

R3

Compatibility

Dies Roller Type R3 are **compatible** with press brakes:

- Bystronic-Beyeler
- Safan
- SMD
- Trumpf
- Darley
- Press brake machines with System NSCR

With the use of adapters Rolleri R3 type dies can be mounted in other press brake models.

DIES ROLLER TYPE R3

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Compatibility

Dies Roller Type R3 are:

- **compatible** with press brakes with a table groove 13 x 20 mm (0.51 x 0.79 in):
Bystronic-Beyeler, Safan, SMD, Trumpf, Darley, press brake machines with System NSCR
- also applicable on all other press brakes **with adapters and die holders** (see pages 232-235).

Our Advantages – Your Convenience

- own production facilities (no reseller or dealer)
- every single tool is traceable thanks to a unique **serial number** stamped after the first quality control
- precision grinding (tolerance of +/-0.01 mm)
- guaranteed tool reproduction
- exact parallelism
- precise, consistent working height
- modifications possible (see pages 266-269)
- very large stock availability

Material

Raw material is provided by qualified suppliers and chemical composition corresponds to international standards. Therefore, raw material yield and tensile strength are guaranteed.

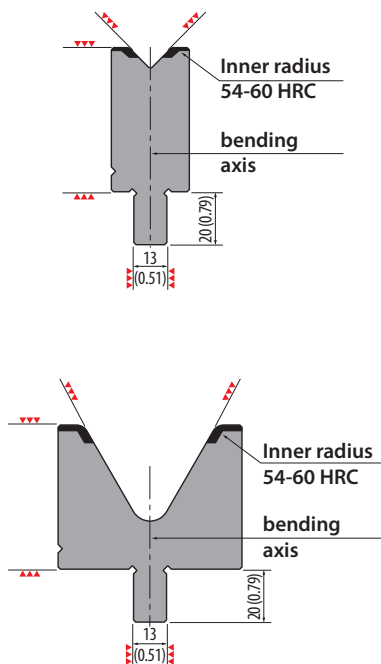
Material Type	Mechanical resistance of the material and the tool body	Hardness of the material and the tool body	Hardness of the operating surfaces after induction hardening
42CrMo4	900-1150 N/mm ²	29.1 - 36.9 HRC	54 - 60 HRC
C45	560-710 N/mm ²	12 - 15.5 HRC	54 - 60 HRC

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

Tang

All Roller R3 type dies have got **13 x 20 mm tang (0.51 x 0.79 in)**

Indications of precision ground surfaces:

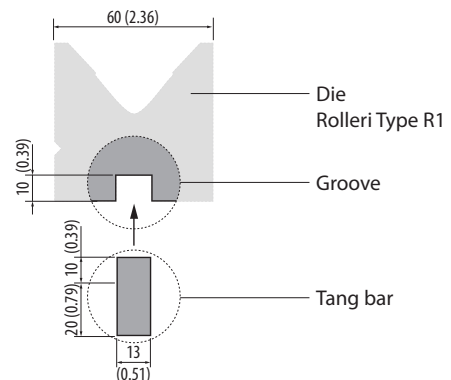


Modification: tang bar

To use Roller Type R1 dies, a 10 mm groove is milled where a ground bar is mounted.

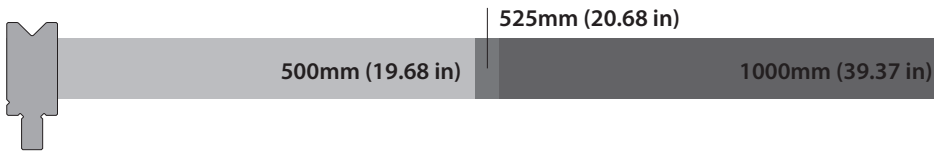
For more specific information and prices go to page 268 in the Modification Chapter.

Example of Application

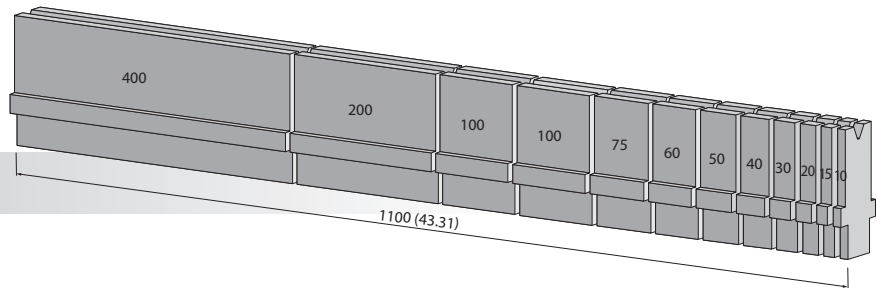


Tool lengths and sectioning

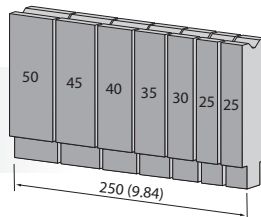
Standard



1100 mm (43.31 in) segmented
(12 segments)

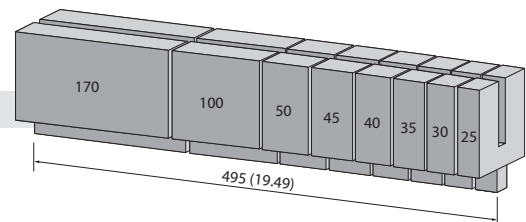


250 mm (9.84 in) segmented / FC
(7 segments)

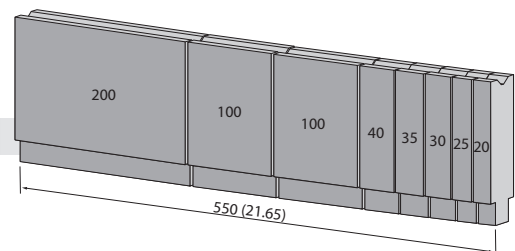


Segmented tools are delivered in complete sets. More lengths and sectionings are possible upon request.

