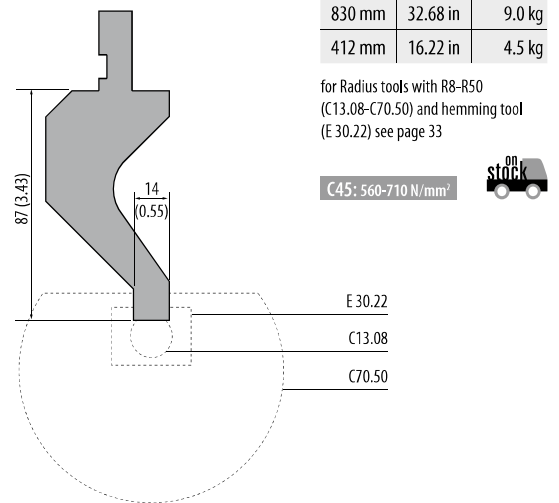
PU.67.14

800 kN/m max.



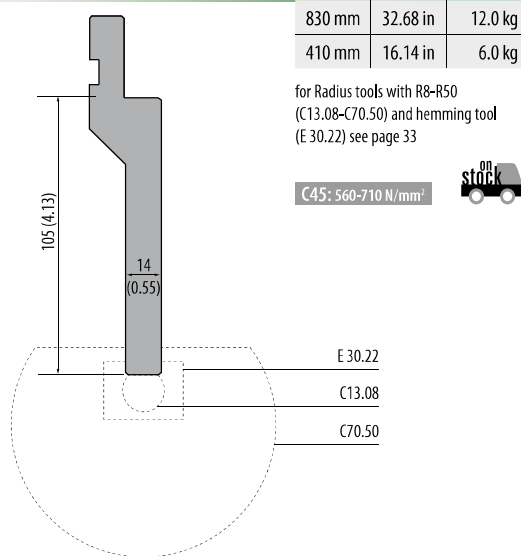
PU.87.14

500 kN/m max.



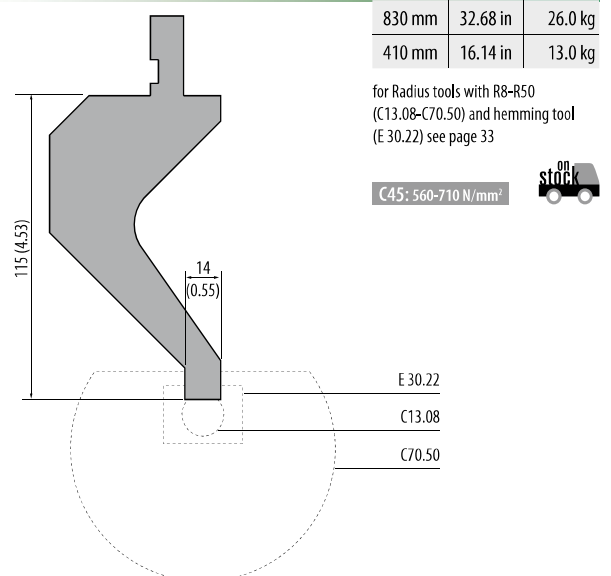
PU.105.14

800 kN/m max.



PU.115.14

500 kN/m max.



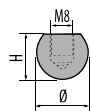
Articles on stock – Please note that delivery time varies according to your location.





Radius Tool: Ø 16-20 mm (0.63-0.79 in)

800 kN/m max.



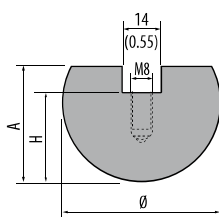
C45: 560-710 N/mm²



Model	Ø mm	Ø in	H mm	H in	835 mm / 32.87 in	Weight	415 mm / 16.34 in	Weight
C13.08	16	0.63	13	0.51	835 mm / 32.87 in	2.00 kg	415 mm / 16.34 in	1.00 kg
C13.09	18	0.71	16	0.63		2.00 kg		1.00 kg
C16.10	20	0.79	16	0.63		2.00 kg		1.00 kg

Radius Tool: Ø 25-100 mm (0.98-3.94)

800 kN/m max.



C45: 560-710 N/mm²

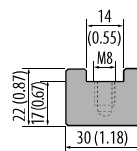
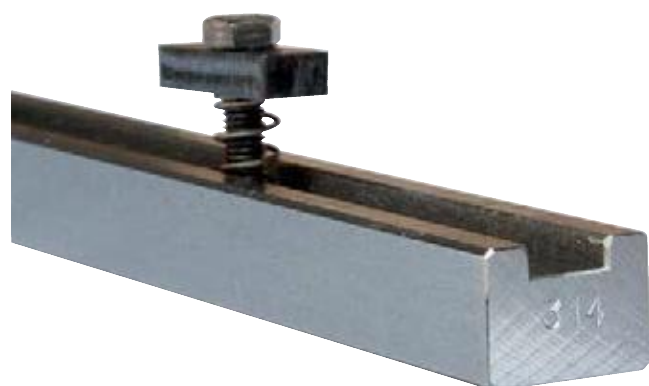


Model	Ø mm	Ø in	H mm	H in	A mm	A in	835 mm / 32.87 in	Weight	415 mm / 16.34 in	Weight
C17.12	25	0.98	17	0.67	22	0.87	835 mm / 32.87 in	2.5 kg	415 mm / 16.34 in	1.2 kg
C20.15	30	1.18	20	0.79	27	1.06		3.7 kg		1.8 kg
C22.17	35	1.38	22	0.87	32	1.26		5.0 kg		2.4 kg
C24.20	40	1.57	24	0.94	34	1.34		7.0 kg		3.5 kg
C29.25	50	1.97	29	1.14	39	1.54		10.0 kg		4.7 kg
C34.30	60	2.36	34	1.34	44	1.73		13.5 kg		6.7 kg
C45.35	70	2.76	45	1.77	55	2.17		20.3 kg		10.0 kg
C45.40	80	3.15	45	1.77	55	2.17		23.0 kg		11.5 kg
C60.45	90	3.54	60	2.36	70	2.76		34.0 kg		17.0 kg
C70.50	100	3.94	70	2.76	80	3.15		43.5 kg		21.7 kg

Hemming Tool

E30.22

800 kN/m max.



835 mm	32.87 in	3.5 kg
415 mm	16.34 in	1.7 kg

C45: 560-710 N/mm²



Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

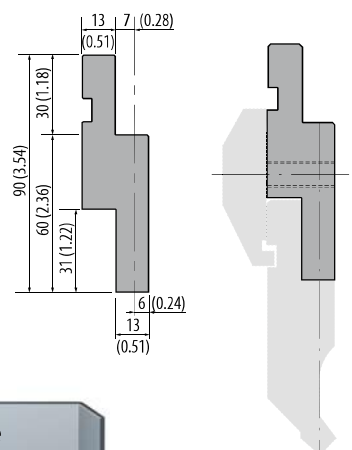
Punch extensions / Intermediates

Our Advantages – Your Convenience

- Wedge crowning prevents deflection
- Increase in leg length
- for special increase in leg length see SPE-p4 in the area of special tools on page 245

AD4

1000 kN/m max.



per piece 1.8 kg

L=150 mm

Punch extension
without wedge crowning

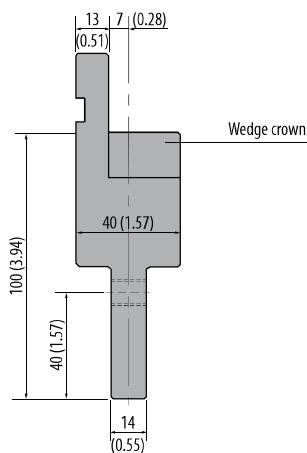
C45: 560-710 N/mm²



Compatible
tensioner
see page 208

INT100

1000 kN/m max.



per piece 3.5 kg

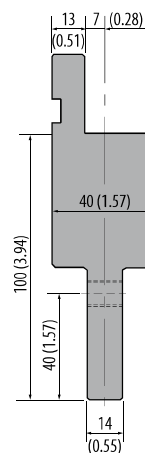
L=150 mm

C45: 560-710 N/mm²



INT100 FISSO

1000 kN/m max.



per piece 4.0 kg

L=150 mm

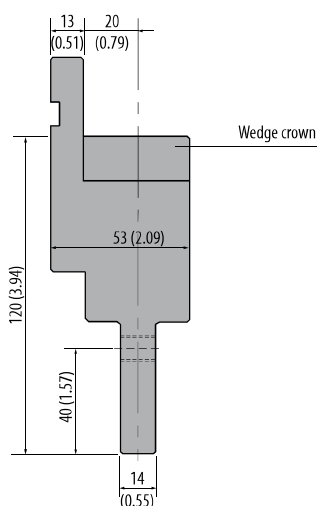
Punch extension
without wedge crowning

C45: 560-710 N/mm²



INT120-40

1000 kN/m max.



per piece 5.2 kg

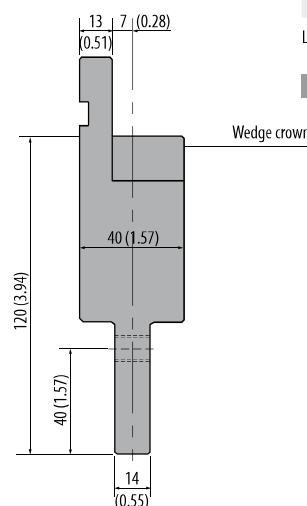
L=150 mm

C45: 560-710 N/mm²



INT120

1000 kN/m max.



per piece 4.5 kg

L=150 mm

C45: 560-710 N/mm²

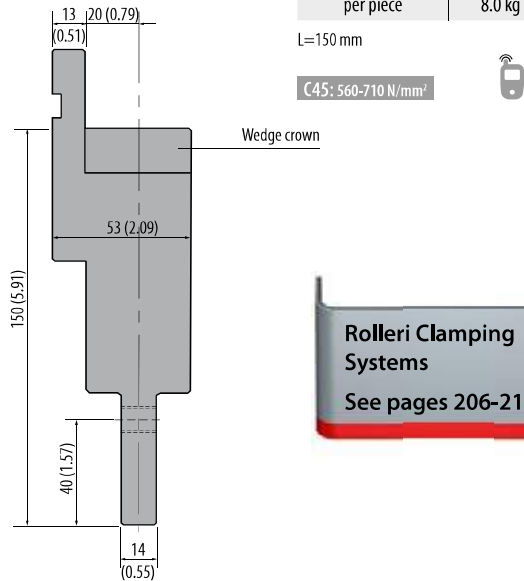


Intermediates also
available in L=70 mm
upon request.

INT150-40

1000 kN/m max.

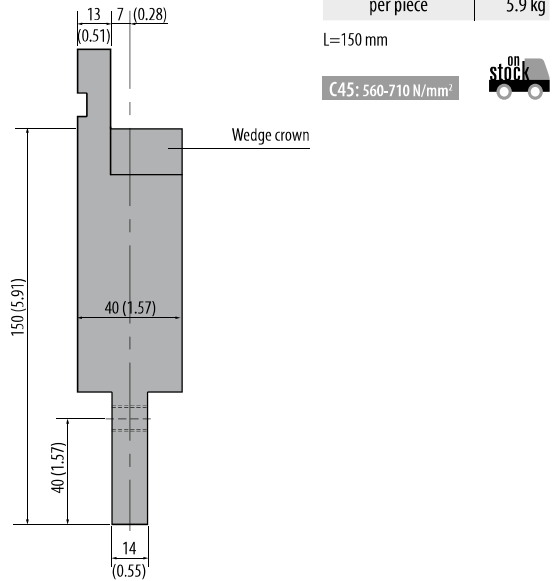
NEW



Rolleri Clamping
Systems
See pages 206-213

INT150

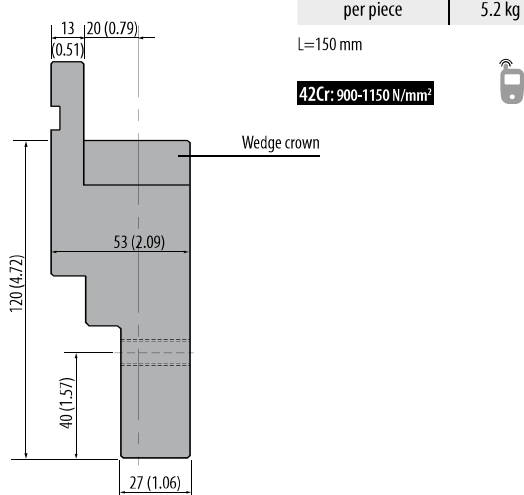
1000 kN/m max.



INT120-40-HD (Heavy Duty)

1600 kN/m max.

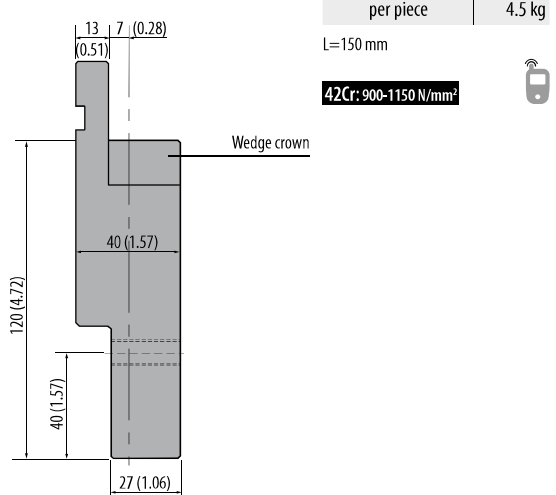
NEW



INT120-HD (Heavy Duty)

1600 kN/m max.

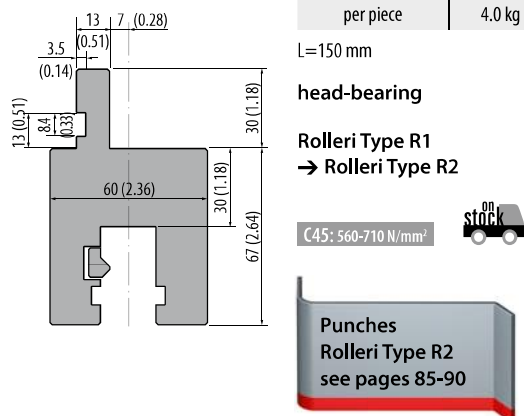
NEW



Punch Adapters

AD20

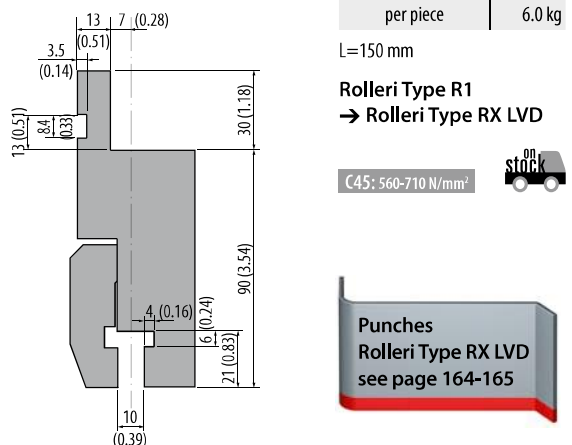
1000 kN/m max.



Punches
Rolleri Type R2
see pages 85-90

AD19-A

1000 kN/m max.



Punches
Rolleri Type RX LVD
see page 164-165



Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



Articles on stock – Please note that
delivery time depends on your location.

DIES ROLLERI TYPE R1

Content Explanation	38 - 39	1-V Dies, 70°	70
2-V Dies 90°	40	1-V Dies, 60°	71
2-V Dies 88°	40 - 41	1-V Dies, 45°	71
2-V Dies 60°	42	Multi-V Dies	72 - 73
2-V Dies 35°	42	Synthetic Dies	74
2-V Dies 30°	42	Hemming Dies	75
Die Holders for 2-V Dies	43	Spring-Loaded Hemming Dies	76
Self Centering 2-V Dies 90°	44	Pneumatic Hemming Dies	77
Self Centering 2-V Dies 88°	44 - 45	Adapter Rails for Dies	78
Self Centering 2-V Dies 85°	45	Die Adapters	79
Self Centering 2-V Dies 30°	45	Die Extensions	79
Die Holder for Self Centering 2-V Dies	46		
Clamping Piece for Self Centering 2-V Dies	46		
Self Centering 1-V Dies 90°	47		
Self Centering 1-V Dies 88°	47 - 49		
Self Centering 1-V Dies 85°	50		
Self Centering 1-V Dies 30°	51		
Die Holder for Self Centering 1-V Dies	52		
T-Dies 90°, H=80 (3.15), H=120 (4.72)	53		
T-Dies 88°, H=80 (3.15)	54		
T-Dies 88°, H=120 (4.72)	55		
T-Dies 85°, H=80 (3.15)	56		
T-Dies 85°, H=120 (4.72)	57		
T-Dies 80°, H=80 (3.15)	58		
T-Dies 80°, H=120 (4.72)	59		
T-Dies 60°, H=80 (3.15)	60		
T-Dies 60°, H=120 (4.72)	61		
T-Dies 45°, H=80 (3.15) / H=120 (4.72)	62		
T-Dies 35°, H=80 (3.15) / H=120 (4.72)	63		
T-Dies 30°, H=80 (3.15)	64		
T-Dies 30°, H=120 (4.72)	65		
T-Dies 26°, H=80 (3.15)	66		
T-Dies 26°, H=120 (4.72)	67		
1-V Dies, 85°	68		
1-V Dies, 80°	69		

Compatibility

Dies Roller Type R1 are **compatible** with press brake machines from:

ACL, Accurpress, AM Machinery, Amada, Atlantic, Adira, Baykal, BL, Boschert, Boutillon, Bystronic-Beyeler, Euro-B, Coastone, Colgar, Darley, Dener, Deratech, Durmazlar, Ermaksan, Farina, Gade, Gasparini, Gizelis, Haco, Hindustan, Iturraspe, Jfy, JMT, LFK, Metfab, MVD, Newton, Oriance, Prima Power, Promecam, Rico, Safan, Salvagnini, Schiavi, SMD, Sorg, Somo, Vicla, Vimercati, Warcom, Yangli, Yawei, Ysd, etc.

With Adapter-Systems the dies Roller Type R1 are also applicable on all other press brake machines.



Compatibility

Dies Roller Type R1 are:

- **compatible** with press brake machines (60 mm clamping-width) from: ACL, Accurpress, AM Machinery, Amada, Atlantic, Adira, Baykal, BL, Boschert, Boutillon, Bystronic-Beyeler Euro-B, Coastone, Colgar, Darley, Dener, Deratech, Durmazlar, Ermaksan, Farina, Gade, Gasparini, Gizelis, Haco, Hindustan, Iturraspe, Jfy, JMT, LFK, Metfab, MVD, Newton, Oriance, Prima Power, Promecam, Rico, Safan, Salvagnini, Schiavi, SMD, Sorg, Somo, Vicla, Vimercati, Warcom, Yangli, Yawei, Ysd, etc.
- also applicable on all other press brake machines with **Adapter-Systems and Adapter Rails** (see pages 226-229).

Material

The raw material is obtained from qualified suppliers which compose the chemical formulas according to international standards. Therefore, guaranteeing high resilience and tensile strength.

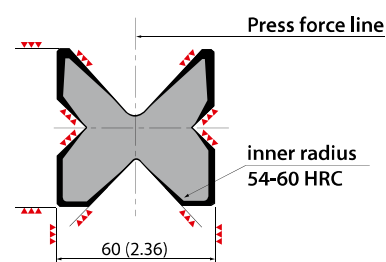
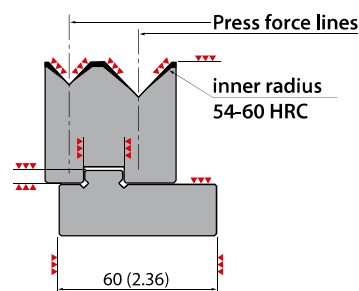
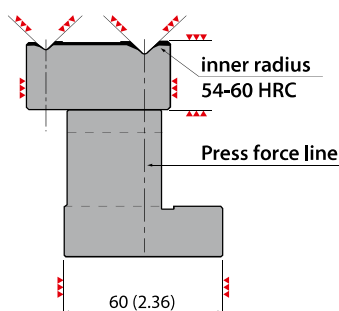
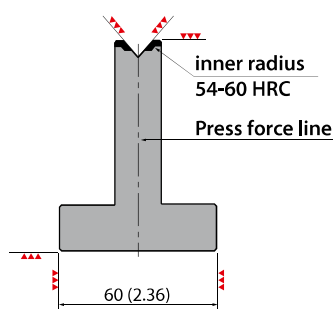
Material Type	Mechanical resistance of the material and the tool body	Hardness of the material and the tool body	Hardness of the operating surfaces after induction hardening
42CrMo4	900-1150 N/mm ²	29.1 - 36.9 HRC	54 - 60 HRC
C45	560-710 N/mm ²	12 - 15.5 HRC	54 - 60 HRC

- Specifications for the maximum press force kN/m are indicated as such, **1 t = 10 kN**.

Tang

All dies Roller Type R1 are standardized with a **60 mm (2.36 in) tang**. (Differing data see each tool.)

Indications of precision ground surfaces:



Our Advantages – Your Convenience

- own production facilities (no reseller or dealer)
- tracking of every tool possible, with a unique **serial number** on every article after the quality control check
- precision grinding (tolerance of +/-0.01 mm)
- guaranteed tool reproduction
- exact parallelism
- precise, consistent working height
- modifications possible (see pages 262-265)
- very large stock availability

Tool lengths and sectioning

Standard

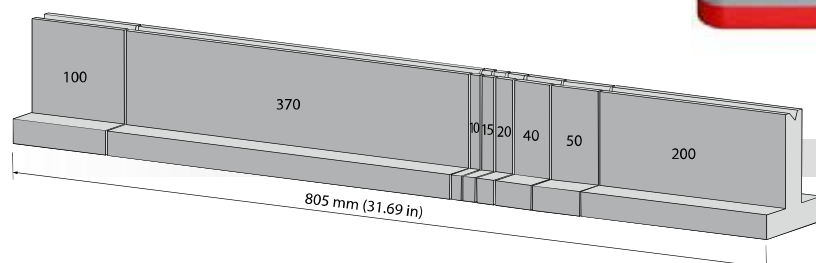
Segmented tools are delivered in complete sets. Single pieces are also available!

More lengths and sectionings are possible upon request.

