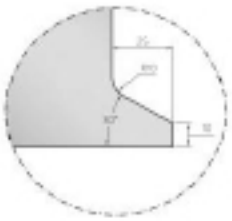
STANDARD PUNCH LENGTHS

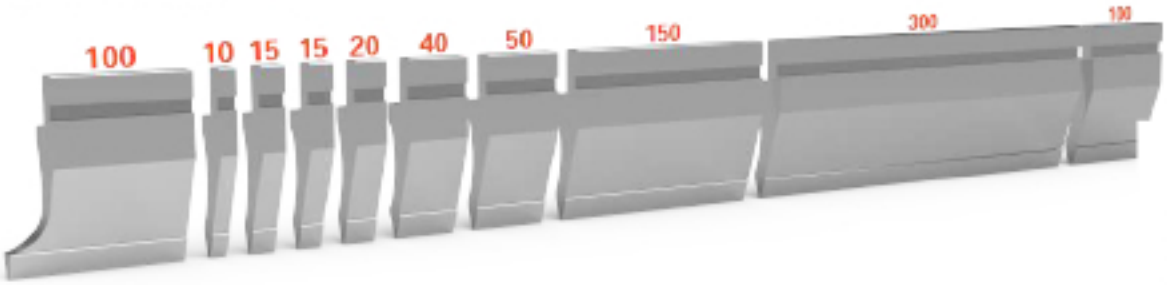
415mm



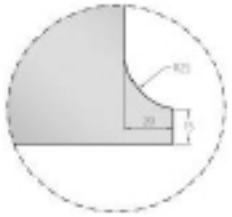
TYPE I



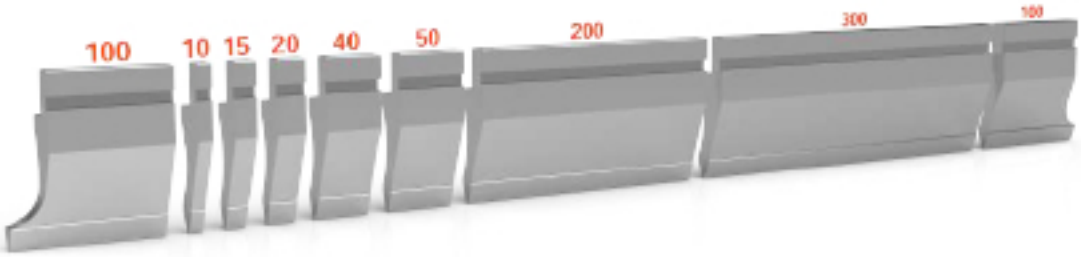
800mm sectionalized



TYPE II



835mm sectionalized

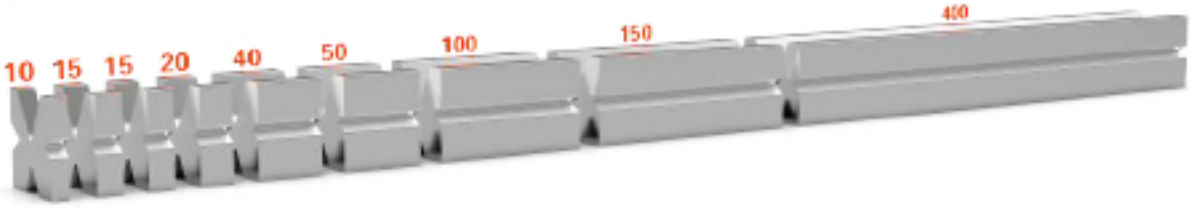


STANDARD DIE LENGTHS

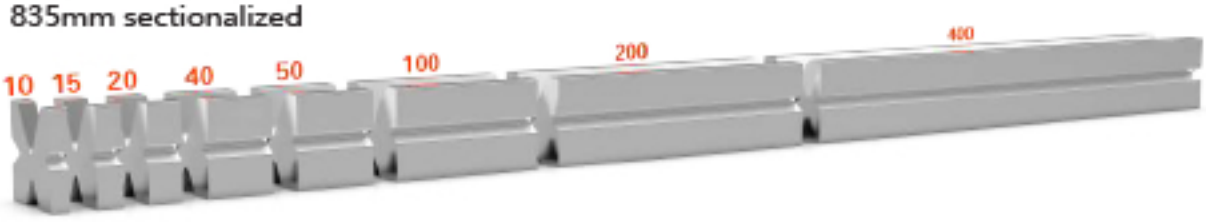
415mm



800mm sectionalized



835mm sectionalized

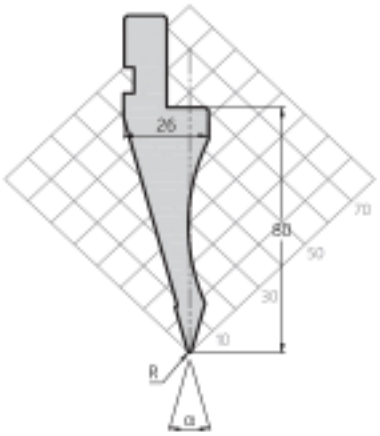


1. MOST TOOLS CAN BE EASILY LOADED BY ASINGLE OPERATOR.
2. EASY TO STORE.
3. MOST SECTIONALIZED PUNCHES INCLUDETWO EAR PIECES (HORNS).
4. SPECIAL TOOLING AVAILABLE. PLEASECONTACT THE APPLICATION SALES DESK.