495 mm (19.49 in) segmented / F (8 segments)



550 mm (21.65 in) segmented / FW (8 segments)



Article on stock



Please ask for delivery time!

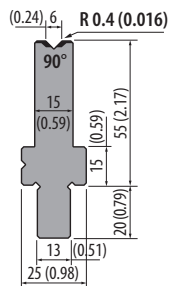
1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



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

BMR55.06.90

1150 kN/m max.



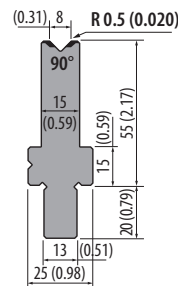
1000 mm	39.37 in	8.5 kg
500 mm	19.68 in	4.2 kg
1100 mm segmented	43.31 in segmented	8.5 kg

42Cr: 900-1150 N/mm²



BMR55.08.90

1100 kN/m max.



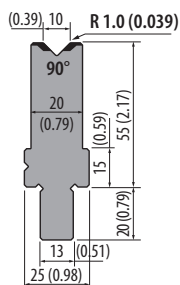
1000 mm	39.37 in	9.0 kg
500 mm	19.68 in	4.5 kg
1100 mm segmented	43.31 in segmented	8.5 kg

42Cr: 900-1150 N/mm²



BMR55.10.90

1100 kN/m max.



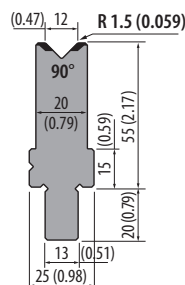
1000 mm	39.37 in	10.5 kg
500 mm	19.68 in	5.2 kg
1100 mm segmented	43.31 in segmented	10.0 kg

42Cr: 900-1150 N/mm²



BMR55.12.90

1200 kN/m max.



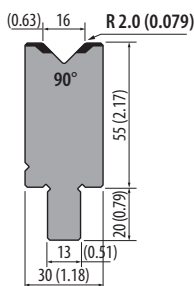
1000 mm	39.37 in	10.5 kg
500 mm	19.68 in	5.2 kg
1100 mm segmented	43.31 in segmented	10.0 kg

42Cr: 900-1150 N/mm²



BMR55.16.90

1200 kN/m max.



1000 mm	39.37 in	14.5 kg
500 mm	19.68 in	7.2 kg
1100 mm segmented	43.31 in segmented	14.0 kg

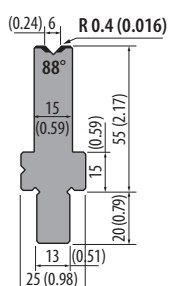
42Cr: 900-1150 N/mm²



88° dies, H=55 (2.17)

BMR55.06.88

1150 kN/m max.



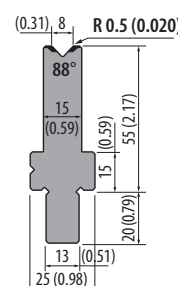
1000 mm	39.37 in	8.5 kg
500 mm	19.68 in	4.2 kg
1100 mm segmented	43.31 in segmented	8.5 kg

42Cr: 900-1150 N/mm²



BMR55.08.88

1100 kN/m max.



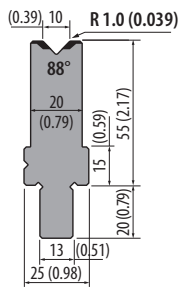
1000 mm	39.37 in	9.0 kg
500 mm	19.68 in	4.5 kg
1100 mm segmented	43.31 in segmented	8.5 kg

42Cr: 900-1150 N/mm²



BMR55.10.88

1100 kN/m max.



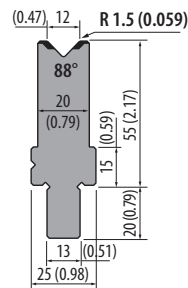
1000 mm	39.37 in	11.0 kg
500 mm	19.68 in	5.0 kg
1100 mm segmented	43.31 in segmented	12.0 kg

42Cr: 900-1150 N/mm²



BMR55.12.88

1200 kN/m max.



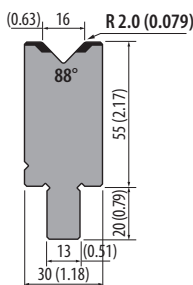
1000 mm	39.37 in	10.5 kg
500 mm	19.68 in	5.2 kg
1100 mm segmented	43.31 in segmented	10.0 kg

42Cr: 900-1150 N/mm²



BMR55.16.88

1200 kN/m max.



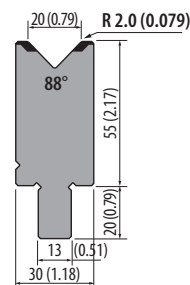
1000 mm	39.37 in	14.5 kg
500 mm	19.68 in	7.2 kg
1100 mm segmented	43.31 in segmented	14.0 kg

42Cr: 900-1150 N/mm²



BMR55.20.88

1100 kN/m max.



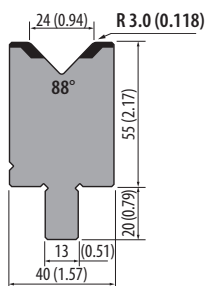
1000 mm	39.37 in	14.5 kg
500 mm	19.68 in	7.2 kg
1100 mm segmented	43.31 in segmented	14.0 kg

42Cr: 900-1150 N/mm²



BMR55.24.88

1200 kN/m max.



1000 mm	39.37 in	18.5 kg
500 mm	19.68 in	9.2 kg
1100 mm segmented	43.31 in segmented	18.0 kg

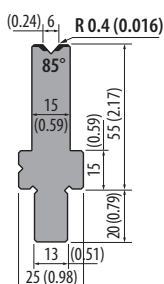
42Cr: 900-1150 N/mm²



85° dies, H=55 (2.17)

BMR55.06.85

1150 kN/m max.