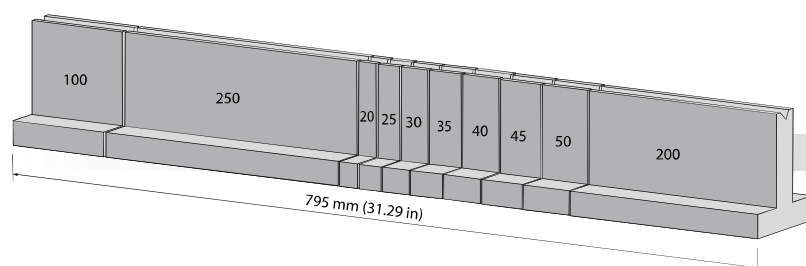
835 mm (32.87 in)

415 mm (16.34 in)

900 mm (35.43 in)



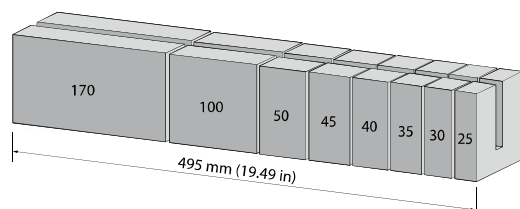
805 mm (31.69 in) segmented (8 segments)



795 mm (31.29 in) segmented (10 segments)

Rolleri TOP-System

525 mm (20.67 in)



495 mm (19.49 in) segmented (8 segments)

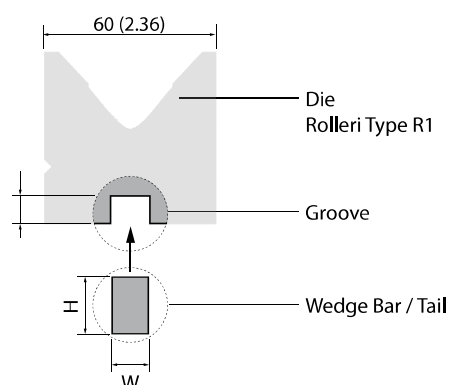
Modification: Wedge Bar / Tail

To use the dies Rolleri Type R1 on other press brake machines a 10 mm (0.39 in) groove is milled and a grounded wedge bar /tail is needed in the correct size.

Wedge Bar / Tail (W x H)	System
13 x 30 mm (0.51 x 1.18 in)	Rolleri Type R2 and R3 (Bystronic-Beyeler/Safan/Trumpf etc.)
55 x 55 mm (2.17 x 2.17 in)	Rolleri Type RX EHT
12.7 x 29 mm (0.50 x 1.14 in)	Rolleri Type RX LVD
35 x 55 mm (1.38 x 2.17 in)	Rolleri Type RX Weinbrenner

Specific information and prizes are found in the Rolleri Service / Modifications Chapter (see page 264)

Mounting example



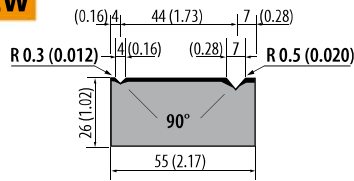
R1 ROLLER TYPE R1

2-V Dies 90°

M26.90.03

1000 kN/m max.

NEW



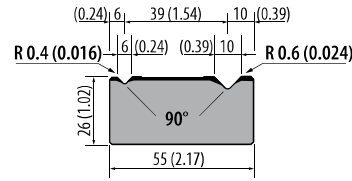
C45: 560-710 N/mm²



835 mm	32.87 in	9.0 kg
415 mm	16.34 in	4.5 kg

M26.90.01

1000 kN/m max.



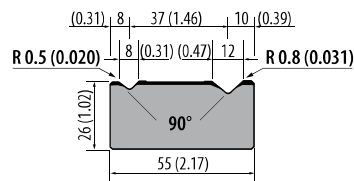
C45: 560-710 N/mm²



835 mm	32.87 in	9.0 kg
415 mm	16.34 in	4.5 kg
900 mm	35.43 in	10.0 kg

M26.90.02

1000 kN/m max.



C45: 560-710 N/mm²



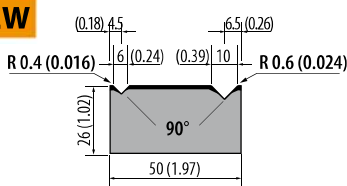
835 mm	32.87 in	9.0 kg
415 mm	16.34 in	4.5 kg
900 mm	35.43 in	10.0 kg

Die Holders for 2-V Dies see page 43

12300

700 kN/m max.

NEW



C45: 560-710 N/mm²

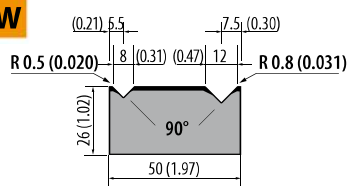


835 mm	32.87 in	8.0 kg
415 mm	16.34 in	3.9 kg

12400

800 kN/m max.

NEW



C45: 560-710 N/mm²

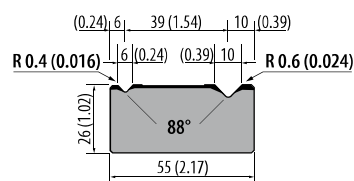


835 mm	32.87 in	8.0 kg
415 mm	16.34 in	3.9 kg

2-V Dies 88°

M26.88.01

1000 kN/m max.



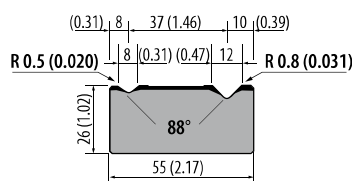
C45: 560-710 N/mm²



835 mm	32.87 in	9.0 kg
415 mm	16.34 in	4.5 kg

M26.88.02

1000 kN/m max.



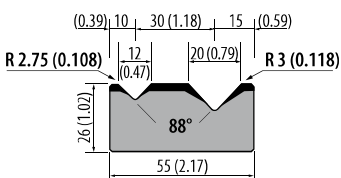
C45: 560-710 N/mm²



835 mm	32.87 in	9.0 kg
415 mm	16.34 in	4.5 kg

M26.88.03

1000 kN/m max.



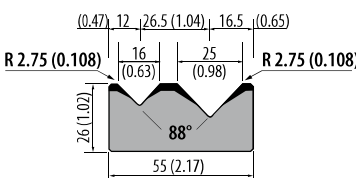
C45: 560-710 N/mm²



835 mm	32.87 in	9.0 kg
415 mm	16.34 in	4.5 kg

M26.88.04

1000 kN/m max.



C45: 560-710 N/mm²



835 mm	32.87 in	8.0 kg
415 mm	16.34 in	4.0 kg

R1

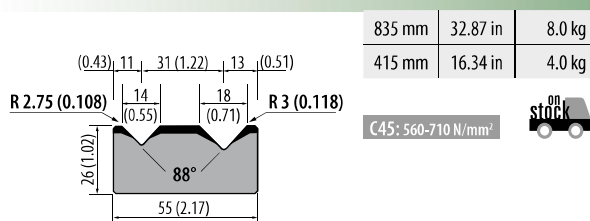
ROLLERI TYPE R1

2-V Dies 88°



M26.88.05

1000 kN/m max.



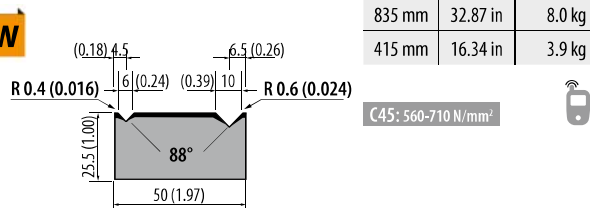
Take advantage of our adapters on pages 226-229 when using dies RollerI Type R1.

2
R1

12306

700 kN/m max.

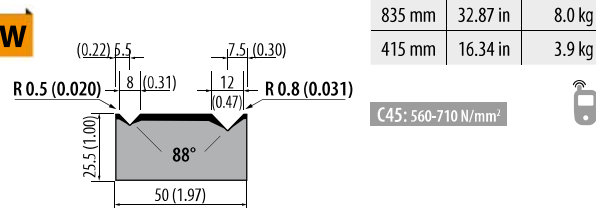
NEW



12406

800 kN/m max.

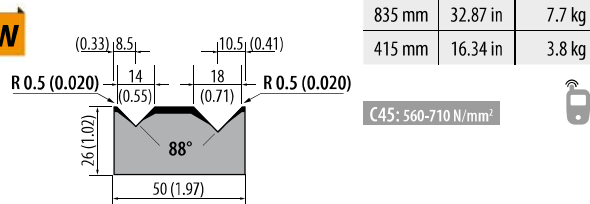
NEW



12500

1000 kN/m max.

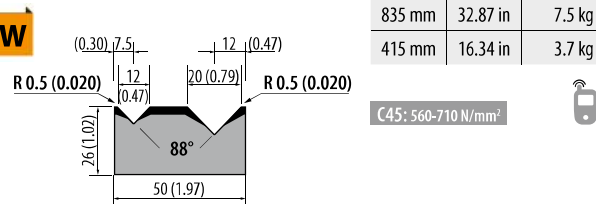
NEW



12600

1000 kN/m max.

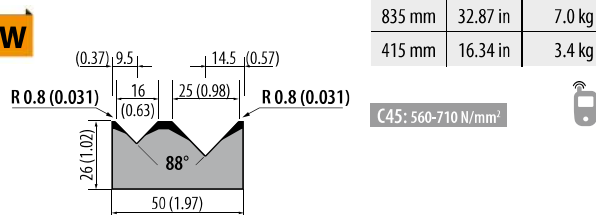
NEW



12700

700 kN/m max.

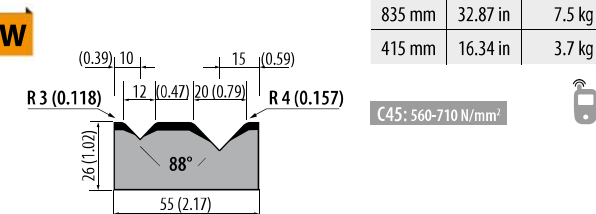
NEW



31400

1000 kN/m max.

NEW



Article on stock



Please ask for delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



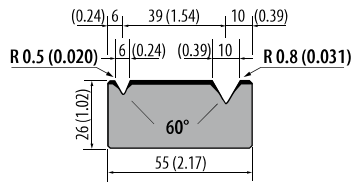
Articles on stock – Please note that delivery time depends on your location.

R1 ROLLER TYPE R1

2-V Dies 60°

M26.60.01

600 kN/m max.



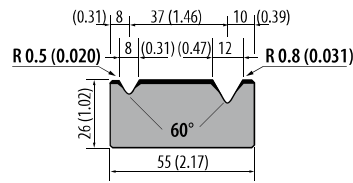
835 mm	32.87 in	9.0 kg
415 mm	16.34 in	4.5 kg
900 mm	35.43 in	10.0 kg

C45: 560-710 N/mm²



M26.60.02

800 kN/m max.



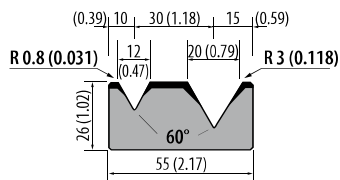
835 mm	32.87 in	9.0 kg
415 mm	16.34 in	4.5 kg

C45: 560-710 N/mm²



M26.60.03

800 kN/m max.



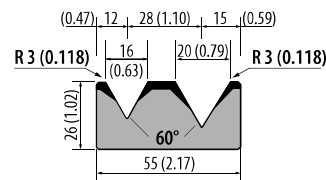
835 mm	32.87 in	8.0 kg
415 mm	16.34 in	4.0 kg

C45: 560-710 N/mm²



M26.60.05

800 kN/m max.



835 mm	32.87 in	8.0 kg
415 mm	16.34 in	4.0 kg

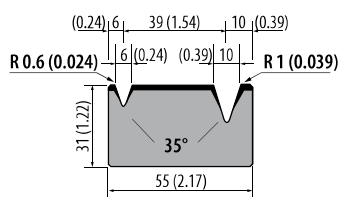
C45: 560-710 N/mm²



2-V Dies 35°

M31.35.01

300 kN/m max.



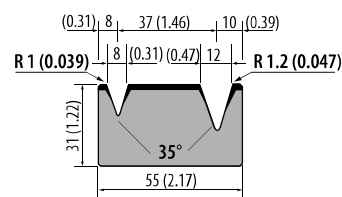
835 mm	32.87 in	11.0 kg
415 mm	16.34 in	5.5 kg

C45: 560-710 N/mm²



M31.35.02

300 kN/m max.



835 mm	32.87 in	10.0 kg
415 mm	16.34 in	5.0 kg

C45: 560-710 N/mm²

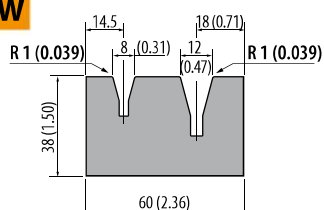


2-V Dies 30°

33700

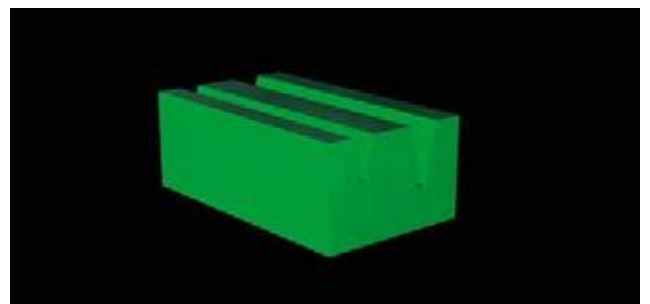
300 kN/m max.

NEW

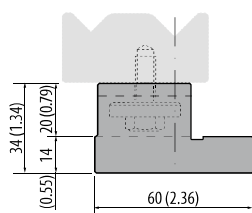


835 mm	32.87 in	13.3 kg
415 mm	16.34 in	5.6 kg

42Cr: 900-1150 N/mm²



SU034



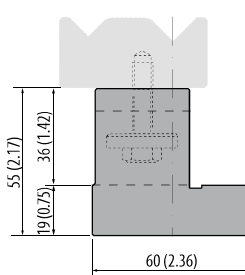
830 mm	32.68 in	9.0 kg
410 mm	16.14 in	4.5 kg

for all 2-V Dies
pages 40-42

C45: 560-710 N/mm²



SU055



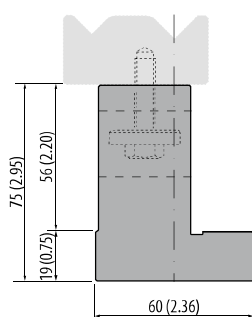
830 mm	32.68 in	14.5 kg
410 mm	16.14 in	7.2 kg

for all 2-V Dies
pages 40-42

C45: 560-710 N/mm²



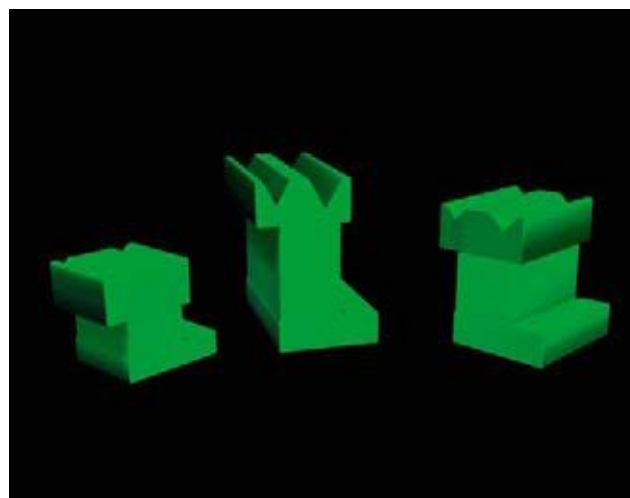
SU075



830 mm	32.68 in	20.5 kg
410 mm	16.14 in	10.0 kg

for all 2-V Dies
pages 40-42

C45: 560-710 N/mm²



Articles on stock – Please
note that delivery
time varies
according to
your location.



Rolleri Videos

find updated and helpful videos at:
[www.rolleritools.com/
videos/overview](http://www.rolleritools.com/videos/overview)



Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



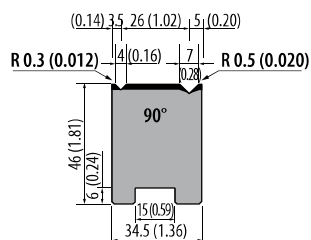
Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

Self Centering 2-V Dies 90°

46-10

800 kN/m max.



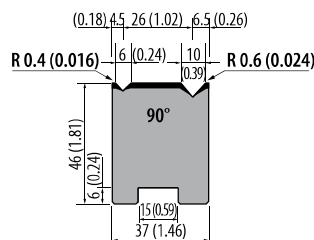
835 mm	32.87 in	9.7 kg
415 mm	16.34 in	4.8 kg
795 mm segmented	31.29 in segmented	9.2 kg
805 mm segmented	31.69 in segmented	9.4 kg

C45: 800-850 N/mm²



46-11

800 kN/m max.



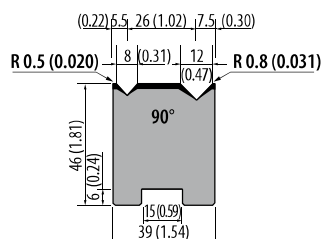
835 mm	32.87 in	10.3 kg
415 mm	16.34 in	5.1 kg
795 mm segmented	31.29 in segmented	9.8 kg
805 mm segmented	31.69 in segmented	9.9 kg

C45: 800-850 N/mm²



46-12

800 kN/m max.



835 mm	32.87 in	10.0 kg
415 mm	16.34 in	5.0 kg
795 mm segmented	31.29 in segmented	9.5 kg
805 mm segmented	31.69 in segmented	9.6 kg

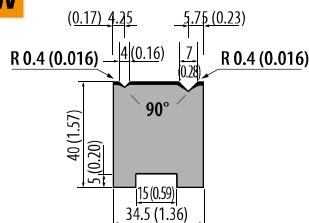
C45: 800-850 N/mm²



50190

600 kN/m max.

NEW



835 mm	32.87 in	9.7 kg
415 mm	16.34 in	4.8 kg
795 mm segmented	31.29 in segmented	9.2 kg
805 mm segmented	31.69 in segmented	9.4 kg

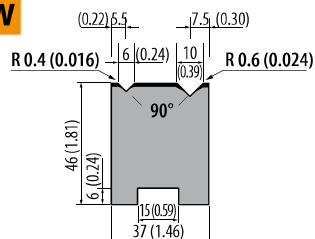
C45: 800-850 N/mm²



50290

700 kN/m max.

NEW



835 mm	32.87 in	10.5 kg
415 mm	16.34 in	5.2 kg
795 mm segmented	31.29 in segmented	10.0 kg
805 mm segmented	31.69 in segmented	10.1 kg

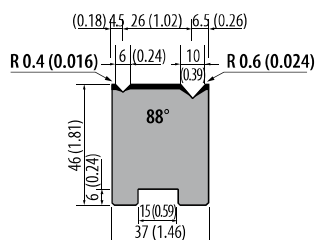
C45: 800-850 N/mm²



Self Centering 2-V Dies 88°

46.11.88

800 kN/m max.



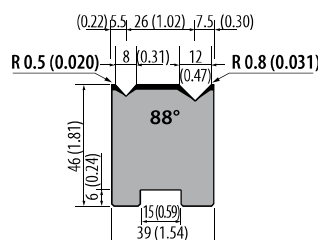
835 mm	32.87 in	10.3 kg
415 mm	16.34 in	5.2 kg
795 mm segmented	31.29 in segmented	9.8 kg
805 mm segmented	31.69 in segmented	9.9 kg

C45: 800-850 N/mm²



46.13

800 kN/m max.



835 mm	32.87 in	10.9 kg
415 mm	16.34 in	5.4 kg
795 mm segmented	31.29 in segmented	10.4 kg
805 mm segmented	31.69 in segmented	10.5 kg

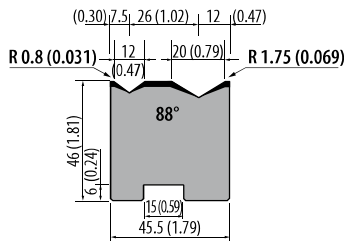
C45: 800-850 N/mm²





46.14

800 kN/m max.



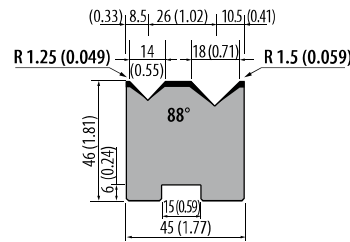
835 mm	32.87 in	12.0 kg
415 mm	16.34 in	6.0 kg
795 mm segmented	31.29 in segmented	11.4 kg
805 mm segmented	31.69 in segmented	11.6 kg

C45: 800-850 N/mm²



46.15

800 kN/m max.



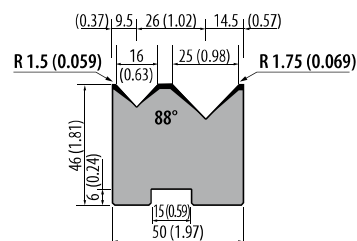
835 mm	32.87 in	12.6 kg
415 mm	16.34 in	6.0 kg
795 mm segmented	31.29 in segmented	12.0 kg
805 mm segmented	31.69 in segmented	12.1 kg

C45: 800-850 N/mm²



46.16

800 kN/m max.



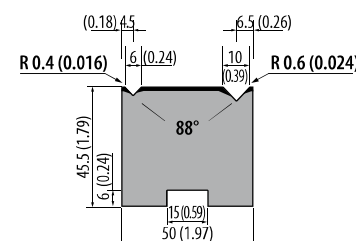
835 mm	32.87 in	13.0 kg
415 mm	16.34 in	6.5 kg
795 mm segmented	31.29 in segmented	12.4 kg
805 mm segmented	31.69 in segmented	12.5 kg

C45: 800-850 N/mm²



30247

700 kN/m max.



835 mm	32.87 in	17.0 kg
415 mm	16.34 in	8.4 kg
795 mm segmented	31.29 in segmented	16.2 kg
805 mm segmented	31.69 in segmented	16.4 kg

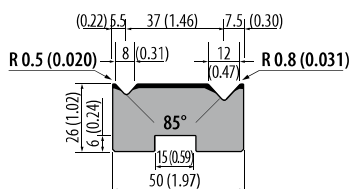
C45: 800-850 N/mm²



Self Centering 2-V Dies 85°

M26.85.02

1000 kN/m max.