NO.V-AM001

R=0.6
α=30°
835mm=9.1kg
800mm=8.3kg
415mm=4.5kg

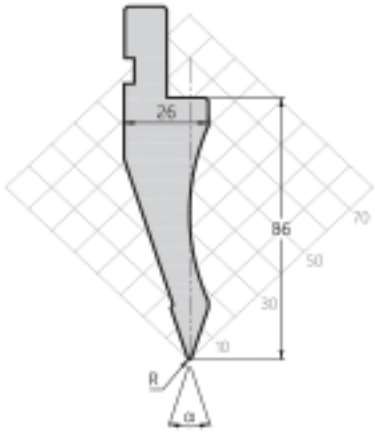
Load: 500KN/m max



NO.V-AM002

R=0.6/1.5
α=35°
835mm=11.2kg
800mm=10.3kg
415mm=5.6kg

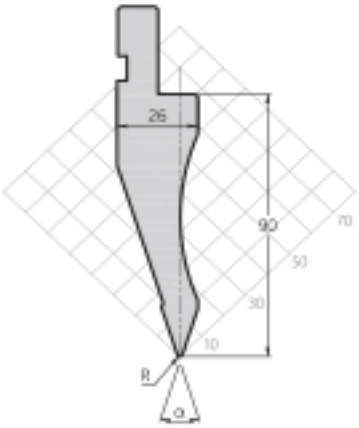
Load: 700KN/m max



NO.V-AM003

R=0.8
α=35°
835mm=11.7kg
800mm=10.9kg
415mm=5.8kg

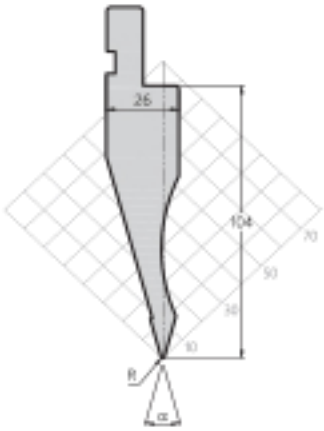
Load: 700KN/m max



NO.V-AM004

R=0.6
α=30°
835mm=13.2kg
800mm=12.1kg
415mm=6.6kg

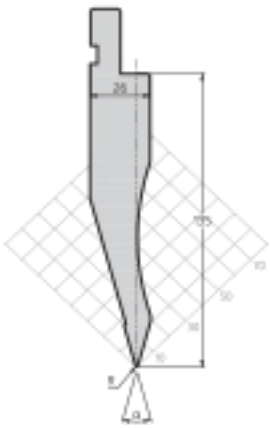
Load: 500KN/m max



NO.V-AM005

R=0.5
α=30°
835mm=18.4kg
800mm=16.7kg
415mm=9.1kg

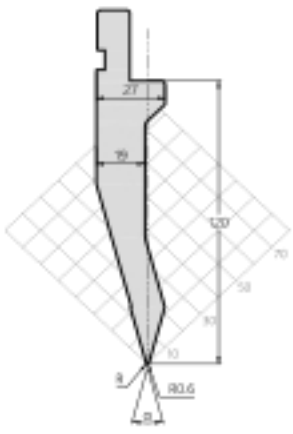
Load: 800KN/m max



NO.V-AM006

R=0.6/1.5/3/4
α=30°
835mm=16.1kg
800mm=15kg
415mm=8kg

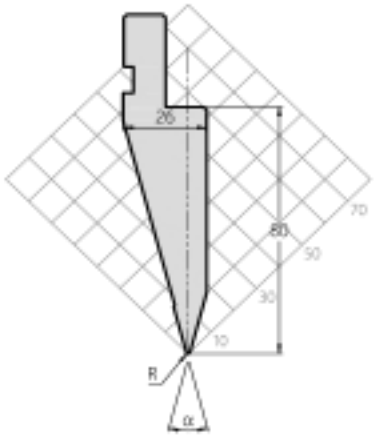
Load: 1000KN/m max



NO.V-AM007

R=0.6/3
α=30°
835mm=12kg
800mm=11kg
415mm=6kg

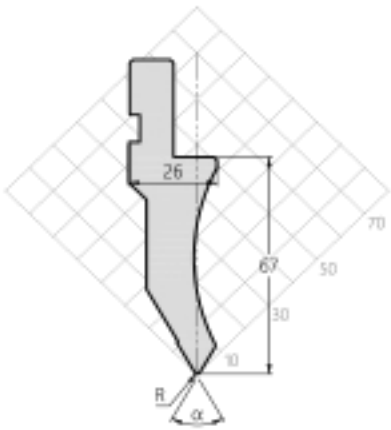
Load: 1000KN/m max



NO.V-AM008

R=0.8/2
α=60°
835mm=8.8kg
800mm=7.9kg
415mm=4.3kg

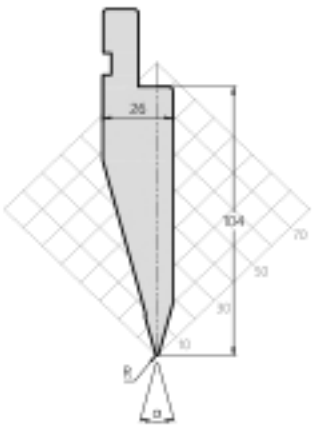
Load: 600KN/m max



NO.V-AM009

R=0.6/3/5
α=30°
835mm=14.7kg
800mm=13.4kg
415mm=7.3kg

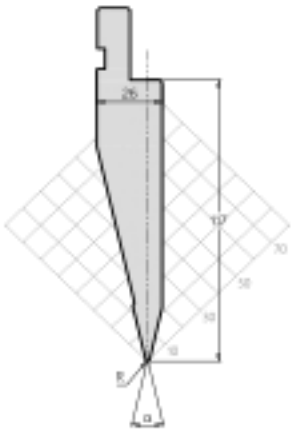
Load: 1000KN/m max



NO.V-AM0010

R=0.8
α=26°
835mm=16kg
800mm=14.7kg
415mm=8kg

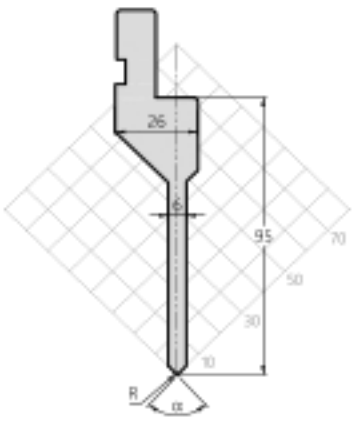
Load: 1000KN/m max



NO.V-AM011

R=0.6
α=85°/88°
835mm=9.1kg
800mm=8.3kg
415mm=4.5kg

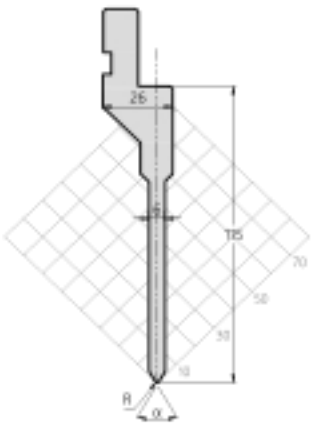
Load: 500KN/m max



NO.V-AM012

R=0.6/1.5/3/4
α=30°
835mm=9.6kg
800mm=8.8kg
415mm=4.8kg

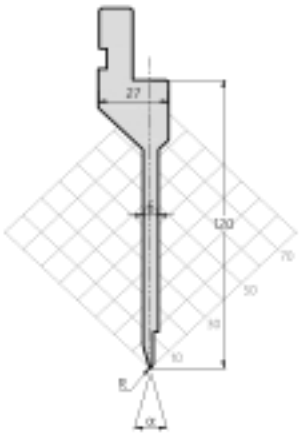
Load: 500KN/m max



NO.V-AM013

R=0.6
α=30°
835mm=9.8kg
800mm=9.1kg
415mm=4.9kg

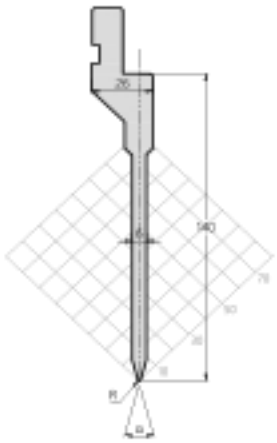
Load: 450KN/m max



NO.V-AM014

R=0.6
α=30°
835mm=10.5kg
800mm=9.6kg
415mm=5.2kg

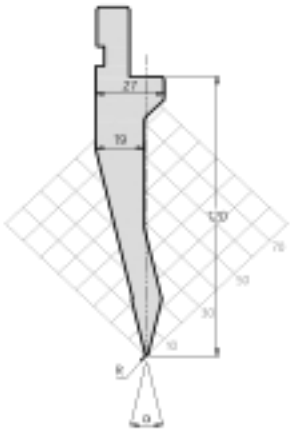
Load: 500KN/m max



NO.V-AM015

R=1.5
α=26°
835mm=15.0kg
800mm=14.0kg
415mm=7.5kg

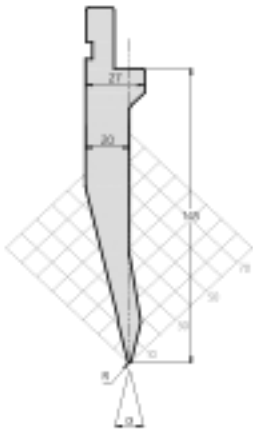
Load: 1000KN/m max



NO.V-AM016

R=0.8
α=26°
835mm=17.7kg
800mm=16.4kg
415mm=8.8kg

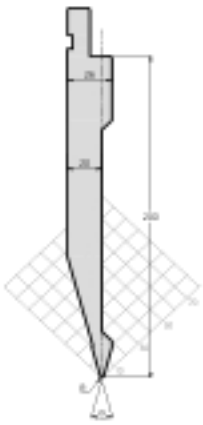
Load: 950KN/m max



NO.V-AM017

R=0.6/1
α=25°/30°
835mm=26.4kg
800mm=24.0kg
415mm=13.1kg

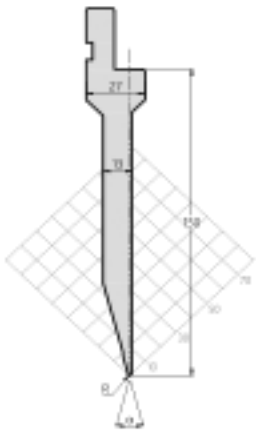
Load: 500KN/m max



NO.V-AM018

R=0.5/0.8
α=15°/19°
835mm=15.3kg
800mm=13.9kg
415mm=7.6kg

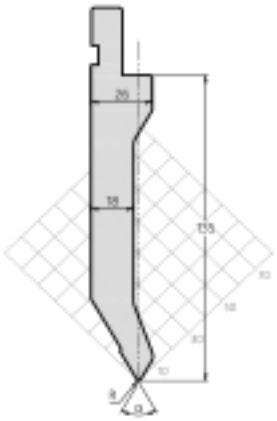
Load: 400KN/m max



NO.V-AM019

R=0.8/1/2
α=60°
835mm=18.3kg
800mm=16.7kg
415mm=9.1kg

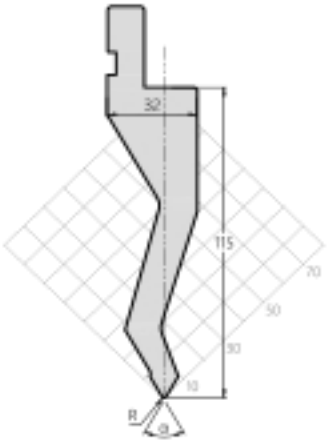
Load: 700KN/m max



NO.V-AM020

R=0.8/1
α=60°
835mm=14.9kg
800mm=13.6kg
415mm=7.4kg

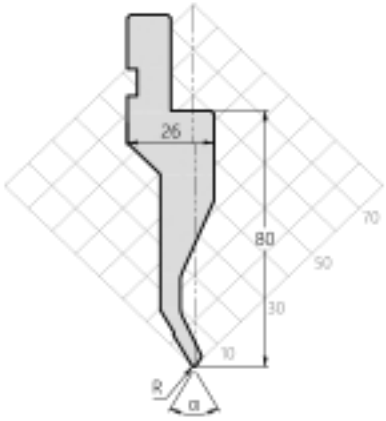
Load: 600KN/m max



NO.V-AM021

R=0.5/0.8
α=60°
835mm=9.0kg
800mm=8.3kg
415mm=4.5kg

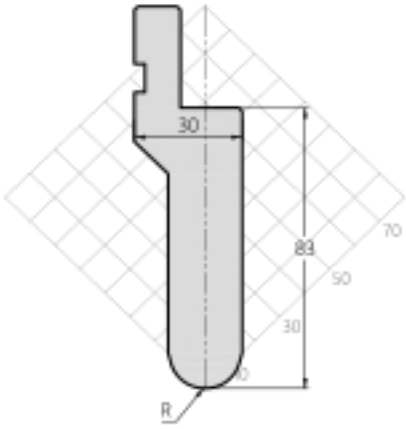
Load: 250KN/m max



NO.V-AM022

R=10
α=30°
835mm=14.4kg
800mm=13.3kg
415mm=7.2kg

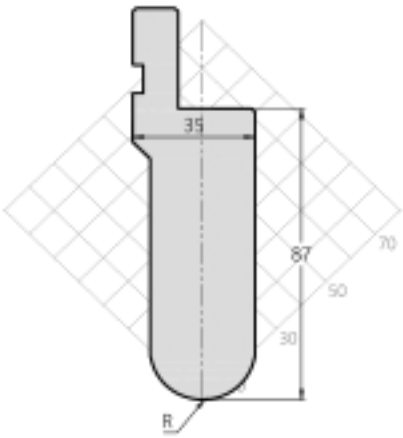
Load: 1000KN/m max



NO.V-AM023

R=15
α=30°
835mm=19.3kg
800mm=17.8kg
415mm=9.6kg

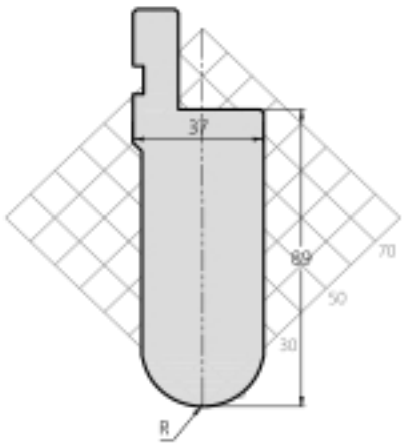
Load: 1000KN/m max