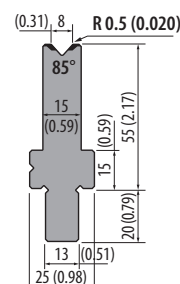
1000 mm	39.37 in	8.5 kg
500 mm	19.68 in	4.2 kg
1100 mm segmented	43.31 in segmented	8.5 kg

42Cr: 900-1150 N/mm²



BMR55.08.85

1100 kN/m max.



1000 mm	39.37 in	9.0 kg
500 mm	19.68 in	4.5 kg
1100 mm segmented	43.31 in segmented	8.5 kg

42Cr: 900-1150 N/mm²



Article on stock



Please ask for delivery time!

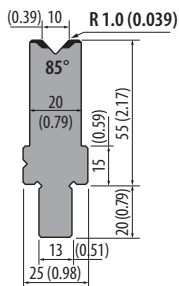
1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



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

BMR55.10.85

1100 kN/m max.



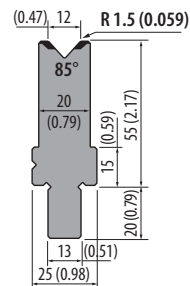
1000 mm	39.37 in	11.0 kg
500 mm	19.68 in	5.0 kg
1100 mm segmented	43.31 in segmented	12.0 kg

42Cr: 900-1150 N/mm²



BMR55.12.85

1200 kN/m max.



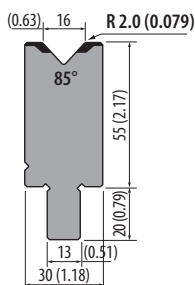
1000 mm	39.37 in	10.5 kg
500 mm	19.68 in	5.2 kg
1100 mm segmented	43.31 in segmented	10.0 kg

42Cr: 900-1150 N/mm²



BMR55.16.85

1200 kN/m max.



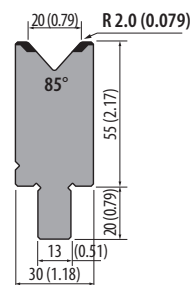
1000 mm	39.37 in	14.5 kg
500 mm	19.68 in	7.2 kg
1100 mm segmented	43.31 in segmented	14.0 kg

42Cr: 900-1150 N/mm²



BMR55.20.85

1100 kN/m max.



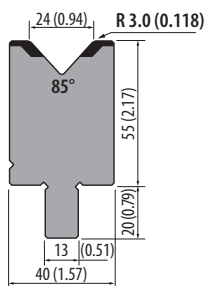
1000 mm	39.37 in	14.5 kg
500 mm	19.68 in	7.2 kg
1100 mm segmented	43.31 in segmented	14.0 kg

42Cr: 900-1150 N/mm²



BMR55.24.85

1200 kN/m max.



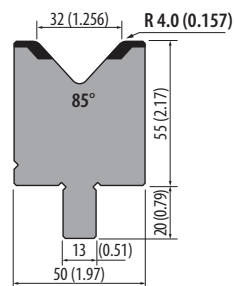
1000 mm	39.37 in	18.5 kg
500 mm	19.68 in	9.2 kg
1100 mm segmented	43.31 in segmented	18.0 kg

42Cr: 900-1150 N/mm²



BMR55.32.85

1200 kN/m max.



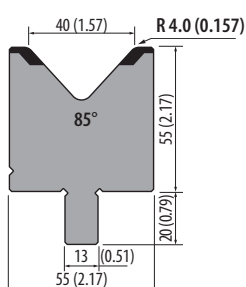
1000 mm	39.37 in	21.0 kg
500 mm	19.68 in	10.5 kg
1100 mm segmented	43.31 in segmented	20.5 kg

42Cr: 900-1150 N/mm²



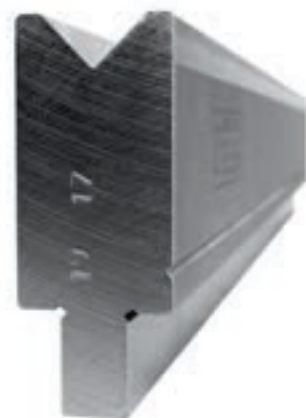
BMR55.40.85

1200 kN/m max.



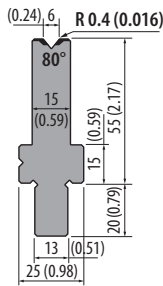
1000 mm	39.37 in	21.5 kg
500 mm	19.68 in	10.7 kg
1100 mm segmented	43.31 in segmented	25.0 kg

42Cr: 900-1150 N/mm²



BMR55.06.80

1150 kN/m max.



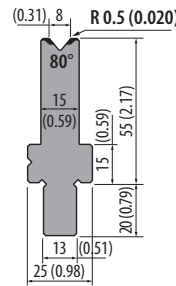
1000 mm	39.37 in	8.5 kg
500 mm	19.68 in	4.2 kg
1100 mm segmented	43.31 in segmented	8.5 kg

42Cr: 900-1150 N/mm²



BMR55.08.80

1100 kN/m max.



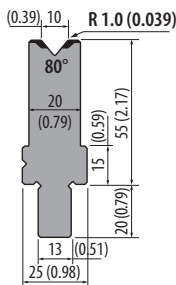
1000 mm	39.37 in	9.0 kg
500 mm	19.68 in	4.5 kg
1100 mm segmented	43.31 in segmented	8.5 kg

42Cr: 900-1150 N/mm²



BMR55.10.80

1100 kN/m max.