835 mm	32.87 in	9.0 kg
415 mm	16.34 in	4.5 kg
795 mm segmented	31.29 in segmented	8.6 kg
805 mm segmented	31.69 in segmented	8.7 kg

PM50 + Support is needed

42Cr: 900-1150 N/mm²

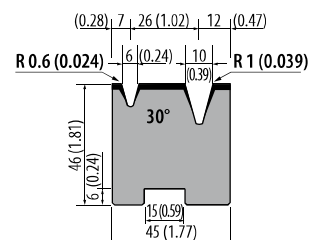


Die Adapters
see pages 226-229

Self Centering 2-V Dies 30°

46.17

400 kN/m max.



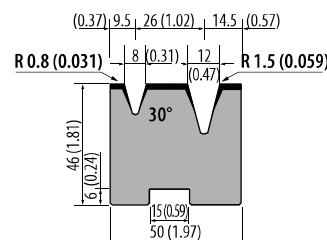
835 mm	32.87 in	12.2 kg
415 mm	16.34 in	6.0 kg
795 mm segmented	31.29 in segmented	11.6 kg
805 mm segmented	31.69 in segmented	11.8 kg

C45: 800-850 N/mm²



46.18

400 kN/m max.



835 mm	32.87 in	13.2 kg
415 mm	16.34 in	6.6 kg
795 mm segmented	31.29 in segmented	12.6 kg
805 mm segmented	31.69 in segmented	12.7 kg

C45: 800-850 N/mm²



Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

Die Holders for Self Centering 2-V Dies



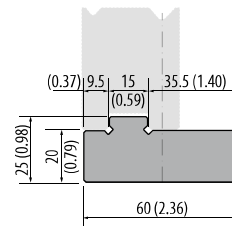
PM60

1000 kN/m max.

835 mm	32.87 in	7.5 kg
415 mm	16.34 in	3.7 kg

for self centering 2-V dies
pages 44-45

C45: 560-710 N/mm²



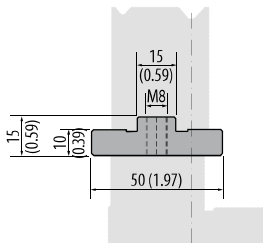
PM50

1000 kN/m max.

835 mm	32.87 in	4.0 kg
415 mm	16.34 in	2.0 kg

for all self centering 2-V dies
pages 44-45

C45: 560-710 N/mm²



PM50.20

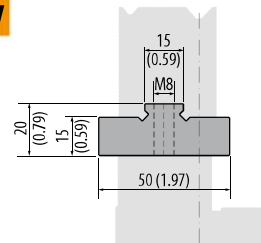
1000 kN/m max.

NEW

835 mm	32.87 in	5.4 kg
415 mm	16.34 in	2.6 kg

for all self centering 2-V dies
pages 44-45

C45: 800-850 N/mm²

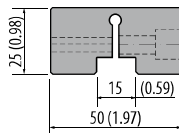


Clamping Piece for Self Centering 2-V Dies

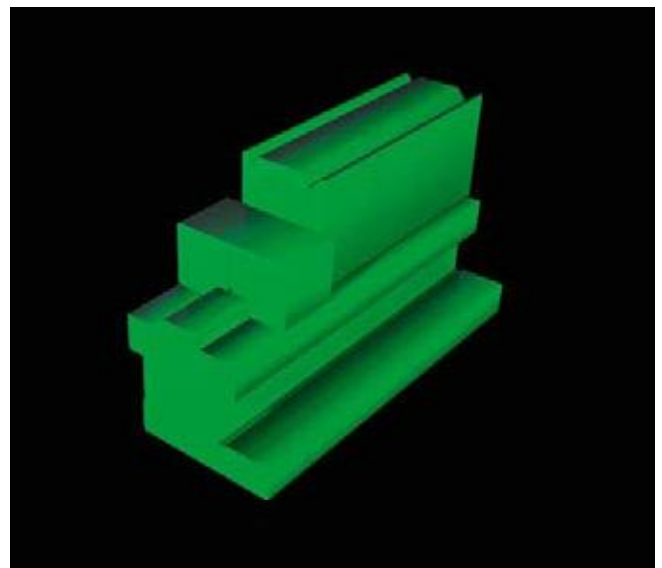
PB60

pair 0.2 kg

Fe37

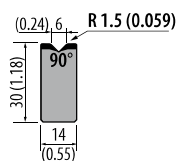


Articles on stock – Please
note that delivery time
varies according to your
location.



32000

950 kN/m max.

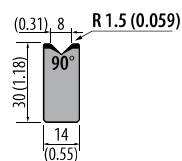
NEW


835 mm	32.87 in	3.0 kg
415 mm	16.34 in	1.5 kg

C45: 560-710 N/mm²


32100

950 kN/m max.

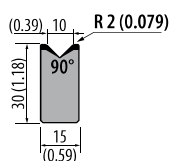
NEW


835 mm	32.87 in	3.0 kg
415 mm	16.34 in	1.5 kg

C45: 560-710 N/mm²


32300

950 kN/m max.

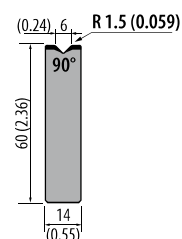
NEW


835 mm	32.87 in	3.0 kg
415 mm	16.34 in	1.5 kg

C45: 560-710 N/mm²


07000

950 kN/m max.

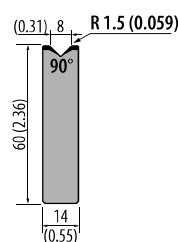
NEW


835 mm	32.87 in	5.5 kg
415 mm	16.34 in	2.7 kg

C45: 560-710 N/mm²


07100

950 kN/m max.

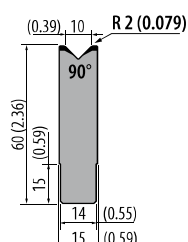
NEW


835 mm	32.87 in	5.5 kg
415 mm	16.34 in	2.7 kg

C45: 560-710 N/mm²


07300

950 kN/m max.

NEW


835 mm	32.87 in	6.0 kg
415 mm	16.34 in	3.0 kg

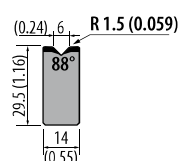
C45: 560-710 N/mm²



Self Centering 1-V Dies 88°

32006

950 kN/m max.

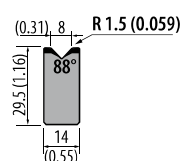
NEW


835 mm	32.87 in	3.0 kg
415 mm	16.34 in	1.5 kg

C45: 560-710 N/mm²


32106

950 kN/m max.

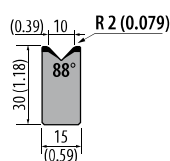
NEW


835 mm	32.87 in	3.0 kg
415 mm	16.34 in	1.5 kg

C45: 560-710 N/mm²


32200

950 kN/m max.

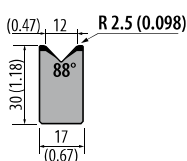
NEW


835 mm	32.87 in	3.0 kg
415 mm	16.34 in	1.5 kg

C45: 560-710 N/mm²


32400

1000 kN/m max.

NEW


835 mm	32.87 in	3.0 kg
415 mm	16.34 in	1.5 kg

C45: 560-710 N/mm²


 Article
on stock

 Please ask for
delivery time!

 1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
 100 mm = 3.94 Inch (in) = 0.33 Feet (ft)

 Articles on stock – Please note that
delivery time depends on your location.

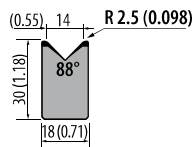
R1 ROLLER TYPE R1

Self Centering 1-V Dies 88°

32500

1000 kN/m max.

NEW



835 mm	32.87 in	3.3 kg
415 mm	16.34 in	1.6 kg

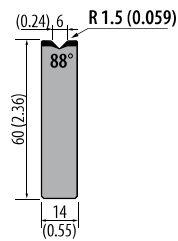
C45: 560-710 N/mm²



07006

950 kN/m max.

NEW



835 mm	32.87 in	5.5 kg
415 mm	16.34 in	2.7 kg

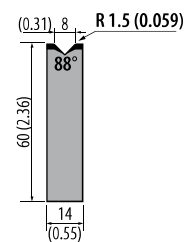
C45: 560-710 N/mm²



07106

950 kN/m max.

NEW



835 mm	32.87 in	5.5 kg
415 mm	16.34 in	2.7 kg

C45: 560-710 N/mm²

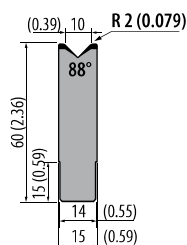


Compatible Die Holders
for bolted 1-V Dies
see page 52,
Article-No. 33000

07200

950 kN/m max.

NEW



835 mm	32.87 in	6.0 kg
415 mm	16.34 in	3.0 kg

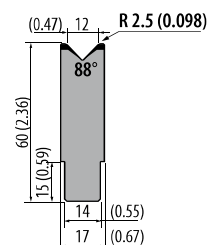
C45: 560-710 N/mm²



07400

950 kN/m max.

NEW



835 mm	32.87 in	6.0 kg
415 mm	16.34 in	3.0 kg

C45: 560-710 N/mm²



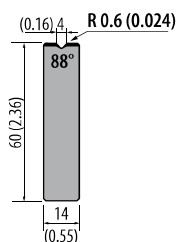
R1 ROLLER TYPE R1

Self Centering 1-V Dies 88°



AMR60.04.88

1000 kN/m max.



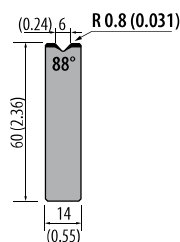
835 mm	32.87 in	5.4 kg
415 mm	16.34 in	2.7 kg
795 mm segmented	31.29 in segmented	5.1 kg
805 mm segmented	31.69 in segmented	5.2 kg

C45: 560-710 N/mm²



AMR60.06.88

1000 kN/m max.



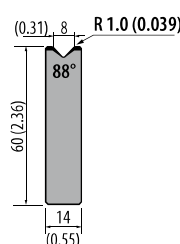
835 mm	32.87 in	5.4 kg
415 mm	16.34 in	2.7 kg
795 mm segmented	31.29 in segmented	5.1 kg
805 mm segmented	31.69 in segmented	5.2 kg

C45: 560-710 N/mm²



AMR60.08.88

1000 kN/m max.



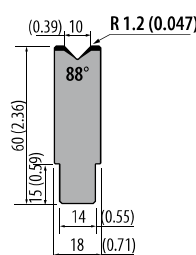
835 mm	32.87 in	5.4 kg
415 mm	16.34 in	2.7 kg
795 mm segmented	31.29 in segmented	5.1 kg
805 mm segmented	31.69 in segmented	5.2 kg

C45: 560-710 N/mm²



AMR60.10.88

1000 kN/m max.



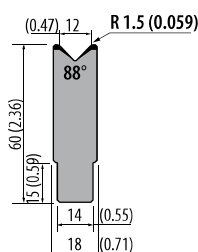
835 mm	32.87 in	5.6 kg
415 mm	16.34 in	2.8 kg
795 mm segmented	31.29 in segmented	5.3 kg
805 mm segmented	31.69 in segmented	5.4 kg

C45: 560-710 N/mm²



AMR60.12.88

1000 kN/m max.



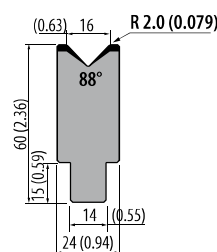
835 mm	32.87 in	6.1 kg
415 mm	16.34 in	3.0 kg
795 mm segmented	31.29 in segmented	5.8 kg
805 mm segmented	31.69 in segmented	5.9 kg

C45: 560-710 N/mm²



AMR60.16.88

1000 kN/m max.



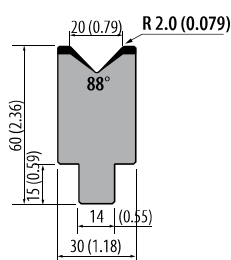
835 mm	32.87 in	7.1 kg
415 mm	16.34 in	3.5 kg
795 mm segmented	31.29 in segmented	6.8 kg
805 mm segmented	31.69 in segmented	6.9 kg

C45: 560-710 N/mm²



AMR60.20.88

1000 kN/m max.



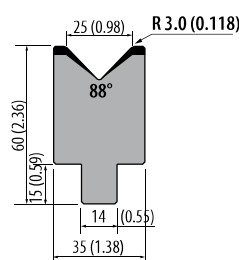
835 mm	32.87 in	8.0 kg
415 mm	16.34 in	4.0 kg
795 mm segmented	31.29 in segmented	7.6 kg
805 mm segmented	31.69 in segmented	7.7 kg

C45: 560-710 N/mm²



AMR60.25.88

1000 kN/m max.



835 mm	32.87 in	9.2 kg
415 mm	16.34 in	4.6 kg
795 mm segmented	31.29 in segmented	8.8 kg
805 mm segmented	31.69 in segmented	8.9 kg

C45: 560-710 N/mm²



Compatible Die Holders
for bolted 1-V Dies
see page 52,
Article No. SU61F



Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



Articles on stock – Please note that
delivery time depends on your location.

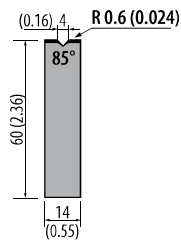
R1 ROLLER TYPE R1

Self Centering 1-V Dies 85°

AMR60.04.85

1000 kN/m max.

NEW



835 mm	32.87 in	5.4 kg
415 mm	16.34 in	2.7 kg
795 mm segmented	31.29 in segmented	5.1 kg
805 mm segmented	31.69 in segmented	5.2 kg

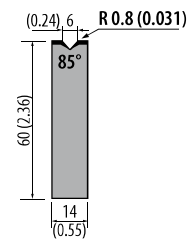
C45: 560-710 N/mm²



AMR60.06.85

1000 kN/m max.

NEW



835 mm	32.87 in	5.4 kg
415 mm	16.34 in	2.7 kg
795 mm segmented	31.29 in segmented	5.1 kg
805 mm segmented	31.69 in segmented	5.2 kg

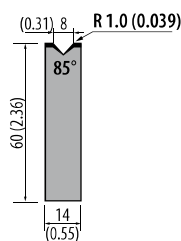
C45: 560-710 N/mm²



AMR60.08.85

1000 kN/m max.

NEW



835 mm	32.87 in	5.4 kg
415 mm	16.34 in	2.7 kg
795 mm segmented	31.29 in segmented	5.1 kg
805 mm segmented	31.69 in segmented	5.2 kg

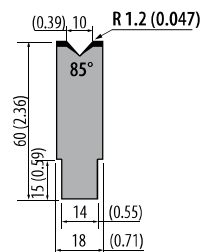
C45: 560-710 N/mm²



AMR60.10.85

1000 kN/m max.

NEW



835 mm	32.87 in	5.6 kg
415 mm	16.34 in	2.8 kg
795 mm segmented	31.29 in segmented	5.3 kg
805 mm segmented	31.69 in segmented	5.4 kg

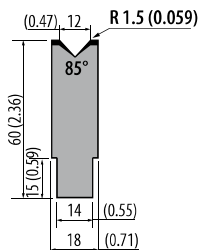
C45: 560-710 N/mm²



AMR60.12.85

1000 kN/m max.

NEW



835 mm	32.87 in	6.1 kg
415 mm	16.34 in	3.0 kg
795 mm segmented	31.29 in segmented	5.8 kg
805 mm segmented	31.69 in segmented	5.9 kg

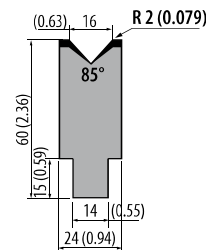
C45: 560-710 N/mm²



AMR60.16.85

1000 kN/m max.

NEW



835 mm	32.87 in	7.1 kg
415 mm	16.34 in	3.5 kg
795 mm segmented	31.29 in segmented	6.8 kg
805 mm segmented	31.69 in segmented	6.9 kg

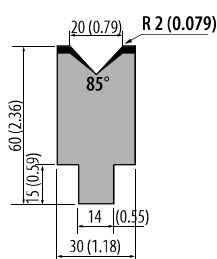
C45: 560-710 N/mm²



AMR60.20.85

1000 kN/m max.

NEW



835 mm	32.87 in	8.0 kg
415 mm	16.34 in	4.0 kg
795 mm segmented	31.29 in segmented	7.6 kg
805 mm segmented	31.69 in segmented	7.7 kg

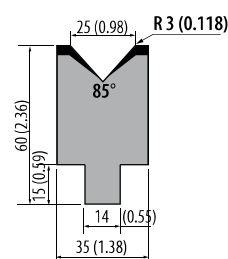
C45: 560-710 N/mm²



AMR60.25.85

1000 kN/m max.

NEW



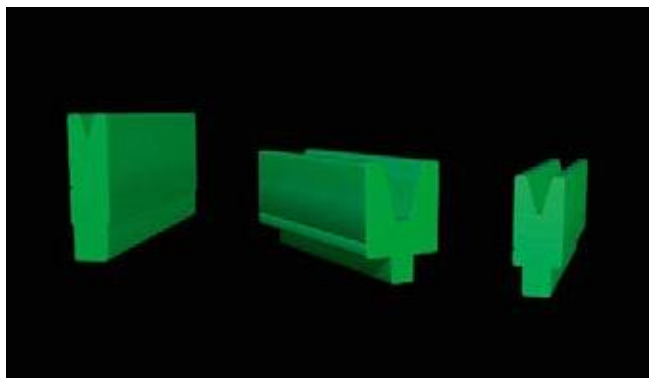
835 mm	32.87 in	9.2 kg
415 mm	16.34 in	4.6 kg
795 mm segmented	31.29 in segmented	8.8 kg
805 mm segmented	31.69 in segmented	8.9 kg

C45: 560-710 N/mm²



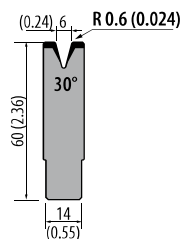
R1 ROLLER TYPE R1

Self Centering 1-V Dies 30°



AMR60.06.30

350 kN/m max.



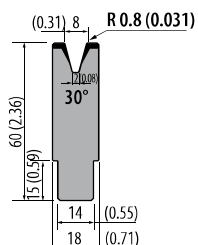
835 mm	32.87 in	5.9 kg
415 mm	16.34 in	2.9 kg
195 mm segmented	31.29 in segmented	5.6 kg
805 mm segmented	31.69 in segmented	5.7 kg

C45: 560-710 N/mm²



AMR60.08.30

350 kN/m max.



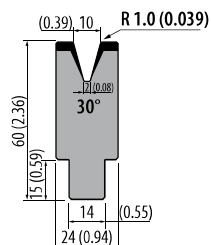
835 mm	32.87 in	6.6 kg
415 mm	16.34 in	3.3 kg
195 mm segmented	31.29 in segmented	6.3 kg
805 mm segmented	31.69 in segmented	6.4 kg

C45: 560-710 N/mm²



AMR60.10.30

500 kN/m max.



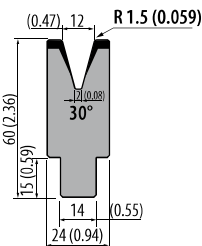
835 mm	32.87 in	7.8 kg
415 mm	16.34 in	3.9 kg
195 mm segmented	31.29 in segmented	7.4 kg
805 mm segmented	31.69 in segmented	7.5 kg

C45: 560-710 N/mm²



AMR60.12.30

400 kN/m max.



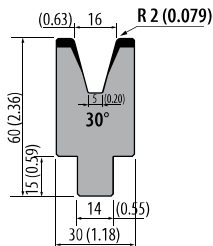
835 mm	32.87 in	7.9 kg
415 mm	16.34 in	3.9 kg
195 mm segmented	31.29 in segmented	7.5 kg
805 mm segmented	31.69 in segmented	7.6 kg

C45: 560-710 N/mm²



AMR60.16.30

450 kN/m max.



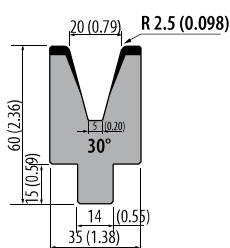
835 mm	32.87 in	8.8 kg
415 mm	16.34 in	4.7 kg
195 mm segmented	31.29 in segmented	8.4 kg
805 mm segmented	31.69 in segmented	8.5 kg

C45: 560-710 N/mm²



AMR60.20.30

500 kN/m max.



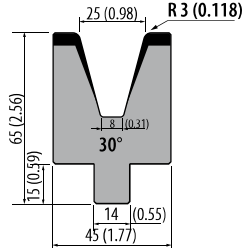
835 mm	32.87 in	15.9 kg
415 mm	16.34 in	7.9 kg
195 mm segmented	31.29 in segmented	15.1 kg
805 mm segmented	31.69 in segmented	15.3 kg

C45: 560-710 N/mm²



AMR65.25.30

500 kN/m max.



835 mm	32.87 in	13.0 kg
415 mm	16.34 in	6.3 kg
195 mm segmented	31.29 in segmented	12.4 kg
805 mm segmented	31.69 in segmented	12.5 kg

C45: 560-710 N/mm²



Article on stock



Please ask for delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



Articles on stock – Please note that delivery time depends on your location.

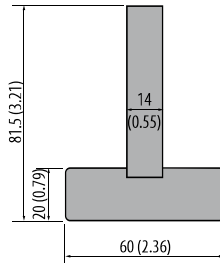
R1 ROLLERI TYPE R1

Die Holders for Self Centering 1-V Dies

33000

1000 kN/m max.

NEW



835 mm	32.87 in	12.7 kg
415 mm	16.34 in	6.3 kg

for self centering, bolted 1-V Dies,
pages 47-48

C45: 560-710 N/mm²



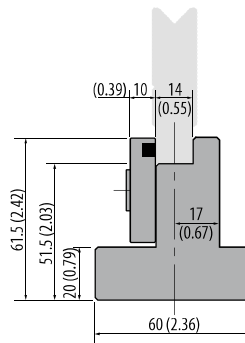
SU61F

1000 kN/m max.

835 mm	32.87 in	14.8 kg
415 mm	16.34 in	7.3 kg

for self centering 1-V Dies,
pages 49-51

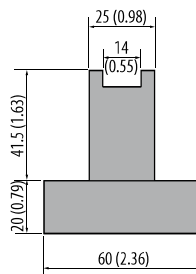
C45: 560-710 N/mm²



08000

950 kN/m max.

NEW



1050 mm	41.34 in	17.8 kg
---------	----------	---------

for self centering 1-V Dies,
pages 47-51

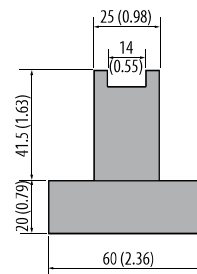
C45: 560-710 N/mm²



08100

950 kN/m max.