NO.V-AM024

R=17
α=30°
835mm=22.1kg
800mm=20.3kg
415mm=11.0kg

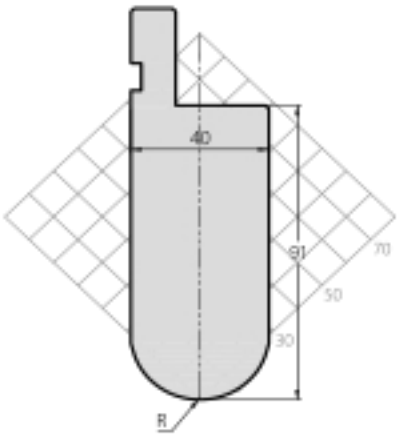
Load: 1000KN/m max



NO.V-AM025

R=20
α=30°
835mm=25.3kg
800mm=23.3kg
415mm=12.6kg

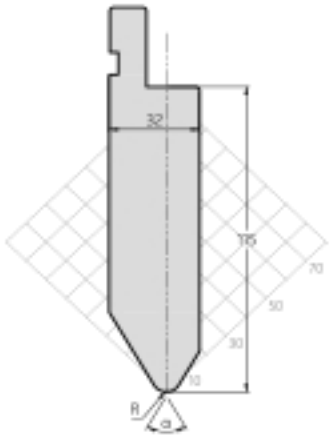
Load: 1000KN/m max



NO.V-AM026

R=5/10
α=60°
835mm=25.2kg
800mm=23.0kg
415mm=12.5kg

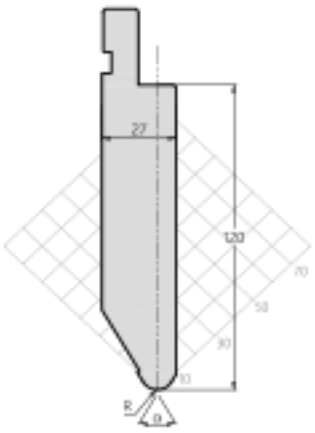
Load: 1000KN/m max



NO.V-AM027

R=5/6
α=60°
835mm=22.0kg
800mm=20.4kg
415mm=10.9kg

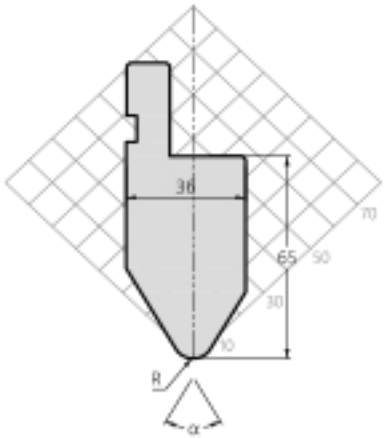
Load: 1000KN/m max



NO.V-AM028

R=5/6
α=60°
835mm=15.3kg
800mm=14.0kg
415mm=7.6kg

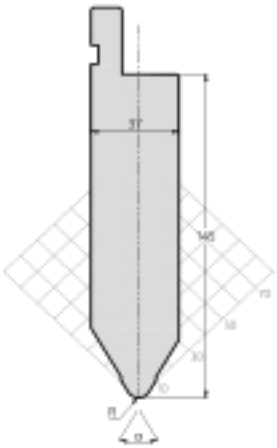
Load: 1000KN/m max



NO.V-AM029

R=5/6
α=60°
835mm=34.5kg
800mm=33.0kg
415mm=17.1kg

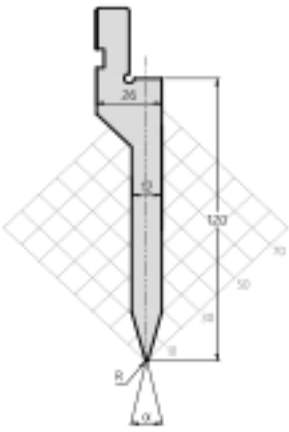
Load: 1600KN/m max



NO.V-AM030

R=0.5/0.6/1
α=26°/30°
835mm=14.0kg
800mm=12.8kg
415mm=7.0kg

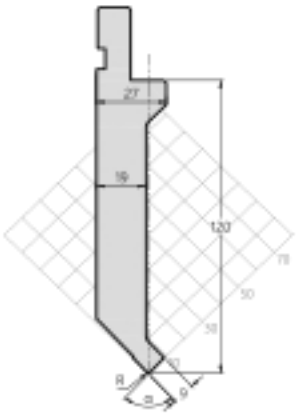
Load: 500KN/m max



NO.V-AM031

R=0.6/1.5/3
α=83°/85°/86°/88°
835mm=17.3kg
800mm=16.0kg
415mm=8.6kg

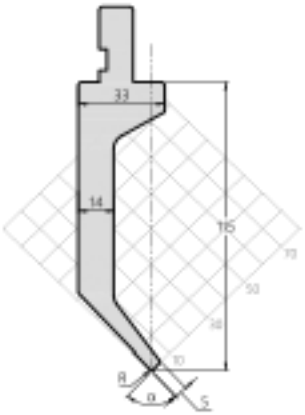
Load: 1000KN/m max



NO.V-AM032

R=0.6
α=83°/85°
835mm=13.7kg
800mm=12.5kg
415mm=6.8kg

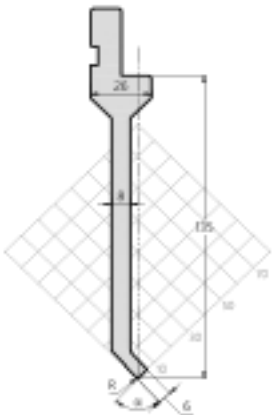
Load: 200KN/m max



NO.V-AM033

R=0.6
α=85°
835mm=11.0kg
800mm=10.1kg
415mm=5.5kg

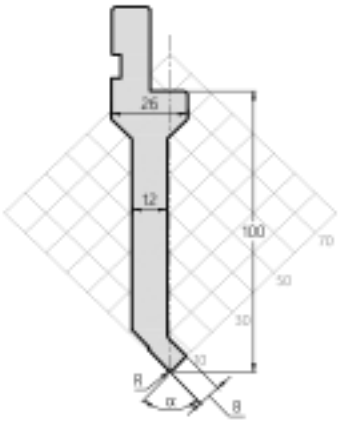
Load: 400KN/m max



NO.V-AM034

R=0.6/0.8/1/1.5
α=85°/88°
835mm=10.5kg
800mm=10.0kg
415mm=5.3kg

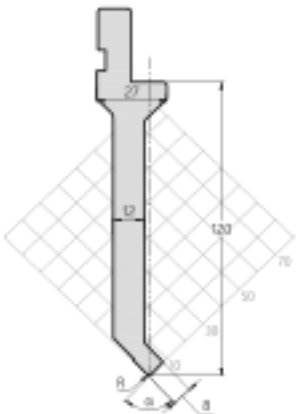
Load: 500KN/m max



NO.V-AM035

R=0.5/0.8/1/1.5
α=85°/88°
835mm=12.6kg
800mm=11.7kg
415mm=6.3kg

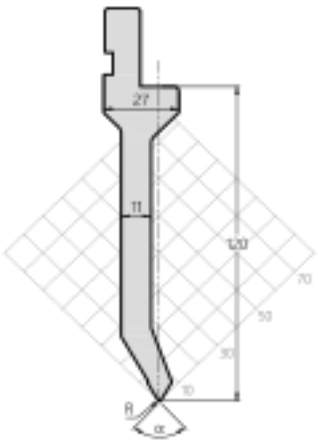
Load: 500KN/m max



NO.V-AM036

R=0.6/1/1.5
α=60°
835mm=12.2kg
800mm=11.3kg
415mm=6.1kg

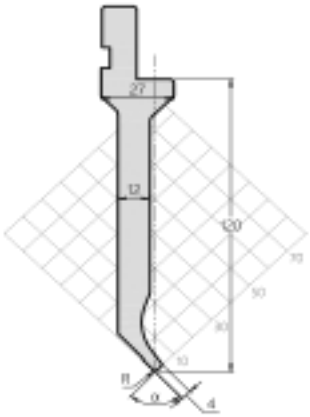
Load: 700KN/m max



NO.V-AM037

R=0.6/0.8
α=85°
835mm=12.1kg
800mm=11.2kg
415mm=6.0kg

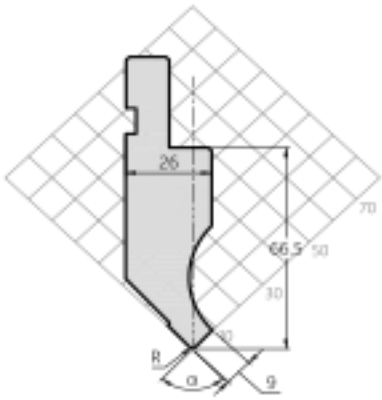
Load: 300KN/m max



NO.V-AM038

R=0.6/0.8/1/2/3
α=85°
835mm=11.1kg
800mm=10.1kg
415mm=5.5kg

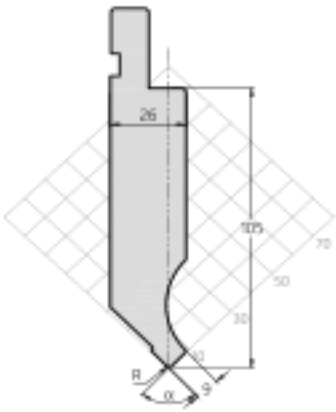
Load: 1000KN/m max



NO.V-AM039

R=0.6/0.8/1/2/3
α=85°
835mm=17.7kg
800mm=16.2kg
415mm=8.8kg

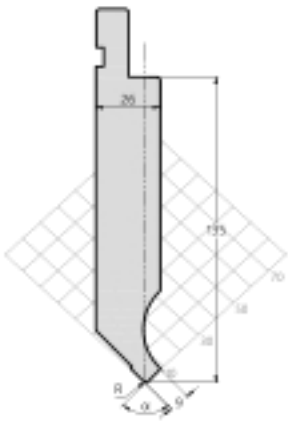
Load: 1000KN/m max

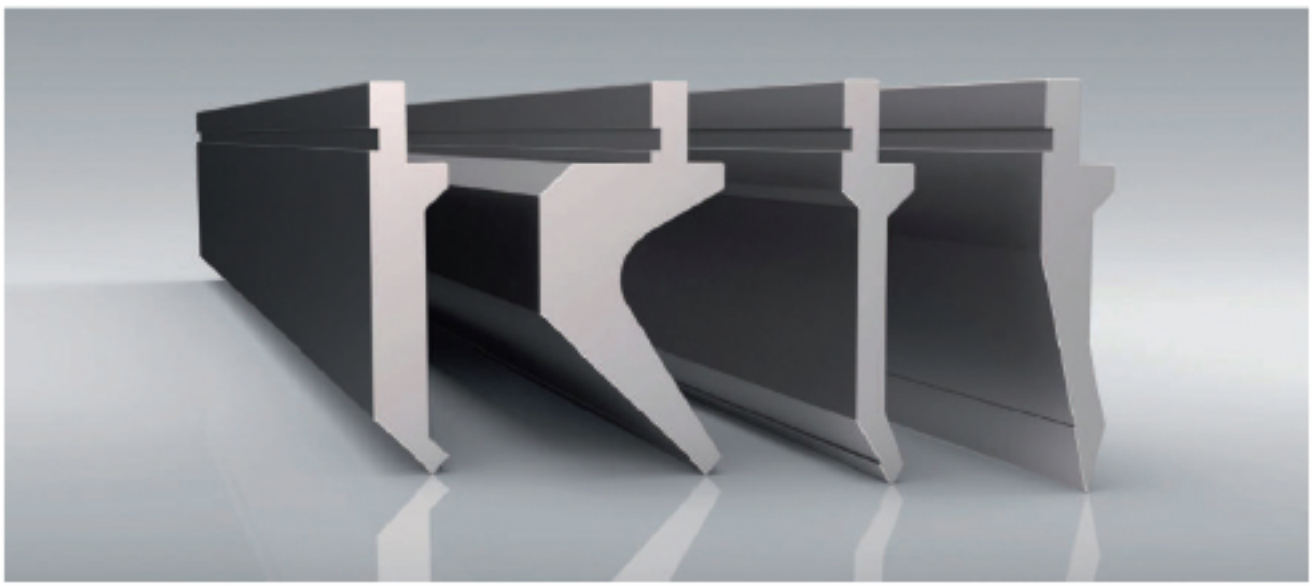


NO.V-AM040

R=0.6/0.8/1/2/3
α=85°
835mm=22.8kg
800mm=20.7kg
415mm=11.3kg

Load: 1000KN/m max

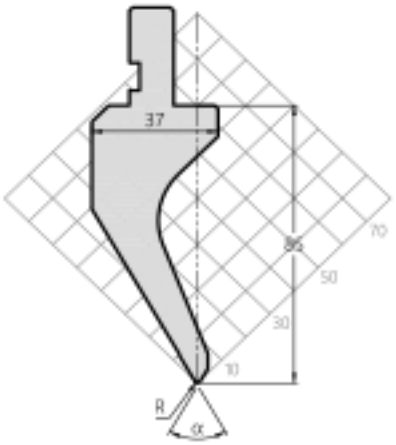




NO.V-AM041

R=0.8/1.5
α=60°
835mm=12.5kg
800mm=11.6kg
415mm=6.2kg

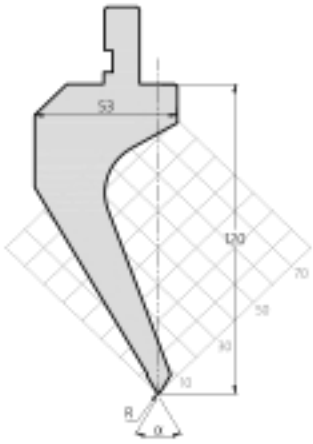
Load: 400KN/m max



NO.V-AM042

R=0.8/1/1.5
α=60°
835mm=20.9kg
800mm=19.4kg
415mm=10.4kg

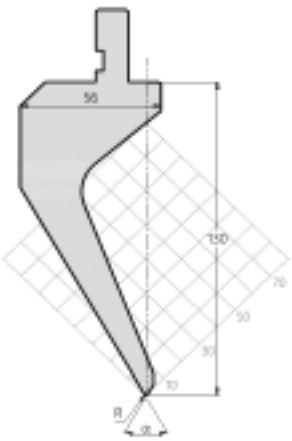
Load: 700KN/m max



NO.V-AM043

R=0.6/0.8
α=60°
835mm=22.4kg
800mm=20.4kg
415mm=11.1kg

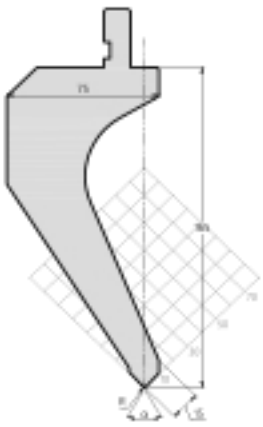
Load: 700KN/m max



NO.V-AM0044

R=0.8/1/2
α=85°
835mm=41.1kg
800mm=38.1kg
415mm=20.4kg

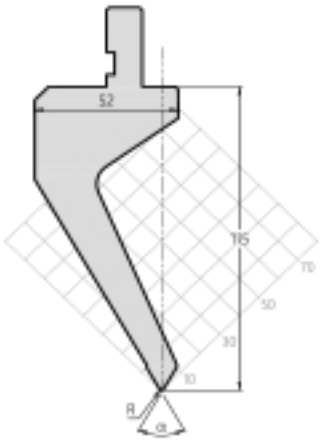
Load: 600KN/m max



NO.V-AM045

R=0.8/1.5
α=60°
835mm=19.6kg
800mm=17.8kg
415mm=9.7kg

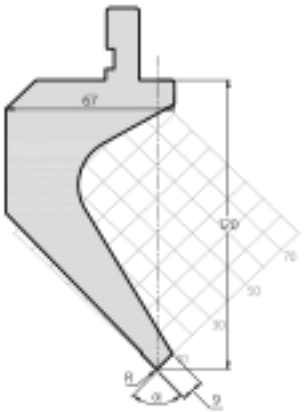