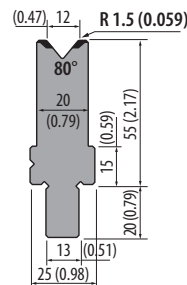
1000 mm	39.37 in	11.0 kg
500 mm	19.68 in	5.0 kg
1100 mm segmented	43.31 in segmented	12.0 kg

42Cr: 900-1150 N/mm²



BMR55.12.80

1200 kN/m max.



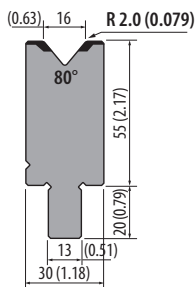
1000 mm	39.37 in	10.5 kg
500 mm	19.68 in	5.2 kg
1100 mm segmented	43.31 in segmented	10.0 kg

42Cr: 900-1150 N/mm²



BMR55.16.80

1200 kN/m max.



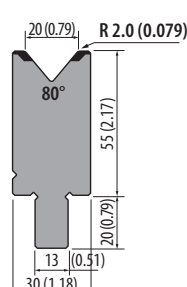
1000 mm	39.37 in	14.5 kg
500 mm	19.68 in	7.2 kg
1100 mm segmented	43.31 in segmented	14.0 kg

42Cr: 900-1150 N/mm²



BMR55.20.80

1100 kN/m max.



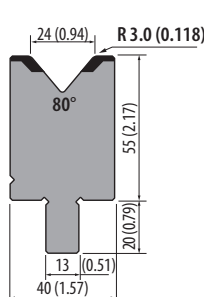
1000 mm	39.37 in	14.5 kg
500 mm	19.68 in	7.2 kg
1100 mm segmented	43.31 in segmented	14.0 kg

42Cr: 900-1150 N/mm²



BMR55.24.80

1200 kN/m max.



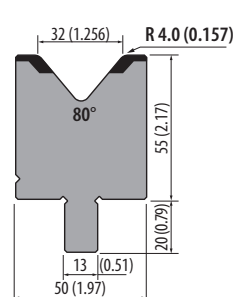
1000 mm	39.37 in	18.5 kg
500 mm	19.68 in	9.2 kg
1100 mm segmented	43.31 in segmented	18.0 kg

42Cr: 900-1150 N/mm²



BMR55.32.80

1200 kN/m max.



1000 mm	39.37 in	21.0 kg
500 mm	19.68 in	10.5 kg
1100 mm segmented	43.31 in segmented	20.5 kg

42Cr: 900-1150 N/mm²



Article on stock



Please ask for delivery time!

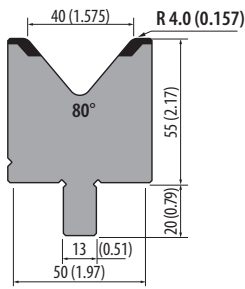
1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



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

BMR55.40.80

1200 kN/m max.



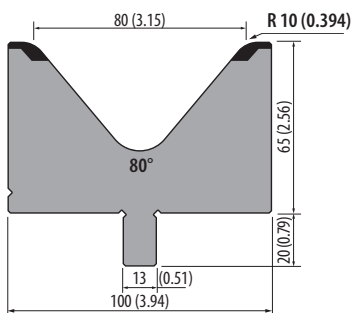
1000 mm	39.37 in	21.5 kg
500 mm	19.68 in	10.7 kg
1100 mm segmented	43.31 in segmented	25.0 kg

42Cr: 900-1150 N/mm²



BMR65.80.80

1700 kN/m max.



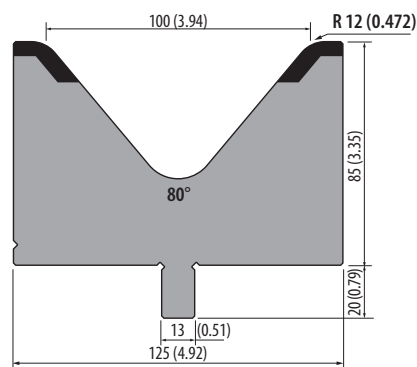
1000 mm	39.37 in	39.0 kg
500 mm	19.68 in	20.0 kg
1100 mm segmented	43.31 in segmented	43.0 kg

42Cr: 900-1150 N/mm²



BMR85.100.80

2300 kN/m max.



1000 mm	39.37 in	62.0 kg
500 mm	19.68 in	31.0 kg
1100 mm segmented	43.31 in segmented	69.0 kg

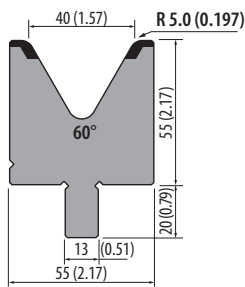
42Cr: 900-1150 N/mm²



Dies 60°, H=55 (2.17), H=65 (2.56)

BMR55.40.60

1300 kN/m max.



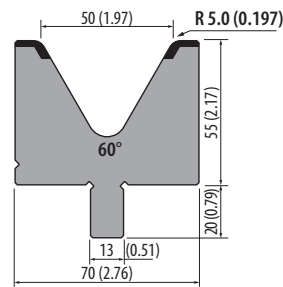
1000 mm	39.37 in	20.3 kg
500 mm	19.68 in	10.5 kg
1100 mm segmented	43.31 in segmented	22.3 kg

42Cr: 900-1150 N/mm²



BMR55.50.60

1200 kN/m max.



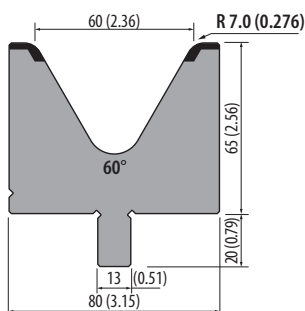
1000 mm	39.37 in	25.0 kg
500 mm	19.68 in	12.0 kg
1100 mm segmented	43.31 in segmented	21.0 kg

42Cr: 900-1150 N/mm²



BMR65.60.60

1100 kN/m max.