NEW



1260 mm	49.61 in	21.4 kg
---------	----------	---------

for self centering 1-V Dies,
pages 47-51

C45: 560-710 N/mm²



R1 ROLLER TYPE R1

Prevention of Bending Marks



The following options are available to prevent bending marks on the surfaces:

- Protective Sheets
- PU-Upholstery
- Synthetic Dies

The alternative to these options mentioned above, is a modification of the dies:

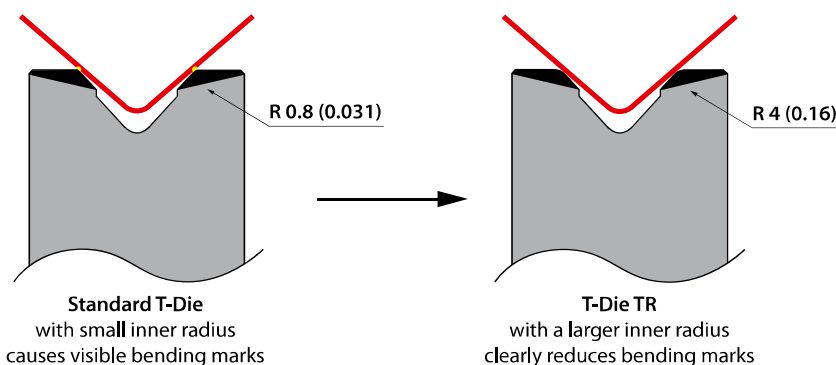
- **enlargement of the dies' inner radius**
(Retrofitting of new or existing dies)

This solution is available on stock for some of our T-Dies under the Article No.: TR

Our Advantages – Your Convenience

- Prevention of streaks and markings on the bended sheet metals
- No post processing necessary and therefore, time- and cost efficient.
- No contact of bending pieces
- increases product quality
- easy handling

2
R1

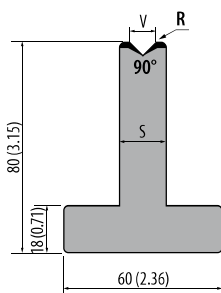


Specific information
for mark-free bending
see pages 230-237

T-Dies 90°, H=80 (3.15), H=120 (4.72)

T-Dies 90°, H=80 mm (3.15 in)

1000 kN/m max.



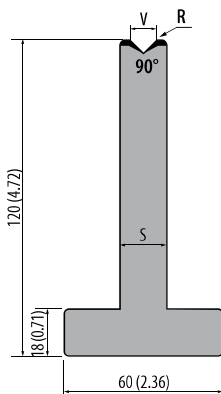
Model	V (mm)	V (in)	R (mm)	R (in)	S (mm)	S (in)	Weight	Weight	Weight	Weight	Weight	Weight
T80.06.90	6	0.24	0.4	0.02	14	0.55	13.0 kg	6.5 kg	12.4 kg	12.5 kg	14.0 kg	14.0 kg
T80.08.90	8	0.31	0.5	0.02	14	0.55	13.0 kg	6.5 kg	12.4 kg	12.5 kg	14.0 kg	14.0 kg
T80.10.90	10	0.39	0.6	0.02	18	0.71	14.2 kg	7.0 kg	13.5 kg	13.7 kg		
T80.12.90	12	0.47	0.8	0.03	18	0.71	15.0 kg	7.5 kg	14.3 kg	14.5 kg		

C45: 560-710 N/mm²



T-Dies 90°, H=120 mm (4.72 in)

1000 kN/m max.



Model	V (mm)	V (in)	R (mm)	R (in)	S (mm)	S (in)	Weight	Weight	Weight	Weight	Weight
T120.06.90	6	0.24	0.4	0.02	14	0.55	16.0 kg	8.0 kg	15.2 kg	15.4 kg	15.4 kg
T120.08.90	8	0.31	0.5	0.02	14	0.55	16.0 kg	8.0 kg	15.2 kg	15.4 kg	15.4 kg
T120.10.90	10	0.39	0.6	0.02	18	0.71	19.0 kg	9.0 kg	18.1 kg	18.3 kg	18.3 kg
T120.12.90	12	0.47	0.8	0.03	18	0.71	19.0 kg	9.0 kg	18.1 kg	18.3 kg	18.3 kg

C45: 560-710 N/mm²



Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



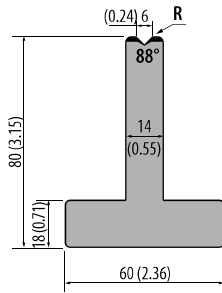
Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

T-Dies 88°, H=80 (3.15)

T80.06.88 / TR80.06.88

1000 kN/m max.



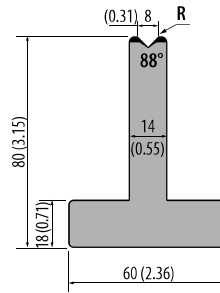
	R=0.4 (0.016)		
	mm	in	kg
T80.06.88	835 mm	32.87 in	13.0 kg
	415 mm	16.34 in	6.5 kg
	795 mm segmented	31.29 in segmented	12.4 kg
	805 mm segmented	31.69 in segmented	12.5 kg
	R=2.75 (0.108)		
	mm	in	kg
TR80.06.88	835 mm	32.87 in	13.0 kg
	415 mm	16.34 in	6.5 kg
	795 mm segmented	31.29 in segmented	12.4 kg
	805 mm segmented	31.69 in segmented	12.5 kg

C45: 560-710 N/mm²



T80.08.88 / TR80.08.88

1000 kN/m max.



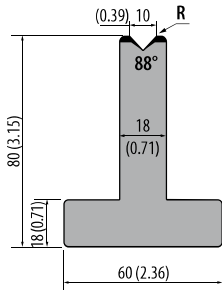
	R=0.5 (0.020)		
	mm	in	kg
T80.08.88	835 mm	32.87 in	12.6 kg
	415 mm	16.34 in	6.3 kg
	795 mm segmented	31.29 in segmented	12.0 kg
	805 mm segmented	31.69 in segmented	12.1 kg
	R=2.75 (0.108)		
	mm	in	kg
TR80.08.88	835 mm	32.87 in	13.0 kg
	415 mm	16.34 in	6.5 kg
	795 mm segmented	31.29 in segmented	12.4 kg
	805 mm segmented	31.69 in segmented	12.5 kg

C45: 560-710 N/mm²



T80.10.88 / TR80.10.88

1000 kN/m max.



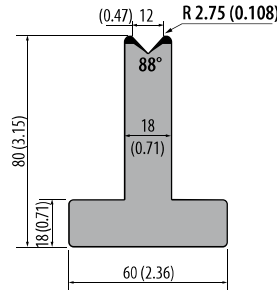
	R=0.8 (0.031)		
	mm	in	kg
T80.10.88	835 mm	32.87 in	14.2 kg
	415 mm	16.34 in	7.0 kg
	795 mm segmented	31.29 in segmented	13.5 kg
	805 mm segmented	31.69 in segmented	13.7 kg
	R=2.75 (0.108)		
	mm	in	kg
TR80.10.88	835 mm	32.87 in	15.0 kg
	415 mm	16.34 in	7.5 kg
	795 mm segmented	31.29 in segmented	14.3 kg
	805 mm segmented	31.69 in segmented	14.5 kg

C45: 560-710 N/mm²



T80.12.88

1000 kN/m max.



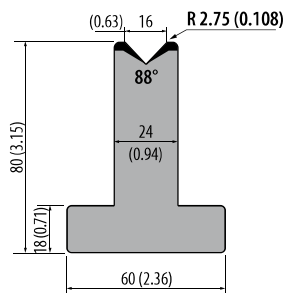
835 mm	32.87 in	14.0 kg
415 mm	16.34 in	7.0 kg
795 mm segmented	31.29 in segmented	13.3 kg
805 mm segmented	31.69 in segmented	13.5 kg

C45: 560-710 N/mm²



T80.16.88

1000 kN/m max.



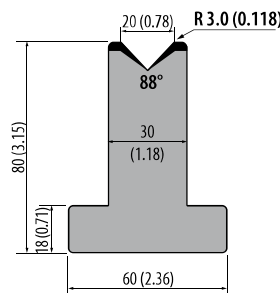
835 mm	32.87 in	16.6 kg
415 mm	16.34 in	8.3 kg
795 mm segmented	31.29 in segmented	15.8 kg
805 mm segmented	31.69 in segmented	16.0 kg

C45: 560-710 N/mm²



T80.20.88

1000 kN/m max.



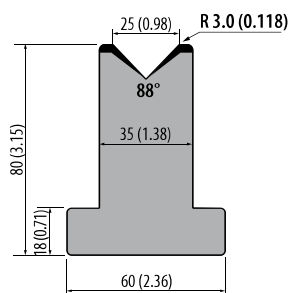
835 mm	32.87 in	18.5 kg
415 mm	16.34 in	9.2 kg
795 mm segmented	31.29 in segmented	17.6 kg
805 mm segmented	31.69 in segmented	17.8 kg

C45: 560-710 N/mm²



T80.25.88

1000 kN/m max.



835 mm	32.87 in	20.2 kg
415 mm	16.34 in	10.0 kg
795 mm segmented	31.29 in segmented	19.2 kg
805 mm segmented	31.69 in segmented	19.5 kg

C45: 560-710 N/mm²

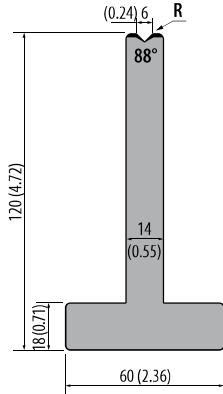


Articles on stock – Please note that delivery time varies according to your location.



T120.06.88 / TR120.06.88

1000 kN/m max.



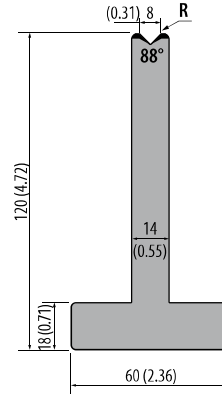
	R=0.4 (0.016)		
T120.06.88	835 mm	32.87 in	16.5 kg
	415 mm	16.34 in	8.0 kg
	795 mm segmented	31.29 in segmented	15.7 kg
	805 mm segmented	31.69 in segmented	16.0 kg
	R=2.75 (0.108)		
TR120.06.88	835 mm	32.87 in	16.0 kg
	415 mm	16.34 in	8.0 kg
	795 mm segmented	31.29 in segmented	15.2 kg
	805 mm segmented	31.69 in segmented	15.4 kg

C45: 560-710 N/mm²



T120.08.88 / TR120.08.88

1000 kN/m max.



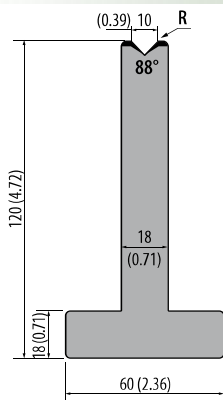
	R=0.5 (0.020)		
T120.08.88	835 mm	32.87 in	16.0 kg
	415 mm	16.34 in	8.0 kg
	795 mm segmented	31.29 in segmented	15.2 kg
	805 mm segmented	31.69 in segmented	15.4 kg
	R=2.75 (0.108)		
TR120.08.88	835 mm	32.87 in	16.0 kg
	415 mm	16.34 in	8.0 kg
	795 mm segmented	31.29 in segmented	15.2 kg
	805 mm segmented	31.69 in segmented	15.4 kg

C45: 560-710 N/mm²



T120.10.88 / TR120.10.88

1000 kN/m max.



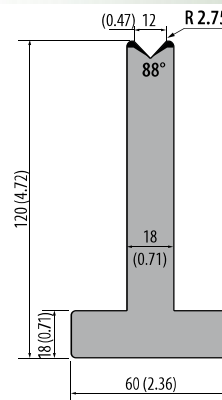
	R=0.8 (0.031)		
T120.10.88	835 mm	32.87 in	19.0 kg
	415 mm	16.34 in	9.5 kg
	795 mm segmented	31.29 in segmented	18.0 kg
	805 mm segmented	31.69 in segmented	18.3 kg
	R=2.75 (0.108)		
TR120.10.88	835 mm	32.87 in	18.0 kg
	415 mm	16.34 in	9.0 kg
	795 mm segmented	31.29 in segmented	17.1 kg
	805 mm segmented	31.69 in segmented	17.4 kg

C45: 560-710 N/mm²



T120.12.88

1000 kN/m max.



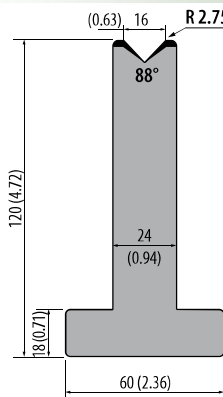
835 mm	32.87 in	19.0 kg
415 mm	16.34 in	9.0 kg
795 mm segmented	31.29 in segmented	18.0 kg
805 mm segmented	31.69 in segmented	18.3 kg

C45: 560-710 N/mm²



T120.16.88

1000 kN/m max.



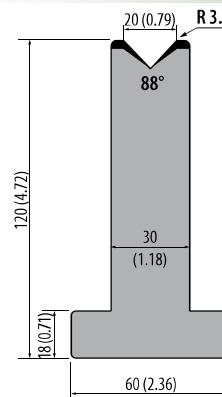
835 mm	32.87 in	22.0 kg
415 mm	16.34 in	11.0 kg
795 mm segmented	31.29 in segmented	20.9 kg
805 mm segmented	31.69 in segmented	21.2 kg

C45: 560-710 N/mm²



T120.20.88

1000 kN/m max.



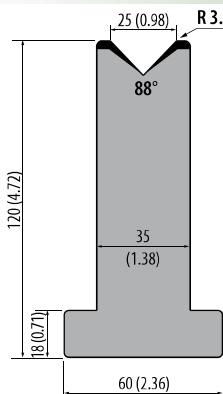
835 mm	32.87 in	27.0 kg
415 mm	16.34 in	13.5 kg
795 mm segmented	31.29 in segmented	25.7 kg
805 mm segmented	31.69 in segmented	26.0 kg

C45: 560-710 N/mm²



T120.25.88

1000 kN/m max.



835 mm	32.87 in	30.0 kg
415 mm	16.34 in	15.0 kg
795 mm segmented	31.29 in segmented	28.6 kg
805 mm segmented	31.69 in segmented	28.9 kg

C45: 560-710 N/mm²



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Article on stock



Please ask for delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



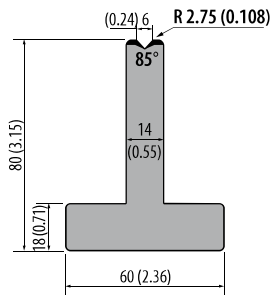
Articles on stock – Please note that delivery time depends on your location.

R1 ROLLER TYPE R1

T-Dies 85°, H=80 (3.15)

T80.06.85

1000 kN/m max.



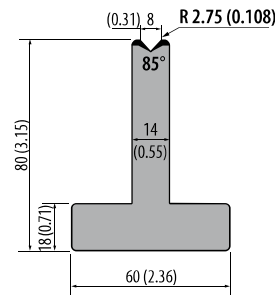
835 mm	32.87 in	13.0 kg
415 mm	16.34 in	6.5 kg
795 mm segmented	31.29 in segmented	12.4 kg
805 mm segmented	31.69 in segmented	12.5 kg

C45: 560-710 N/mm²



T80.08.85

1000 kN/m max.



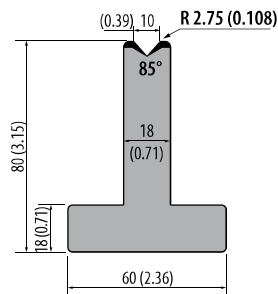
835 mm	32.87 in	12.6 kg
415 mm	16.34 in	6.2 kg
795 mm segmented	31.29 in segmented	12.0 kg
805 mm segmented	31.69 in segmented	12.1 kg

C45: 560-710 N/mm²



T80.10.85

1000 kN/m max.



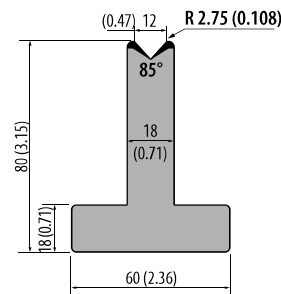
835 mm	32.87 in	14.2 kg
415 mm	16.34 in	7.0 kg
795 mm segmented	31.29 in segmented	13.5 kg
805 mm segmented	31.69 in segmented	13.7 kg

C45: 560-710 N/mm²



T80.12.85

1000 kN/m max.



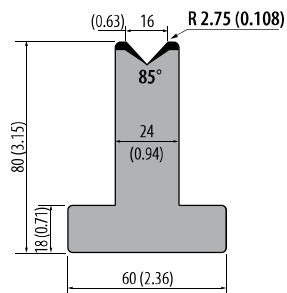
835 mm	32.87 in	14.1 kg
415 mm	16.34 in	7.0 kg
795 mm segmented	31.29 in segmented	13.4 kg
805 mm segmented	31.69 in segmented	13.6 kg

C45: 560-710 N/mm²



T80.16.85

1000 kN/m max.



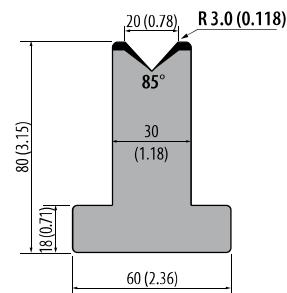
835 mm	32.87 in	16.4 kg
415 mm	16.34 in	8.2 kg
795 mm segmented	31.29 in segmented	15.6 kg
805 mm segmented	31.69 in segmented	15.8 kg

C45: 560-710 N/mm²



T80.20.85

1000 kN/m max.



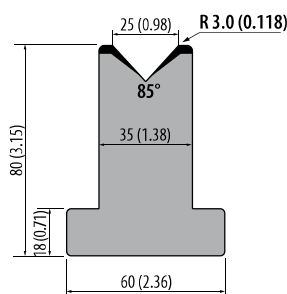
835 mm	32.87 in	19.0 kg
415 mm	16.34 in	9.5 kg
795 mm segmented	31.29 in segmented	18.1 kg
805 mm segmented	31.69 in segmented	18.3 kg

C45: 560-710 N/mm²



T80.25.85

1000 kN/m max.



835 mm	32.87 in	20.0 kg
415 mm	16.34 in	10.0 kg
795 mm segmented	31.29 in segmented	19.0 kg
805 mm segmented	31.69 in segmented	19.3 kg

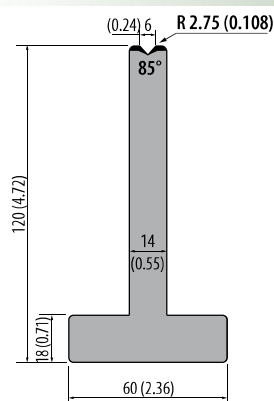
C45: 560-710 N/mm²



Do you have queries about delivery times, operational areas, and other possibilities? Give us a call!

T120.06.85

1000 kN/m max.

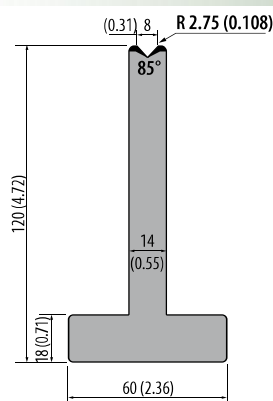


835 mm	32.87 in	16.3 kg
415 mm	16.34 in	8.1 kg
795 mm segmented	31.29 in segmented	15.5 kg
805 mm segmented	31.69 in segmented	15.7 kg

 C45: 560-710 N/mm²


T120.08.85

1000 kN/m max.

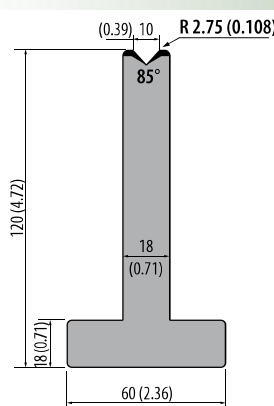


835 mm	32.87 in	16.3 kg
415 mm	16.34 in	8.1 kg
795 mm segmented	31.29 in segmented	15.5 kg
805 mm segmented	31.69 in segmented	15.7 kg

 C45: 560-710 N/mm²


T120.10.85

1000 kN/m max.

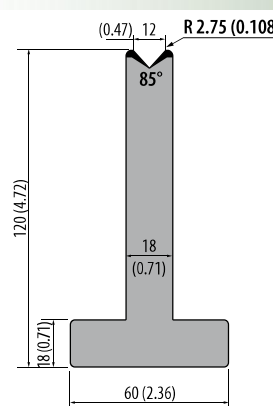


835 mm	32.87 in	19.0 kg
415 mm	16.34 in	8.0 kg
795 mm segmented	31.29 in segmented	18.1 kg
805 mm segmented	31.69 in segmented	18.3 kg

 C45: 560-710 N/mm²


T120.12.85

1000 kN/m max.

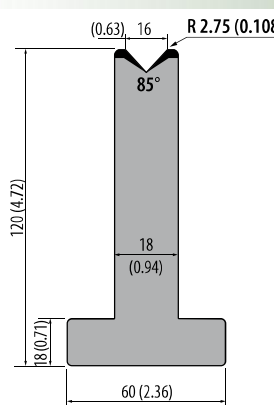


835 mm	32.87 in	18.9 kg
415 mm	16.34 in	9.4 kg
795 mm segmented	31.29 in segmented	18.0 kg
805 mm segmented	31.69 in segmented	18.2 kg

 C45: 560-710 N/mm²


T120.16.85

1000 kN/m max.

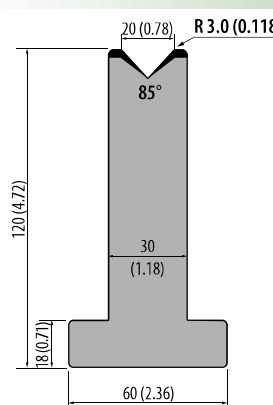


835 mm	32.87 in	22.7 kg
415 mm	16.34 in	11.3 kg
795 mm segmented	31.29 in segmented	21.7 kg
805 mm segmented	31.69 in segmented	21.9 kg

 C45: 560-710 N/mm²


T120.20.85

1000 kN/m max.