Load: 400KN/m max



NO.V-AM046

R=0.6/1.5/3
α=85°/86°
835mm=26.6kg
800mm=24.2kg
415mm=13.2kg

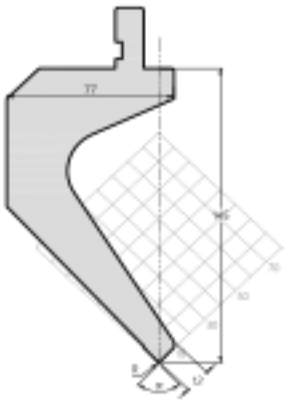
Load: 500KN/m max



NO.V-AM047

R=0.6/0.8/1.5/3
α=85°
835mm=34.8kg
800mm=31.7kg
415mm=17.3kg

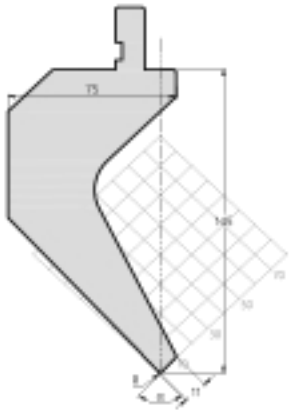
Load: 600KN/m max



NO.V-AM048

R=0.8/1.5/2/3
α=85°
835mm=39.3kg
800mm=35.3kg
415mm=19.5kg

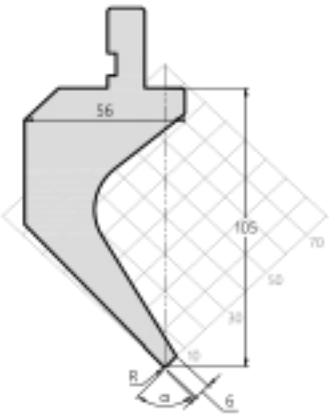
Load: 700KN/m max



NO.V-AM049

R=0.6/0.8/1
α=85°
835mm=20.3kg
800mm=18.5kg
415mm=10.1kg

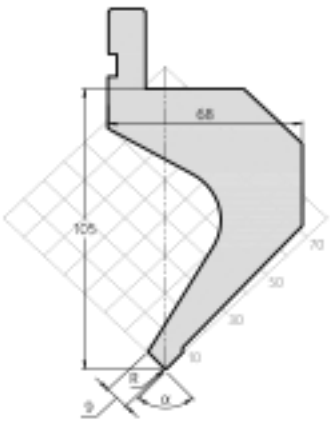
Load: 500KN/m max



NO.V-AM050

R=0.6/0.8/1
α=85°
835mm=23.8kg
800mm=21.6kg
415mm=11.8kg

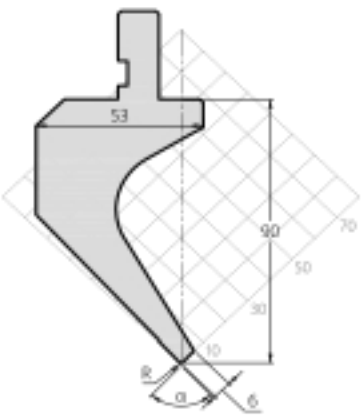
Load: 450KN/m max



NO.V-AM051

R=0.5/0.8/1
α=85°
835mm=16.9kg
800mm=15.4kg
415mm=8.4kg

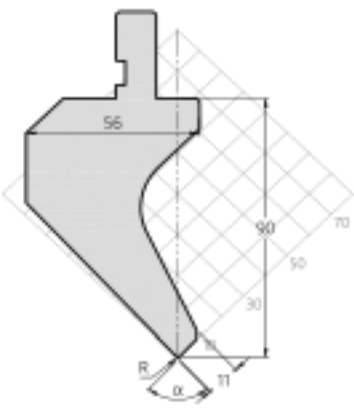
Load: 500KN/m max



NO.V-AM052

R=0.6/0.8/1.5
α=85°
835mm=20.9kg
800mm=19.1kg
415mm=10.1kg

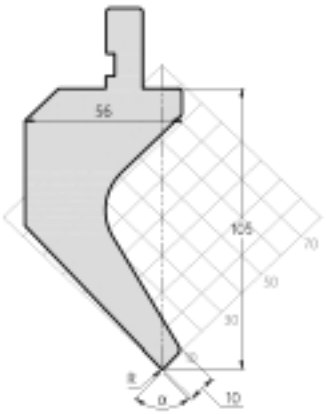
Load: 600KN/m max



NO.V-AM053

R=0.6/0.8/1.5
α=85°
835mm=22.5kg
800mm=20.5kg
415mm=11.2kg

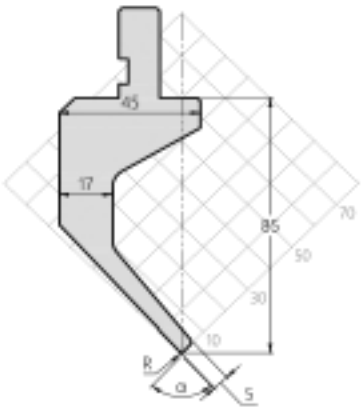
Load: 500KN/m max



NO.V-AM054

R=0.6/0.8
α=85°
835mm=12.8kg
800mm=11.9kg
415mm=6.4kg

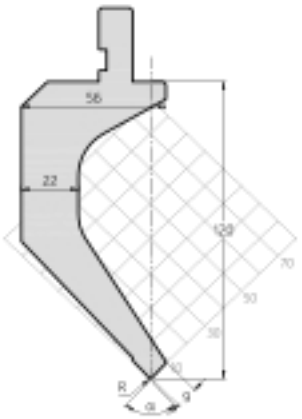
Load: 120KN/m max



NO.V-AM055

R=0.5/0.6/0.8/1
α=85°
835mm=21.4kg
800mm=19.5kg
415mm=10.6kg

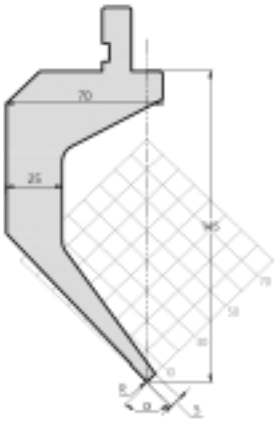
Load: 500KN/m max



NO.V-AM056

R=0.5/0.8
α=85°
835mm=27.7kg
800mm=25.3kg
415mm=13.8kg

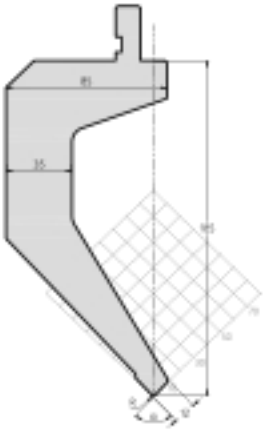
Load: 250KN/m max



NO.V-AM057

R=0.6/0.8/1/1.5
α=85°
835mm=45.4kg
800mm=43.5kg
415mm=22.5kg

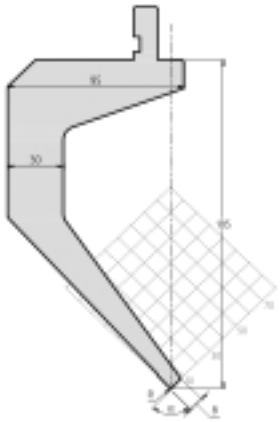
Load: 600KN/m max



NO.V-AM058

R=0.6/0.8/1
α=85°
835mm=39.4kg
800mm=37.8kg
415mm=19.5kg

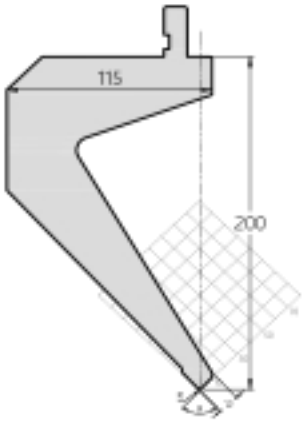
Load: 400KN/m max



NO.V-AM059

R=0.6/0.8/1
α=85°
835mm=61.0kg
800mm=58.0kg
415mm=30.0kg

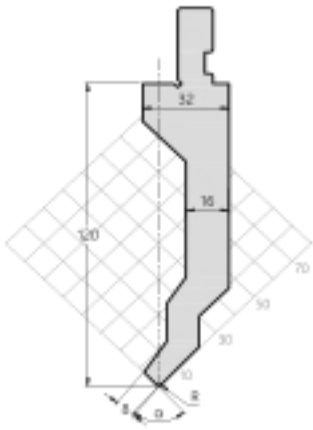
Load: 700KN/m max



NO.V-AM060

R=0.6/1
α=85°
835mm=20.0kg
800mm=18.5kg
415mm=10.0kg

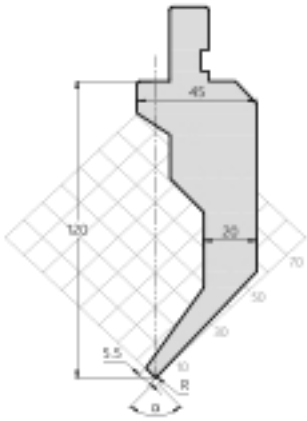
Load: 600KN/m max



NO.V-AM061

R=0.5/0.8/1
α=82°/85°
835mm=27.0kg
800mm=25.4kg
415mm=13.0kg

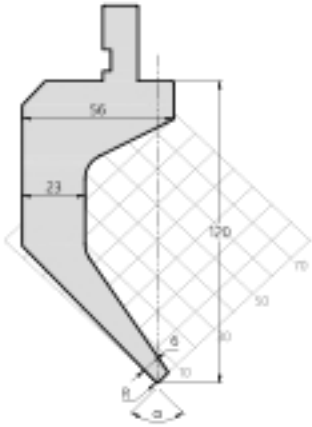
Load: 350KN/m max



NO.V-AM062

R=0.6/0.8/1
α=82°/85°
835mm=27.5kg
800mm=26.0kg
415mm=13.5kg

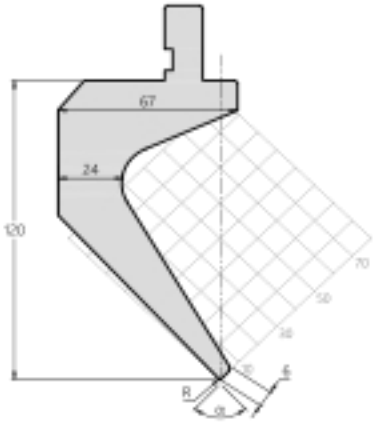
Load: 400KN/m max



NO.V-AM063

R=0.5/0.8/1
α=82°/85°
835mm=33.0kg
800mm=31.5kg
415mm=16.5kg

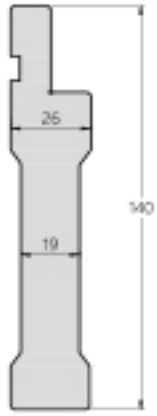
Load: 400KN/m max



NO.V-AM064

R=0
α=180°
835mm=19.0kg
800mm=18.0kg
415mm=9kg

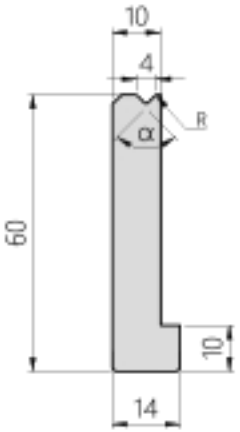
Load: 1000KN/m max



NO.V-BM001

R=0.6
α=86°
835mm=4.1kg
800mm=4.0kg
415mm=2.1kg

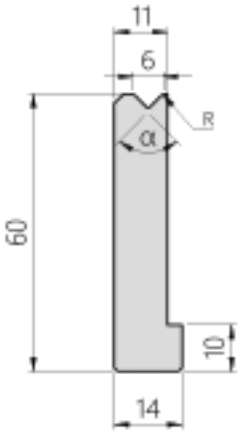
Load: 750KN/m max



NO.V-BM002

R=1
α=86°
835mm=4.4kg
800mm=4.2kg
415mm=2.2kg

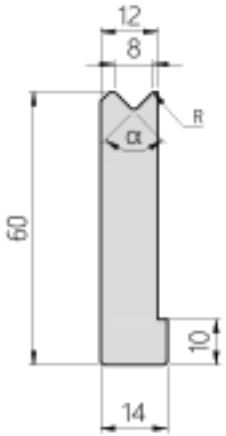
Load: 800KN/m max



NO.V-BM003

R=1.5
α=86°
835mm=4.7kg
800mm=4.5kg
415mm=2.3kg

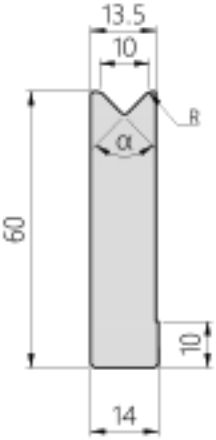