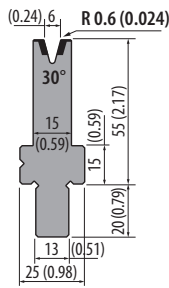
1000 mm	39.37 in	31.0 kg
500 mm	19.68 in	15.5 kg
1100 mm segmented	43.31 in segmented	34.1 kg

42Cr: 900-1150 N/mm²



BMR55.06.30

350 kN/m max.



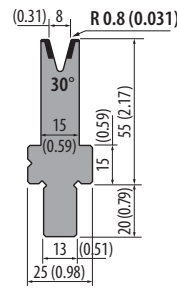
1000 mm	39.37 in	8.0 kg
500 mm	19.68 in	4.0 kg
1100 mm segmented	43.31 in segmented	9.0 kg

42Cr: 900-1150 N/mm²



BMR55.08.30

200 kN/m max.



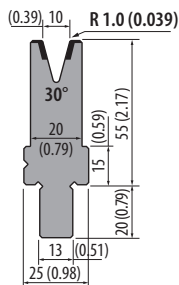
1000 mm	39.37 in	9.2 kg
500 mm	19.68 in	4.0 kg
1100 mm segmented	43.31 in segmented	10.1 kg

42Cr: 900-1150 N/mm²



BMR55.10.30

350 kN/m max.



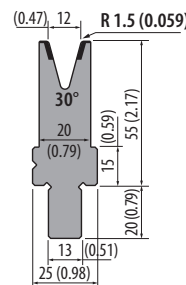
1000 mm	39.37 in	10.0 kg
500 mm	19.68 in	5.0 kg
1100 mm segmented	43.31 in segmented	11.0 kg

42Cr: 900-1150 N/mm²



BMR55.12.30

300 kN/m max.



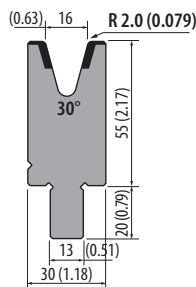
1000 mm	39.37 in	10.0 kg
500 mm	19.68 in	5.0 kg
1100 mm segmented	43.31 in segmented	11.0 kg

42Cr: 900-1150 N/mm²



BMR55.16.30

450 kN/m max.



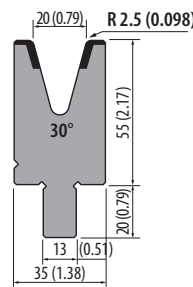
1000 mm	39.37 in	13.5 kg
500 mm	19.68 in	6.7 kg
1100 mm segmented	43.31 in segmented	14.9 kg

42Cr: 900-1150 N/mm²



BMR55.20.30

500 kN/m max.



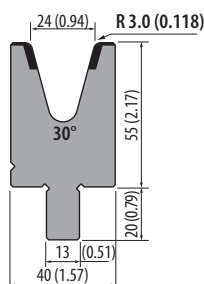
1000 mm	39.37 in	14.0 kg
500 mm	19.68 in	7.0 kg
1100 mm segmented	43.31 in segmented	13.5 kg

42Cr: 900-1150 N/mm²



BMR55.24.30

550 kN/m max.



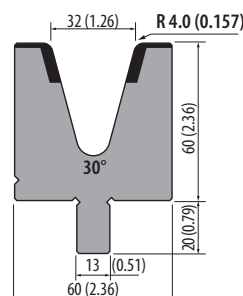
1000 mm	39.37 in	15.5 kg
500 mm	19.68 in	7.8 kg
1100 mm segmented	43.31 in segmented	17.0 kg

42Cr: 900-1150 N/mm²



BMR60.32.30

650 kN/m max.



1000 mm	39.37 in	23.0 kg
500 mm	19.68 in	11.5 kg
1100 mm segmented	43.31 in segmented	22.5 kg

42Cr: 900-1150 N/mm²



Article on stock



Please ask for delivery time!

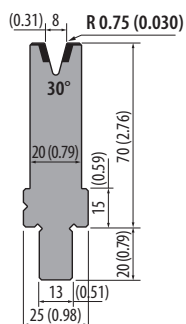
1 kg = 2.20 Pounds (lb) = 35.27 Ounces (oz)
100 mm = 3.94 Inch (in) = 0.33 Feet (ft)



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

BMR70.08.30

200 kN/m max.



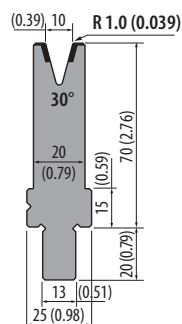
1000 mm	39.37 in	13.1 kg
500 mm	19.68 in	6.5 kg
1100 mm segmented	43.31 in segmented	14.0 kg

42Cr: 900-1150 N/mm²



BMR70.10.30

350 kN/m max.



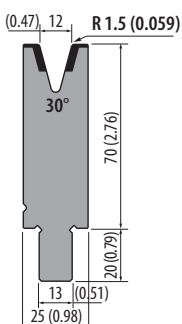
1000 mm	39.37 in	12.8 kg
500 mm	19.68 in	6.4 kg
1100 mm segmented	43.31 in segmented	12.4 kg

42Cr: 900-1150 N/mm²



BMR70.12.30

300 kN/m max.



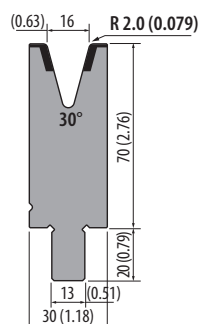
1000 mm	39.37 in	14.7 kg
500 mm	19.68 in	7.3 kg
1100 mm segmented	43.31 in segmented	14.3 kg

42Cr: 900-1150 N/mm²



BMR70.16.30

450 kN/m max.