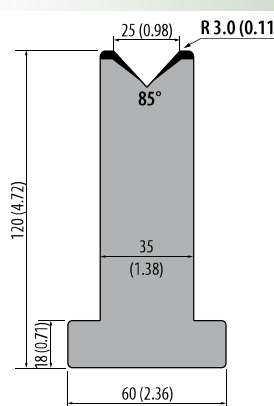


835 mm	32.87 in	30.0 kg
415 mm	16.34 in	15.0 kg
795 mm segmented	31.29 in segmented	28.6 kg
805 mm segmented	31.69 in segmented	28.9 kg

 C45: 560-710 N/mm²


T120.25.85

1000 kN/m max.



835 mm	32.87 in	30.0 kg
415 mm	16.34 in	15.0 kg
795 mm segmented	31.29 in segmented	28.6 kg
805 mm segmented	31.69 in segmented	28.9 kg

 C45: 560-710 N/mm²

 Article
on stock

 Please ask for
delivery time!

 1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
 100 mm = 3.94 Inch (in) = 0.33 Feet (ft)

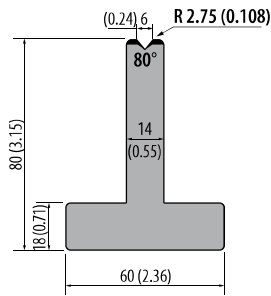
 Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

T-Dies 80°, H=80 (3.15)

T80.06.80

950 kN/m max.



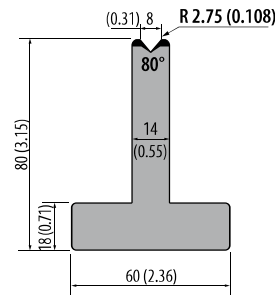
835 mm	32.87 in	13.0 kg
415 mm	16.34 in	6.5 kg
795 mm segmented	31.29 in segmented	12.4 kg
805 mm segmented	31.69 in segmented	12.5 kg

C45: 560-710 N/mm²



T80.08.80

950 kN/m max.



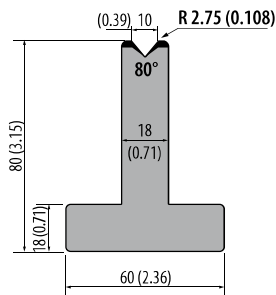
835 mm	32.87 in	13.0 kg
415 mm	16.34 in	6.5 kg
795 mm segmented	31.29 in segmented	12.4 kg
805 mm segmented	31.69 in segmented	12.5 kg

C45: 560-710 N/mm²



T80.10.80

950 kN/m max.



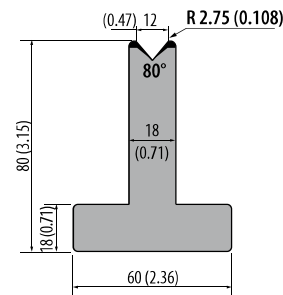
835 mm	32.87 in	13.0 kg
415 mm	16.34 in	6.5 kg
795 mm segmented	31.29 in segmented	12.4 kg
805 mm segmented	31.69 in segmented	12.5 kg

C45: 560-710 N/mm²



T80.12.80

950 kN/m max.



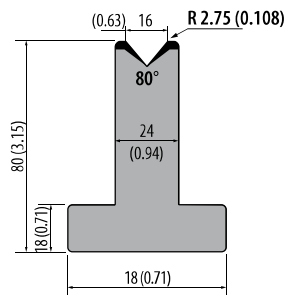
835 mm	32.87 in	13.0 kg
415 mm	16.34 in	6.5 kg
795 mm segmented	31.29 in segmented	12.4 kg
805 mm segmented	31.69 in segmented	12.5 kg

C45: 560-710 N/mm²



T80.16.80

950 kN/m max.



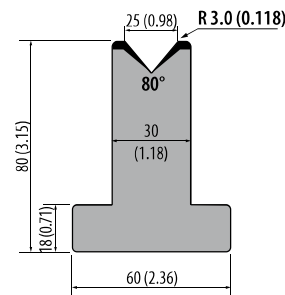
835 mm	32.87 in	13.0 kg
415 mm	16.34 in	6.5 kg
795 mm segmented	31.29 in segmented	12.4 kg
805 mm segmented	31.69 in segmented	12.5 kg

C45: 560-710 N/mm²



T80.20.80

950 kN/m max.



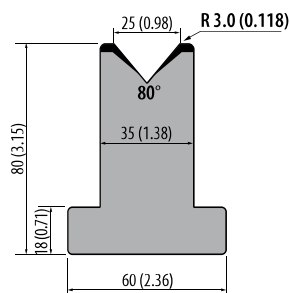
835 mm	32.87 in	13.0 kg
415 mm	16.34 in	6.5 kg
795 mm segmented	31.29 in segmented	12.4 kg
805 mm segmented	31.69 in segmented	12.5 kg

C45: 560-710 N/mm²



T80.25.80

950 kN/m max.



835 mm	32.87 in	20.0 kg
415 mm	16.34 in	10.0 kg
795 mm segmented	31.29 in segmented	19.0 kg
805 mm segmented	31.69 in segmented	19.3 kg

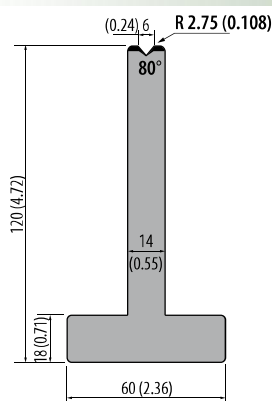
C45: 560-710 N/mm²



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T120.06.80

950 kN/m max.

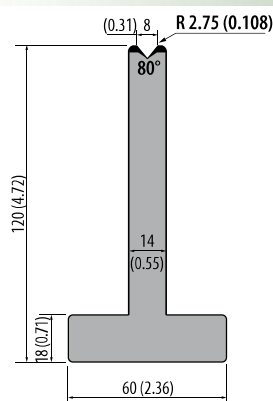


835 mm	32.87 in	18.0 kg
415 mm	16.34 in	9.0 kg
795 mm segmented	31.29 in segmented	17.1 kg
805 mm segmented	31.69 in segmented	17.4 kg

 C45: 560-710 N/mm²


T120.08.80

950 kN/m max.

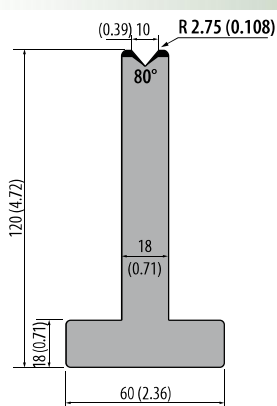


835 mm	32.87 in	18.0 kg
415 mm	16.34 in	9.0 kg
795 mm segmented	31.29 in segmented	17.1 kg
805 mm segmented	31.69 in segmented	17.4 kg

 C45: 560-710 N/mm²


T120.10.80

950 kN/m max.

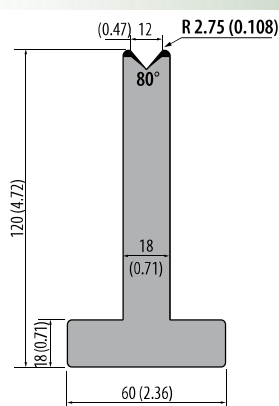


835 mm	32.87 in	18.0 kg
415 mm	16.34 in	9.0 kg
795 mm segmented	31.29 in segmented	17.1 kg
805 mm segmented	31.69 in segmented	17.4 kg

 C45: 560-710 N/mm²


T120.12.80

950 kN/m max.

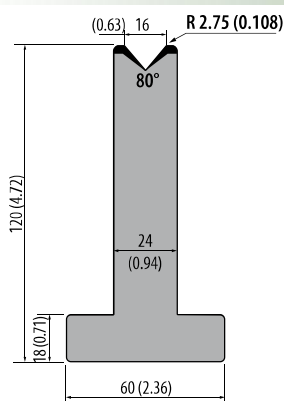


835 mm	32.87 in	18.0 kg
415 mm	16.34 in	9.0 kg
795 mm segmented	31.29 in segmented	17.1 kg
805 mm segmented	31.69 in segmented	17.4 kg

 C45: 560-710 N/mm²


T120.16.80

950 kN/m max.

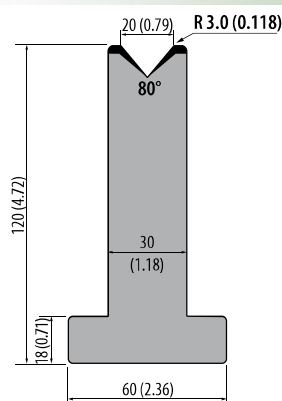


835 mm	32.87 in	18.8 kg
415 mm	16.34 in	9.3 kg
795 mm segmented	31.29 in segmented	17.9 kg
805 mm segmented	31.69 in segmented	18.1 kg

 C45: 560-710 N/mm²


T120.20.80

950 kN/m max.

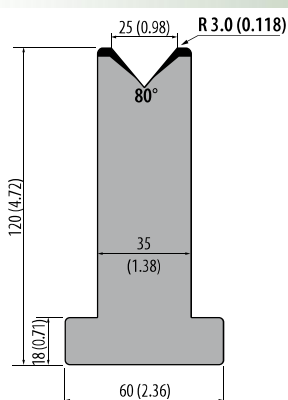


835 mm	32.87 in	26.3 kg
415 mm	16.34 in	13.0 kg
795 mm segmented	31.29 in segmented	25.0 kg
805 mm segmented	31.69 in segmented	25.4 kg

 C45: 560-710 N/mm²


T120.25.80

950 kN/m max.



835 mm	32.87 in	30.0 kg
415 mm	16.34 in	18.0 kg
795 mm segmented	31.29 in segmented	28.6 kg
805 mm segmented	31.69 in segmented	28.9 kg

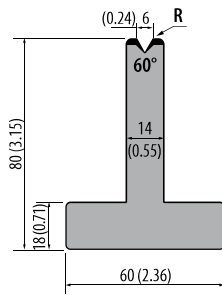
 C45: 560-710 N/mm²


R1 ROLLER TYPE R1

T-Dies 60°, H=80 (3.15)

T80.06.60 / TR80.06.60

600 kN/m max.



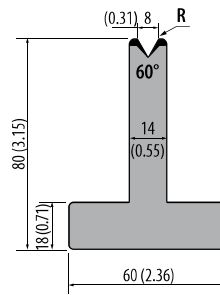
	R=0.5 (0.020)		
	mm	in	kg
T80.06.60	835 mm	32.87 in	13.0 kg
	415 mm	16.34 in	6.5 kg
	795 mm segmented	31.29 in segmented	12.4 kg
	805 mm segmented	31.69 in segmented	12.5 kg
	R=1.5 (0.059)		
	mm	in	kg
TR80.06.60	835 mm	32.87 in	13.0 kg
	415 mm	16.34 in	6.5 kg
	795 mm segmented	31.29 in segmented	12.4 kg
	805 mm segmented	31.69 in segmented	12.5 kg

C45: 560-710 N/mm²



T80.08.60 / TR80.08.60

600 kN/m max.



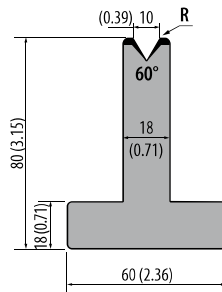
	R=0.8 (0.031)		
	mm	in	kg
T80.08.60	835 mm	32.87 in	13.0 kg
	415 mm	16.34 in	6.5 kg
	795 mm segmented	31.29 in segmented	12.4 kg
	805 mm segmented	31.69 in segmented	12.5 kg
	R=1.5 (0.059)		
	mm	in	kg
TR80.08.60	835 mm	32.87 in	13.0 kg
	415 mm	16.34 in	6.5 kg
	795 mm segmented	31.29 in segmented	12.4 kg
	805 mm segmented	31.69 in segmented	12.5 kg

C45: 560-710 N/mm²



T80.10.60 / TR80.10.60

600 kN/m max.



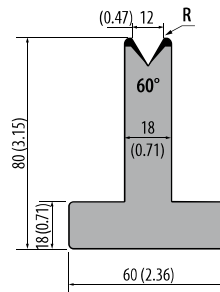
	R=0.8 (0.031)		
	mm	in	kg
T80.10.60	835 mm	32.87 in	17.0 kg
	415 mm	16.34 in	7.0 kg
	795 mm segmented	31.29 in segmented	16.2 kg
	805 mm segmented	31.69 in segmented	16.4 kg
	R=2.75 (0.108)		
	mm	in	kg
TR80.10.60	835 mm	32.87 in	15.0 kg
	415 mm	16.34 in	7.5 kg
	795 mm segmented	31.29 in segmented	14.3 kg
	805 mm segmented	31.69 in segmented	14.5 kg

C45: 560-710 N/mm²



T80.12.60 / TR80.12.60

600 kN/m max.



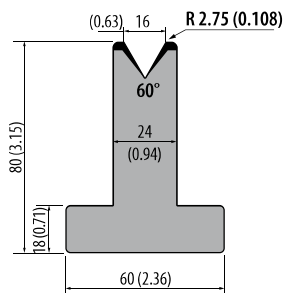
	R=0.8 (0.031)		
	mm	in	kg
T80.12.60	835 mm	32.87 in	17.0 kg
	415 mm	16.34 in	7.0 kg
	795 mm segmented	31.29 in segmented	16.2 kg
	805 mm segmented	31.69 in segmented	16.4 kg
	R=2.75 (0.108)		
	mm	in	kg
TR80.12.60	835 mm	32.87 in	15.0 kg
	415 mm	16.34 in	7.5 kg
	795 mm segmented	31.29 in segmented	14.3 kg
	805 mm segmented	31.69 in segmented	14.5 kg

C45: 560-710 N/mm²



T80.16.60

600 kN/m max.



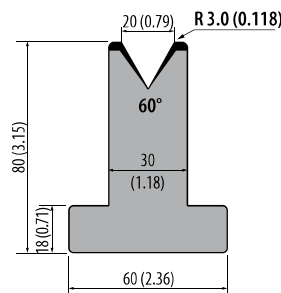
	835 mm	32.87 in	15.6 kg
	415 mm	16.34 in	8.7 kg
	795 mm segmented	31.29 in segmented	14.8 kg
	805 mm segmented	31.69 in segmented	15.0 kg

C45: 560-710 N/mm²



T80.20.60

600 kN/m max.



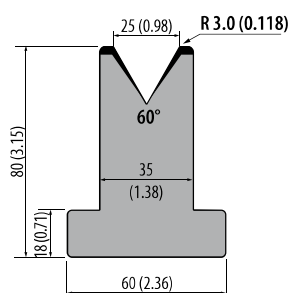
	835 mm	32.87 in	18.0 kg
	415 mm	16.34 in	9.5 kg
	795 mm segmented	31.29 in segmented	17.1 kg
	805 mm segmented	31.69 in segmented	17.4 kg

C45: 560-710 N/mm²



T80.25.60

600 kN/m max.



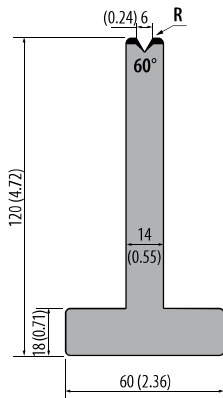
	835 mm	32.87 in	19.5 kg
	415 mm	16.34 in	10.0 kg
	795 mm segmented	31.29 in segmented	18.6 kg
	805 mm segmented	31.69 in segmented	18.8 kg

C45: 560-710 N/mm²



T120.06.60 / TR120.06.60

600 kN/m max.



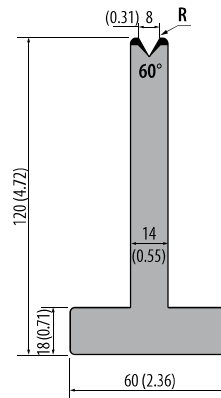
	R=0.5 (0.020)		
T120.06.60	835 mm	32.87 in	16.0 kg
	415 mm	16.34 in	8.0 kg
	795 mm segmented	31.29 in segmented	15.2 kg
	805 mm segmented	31.69 in segmented	15.4 kg
	R=1.5 (0.059)		
TR120.06.60	835 mm	32.87 in	16.0 kg
	415 mm	16.34 in	8.0 kg
	795 mm segmented	31.29 in segmented	15.2 kg
	805 mm segmented	31.69 in segmented	15.4 kg

C45: 560-710 N/mm²



T120.08.60 / TR120.08.60

600 kN/m max.



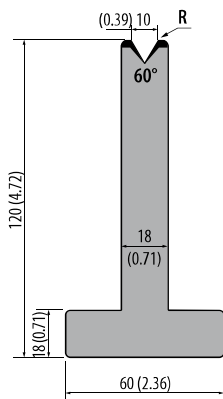
	R=0.8 (0.031)		
T120.08.60	835 mm	32.87 in	16.0 kg
	415 mm	16.34 in	8.0 kg
	795 mm segmented	31.29 in segmented	15.2 kg
	805 mm segmented	31.69 in segmented	15.4 kg
	R=1.5 (0.059)		
TR120.08.60	835 mm	32.87 in	16.0 kg
	415 mm	16.34 in	8.0 kg
	795 mm segmented	31.29 in segmented	15.2 kg
	805 mm segmented	31.69 in segmented	15.4 kg

C45: 560-710 N/mm²



T120.10.60 / TR120.10.60

600 kN/m max.



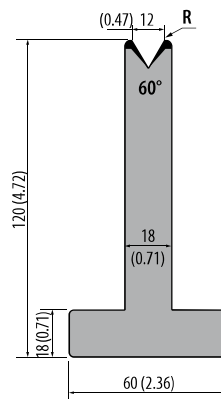
	R=0.8 (0.031)		
T120.10.60	835 mm	32.87 in	18.0 kg
	415 mm	16.34 in	9.0 kg
	795 mm segmented	31.29 in segmented	17.1 kg
	805 mm segmented	31.69 in segmented	17.4 kg
	R=2.75 (0.108)		
TR120.10.60	835 mm	32.87 in	18.0 kg
	415 mm	16.34 in	9.0 kg
	795 mm segmented	31.29 in segmented	17.1 kg
	805 mm segmented	31.69 in segmented	17.4 kg

C45: 560-710 N/mm²



T120.12.60 / TR120.12.60

600 kN/m max.



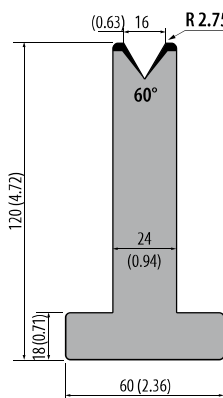
	R=0.8 (0.031)		
T120.12.60	835 mm	32.87 in	18.0 kg
	415 mm	16.34 in	9.0 kg
	795 mm segmented	31.29 in segmented	17.1 kg
	805 mm segmented	31.69 in segmented	17.4 kg
	R=2.75 (0.108)		
TR120.12.60	835 mm	32.87 in	18.0 kg
	415 mm	16.34 in	9.0 kg
	795 mm segmented	31.29 in segmented	17.1 kg
	805 mm segmented	31.69 in segmented	17.4 kg

C45: 560-710 N/mm²



T120.16.60

600 kN/m max.



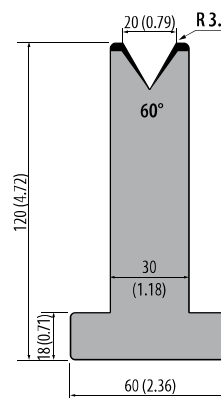
	R 2.75 (0.108)		
	835 mm	32.87 in	22.4 kg
	415 mm	16.34 in	11.1 kg
	795 mm segmented	31.29 in segmented	21.3 kg
	805 mm segmented	31.69 in segmented	21.6 kg

C45: 560-710 N/mm²



T120.20.60

600 kN/m max.



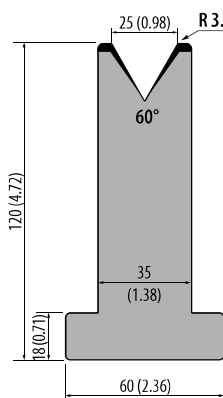
	R 3.0 (0.118)		
	835 mm	32.87 in	26.0 kg
	415 mm	16.34 in	13.0 kg
	795 mm segmented	31.29 in segmented	24.8 kg
	805 mm segmented	31.69 in segmented	25.0 kg

C45: 560-710 N/mm²



T120.25.60

600 kN/m max.



	R 3.0 (0.118)		
	835 mm	32.87 in	28.5 kg
	415 mm	16.34 in	15.0 kg
	795 mm segmented	31.29 in segmented	27.1 kg
	805 mm segmented	31.69 in segmented	27.5 kg

C45: 560-710 N/mm²



For modifications
on dies
see pages 262-265



Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



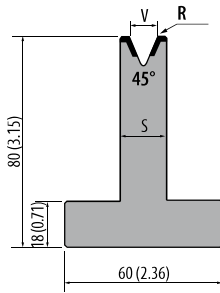
Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

T-Dies 45°, H=80 (3.15), H=120 (4.72)

T-Dies 45°, H=80 mm (3.15 in)

500 kN/m max.



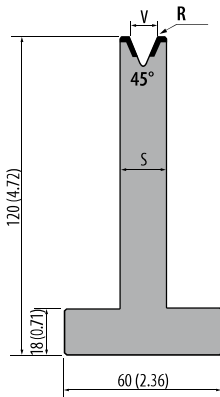
Model	V (mm)	V (in)	R (mm)	R (in)	S (mm)	S (in)	Weight	Weight	Weight	Weight
T80.06.45	6	0.24	0.8	0.03	14	0.55	13.0 kg	6.5 kg	12.4 kg	12.5 kg
T80.08.45	8	0.31	1.0	0.04	18	0.71	15.0 kg	7.5 kg	14.3 kg	14.5 kg
T80.10.45	10	0.39	1.2	0.05	18	0.71	14.0 kg	7.0 kg	13.3 kg	13.5 kg
T80.12.45	12	0.47	1.6	0.06	24	0.94	16.3 kg	8.1 kg	15.5 kg	15.7 kg
T80.16.45	16	0.63	2.75	0.11	26	1.02	16.6 kg	8.3 kg	15.8 kg	16.0 kg
T80.20.45	20	0.79	3.0	0.12	30	1.18	18.0 kg	9.0 kg	17.1 kg	17.3 kg
T80.25.45	25	0.98	3.0	0.12	37	1.46	20.0 kg	10.0 kg	19.0 kg	19.3 kg

C45: 560-710 N/mm²



T-Dies 45°, H=120 mm (4.72 in)

500 kN/m max.