Load: 900KN/m max



NO.V-BM004

R=2
α=86°
835mm=5.2kg
800mm=4.9kg
415mm=2.6kg

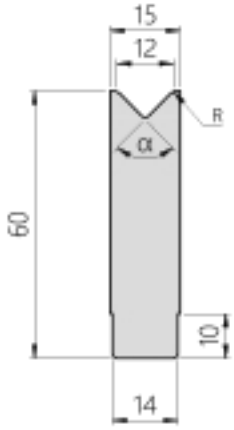
Load: 1000KN/m max



NO.V-BM005

R=2.5
α=86°
835mm=5.6kg
800mm=5.3kg
415mm=2.8kg

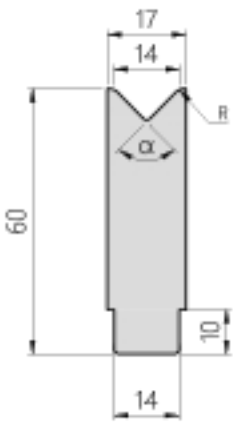
Load: 1000KN/m max



NO.V-BM006

R=2.5
α=86°
835mm=6.1kg
800mm=5.9kg
415mm=3.0kg

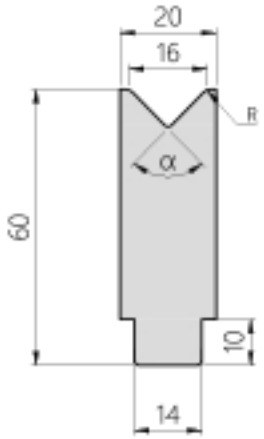
Load: 1000KN/m max



NO.V-BM007

R=2.5
α=86°
835mm=7.0kg
800mm=6.5kg
415mm=3.5kg

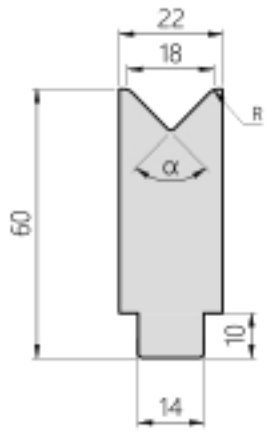
Load: 1000KN/m max



NO.V-BM008

R=2.5
α=86°
835mm=7.6kg
800mm=7.2kg
415mm=3.8kg

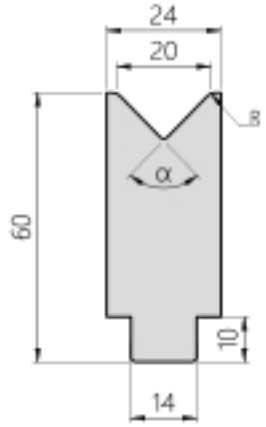
Load: 1000KN/m max



NO.V-BM009

R=2.5
α=86°
835mm=8.2kg
800mm=7.9kg
415mm=4.1kg

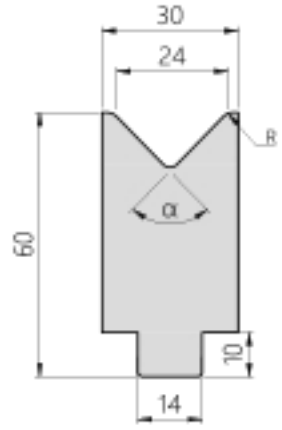
Load: 1000KN/m max



NO.V-BM010

R=3
α=86°
835mm=9.5kg
800mm=9.1kg
415mm=4.7kg

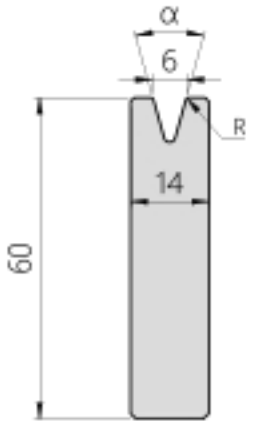
Load: 1000KN/m max



NO.V-BM011

R=0.6
α=30°
835mm=5.8kg
800mm=5.1kg
415mm=2.6kg

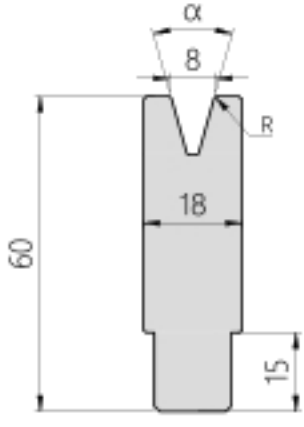
Load: 350KN/m max



NO.V-BM012

R=0.8
α=30°
835mm=6.3kg
800mm=6.0kg
415mm=3.1kg

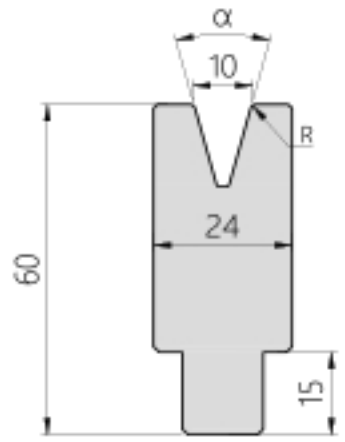
Load: 350KN/m max



NO.V-BM013

R=1
α=30°
835mm=7.8kg
800mm=7.5kg
415mm=3.9kg

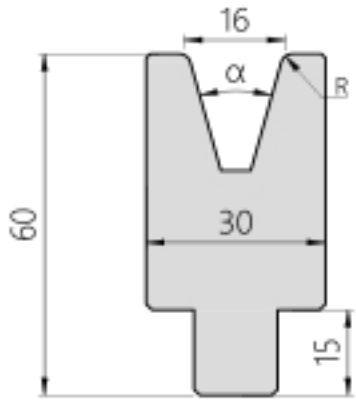
Load: 500KN/m max



NO.V-BM014

R=2
α=30°
835mm=8.8kg
800mm=8.4kg
415mm=4.4kg

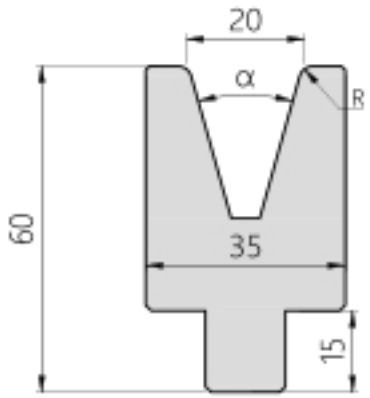
Load: 450KN/m max



NO.V-BM015

R=2.5
α=30°
835mm=9.4kg
800mm=9.0kg
415mm=4.7kg

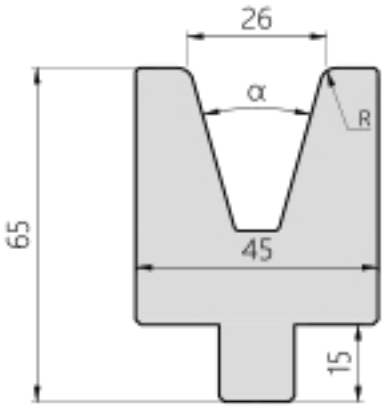
Load: 500KN/m max



NO.V-BM016

R=3
α=30°
835mm=12.7kg
800mm=12.1kg
415mm=6.3kg

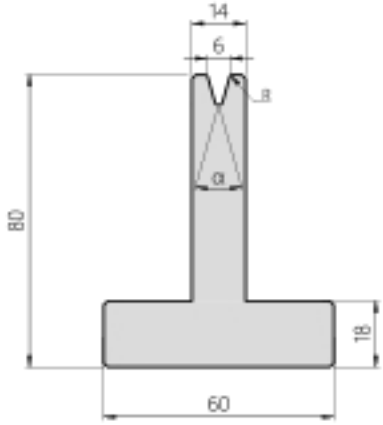
Load: 500KN/m max



NO.V-BM017

R=0.6
α=30°
835mm=12.4kg
800mm=12.0kg
415mm=6.2kg

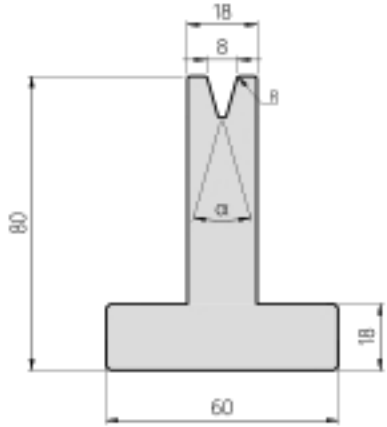
Load: 350KN/m max



NO.V-BM018

R=0.8
α=30°
835mm=14.0kg
800mm=13.4kg
415mm=7.0kg

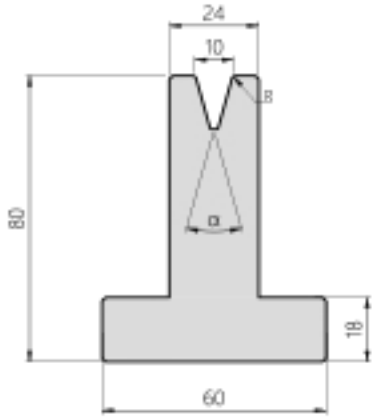
Load: 350KN/m max



NO.V-BM019

R=1
α=30°
835mm=16.2kg
800mm=15.5kg
415mm=8.1kg

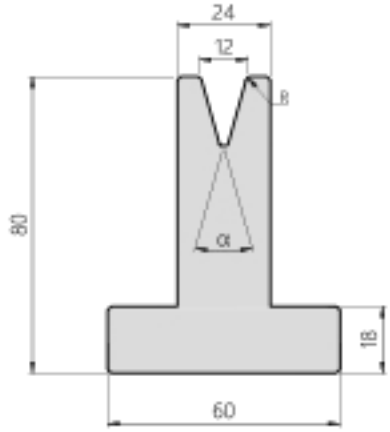
Load: 500KN/m max



NO.V-BM020

R=1.5
α=30°
835mm=15.9kg
800mm=15.3kg
415mm=7.9kg

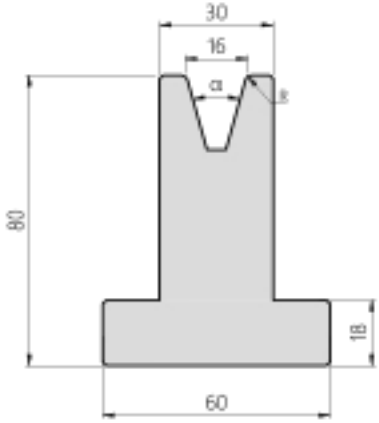
Load: 400KN/m max



NO.V-BM021

R=2
α=30°
835mm=17.8kg
800mm=17.1kg
415mm=8.9kg

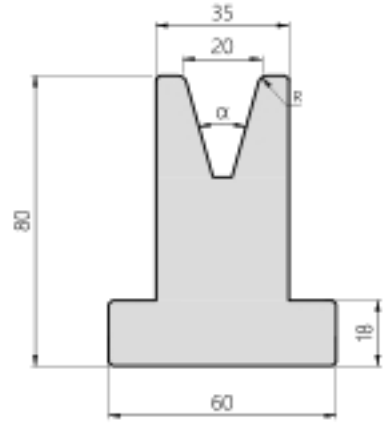
Load: 450KN/m max



NO.V-BM022

R=2.5
α=30°
835mm=19.2kg
800mm=18.5kg
415mm=9.6kg

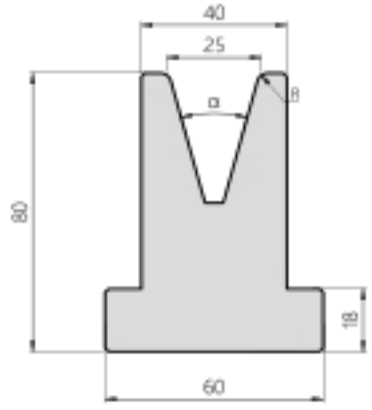
Load: 500KN/m max



NO.V-BM023

R=3
α=30°
835mm=19.6kg
800mm=18.8kg
415mm=9.8kg

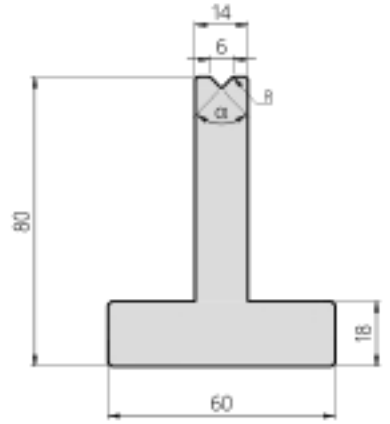
Load: 500KN/m max



NO.V-BM024

R=1.5
α=85°/88°
835mm=12.7kg
800mm=12.1kg
415mm=6.3kg

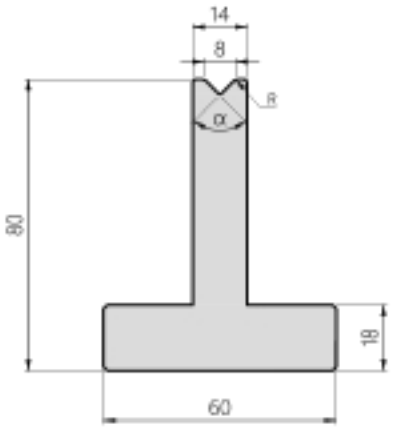
Load: 1000KN/m max



NO.V-BM025

R=2
α=85°/88°
835mm=12.6kg
800mm=12.1kg
415mm=6.3kg

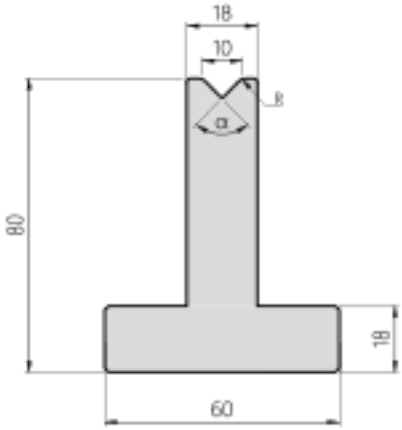
Load: 1000KN/m max



NO.V-BM026

R=2.5
α=85°/88°
835mm=14.2kg
800mm=13.6kg
415mm=7.1kg

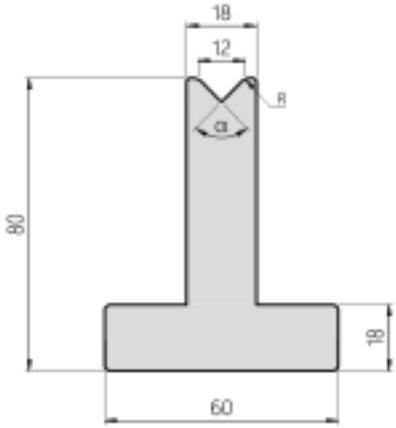
Load: 1000KN/m max



NO.V-BM027

R=3
α=85°/88°