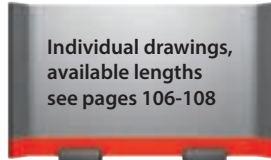
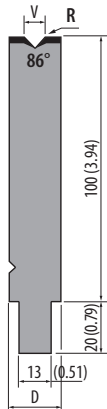


1000 mm	39.37 in	16.7 kg
500 mm	19.68 in	8.3 kg
1100 mm segmented	43.31 in segmented	16.2 kg

42Cr: 900-1150 N/mm²



86° dies, H=100 (3.94)

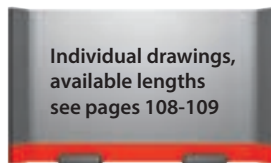
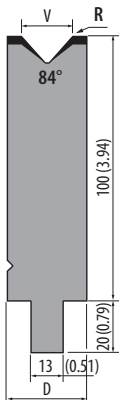


Model	V (mm)	V (in)	R (mm)	R (in)	D (mm)	D (in)	kN/m max.
TMR100.04.86	4	0.16	0.6	0.02	20	0.79	450
TMR100.06.86	6	0.24	0.6	0.02	20	0.79	1200
TMR100.08.86	8	0.31	0.8	0.03	20	0.79	1150
WMR100.08.86	8	0.31	2.5	0.10	25	0.98	400
TMR100.10.86	10	0.39	1.0	0.04	20	0.79	1100
TMR100.12.86	12	0.47	1.0	0.04	25	0.98	1200
WMR100.12.86	12	0.47	2.5	0.10	25	0.98	500
TMR100.16.86	16	0.63	1.6	0.06	30	1.18	1200
TMR100.20.86	20	0.79	2.0	0.08	30	1.18	1150
TMR100.24.86	24	0.94	2.5	0.10	35	1.38	1200
TMR100.30.86	30	1.18	3.0	0.12	45	1.77	1200
TMR100.40.86	40	1.57	3.0	0.12	55	2.17	1200
TMR100.50.86	50	1.97	3.0	0.12	75	2.95	1500

42Cr: 900-1150 N/mm²



84° dies, H=100 (3.94)

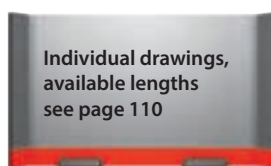
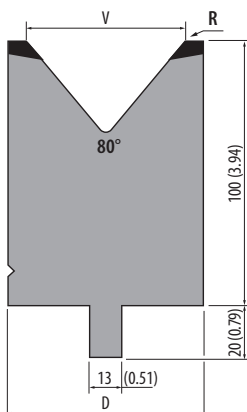


Model	V (mm)	V (in)	R (mm)	R (in)	D (mm)	D (in)	kN/m max.
TMR100.06.84	6	0.24	0.6	0.02	20	0.79	1200
TMR100.08.84	8	0.31	0.8	0.03	20	0.79	1150
TMR100.10.84	10	0.39	1.0	0.04	20	0.79	1100
TMR100.12.84	12	0.47	1.0	0.04	25	0.98	1200
TMR100.16.84	16	0.63	1.6	0.06	30	1.18	1200
TMR100.20.84	20	0.79	2.0	0.08	30	1.18	1150
TMR100.24.84	24	0.94	2.5	0.10	35	1.38	1200

42Cr: 900-1150 N/mm²



80° dies, H=100 (3.94) / H=120 (4.72)

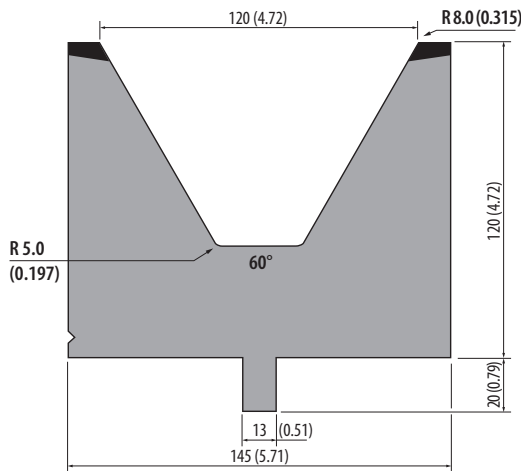


Model	V (mm)	V (in)	H (mm)	H (in)	R (mm)	R (in)	D (mm)	D (in)	kN/m max.
TMR100.60.80	60	2.36	100	3.94	5.0	0.20	75	2.95	1500
TMR100.70.80	70	2.76	100	3.94	5.0	0.20	85	3.35	1500
TMR100.80.80	80	3.15	100	3.94	5.0	0.20	100	3.94	1500
TMR120.90.80	90	3.54	120	4.72	8.0	0.31	110	4.33	1500
TMR120.100.80	100	3.94	120	4.72	8.0	0.31	120	4.72	1500

42Cr: 900-1150 N/mm²

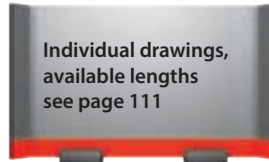


60° die, H=120 (4.72)



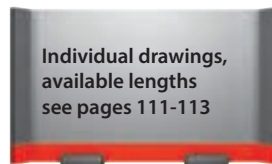
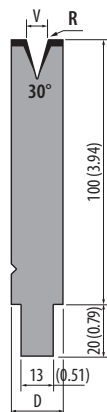
Model	V (mm)	V (in)	R (mm)	R (in)	D (mm)	D (in)	kN/m max.
TMR120.120.60	120	4.72	8.0	0.31	145	5.71	1000

42Cr: 900-1150 N/mm²



Individual drawings,
available lengths
see page 111

30° dies, H=100 (3.94)



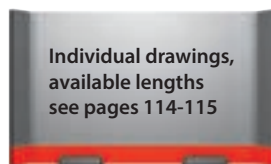
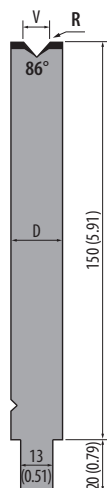
Individual drawings,
available lengths
see pages 111-113