Model	V (mm)	V (in)	R (mm)	R (in)	S (mm)	S (in)	Weight	Weight	Weight	Weight
T120.06.45	6	0.24	0.8	0.03	14	0.55	16.0 kg	8.0 kg	15.2 kg	15.4 kg
T120.08.45	8	0.31	1.0	0.04	18	0.71	18.0 kg	9.0 kg	17.1 kg	17.3 kg
T120.10.45	10	0.39	1.2	0.05	18	0.71	18.0 kg	9.0 kg	17.1 kg	17.3 kg
T120.12.45	12	0.47	1.6	0.06	24	0.94	18.0 kg	9.0 kg	17.1 kg	17.3 kg
T120.16.45	16	0.63	2.75	0.11	26	1.02	25.0 kg	12.5 kg	23.8 kg	24.1 kg
T120.20.45	20	0.79	3.0	0.12	30	1.18	26.0 kg	13.5 kg	24.8 kg	25.0 kg
T120.25.45	20	0.79	3.0	0.12	37	1.46	30.0 kg	15.0 kg	28.6 kg	28.9 kg

C45: 560-710 N/mm²



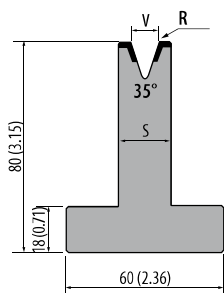
R1 ROLLERI TYPE R1

T-Dies 35°, H=80 (3.15), H=120 (4.72)



2
R1

T-Dies 35°, H=80 mm (3.15 in)

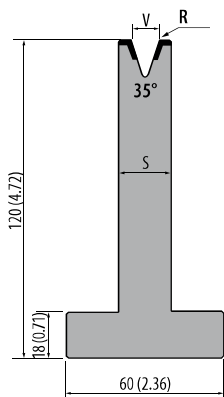


Model	V (mm)	V (in)	R (mm)	R (in)	S (mm)	S (in)	kN/m max.	Weight	Weight	Weight	Weight
T80.06.35	6	0.24	0.8	0.03	14	0.55	350	12.5 kg	6.5 kg	11.9 kg	12.0 kg
T80.08.35	8	0.31	1.0	0.04	16	0.63	350	13.0 kg	7.0 kg	12.4 kg	12.6 kg
T80.10.35	10	0.39	1.2	0.05	20	0.79	400	15.0 kg	7.5 kg	14.3 kg	14.5 kg
T80.12.35	12	0.47	1.6	0.06	22	0.87	400	15.5 kg	8.0 kg	14.8 kg	15.0 kg
T80.16.35	16	0.63	3.0	0.12	30	1.18	450	18.0 kg	8.5 kg	17.1 kg	17.3 kg
T80.20.35	20	0.79	3.0	0.12	35	1.38	500	19.3 kg	9.0 kg	18.4 kg	18.6 kg
T80.25.35	25	0.98	3.0	0.12	40	1.57	500	20.0 kg	9.9 kg	19.0 kg	19.3 kg

C45: 560-710 N/mm²



T-Dies 35°, H=120 mm (4.72 in)



Model	V (mm)	V (in)	R (mm)	R (in)	S (mm)	S (in)	kN/m max.	Weight	Weight	Weight	Weight
T120.06.35	6	0.24	0.8	0.03	14	0.55	350	16.0 kg	8.0 kg	15.2 kg	15.4 kg
T120.08.35	8	0.31	1.0	0.04	16	0.63	350	18.0 kg	9.0 kg	17.1 kg	17.3 kg
T120.10.35	10	0.39	1.2	0.05	20	0.79	400	19.9 kg	8.5 kg	18.9 kg	19.1 kg
T120.12.35	12	0.47	1.6	0.06	22	0.87	400	21.0 kg	10.0 kg	20.0 kg	20.2 kg
T120.16.35	16	0.63	3.0	0.12	30	1.18	450	25.8 kg	12.8 kg	24.6 kg	24.8 kg
T120.20.35	20	0.79	3.0	0.12	35	1.38	500	28.0 kg	14.0 kg	26.7 kg	27.0 kg
T120.25.35	25	0.98	3.0	0.12	40	1.57	500	30.5 kg	15.2 kg	29.0 kg	29.4 kg

C45: 560-710 N/mm²



Article on stock



Please ask for delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



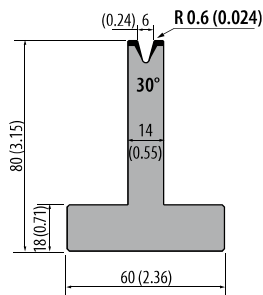
Articles on stock – Please note that delivery time depends on your location.

R1 ROLLER TYPE R1

T-Dies 30°, H=80 (3.15)

T80.06.30

350 kN/m max.



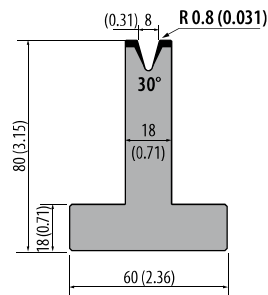
835 mm	32.87 in	12.4 kg
415 mm	16.34 in	6.5 kg
795 mm segmented	31.29 in segmented	11.8 kg
805 mm segmented	31.69 in segmented	12.0 kg

C45: 560-710 N/mm²



T80.08.30

350 kN/m max.



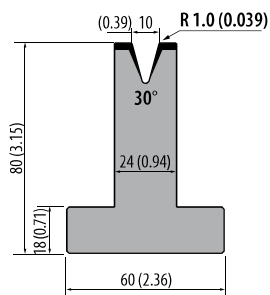
835 mm	32.87 in	13.0 kg
415 mm	16.34 in	6.5 kg
795 mm segmented	31.29 in segmented	12.4 kg
805 mm segmented	31.69 in segmented	12.6 kg

C45: 560-710 N/mm²



T80.10.30

500 kN/m max.



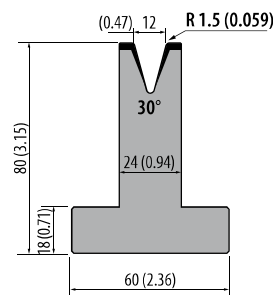
835 mm	32.87 in	16.0 kg
415 mm	16.34 in	8.0 kg
795 mm segmented	31.29 in segmented	15.2 kg
805 mm segmented	31.69 in segmented	15.4 kg

C45: 560-710 N/mm²



T80.12.30

400 kN/m max.



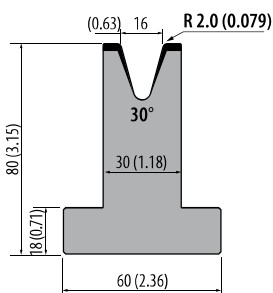
835 mm	32.87 in	16.0 kg
415 mm	16.34 in	8.0 kg
795 mm segmented	31.29 in segmented	15.2 kg
805 mm segmented	31.69 in segmented	15.4 kg

C45: 560-710 N/mm²



T80.16.30

450 kN/m max.



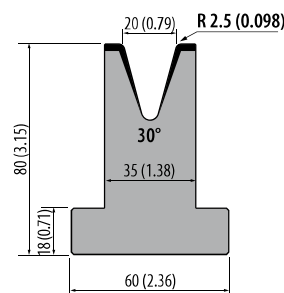
835 mm	32.87 in	18.0 kg
415 mm	16.34 in	8.9 kg
795 mm segmented	31.29 in segmented	17.1 kg
805 mm segmented	31.69 in segmented	17.3 kg

C45: 560-710 N/mm²



T80.20.30

500 kN/m max.



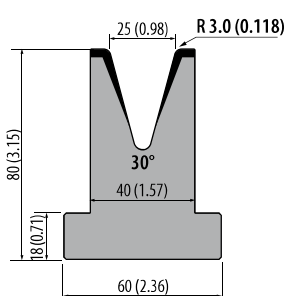
835 mm	32.87 in	18.0 kg
415 mm	16.34 in	8.9 kg
795 mm segmented	31.29 in segmented	17.1 kg
805 mm segmented	31.69 in segmented	17.3 kg

C45: 560-710 N/mm²



T80.25.30

500 kN/m max.



835 mm	32.87 in	20.0 kg
415 mm	16.34 in	10.0 kg
795 mm segmented	31.29 in segmented	19.0 kg
805 mm segmented	31.69 in segmented	19.3 kg

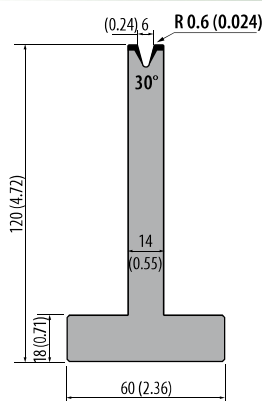
C45: 560-710 N/mm²



Articles on stock – Please note that delivery time varies according to your location.

T120.06.30

350 kN/m max.



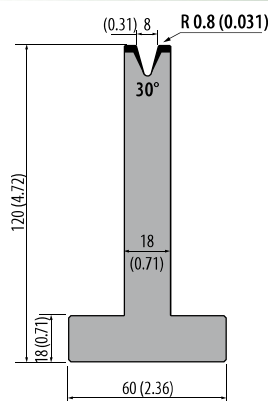
835 mm	32.87 in	16.0 kg
415 mm	16.34 in	8.0 kg
795 mm segmented	31.29 in segmented	15.2 kg
805 mm segmented	31.69 in segmented	15.4 kg

C45: 560-710 N/mm²



T120.08.30

350 kN/m max.



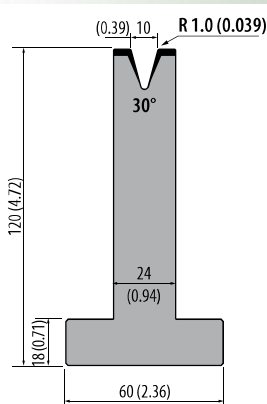
835 mm	32.87 in	19.0 kg
415 mm	16.34 in	9.5 kg
795 mm segmented	31.29 in segmented	18.1 kg
805 mm segmented	31.69 in segmented	18.3 kg

C45: 560-710 N/mm²



T120.10.30

500 kN/m max.



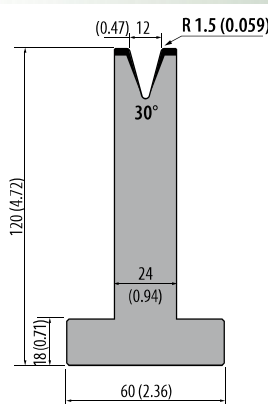
835 mm	32.87 in	22.0 kg
415 mm	16.34 in	10.9 kg
795 mm segmented	31.29 in segmented	20.9 kg
805 mm segmented	31.69 in segmented	21.2 kg

C45: 560-710 N/mm²



T120.12.30

400 kN/m max.



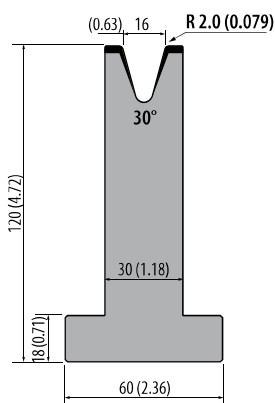
835 mm	32.87 in	22.0 kg
415 mm	16.34 in	10.0 kg
795 mm segmented	31.29 in segmented	20.9 kg
805 mm segmented	31.69 in segmented	21.2 kg

C45: 560-710 N/mm²



T120.16.30

450 kN/m max.



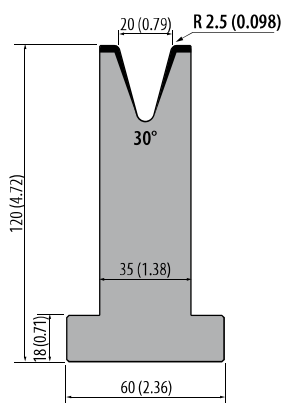
835 mm	32.87 in	25.8 kg
415 mm	16.34 in	12.8 kg
795 mm segmented	31.29 in segmented	24.6 kg
805 mm segmented	31.69 in segmented	24.9 kg

C45: 560-710 N/mm²



T120.20.30

500 kN/m max.



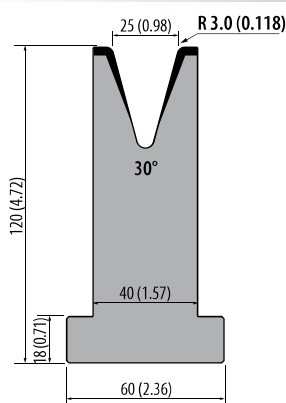
835 mm	32.87 in	28.0 kg
415 mm	16.34 in	14.0 kg
795 mm segmented	31.29 in segmented	26.7 kg
805 mm segmented	31.69 in segmented	27.0 kg

C45: 560-710 N/mm²



T120.25.30

500 kN/m max.



835 mm	32.87 in	30.5 kg
415 mm	16.34 in	15.0 kg
795 mm segmented	31.29 in segmented	29.0 kg
805 mm segmented	31.69 in segmented	29.4 kg

C45: 560-710 N/mm²



Article on stock



Please ask for delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



Articles on stock – Please note that delivery time depends on your location.

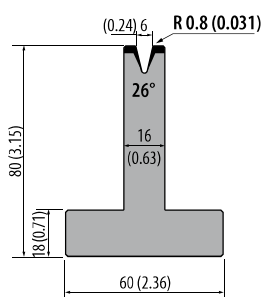
R1 ROLLER TYPE R1

T-Dies 26°, H=80 (3.15)



T80.06.26

200 kN/m max.



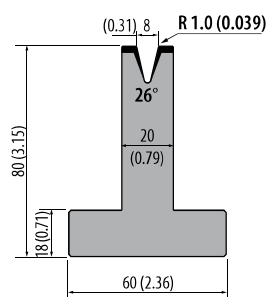
835 mm	32.87 in	14.0 kg
415 mm	16.34 in	7.0 kg
795 mm segmented	31.29 in segmented	13.3 kg
805 mm segmented	31.69 in segmented	13.5 kg

C45: 560-710 N/mm²



T80.08.26

200 kN/m max.



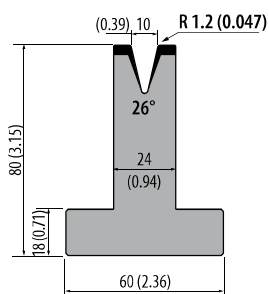
835 mm	32.87 in	15.0 kg
415 mm	16.34 in	7.5 kg
795 mm segmented	31.29 in segmented	14.3 kg
805 mm segmented	31.69 in segmented	14.5 kg

C45: 560-710 N/mm²



T80.10.26

200 kN/m max.



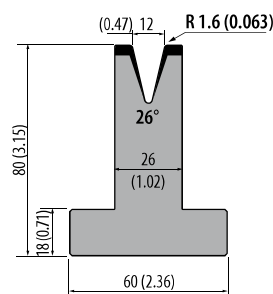
835 mm	32.87 in	15.5 kg
415 mm	16.34 in	8.0 kg
795 mm segmented	31.29 in segmented	14.8 kg
805 mm segmented	31.69 in segmented	14.9 kg

C45: 560-710 N/mm²



T80.12.26

200 kN/m max.



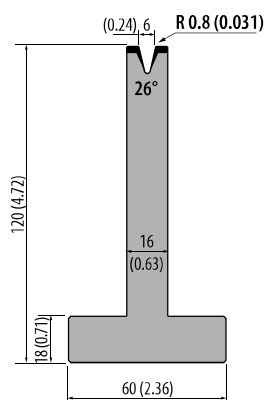
835 mm	32.87 in	16.6 kg
415 mm	16.34 in	7.5 kg
795 mm segmented	31.29 in segmented	15.8 kg
805 mm segmented	31.69 in segmented	16.0 kg

C45: 560-710 N/mm²



T120.06.26

200 kN/m max.

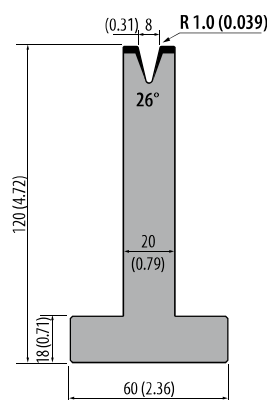


835 mm	32.87 in	18.0 kg
415 mm	16.34 in	9.0 kg
795 mm segmented	31.29 in segmented	17.1 kg
805 mm segmented	31.69 in segmented	17.3 kg

 C45: 560-710 N/mm²


T120.08.26

200 kN/m max.

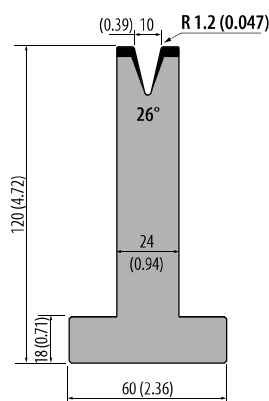


835 mm	32.87 in	19.0 kg
415 mm	16.34 in	9.5 kg
795 mm segmented	31.29 in segmented	18.1 kg
805 mm segmented	31.69 in segmented	18.3 kg

 C45: 560-710 N/mm²


T120.10.26

200 kN/m max.

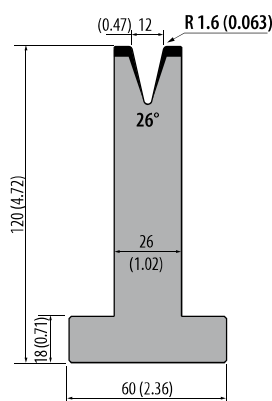


835 mm	32.87 in	22.0 kg
415 mm	16.34 in	11.0 kg
795 mm segmented	31.29 in segmented	20.9 kg
805 mm segmented	31.69 in segmented	21.2 kg

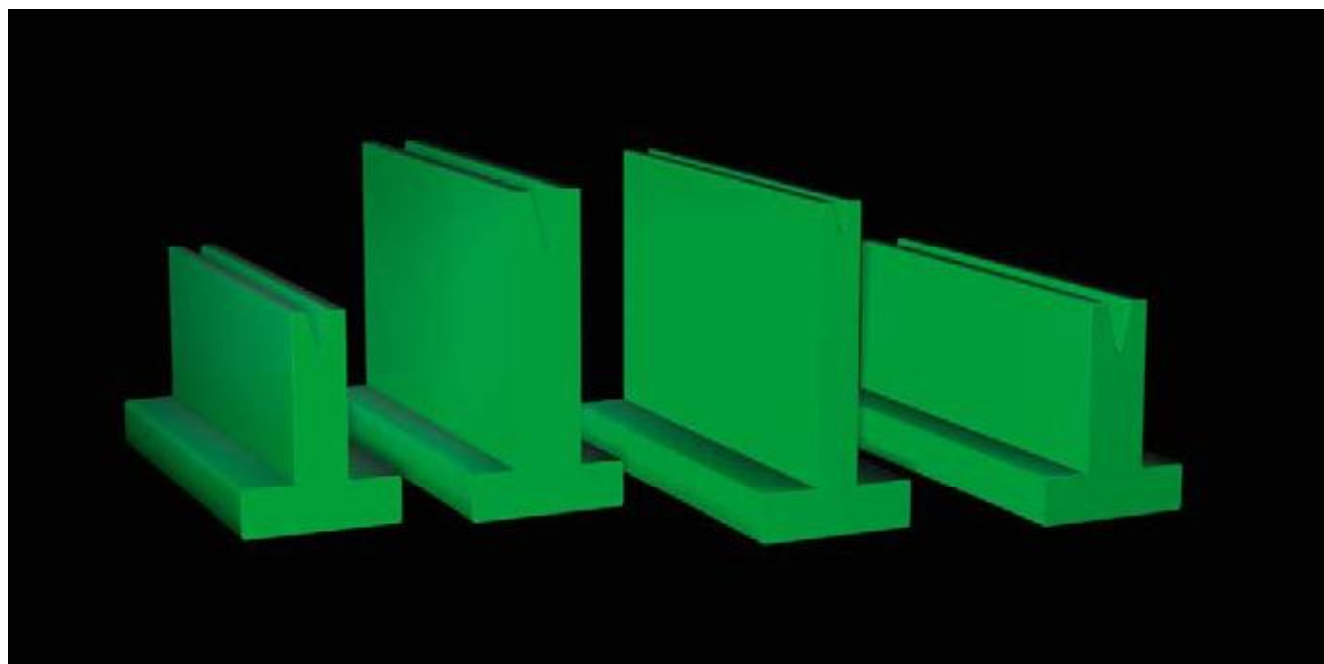
 C45: 560-710 N/mm²


T120.12.26

200 kN/m max.



835 mm	32.87 in	22.0 kg
415 mm	16.34 in	11.0 kg
795 mm segmented	31.29 in segmented	20.9 kg
805 mm segmented	31.69 in segmented	21.2 kg

 C45: 560-710 N/mm²

 Article
on stock

 Please ask for
delivery time!

 1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
 100 mm = 3.94 Inch (in) = 0.33 Feet (ft)

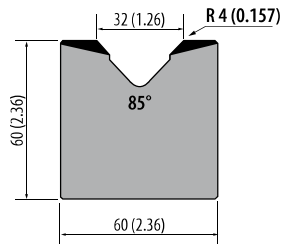
 Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

1-V Dies, 85°

M60.85.32

1000 kN/m max.



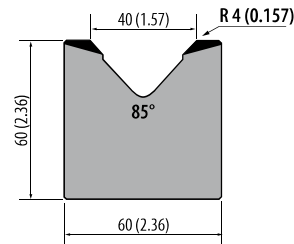
835 mm	32.87 in	21.6 kg
415 mm	16.34 in	10.7 kg
795 mm segmented	31.29 in segmented	20.6 kg
805 mm segmented	31.69 in segmented	20.8 kg

C45: 560-710 N/mm²



M60.85.40

1000 kN/m max.



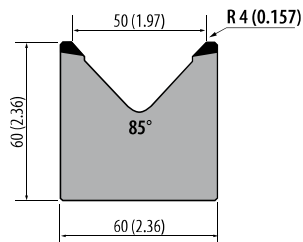
835 mm	32.87 in	20.0 kg
415 mm	16.34 in	10.5 kg
795 mm segmented	31.29 in segmented	19.0 kg
805 mm segmented	31.69 in segmented	19.3 kg

C45: 560-710 N/mm²



M60.85.50

1000 kN/m max.



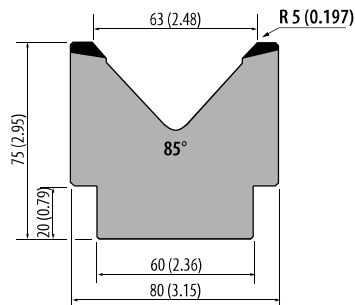
835 mm	32.87 in	19.0 kg
415 mm	16.34 in	9.5 kg
795 mm segmented	31.29 in segmented	18.1 kg
805 mm segmented	31.69 in segmented	18.3 kg

C45: 560-710 N/mm²



M75.85.63

1000 kN/m max.