835mm=14.1kg
800mm=13.5kg
415mm=7.0kg

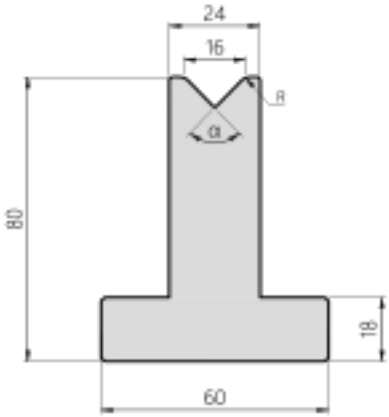
Load: 1000KN/m max



NO.V-BM028

R=3.5
α=85°/88°
835mm=16.3kg
800mm=15.7kg
415mm=8.1kg

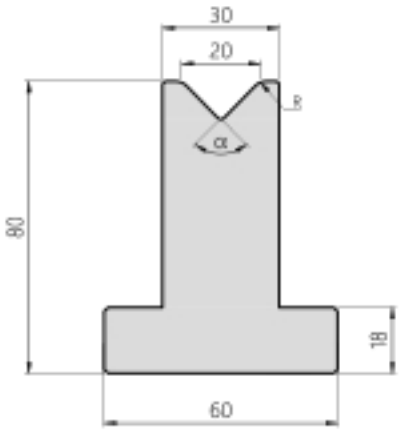
Load: 1000KN/m max



NO.V-BM029

R=4
α=85°/88°
835mm=18.4kg
800mm=17.7kg
415mm=9.2kg

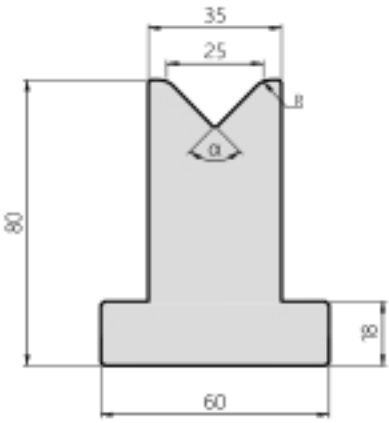
Load: 1000KN/m max



NO.V-BM030

R=5
α=85°/88°
835mm=20.1kg
800mm=19.3kg
415mm=10.0kg

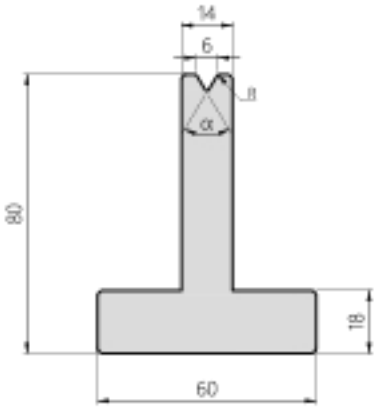
Load: 1000KN/m max



NO.V-BM031

R=0.4
α=60°
835mm=12.6kg
800mm=12.1kg
415mm=6.3kg

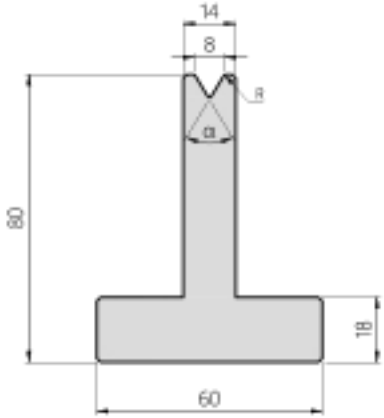
Load: 600KN/m max



NO.V-BM032

R=0.5
α=60°
835mm=12.4kg
800mm=12.0kg
415mm=6.2kg

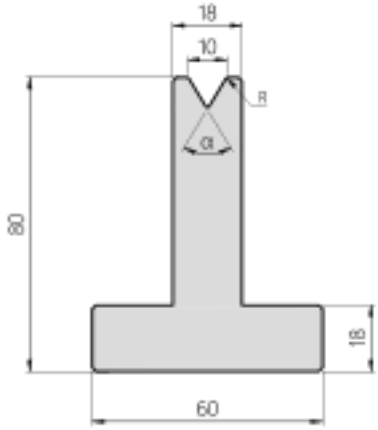
Load: 600KN/m max



NO.V-BM033

R=0.6
α=60°
835mm=14.1kg
800mm=13.5kg
415mm=7.0kg

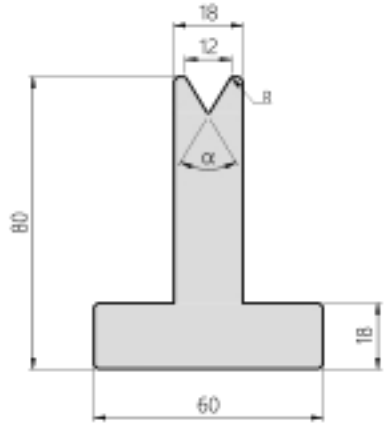
Load: 600KN/m max



NO.V-BM034

R=0.8
α=60°
835mm=14.0kg
800mm=13.4kg
415mm=6.9kg

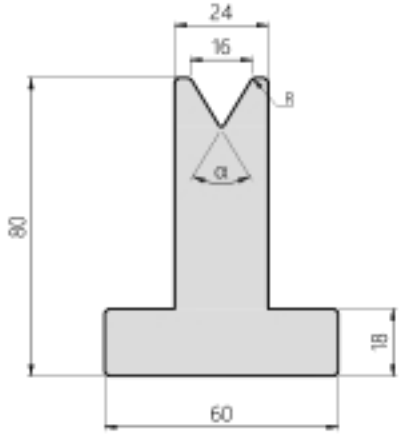
Load: 600KN/m max



NO.V-BM035

R=1.6
α=60°
835mm=16.1kg
800mm=15.4kg
415mm=8.0kg

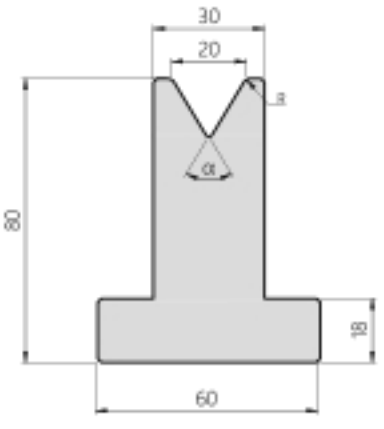
Load: 600KN/m max



NO.V-BM036

R=2
α=60°
835mm=18.1kg
800mm=17.4kg
415mm=9.0kg

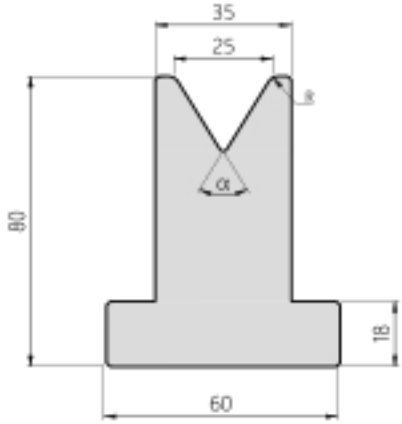
Load: 600KN/m max



NO.V-BM037

R=2
α=85°/88°
835mm=12.6kg
800mm=12.1kg
415mm=6.3kg

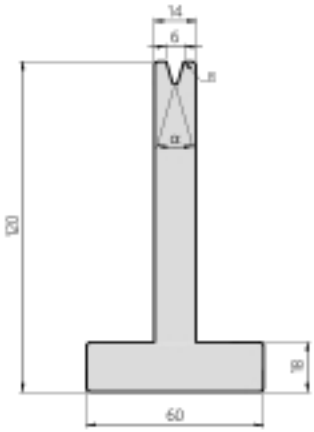
Load: 1000KN/m max



NO.V-BM038

R=0.6
α=30°
835mm=16.2kg
800mm=15.5kg
415mm=8.1kg

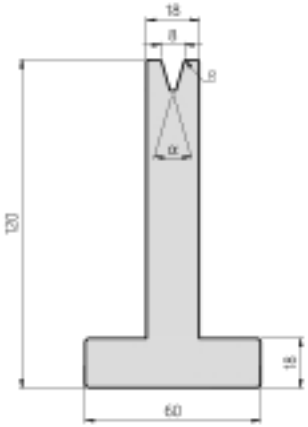
Load: 350KN/m max



NO.V-BM039

R=0.8
α=30°
835mm=18.7kg
800mm=18kg
415mm=9.3kg

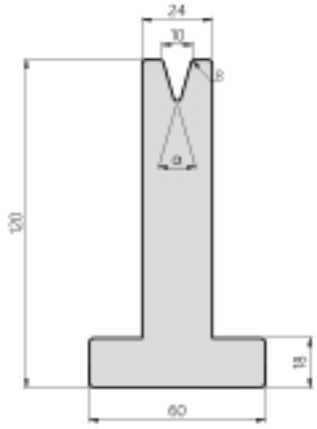
Load: 350KN/m max



NO.V-BM040

R=1
α=30°
835mm=22.8kg
800mm=21.9kg
415mm=11.3kg

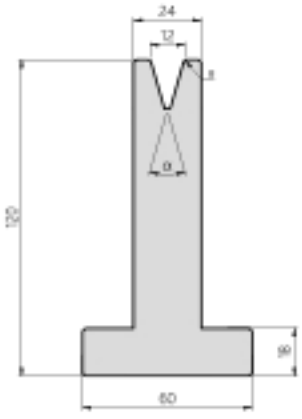
Load: 500KN/m max



NO.V-BM041

R=1.5
α=30°
835mm=22.2kg
800mm=21.3kg
415mm=11.1kg

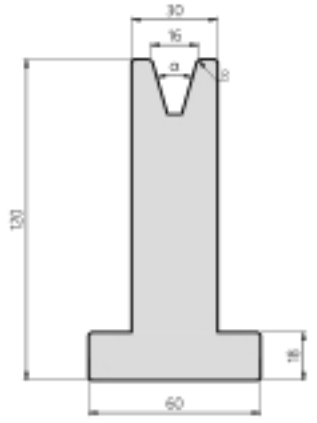
Load: 400KN/m max



NO.V-BM042

R=2
α=30°
835mm=25.7kg
800mm=24.6kg
415mm=12.8kg

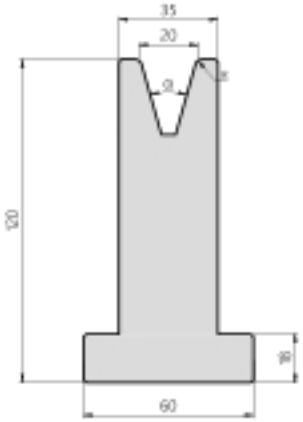
Load: 450KN/m max



NO.V-BM043

R=2.5
α=30°
835mm=28.1kg
800mm=27.0kg
415mm=14.0kg

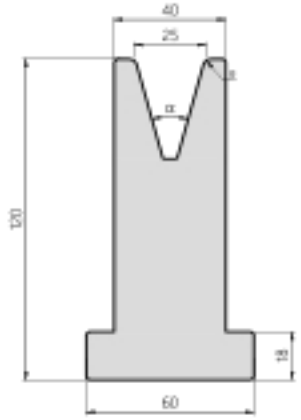
Load: 500KN/m max



NO.V-BM044

R=3
α=30°
835mm=30.1kg
800mm=28.9kg
415mm=15.0kg

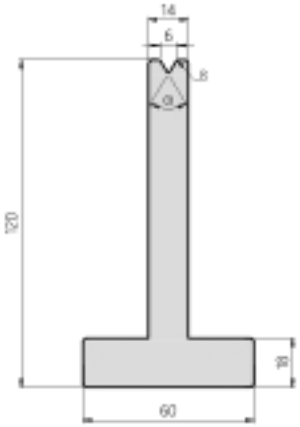
Load: 500KN/m max



NO.V-BM045

R=0.4
α=60°
835mm=16.3kg
800mm=15.6kg
415mm=8.1kg

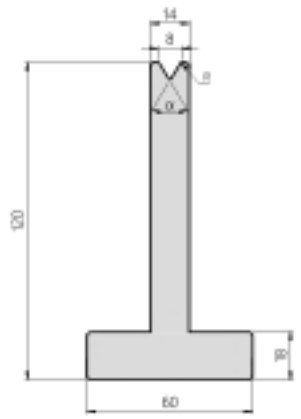
Load: 600KN/m max



NO.V-BM046

R=0.5
α=60°
835mm=16.2kg
800mm=15.5kg
415mm=8.1kg

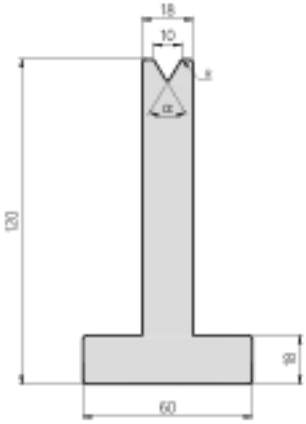
Load: 600KN/m max



NO.V-BM047

R=0.6
α=60°
835mm=18.8kg
800mm=18.0kg
415mm=9.3kg

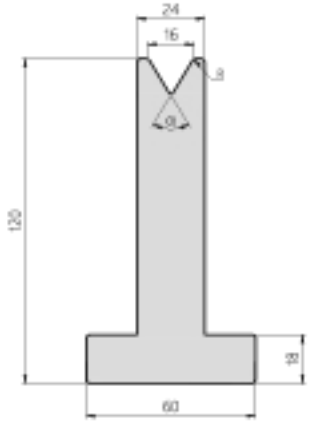
Load: 600KN/m max



NO.V-BM048

R=1.6
α=60°
835mm=22.4kg
800mm=21.4kg
415mm=11.1kg

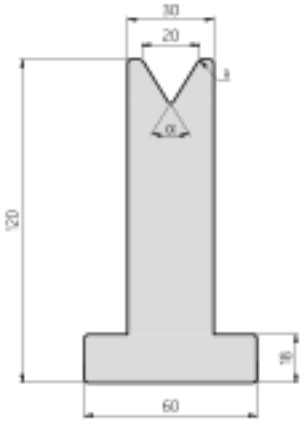
Load: 600KN/m max



NO.V-BM049

R=2
α=60°
835mm=26.0kg
800mm=24.9kg
415mm=12.9kg

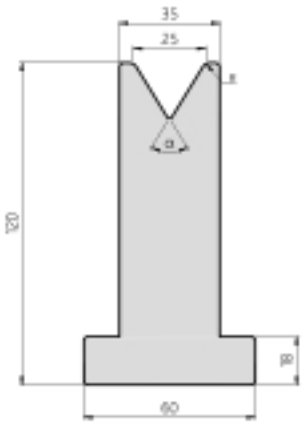
Load: 600KN/m max



NO.V-BM050

R=3
α=60°
835mm=28.7kg