Model	V (mm)	V (in)	R (mm)	R (in)	D (mm)	D (in)	kN/m max.
TMR100.04.30	4	0.16	0.6	0.02	20	0.79	150
TMR100.06.30	6	0.24	0.6	0.02	20	0.79	400
WMR100.06.30	6	0.24	2.0	0.08	20	0.79	400
TMR100.08.30	8	0.31	1.0	0.04	20	0.79	400
WMR100.08.30	8	0.31	2.5	0.10	20	0.79	400
TMR100.10.30	10	0.39	1.0	0.04	20	0.79	400
WMR100.10.30	10	0.39	2.5	0.10	25	0.98	400
TMR100.12.30	12	0.47	1.0	0.04	25	0.98	400
WMR100.12.30	12	0.47	3.0	0.12	25	0.98	400
TMR100.16.30	16	0.63	1.6	0.06	30	1.18	500
TMR100.20.30	20	0.79	2.0	0.08	30	1.18	600
TMR100.24.30	24	0.94	2.5	0.10	40	1.57	650
TMR100.30.30	30	1.18	3.0	0.12	55	2.17	900
TMR100.40.30	40	1.57	5.0	0.20	60	2.36	900

42Cr: 900-1150 N/mm²



86° dies, H=150 (5.91)



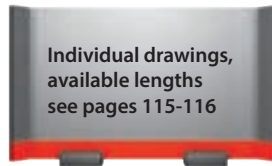
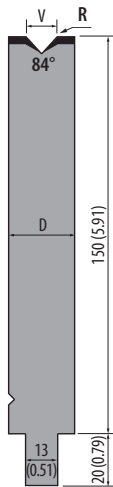
Individual drawings,
available lengths
see pages 114-115

Model	V (mm)	V (in)	R (mm)	R (in)	D (mm)	D (in)	kN/m max.
TMR150.06.86	6	0.24	0.6	0.02	20	0.79	400
TMR150.08.86	8	0.31	0.8	0.03	20	0.79	400
TMR150.10.86	10	0.39	1.0	0.04	20	0.79	500
TMR150.12.86	12	0.47	1.0	0.04	25	0.98	500
TMR150.16.86	16	0.63	1.6	0.06	30	1.18	700
TMR150.20.86	20	0.79	2.0	0.08	30	1.18	700
TMR150.24.86	24	0.94	2.5	0.10	35	1.38	700

42Cr: 900-1150 N/mm²



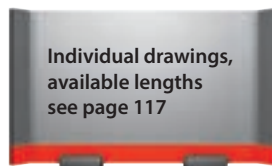
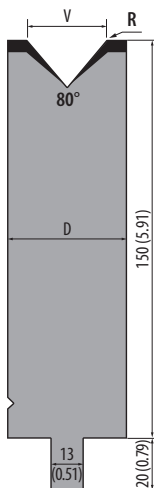
84° dies, H=150 (5.91)



Model	V (mm)	V (in)	R (mm)	R (in)	D (mm)	D (in)	kN/m max.
TMR150.06.84	6	0.24	0.6	0.02	20	0.79	400
TMR150.08.84	8	0.31	0.8	0.03	20	0.79	400
TMR150.10.84	10	0.39	1.0	0.04	20	0.79	500
TMR150.12.84	12	0.47	1.0	0.04	25	0.98	500
TMR150.16.84	16	0.63	1.6	0.06	30	1.18	700
TMR150.20.84	20	0.79	2.0	0.08	30	1.18	700
TMR150.24.84	24	0.94	2.5	0.10	35	1.38	700

42Cr: 900-1150 N/mm²

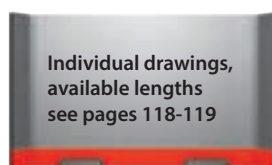
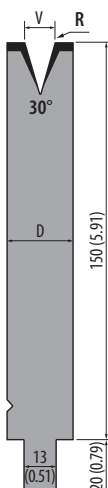
80° dies, H=150 (5.91)



Model	V (mm)	V (in)	R (mm)	R (in)	D (mm)	D (in)	kN/m max.
TMR150.24.80	24	0.94	2.5	0.10	35	1.38	700
TMR150.30.80	30	1.18	5.0	0.20	45	1.77	900
TMR150.40.80	40	1.57	5.0	0.20	55	2.17	1200
TMR150.50.80	50	1.97	5.0	0.20	65	2.56	1500

42Cr: 900-1150 N/mm²

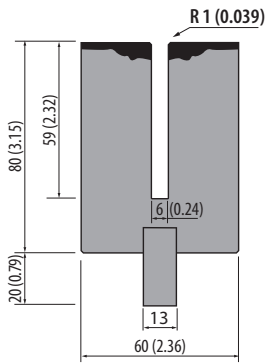
30° dies, H=150 (5.91)



Model	V (mm)	V (in)	R (mm)	R (in)	D (mm)	D (in)	kN/m max.
TMR150.06.30	6	0.24	0.6	0.02	20	0.79	400
TMR150.08.30	8	0.31	1.0	0.04	20	0.79	400
TMR150.10.30	10	0.39	1.0	0.04	20	0.79	400
TMR150.12.30	12	0.47	1.0	0.04	25	0.98	400
TMR150.16.30	16	0.63	1.6	0.06	30	1.18	500
TMR150.20.30	20	0.79	2.0	0.08	35	1.38	600
TMR150.24.30	24	0.94	2.5	0.10	40	1.57	650
TMR150.30.30	30	1.18	3.0	0.12	55	2.17	900
TMR150.40.30	40	1.57	5.0	0.20	55	2.17	900