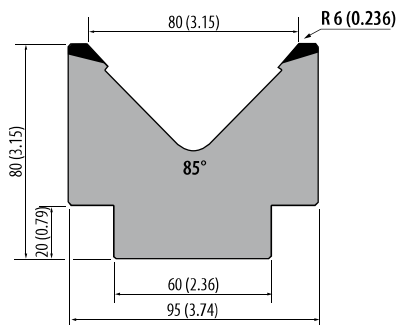
835 mm	32.87 in	29.2 kg
415 mm	16.34 in	14.5 kg
795 mm segmented	31.29 in segmented	27.8 kg
805 mm segmented	31.69 in segmented	28.0 kg

C45: 560-710 N/mm²



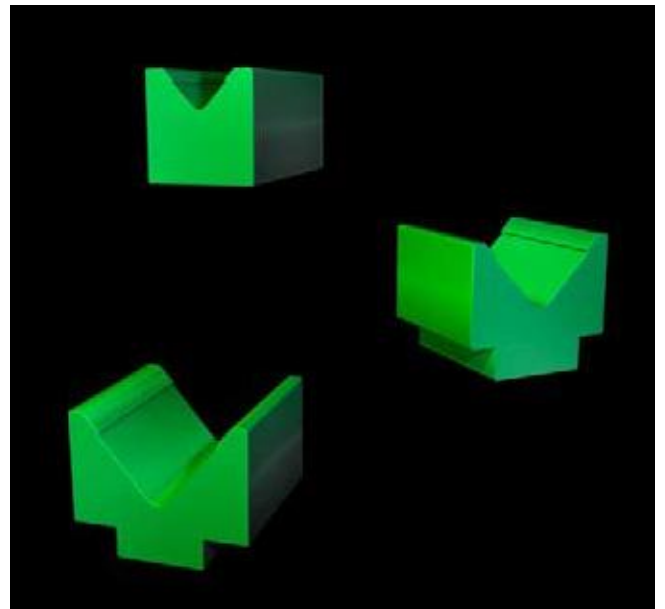
M80.85.80

1000 kN/m max.



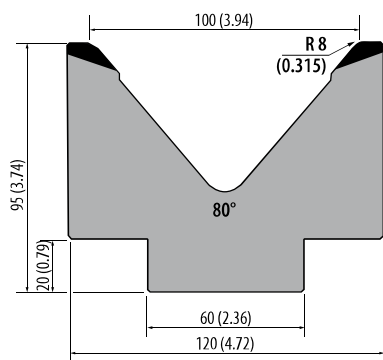
835 mm	32.87 in	33.5 kg
415 mm	16.34 in	16.6 kg
795 mm segmented	31.29 in segmented	31.9 kg
805 mm segmented	31.69 in segmented	32.2 kg

C45: 560-710 N/mm²



M95.80.100

1000 kN/m max.



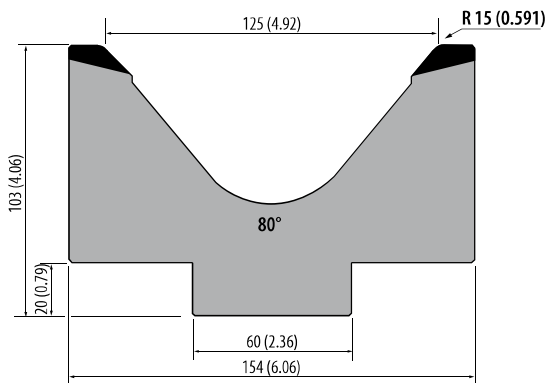
835 mm	32.87 in	46.2 kg
415 mm	16.34 in	22.9 kg
795 mm segmented	31.29 in segmented	44.0 kg
805 mm segmented	31.69 in segmented	44.5 kg

C45: 560-710 N/mm²


 2
R1

MK103.80.125

700 kN/m max.



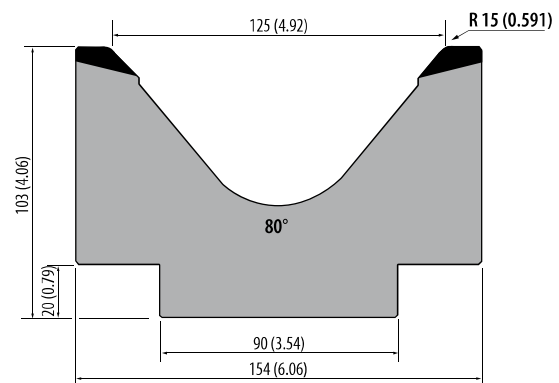
835 mm	32.87 in	62.0 kg
415 mm	16.34 in	31.0 kg
795 mm segmented	31.29 in segmented	59.0 kg
805 mm segmented	31.69 in segmented	59.8 kg



C45: 560-710 N/mm²

M103.80.125

1000 kN/m max.



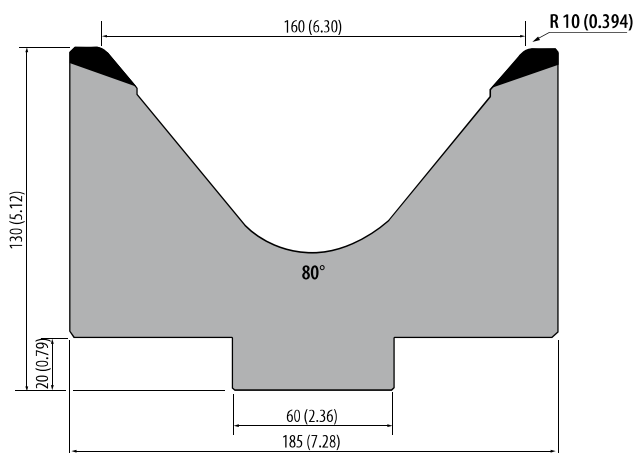
835 mm	32.87 in	64.9 kg
415 mm	16.34 in	32.2 kg
795 mm segmented	31.29 in segmented	61.4 kg
805 mm segmented	31.69 in segmented	62.5 kg



C45: 560-710 N/mm²

MK130.80.160

700 kN/m max.



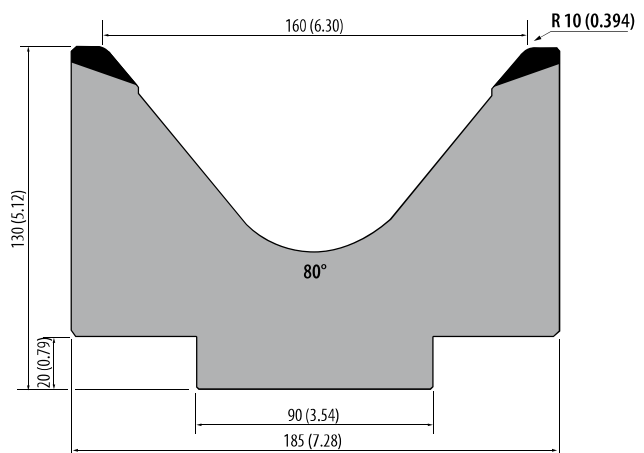
835 mm	32.87 in	93.0 kg
415 mm	16.34 in	46.5 kg
795 mm segmented	31.29 in segmented	88.5 kg
805 mm segmented	31.69 in segmented	89.7 kg



C45: 560-710 N/mm²

M130.80.160

1000 kN/m max.



835 mm	32.87 in	93.0 kg
415 mm	16.34 in	46.2 kg
795 mm segmented	31.29 in segmented	88.5 kg
805 mm segmented	31.69 in segmented	89.7 kg



C45: 560-710 N/mm²


 Article
on stock

 Please ask for
delivery time!

 1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
 100 mm = 3.94 Inch (in) = 0.33 Feet (ft)

 Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

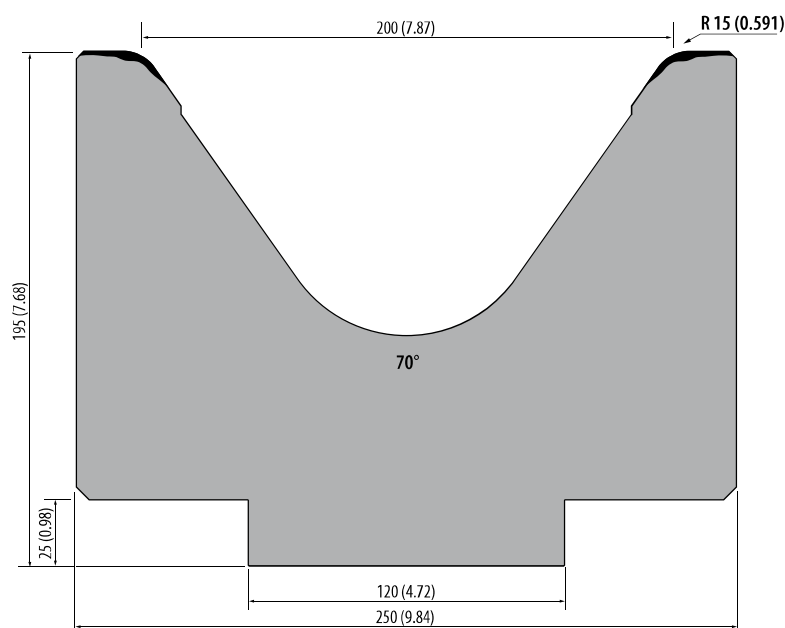
1-V Dies, 70°

M195.70.200

1800 kN/m max.

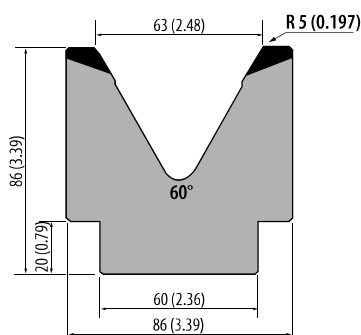
415 mm 16.34 in 104.0 kg

42Cr: 900-1150 N/mm²



M86.60.63

1000 kN/m max.



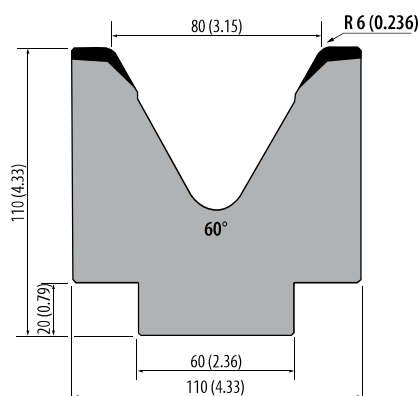
835 mm	32.87 in	34.0 kg
415 mm	16.34 in	17.0 kg
795 mm segmented	31.29 in segmented	32.4 kg
805 mm segmented	31.69 in segmented	32.8 kg

C45: 560-710 N/mm²



M110.60.80

1000 kN/m max.



835 mm	32.87 in	53.0 kg
415 mm	16.34 in	26.5 kg
795 mm segmented	31.29 in segmented	50.5 kg
805 mm segmented	31.69 in segmented	51.1 kg

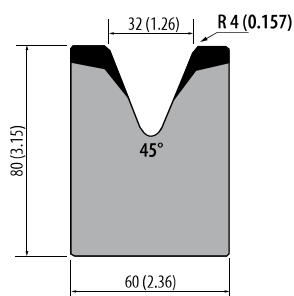
C45: 560-710 N/mm²



1-V Dies, 45°

M80.45.32

1000 kN/m max.



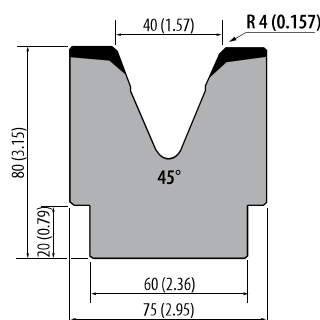
835 mm	32.87 in	27.5 kg
415 mm	16.34 in	13.7 kg
795 mm segmented	31.29 in segmented	26.2 kg
805 mm segmented	31.69 in segmented	26.5 kg

C45: 560-710 N/mm²



M80.45.40

1000 kN/m max.



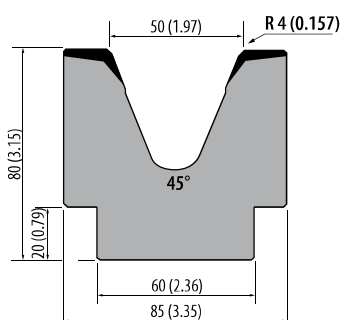
835 mm	32.87 in	30.9 kg
415 mm	16.34 in	16.5 kg
795 mm segmented	31.29 in segmented	29.4 kg
805 mm segmented	31.69 in segmented	29.8 kg

C45: 560-710 N/mm²



M80.45.50

950 kN/m max.



835 mm	32.87 in	31.0 kg
415 mm	16.34 in	15.5 kg
795 mm segmented	31.29 in segmented	29.5 kg
805 mm segmented	31.69 in segmented	29.9 kg

C45: 560-710 N/mm²



For the application of
dies Rolleri Type R1
use the adapters on
pages 226-229


 Article
on stock

 Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



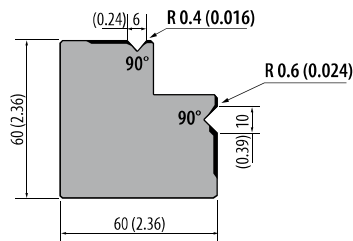
Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

Multi-V Dies

M60.90.01

1000 kN/m max.



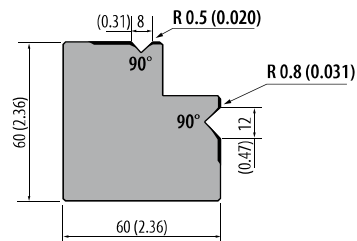
835 mm	32.87 in	20.0 kg
415 mm	16.34 in	10.0 kg
795 mm segmented	31.29 in segmented	19.0 kg
805 mm segmented	31.69 in segmented	19.3 kg

C45: 560-710 N/mm²



M60.90.02

800 kN/m max.



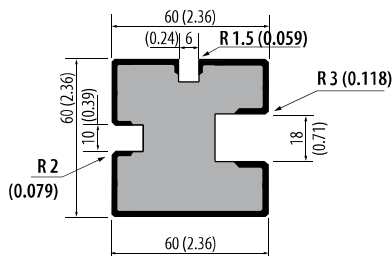
835 mm	32.87 in	21.0 kg
415 mm	16.34 in	10.0 kg
795 mm segmented	31.29 in segmented	20.0 kg
805 mm segmented	31.69 in segmented	20.2 kg

C45: 560-710 N/mm²



M.360.R

1000 kN/m max.



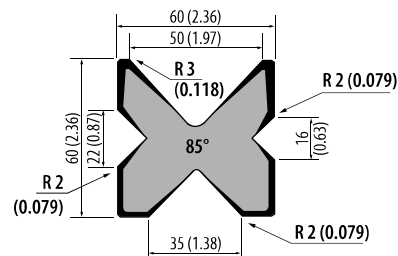
835 mm	32.87 in	20.0 kg
415 mm	16.34 in	10.0 kg
795 mm segmented	31.29 in segmented	19.0 kg
805 mm segmented	31.69 in segmented	19.3 kg

C45: 560-710 N/mm²



M.460.R

800 kN/m max.



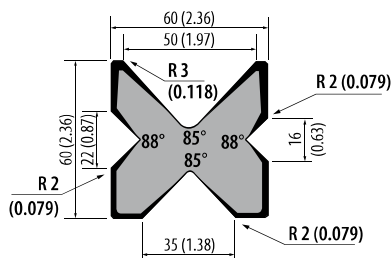
835 mm	32.87 in	15.7 kg
415 mm	16.34 in	7.7 kg
795 mm segmented	31.29 in segmented	14.9 kg
805 mm segmented	31.69 in segmented	15.1 kg

C45: 560-710 N/mm²



M.460

800 kN/m max.



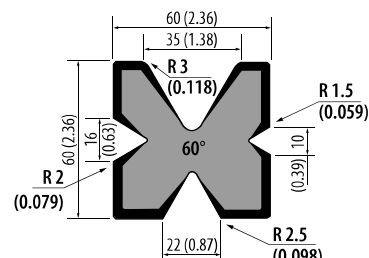
835 mm	32.87 in	15.8 kg
415 mm	16.34 in	7.8 kg
795 mm segmented	31.29 in segmented	15.0 kg
805 mm segmented	31.69 in segmented	15.2 kg

C45: 560-710 N/mm²



M.460.60

600 kN/m max.



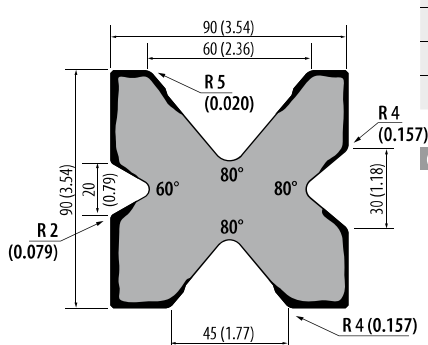
835 mm	32.87 in	18.0 kg
415 mm	16.34 in	9.0 kg
795 mm segmented	31.29 in segmented	17.1 kg
805 mm segmented	31.69 in segmented	17.3 kg

C45: 560-710 N/mm²



M.490

1000 kN/m max.



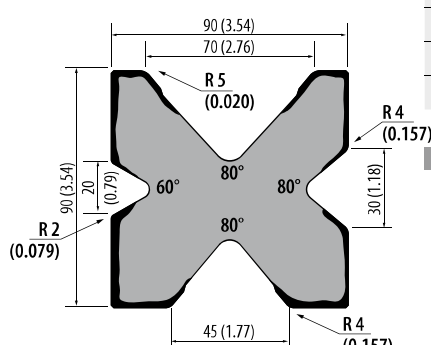
835 mm	32.87 in	38.9 kg
415 mm	16.34 in	20.0 kg
795 mm segmented	31.29 in segmented	37.0 kg
805 mm segmented	31.69 in segmented	37.5 kg

C45: 560-710 N/mm²



M.490.70

600 kN/m max.



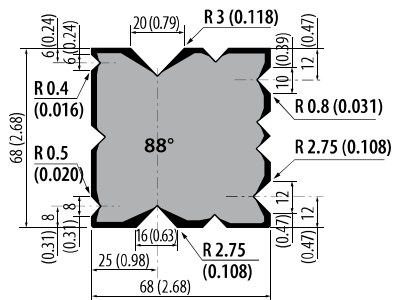
835 mm	32.87 in	35.9 kg
415 mm	16.34 in	18.0 kg
795 mm segmented	31.29 in segmented	34.2 kg
805 mm segmented	31.69 in segmented	34.6 kg

C45: 560-710 N/mm²



T70-88

1000 kN/m max.

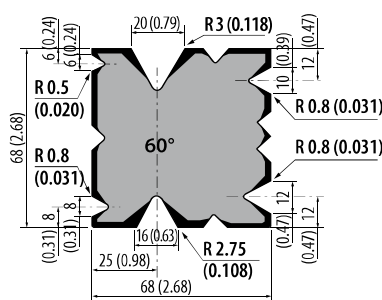


525 mm	20.67 in	17.5 kg
495 mm segmented	19.49 in segmented	16.5 kg

42Cr: 900-1150 N/mm²



T70-60



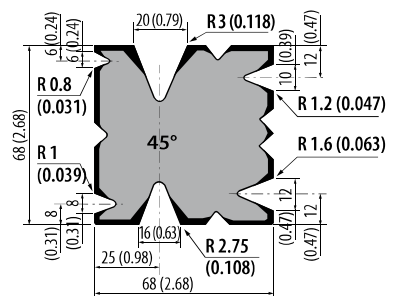
525 mm	20.67 in	16.8 kg
495 mm segmented	19.49 in segmented	15.8 kg

42Cr: 900-1150 N/mm²



V (mm)	6	8	10	12	16	20
V (in)	0.24	0.31	0.39	0.47	0.63	0.79
kN/m max.	600	600	600	600	800	800

T70-45



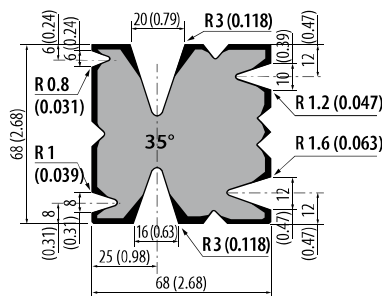
525 mm	20.67 in	16.1 kg
495 mm segmented	19.49 in segmented	15.2 kg

42Cr: 900-1150 N/mm²



V (mm)	6	8	10	12	16	20
V (in)	0.24	0.31	0.39	0.47	0.63	0.79
kN/m max.	400	400	500	500	700	700

T70-35



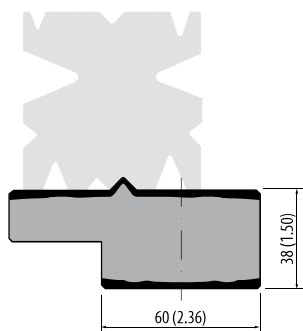
525 mm	20.67 in	15.3 kg
495 mm segmented	19.49 in segmented	14.4 kg

42Cr: 900-1150 N/mm²



V (mm)	6	8	10	12	16	20
V (in)	0.24	0.31	0.39	0.47	0.63	0.79
kN/m max.	300	350	450	450	500	500

SU-T70

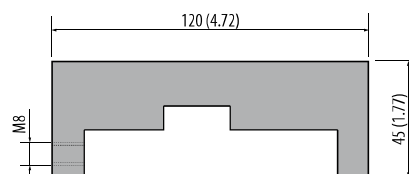


525 mm	20.67 in	12.4 kg
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C45: 560-710 N/mm²



PB-T70



20 mm	0.79 in	0.2 kg
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per pair

Fe37



Special Punches
and Dies
see pages 244-253



Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



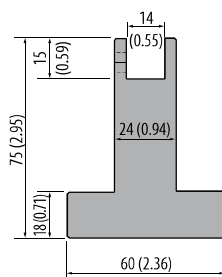
Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

Synthetic Dies

TN80.14

1000 kN/m max.



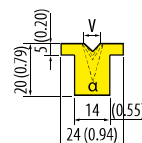
835 mm	32.87 in	15.0 kg
415 mm	16.34 in	7.5 kg

C45: 560-710 N/mm²



INS14...

200 kN/m max.