800mm=27.5kg
415mm=14.3kg

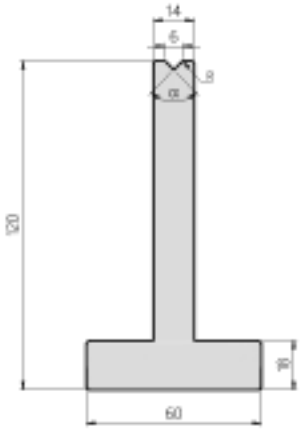
Load: 600KN/m max



NO.V-BM051

R=1.5
α=85°
835mm=16.3kg
800mm=15.7kg
415mm=8.1kg

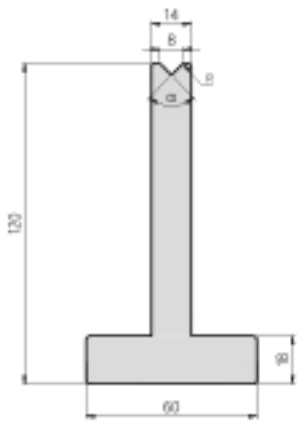
Load: 1000KN/m max



NO.V-BM052

R=2
α=85°
835mm=16.3kg
800mm=15.7kg
415mm=8.1kg

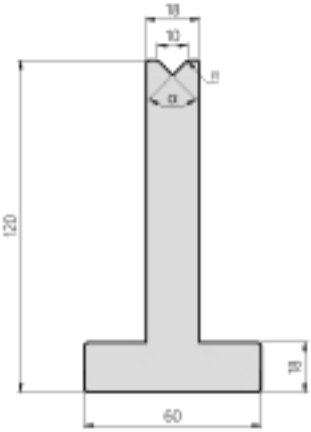
Load: 1000KN/m max



NO.V-BM053

R=2.5
α=85°
835mm=18.9kg
800mm=18.1kg
415mm=9.4kg

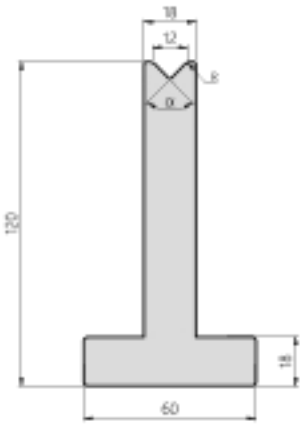
Load: 1000KN/m max



NO.V-BM054

R=3
α=85°
835mm=18.8kg
800mm=18.0kg
415mm=9.4kg

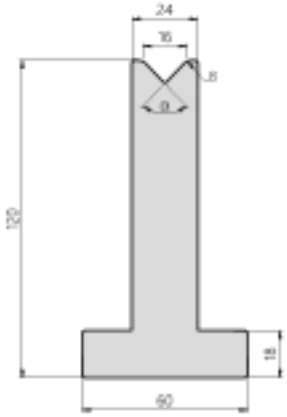
Load: 1000KN/m max



NO.V-BM055

R1=3.5
α=85°
835mm=22.6kg
800mm=21.7kg
415mm=11.3kg

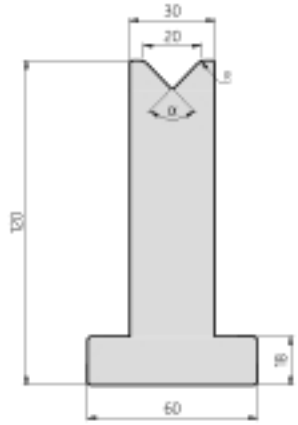
Load: 1000KN/m max



NO.V-BM056

R=4
α=85°
835mm=26.4kg
800mm=25.3kg
415mm=13.1kg

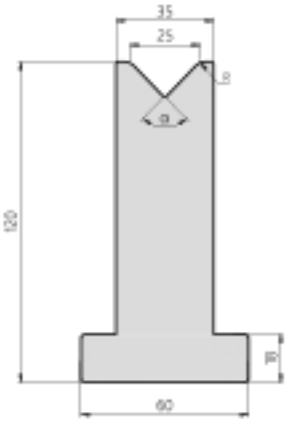
Load: 1000KN/m max



NO.V-BM057

R=5
α=85°
835mm=29.3kg
800mm=28.1kg
415mm=14.6kg

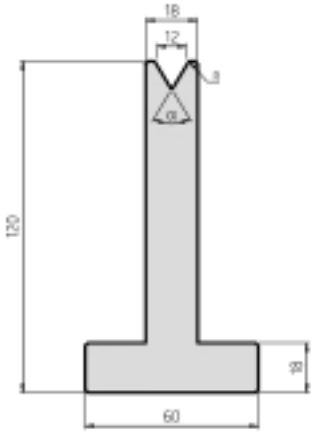
Load: 1000KN/m max

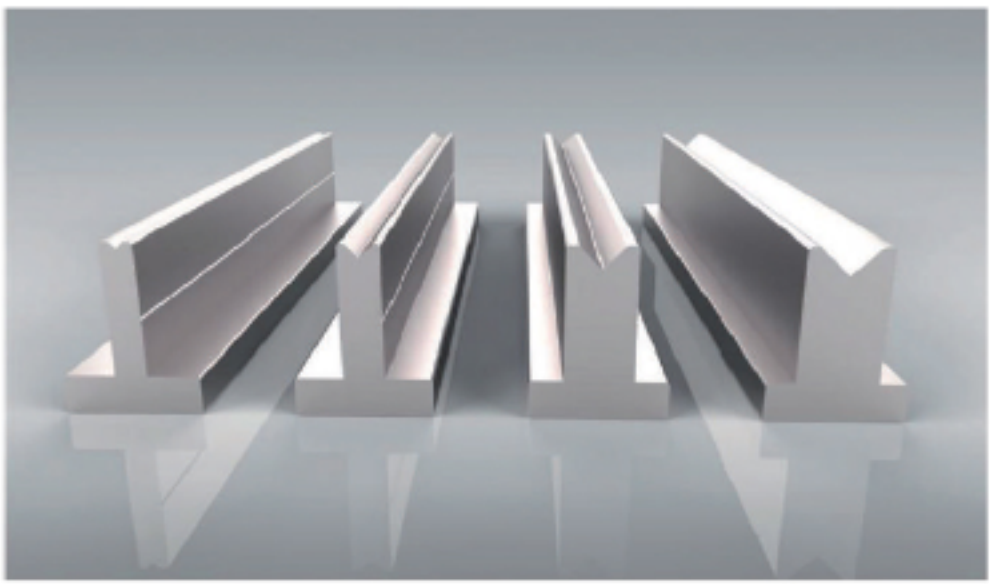


NO.V-BM120

R=3
α=60°
835mm=18.8kg
800mm=18.0kg
415mm=9.4kg

Load: 1000KN/m max

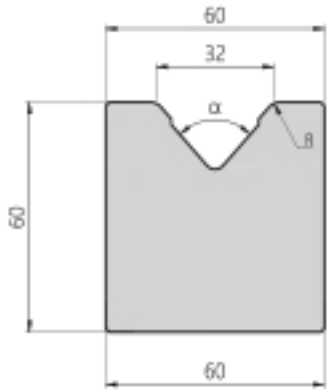




NO.V-BM058

R=4
α=85°/88°
835mm=21.5kg
800mm=20.6kg
415mm=10.7kg

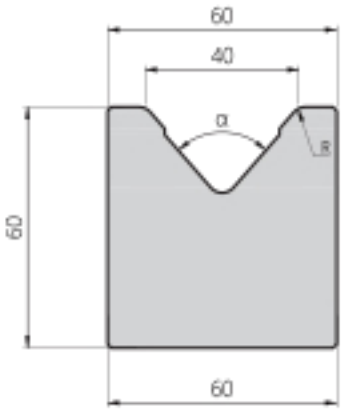
Load: 1000KN/m max



NO.V-BM059

R=4
α=85°/88°
835mm=20.4kg
800mm=19.6kg
415mm=10.2kg

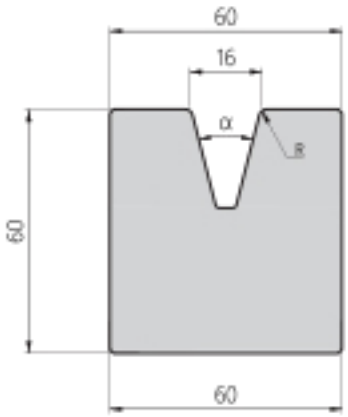
Load: 1000KN/m max



NO.V-BM060

R=2
α=30°
835mm=22.0kg
800mm=21.1kg
415mm=11.0kg

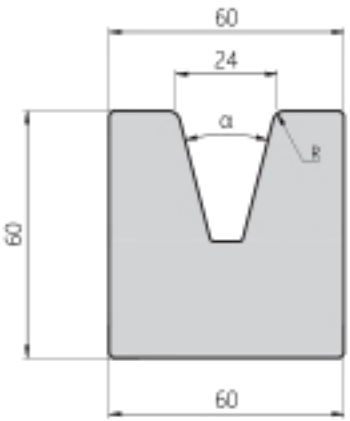
Load: 800KN/m max



NO.V-BM061

R=3
α=30°
835mm=20.1kg
800mm=19.3kg
415mm=10.0kg

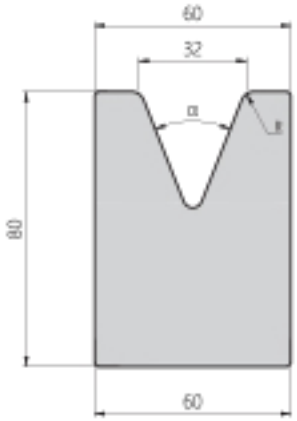
Load: 1000KN/m max

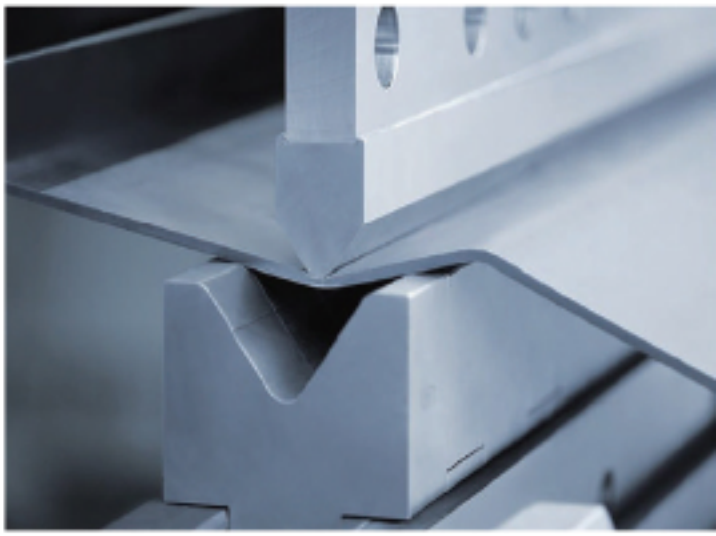


NO.V-BM062

R=4
α=45°
835mm=27.4kg
800mm=26.3kg
415mm=13.6kg

Load: 1000KN/m max

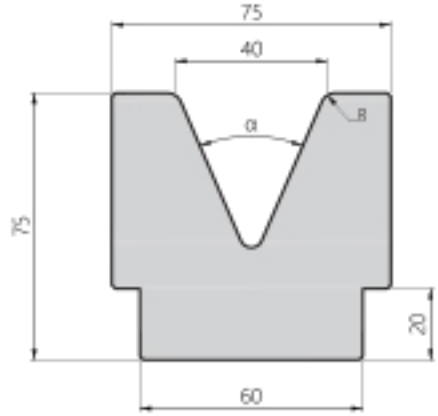




NO.V-BM063

R=4
α=45°
835mm=28.6kg
800mm=27.4kg
415mm=14.2kg

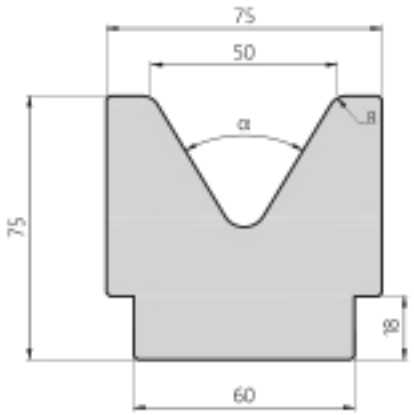
Load: 1000KN/m max



NO.V-BM064

R=5
α=60°
835mm=27.9kg
800mm=26.7kg
415mm=13.9kg

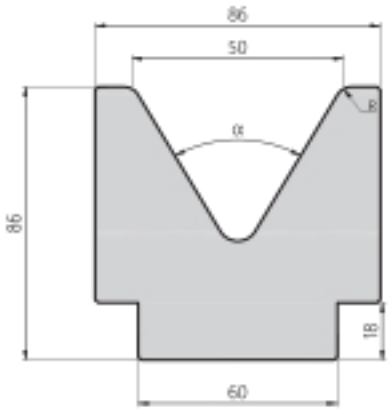
Load: 1000KN/m max



NO.V-BM065

R=5
α=60°
835mm=34.0kg
800mm=32.5kg
415mm=16.9kg

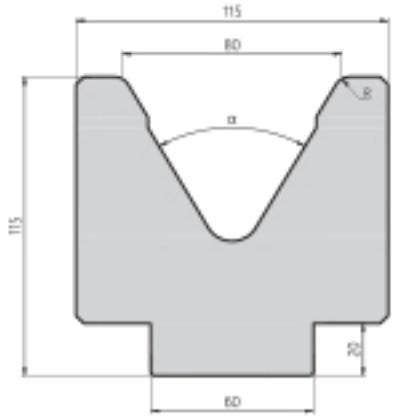
Load: 1000KN/m max



NO.V-BM066

R=6
α=60°
835mm=60.1kg
800mm=57.6kg
415mm=29.9kg

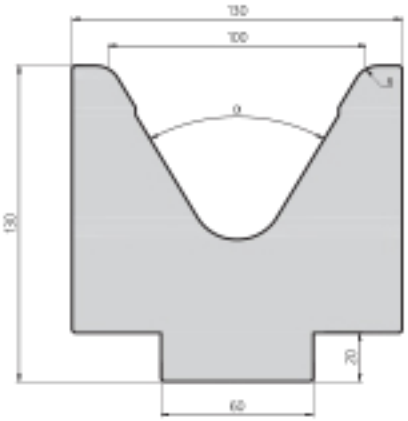
Load: 1000KN/m max



NO.V-BM067

R=10
α=60°
835mm=72.8kg
800mm=69.9kg
415mm=36.3kg

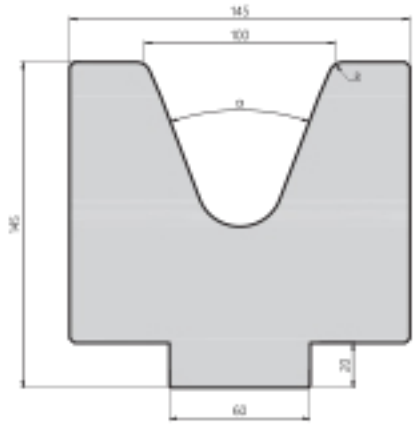
Load: 1000KN/m max



NO.V-BM068

R=6
α=45°
835mm=102kg
800mm=96.5kg
415mm=50.7kg

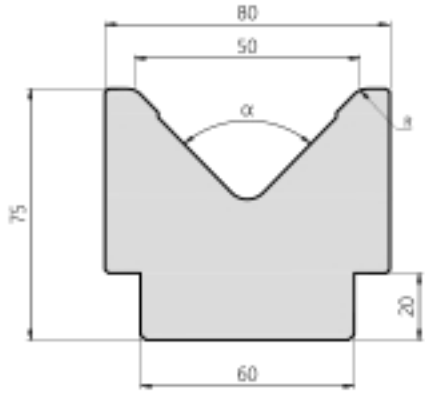
Load: 1000KN/m max



NO.V-BM069

R=5
α=85°
835mm=29.1kg
800mm=27.9kg
415mm=14.5kg

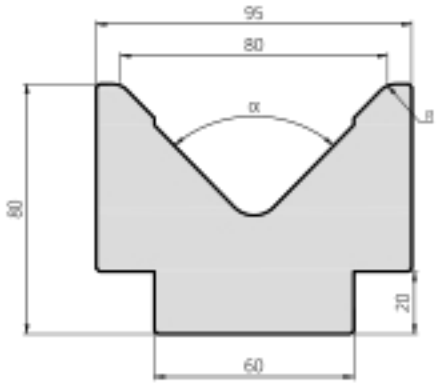
Load: 1000KN/m max



NO.V-BM070

R=6
α=85°
835mm=33.0kg
800mm=31.6kg
415mm=16.4kg

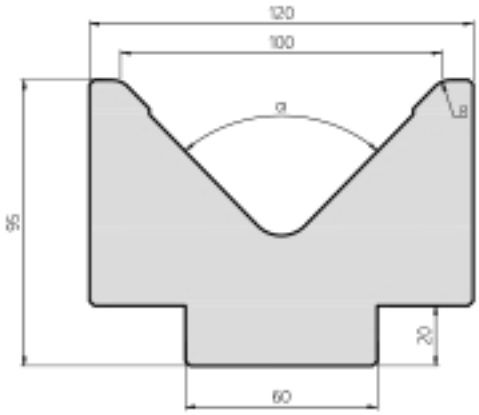
Load: 1000KN/m max



NO.V-BM071

R=7
α=85°
835mm=48.4kg
800mm=46.4kg
415mm=24.1kg

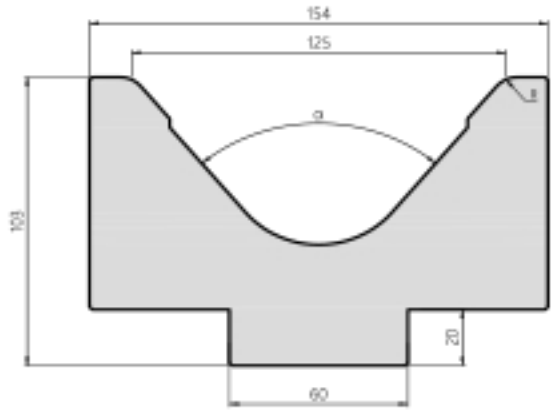