42Cr: 900-1150 N/mm²

BPR.SM.195.28.6

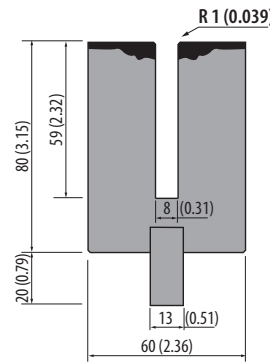


525 mm	20.67 in	12.0 kg
495 mm segmented	19.49 in segmented	11.0 kg

42Cr: 900-1150 N/mm²



BPR.SM.195.28.8

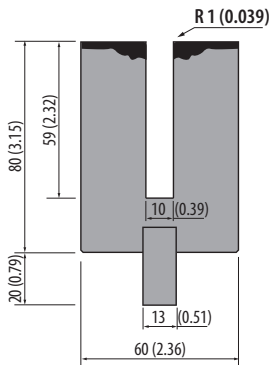


525 mm	20.67 in	12.0 kg
495 mm segmented	19.49 in segmented	11.0 kg

42Cr: 900-1150 N/mm²



BPR.SM.195.24.10

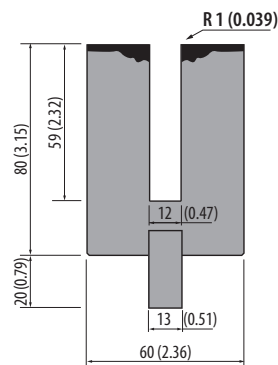


525 mm	20.67 in	11.8 kg
495 mm segmented	19.49 in segmented	11.2 kg

42Cr: 900-1150 N/mm²



BPR.SM.195.24.12

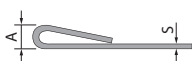


525 mm	20.67 in	11.5 kg
495 mm segmented	19.49 in segmented	10.8 kg

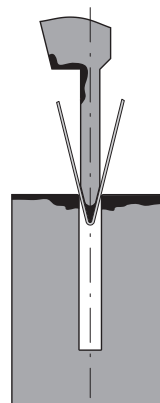
42Cr: 900-1150 N/mm²



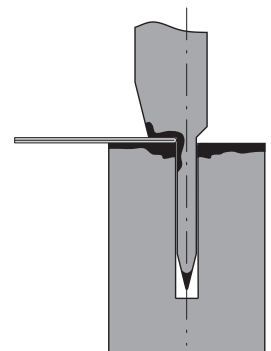
Example of Application



S mm	S in	A mm	A in	R.420 kN/mm ² t/m	R.700 kN/mm ² t/m	S mm	S in	A mm	A in	R.420 kN/mm ² t/m	R.700 kN/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



800 kN/m max.



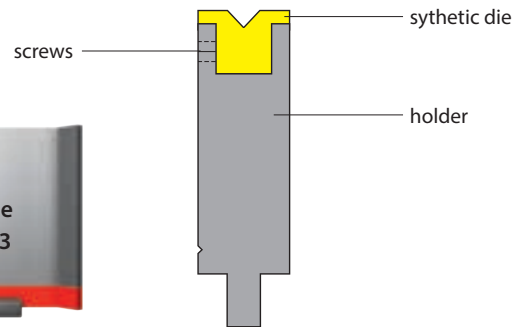
1000 kN/m max.

Our Advantages – Your Convenience

- No friction marks on the sheet metal
- Decrease of post-processing operations of bent profiles
- No material residues
- Better quality of the bent product
- Easy usage

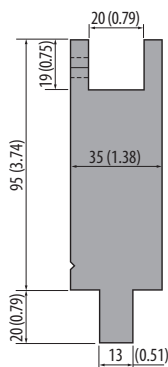
Mounting example

Synthetic dies are inserted into the holder and clamped with screws.



TMN95.20

1000 kN/m max.



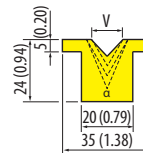
835 mm	32.87 in	12.0 kg
415 mm	16.34 in	6.0 kg

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



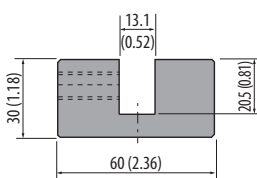
Model	α	V (mm)	V (in)
INS20.06.88	88°	6	0.24
INS20.08.88	88°	8	0.31
INS20.10.88	88°	10	0.39
INS20.12.88	88°	12	0.47
INS20.16.88	88°	16	0.63
INS20.06.60	60°	6	0.24
INS20.08.60	60°	8	0.31
INS20.10.60	60°	10	0.39
INS20.12.60	60°	12	0.47
INS20.16.60	60°	16	0.63

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

Die adapters

AD6

1000 kN/m max.



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

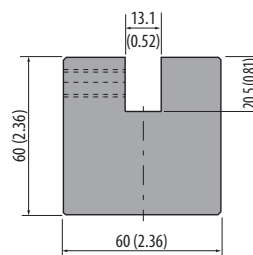
Rolleri Type R1
→ Rolleri Type R2/R3

C45: 560-710 N/mm²



AD5

1000 kN/m max.



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

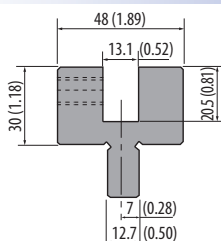
Rolleri Type R1
→ Rolleri Type R2/R3

C45: 560-710 N/mm²



AD8-12.7

1000 kN/m max.



1000 mm	39.37 in	15.0 kg
500 mm	19.68 in	7.5 kg

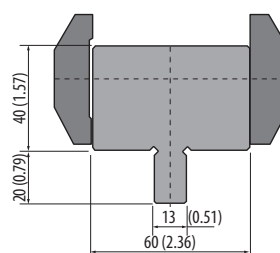
Rolleri Type RX LVD
→ Rolleri Type R2/R3

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