835 mm	32.87 in	0.30 kg
415 mm	16.34 in	0.15 kg

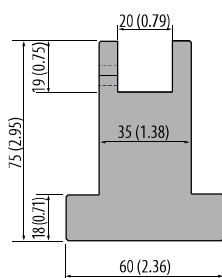


Model	α	V (mm)	V (in)
INS14.06.88	88°	6	0.24
INS14.08.88	88°	8	0.31
INS14.10.88	88°	10	0.39
INS14.06.60	60°	6	0.24
INS14.08.60	60°	8	0.31
INS14.10.60	60°	10	0.39

Model	α	V (mm)	V (in)
INS14.06.45	45°	6	0.24
INS14.08.45	45°	8	0.31
INS14.10.45	45°	10	0.39
INS14.06.30	30°	6	0.24
INS14.08.30	30°	8	0.31

TN80.20

1000 kN/m max.



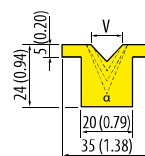
835 mm	32.87 in	19.0 kg
415 mm	16.34 in	9.5 kg

C45: 560-710 N/mm²



INS20...

200 kN/m max.



835 mm	32.87 in	0.40 kg
415 mm	16.34 in	0.20 kg

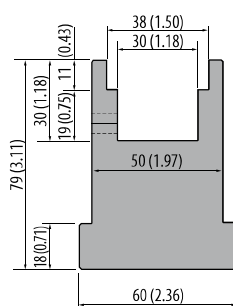


Model	α	V (mm)	V (in)
INS20.06.88	88°	6	0.24
INS20.08.88	88°	8	0.31
INS20.10.88	88°	10	0.39
INS20.12.88	88°	12	0.47
INS20.16.88	88°	16	0.63
INS20.06.60	60°	6	0.24
INS20.08.60	60°	8	0.31
INS20.10.60	60°	10	0.39
INS20.12.60	60°	12	0.47
INS20.16.60	60°	16	0.63

Model	α	V (mm)	V (in)
INS20.06.45	45°	6	0.24
INS20.08.45	45°	8	0.31
INS20.10.45	45°	10	0.39
INS20.12.45	45°	12	0.47
INS20.06.30	30°	6	0.24
INS20.08.30	30°	8	0.31
INS20.10.30	30°	10	0.39

TN80.30

1000 kN/m max.



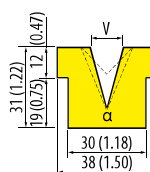
835 mm	32.87 in	25.0 kg
415 mm	16.34 in	12.5 kg

C45: 560-710 N/mm²



INS30...

200 kN/m max.



835 mm	32.87 in	0.50 kg
415 mm	16.34 in	0.25 kg



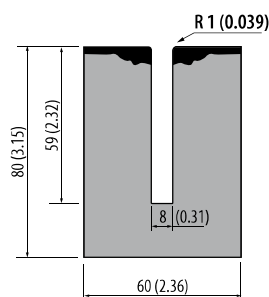
Model	α	V (mm)	V (in)
INS30.06.88	88°	6	0.24
INS30.08.88	88°	8	0.31
INS30.10.88	88°	10	0.39
INS30.12.88	88°	12	0.47
INS30.16.88	88°	16	0.63
INS30.20.88	88°	20	0.79
INS30.25.88	88°	25	0.97
INS30.06.60	60°	6	0.24
INS30.08.60	60°	8	0.31
INS30.10.60	60°	10	0.39
INS30.12.60	60°	12	0.47
INS30.16.60	60°	16	0.63
INS30.20.60	60°	20	0.79

Model	α	V (mm)	V (in)
INS30.06.45	45°	6	0.24
INS30.08.45	45°	8	0.31
INS30.10.45	45°	10	0.39
INS30.12.45	45°	12	0.47
INS30.16.45	45°	16	0.63
INS30.20.45	45°	20	0.79
INS30.06.30	30°	6	0.24
INS30.08.30	30°	8	0.31
INS30.10.30	30°	10	0.39
INS30.12.30	30°	12	0.47
INS30.16.30	30°	16	0.63

For advantages and mounting examples see Mark-Free bending Chapter on pages 236-237



TOP.SM-134.28.8 / TOP.SM-134.24.8

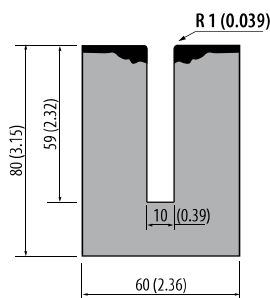


525 mm	20.67 in	17.5 kg
495 mm segmented	19.49 in segmented	16.5 kg

42Cr: 900-1150 N/mm²



TOP.SM-134.24.10

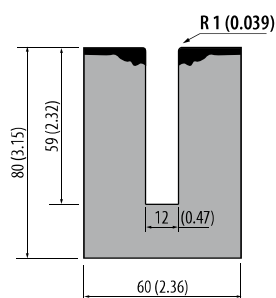


525 mm	20.67 in	18.0 kg
495 mm segmented	19.49 in segmented	16.9 kg

42Cr: 900-1150 N/mm²



TOP.SM-134.24.12



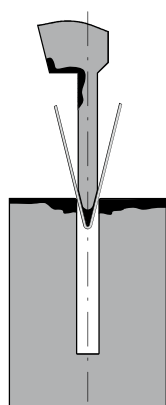
525 mm	20.67 in	16.8 kg
495 mm segmented	19.49 in segmented	15.9 kg

42Cr: 900-1150 N/mm²

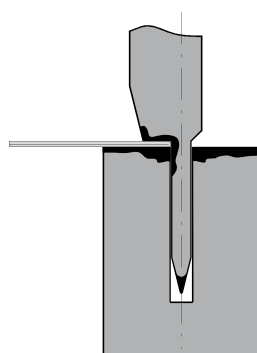


Compatible
Hemming Punches
see page 28

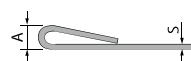
Example of application



800 kN/m max.



1000 kN/m max.



S mm	S in	A mm	A in	R.45 Kg/mm² t/m	R.70 Kg/mm² t/m	S mm	S in	A mm	A in	R.45 Kg/mm² t/m	R.70 Kg/mm² t/m
0.6	0.02	3.0	0.12	9	15	0.6	0.02	1.2	0.05	23	35
0.8	0.03	3.0	0.12	12	20	0.8	0.03	1.6	0.06	32	50
1.0	0.04	3.5	0.14	15	25	1.0	0.04	1.0	0.04	40	60
1.25	0.05	3.5	0.14	17	26	1.25	0.05	2.5	0.10	50	80



Article
on stock



Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



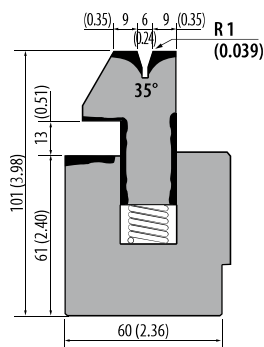
Articles on stock – Please note that
delivery time depends on your location.

R1 ROLLER TYPE R1

Spring-loaded Hemming Dies

S101.35.06

600 kN/m max.



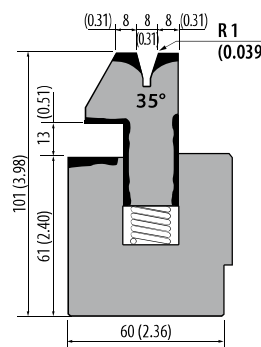
835 mm	32.87 in	30.0 kg
415 mm	16.34 in	15.4 kg

C45: 800-850 N/mm²



S101.35.08

600 kN/m max.



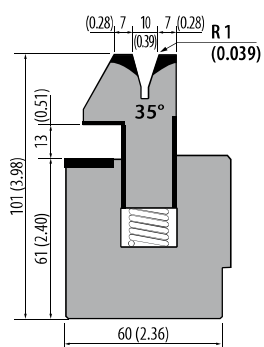
835 mm	32.87 in	30.0 kg
415 mm	16.34 in	15.0 kg

C45: 800-850 N/mm²



S101.35.10

600 kN/m max.



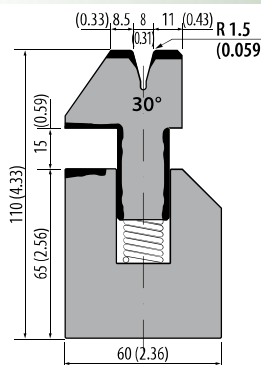
835 mm	32.87 in	30.0 kg
415 mm	16.34 in	15.5 kg

C45: 800-850 N/mm²



S110.30.08

800 kN/m max.



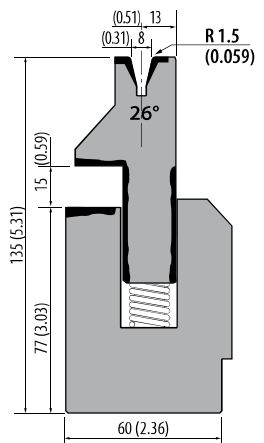
835 mm	32.87 in	30.0 kg
415 mm	16.34 in	15.0 kg

C45: 800-850 N/mm²



S135.26.08

400 kN/m max.



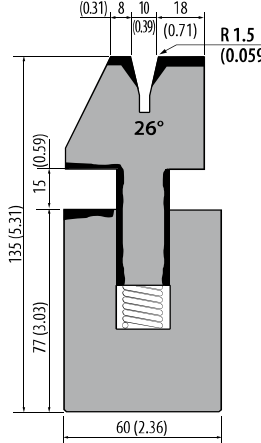
835 mm	32.87 in	39.8 kg
415 mm	16.34 in	21.0 kg

42Cr: 900-1150 N/mm²



S135.26.10

1000 kN/m max.



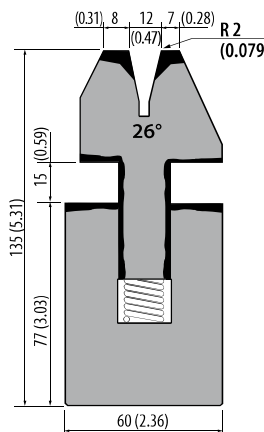
835 mm	32.87 in	41.5 kg
415 mm	16.34 in	20.7 kg

C45: 800-850 N/mm²



SA135.26.12

1000 kN/m max.



835 mm	32.87 in	41.0 kg
415 mm	16.34 in	20.5 kg

C45: 800-850 N/mm²



Our Advantage – Your Convenience

The Hemming Dies can also be used as standard dies. Therefore, the spring is secured with help of a mechanical system.



Roller Videos

demonstration of hemming dies at:
[www.rolleritools.com/
videos/hemming-dies](http://www.rolleritools.com/videos/hemming-dies)



R1

ROLLERI TYPE R1

Pneumatic Hemming Dies

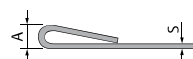


KPN



per piece 1.0 kg

Accessories for pneumatic hemming dies

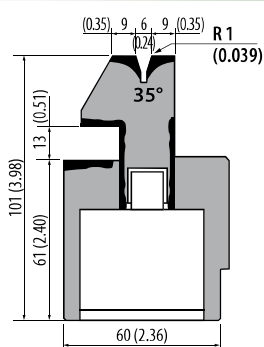


S mm	S in	A mm	A in	R.45 Kg/mm ² t/m	R.70 Kg/mm ² t/m	S mm	S in	A mm	A in	R.45 Kg/mm ² t/m	R.70 Kg/mm ² t/m
0.6	0.02	3.0	0.12	9	15	0.6	0.02	1.2	0.05	23	35
0.8	0.03	3.0	0.12	12	20	0.8	0.03	1.6	0.06	32	50
1.0	0.04	3.5	0.14	15	25	1.0	0.04	1.0	0.04	40	60
1.25	0.05	3.5	0.14	17	26	1.25	0.05	2.5	0.10	50	80
1.5	0.06	4.6	0.18	22	38	1.5	0.06	3.0	0.12	63	95
2.0	0.08	5.5	0.22	30	50	2.0	0.08	4.0	0.16	80	130
2.5	0.10	6.5	0.26	55	-	2.5	0.10	5.0	0.20	90	-
3.0	0.12	8.0	0.31	70	-	3.0	0.12	6.0	0.24	100	-

2
R1

S101PN.35.06

600 kN/m max.



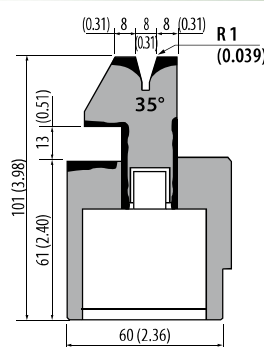
835 mm	32.87 in	30.0 kg
415 mm	16.34 in	15.5 kg

C45: 560-710 N/mm²



S101PN.35.08

600 kN/m max.



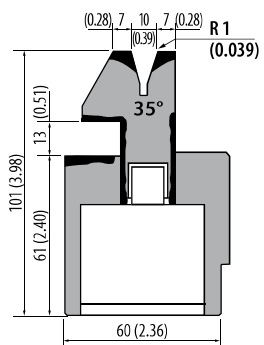
835 mm	32.87 in	31.0 kg
415 mm	16.34 in	15.5 kg

C45: 560-710 N/mm²



S101PN.35.10

600 kN/m max.



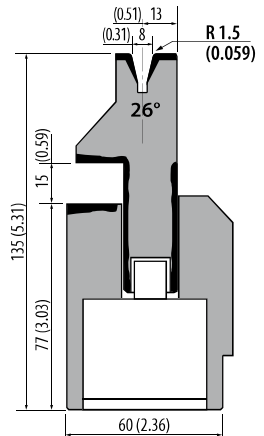
835 mm	32.87 in	29.0 kg
415 mm	16.34 in	15.5 kg

C45: 560-710 N/mm²



S135PN.26.08

400 kN/m max.



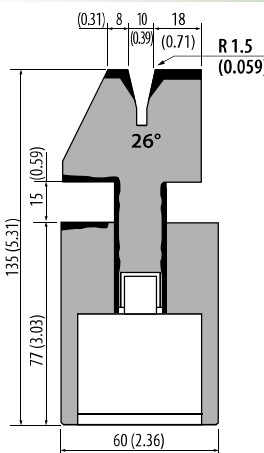
835 mm	32.87 in	39.8 kg
415 mm	16.34 in	21.0 kg

42Cr: 900-1150 N/mm²



S135PN.26.10

1000 kN/m max.



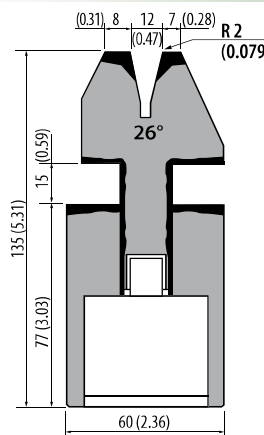
835 mm	32.87 in	41.5 kg
415 mm	16.34 in	20.7 kg

C45: 560-710 N/mm²



SA135PN.26.12

1000 kN/m max.



835 mm	32.87 in	41.0 kg
415 mm	16.34 in	20.5 kg

C45: 560-710 N/mm²



The complete pneumatic system is located within the die.



Article on stock



Please ask for delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)

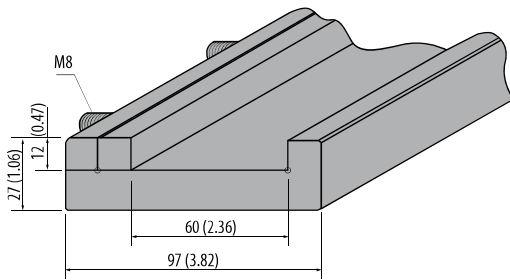


Articles on stock – Please note that delivery time depends on your location.

R1 ROLLER TYPE R1

Adapter Rails for Dies

C 2000/S / C 2500/S / C 3000/S / C 4000/S



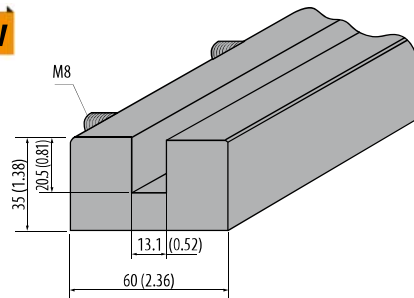
Model	Length (mm)	Length (in)	Weight
C 2000/S	2100	82.68	27.0 kg
C 2500/S	2600	102.36	34.0 kg
C 3000/S	3100	122.05	40.0 kg
C 4000/S	4100	161.42	53.0 kg



C45: 560-710 N/mm²

TC 2000/S / TC 2500/S / TC 3000/S / TC 4000/S

NEW

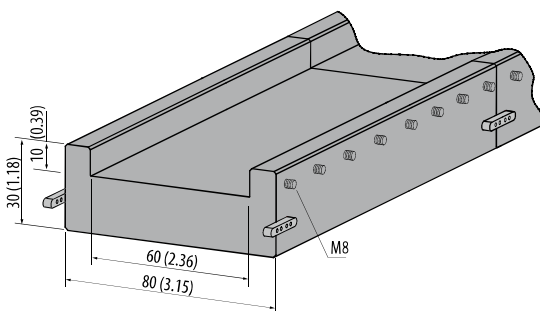


Model	Length (mm)	Length (in)	Weight
TC 2000/S	2100 mm	82.68	30.0 kg
TC 2500/S	2600 mm	102.36	37.0 kg
TC 3000/S	3100 mm	122.05	44.0 kg
TC 4000/S	4100 mm	161.42	59.0 kg



C45: 560-710 N/mm²

C 1050/R

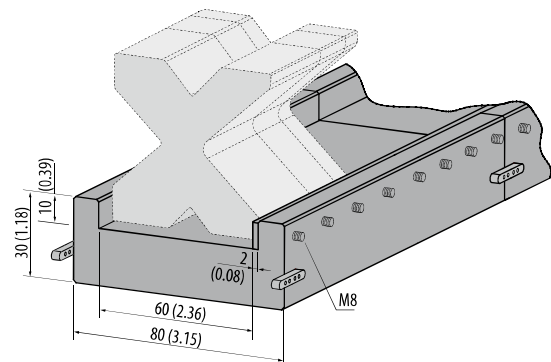


Model	Length (mm)	Length (in)	Weight
C 1050/R	1050	41.34	15.0 kg
C 1050/R/C	520	20.47	7.5 kg



C45: 560-710 N/mm²

C 1050/RS

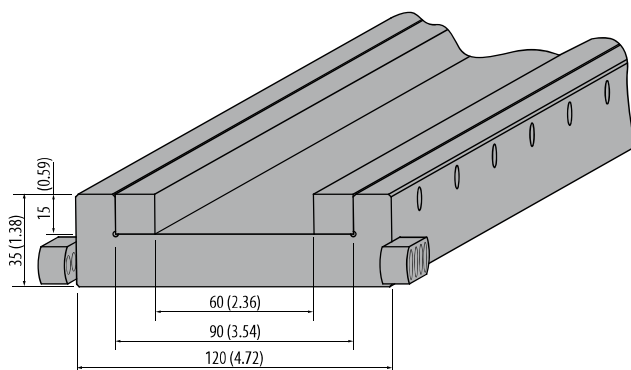


Model	Length (mm)	Length (in)	Weight
C 1050/RS	1050 mm	41.34	15.0 kg
C 1050/RS/C	520 mm	20.47	7.5 kg



C45: 560-710 N/mm²

C 1050-90



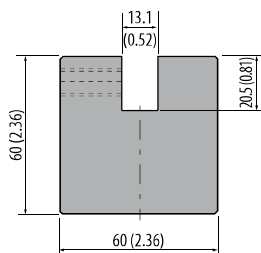
Model	Length (mm)	Length (in)	Weight
C 1050-90	1050	41.34	27.2 kg
C 1050-90/C	520	20.47	13.5 kg



C45: 560-710 N/mm²

AD5

1000 kN/m max.



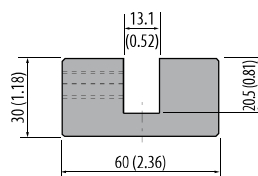
1000 mm	39.37 in	26.1 kg
500 mm	19.68 in	13.0 kg

 Rolleri Type R1
 → Rolleri Type R2/R3

 C45: 560-710 N/mm²


AD6

1000 kN/m max.



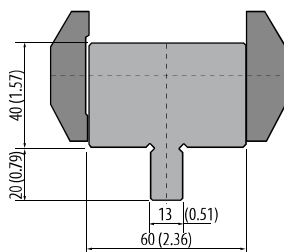
1000 mm	39.37 in	12.0 kg
500 mm	19.68 in	6.0 kg

 Rolleri Type R1
 → Rolleri Type R2/R3

 C45: 560-710 N/mm²


AD7

1000 kN/m max.



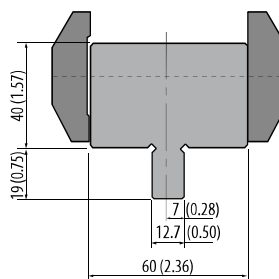
835 mm	32.87 in	18.0 kg
415 mm	16.34 in	9.0 kg

 Rolleri Type R2/R3
 → Rolleri Type R1

 C45: 560-710 N/mm²


AD9-12.7

1000 kN/m max.



835 mm	32.87 in	19.6 kg
415 mm	16.34 in	9.7 kg

 Rolleri Type RX LVD
 → Rolleri Type R1

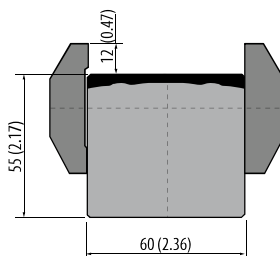
 C45: 560-710 N/mm²


Do you have further queries
about delivery times, op-
erational areas, and other
options?
Give us a call!

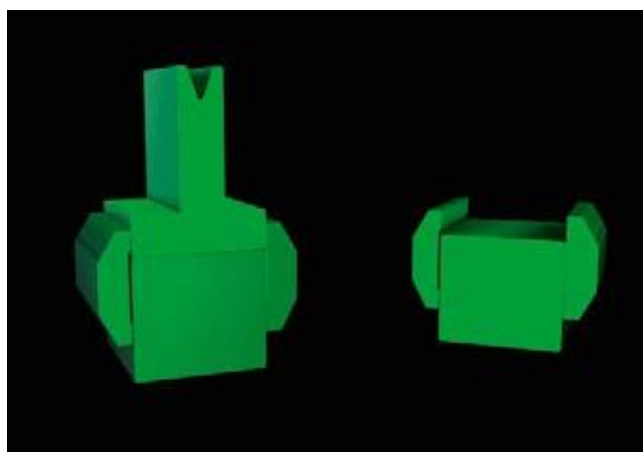
Die Extensions

CTS60

1000 kN/m max.



835 mm	32.87 in	29.0 kg
415 mm	16.34 in	14.5 kg

 C45: 560-710 N/mm²

 Article
on stock

 Please ask for
delivery time!

1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



Articles on stock – Please note that
delivery time depends on your location.