Load: 1000KN/m max



NO.V-BM072

R=9
α=80°
835mm=61.2kg
800mm=59.2kg
415mm=30.4kg

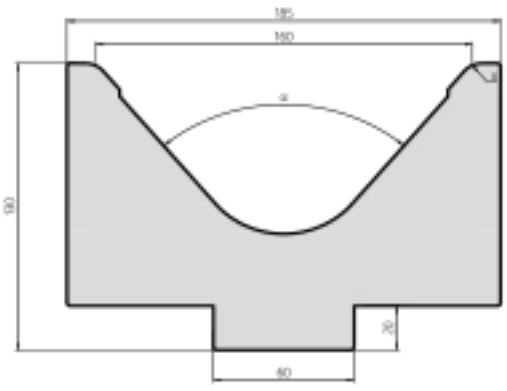
Load: 1500KN/m max



NO.V-BM073

R=10
α=80°
835mm=91.8kg
800mm=89.2kg
415mm=45.4kg

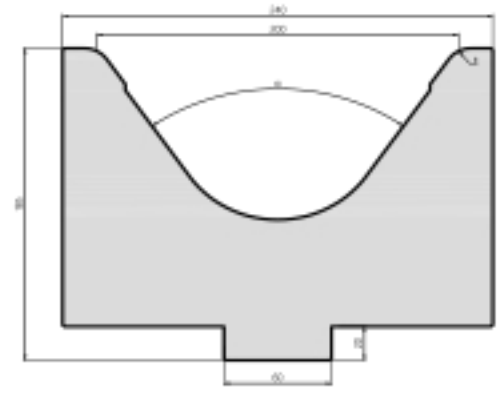
Load: 1500KN/m max



NO.V-BM074

R=15
α=70°
835mm=182kg
800mm=168kg
415mm=89.9kg

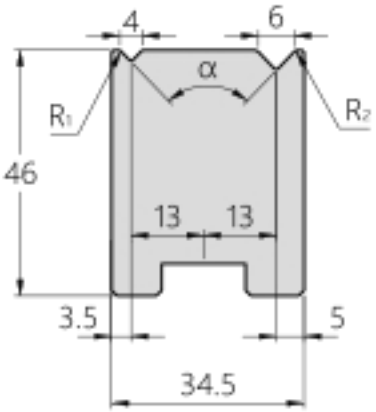
Load: 2000KN/m max



NO.V-BM075

R1=0.6 R2=1
α=85°
835mm=9.7kg
800mm=9.3kg
415mm=4.8kg

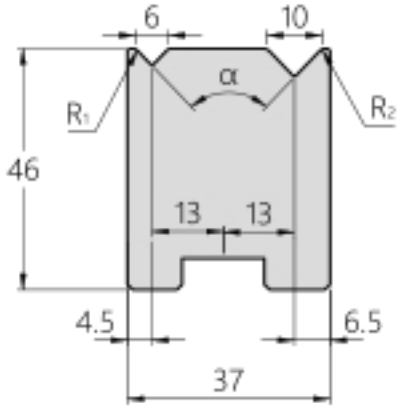
Load: 800KN/m max



NO.V-BM076

R1=1 R2=1.5
α=85°
835mm=10.3kg
800mm=9.9kg
415mm=5.1kg

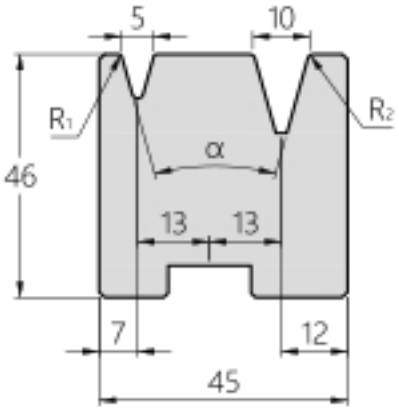
Load: 800KN/m max



NO.V-BM077

R1=0.6 R2=1
α=30°
835mm=12.2kg
800mm=11.7kg
415mm=6.0kg

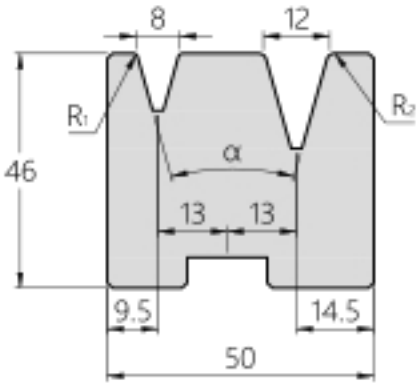
Load: 400KN/m max



NO.V-BM078

R1=0.8 R2=1.5
α=30°
835mm=13.2kg
800mm=12.7kg
415mm=6.6kg

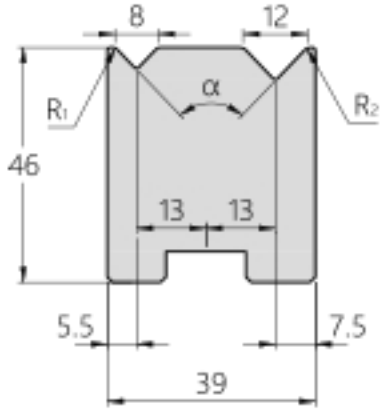
Load: 400KN/m max



NO.V-BM079

R1=1.2 R2=1.7
α=85°
835mm=10.8kg
800mm=10.3kg
415mm=5.4kg

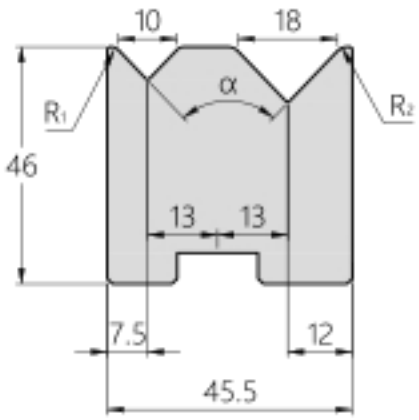
Load: 800KN/m max



NO.V-BM080

R1=1.5 R2=2.5
α=85°
835mm=12.1kg
800mm=11.6kg
415mm=6.0kg

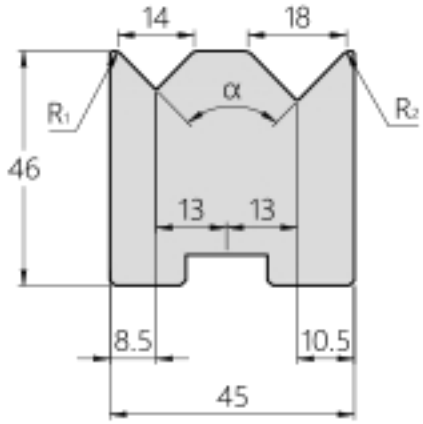
Load: 800KN/m max



NO.V-BM081

R1=1.5 R2=2
α=85°
835mm=12.8kg
800mm=11.5kg
415mm=6.0kg

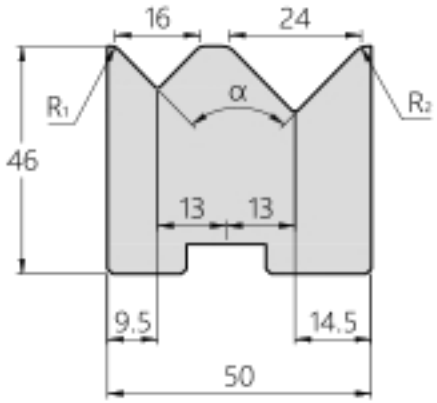
Load: 800KN/m max



NO.V-BM082

R1=2 R2=3
α=85°
835mm=12.9kg
800mm=12.4kg
415mm=6.4kg

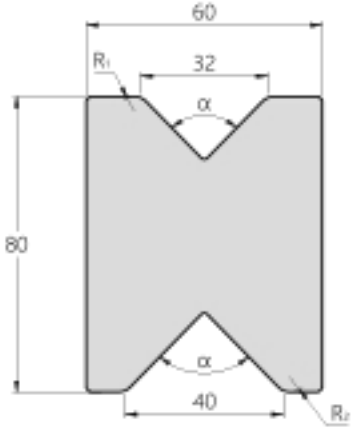
Load: 800KN/m max



NO.V-BM083

R1=4 R2=4
α=85°
835mm=26.7kg
800mm=25.6kg
415mm=13.3kg

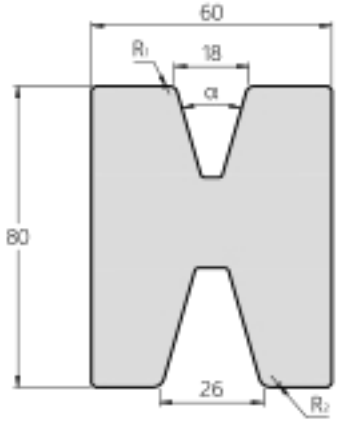
Load: 1000KN/m max



NO.V-BM084

R1=2 R2=3
α=30°
835mm=26.2kg
800mm=25.1kg
415mm=13.0kg

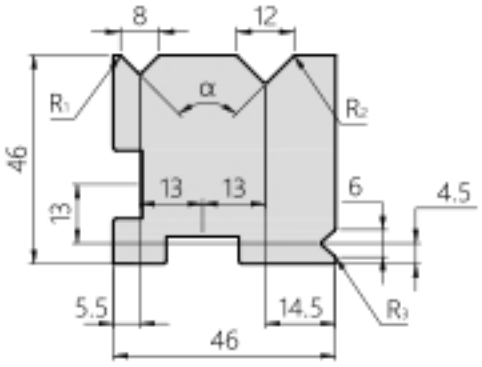
Load: 1000KN/m max



NO.V-BM085

R1=0.8 R2=1.2 R3=0.6
α=85°
835mm=12.9kg
800mm=12.4kg
415mm=6.4kg

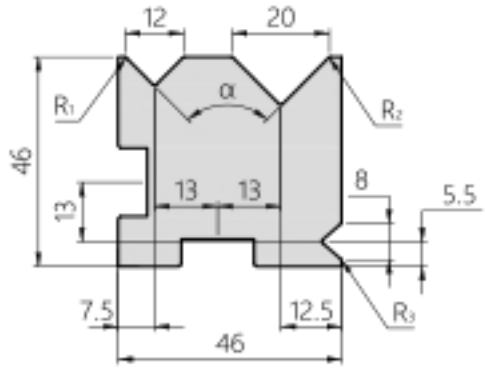
Load: 800KN/m max



NO.V-BM086

R1=1.2 R2=2 R3=0.8
α=85°
835mm=12.3kg
800mm=12.0kg
415mm=6.0kg

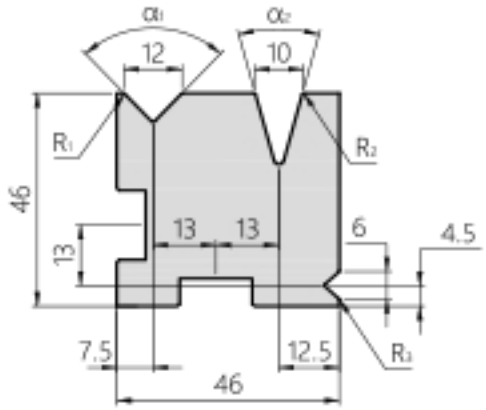
Load: 700KN/m max



NO.V-BM087

R1=1.2 R2=1 R3=0.6
α1=85° α2=30°
835mm=12.0kg
800mm=11.5kg
415mm=6.0kg

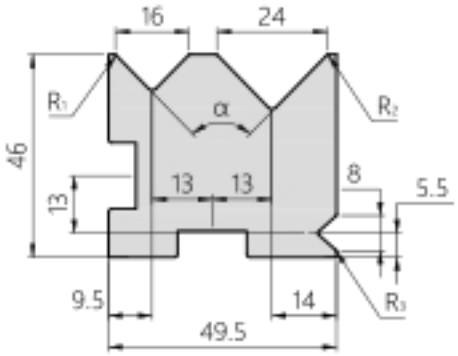
Load: 600KN/m max



NO.V-BM088

R1=12 R2=3 R3=0.8
α=85°
835mm=12.9kg
800mm=12.4kg
415mm=6.4kg

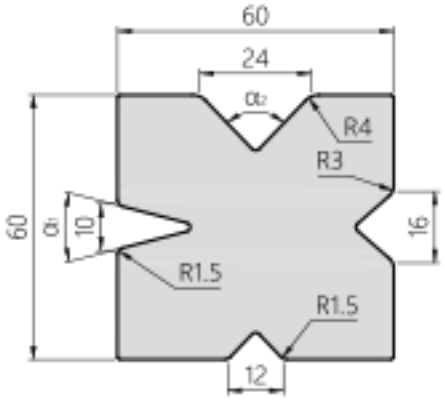
Load: 600KN/m max



NO.V-BM089

α1=30° α2=85°
835mm=18.9kg
800mm=17.8kg
415mm=9.2kg

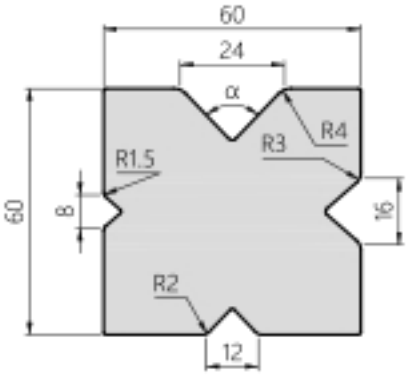
Load: 800KN/m max



NO.V-BM090

α=85°
835mm=19.2kg
800mm=18.3kg
415mm=9.5kg

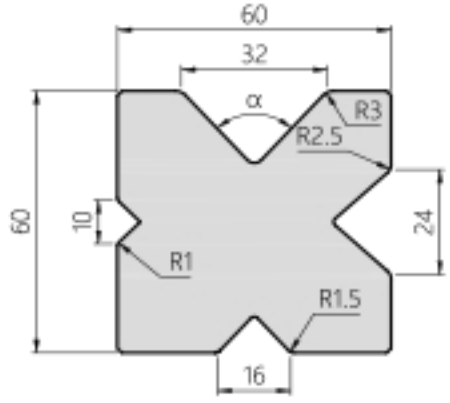
Load: 800KN/m max



NO.V-BM091

α=85°
835mm=18.5kg
800mm=17.8kg
415mm=9.1kg

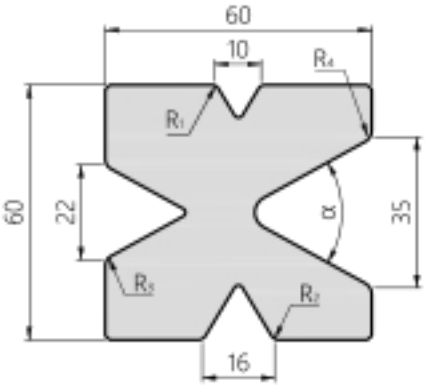
Load: 800KN/m max



NO.V-BM092

α=60°
835mm=17.8kg
800mm=17.1kg
415mm=8.8kg

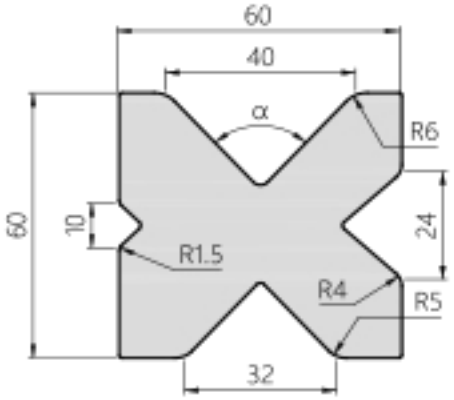
Load: 600KN/m max



NO.V-BM093

α=85°
835mm=17.8kg
800mm=17.1kg
415mm=8.8kg

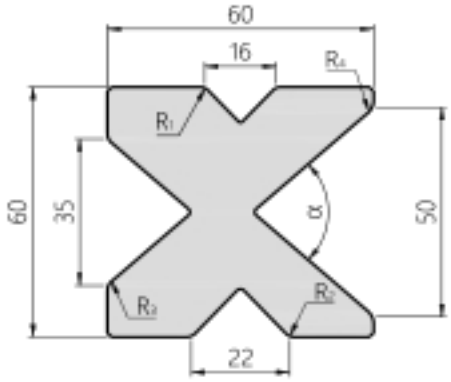
Load: 700KN/m max



NO.V-BM094

α=85°
835mm=17.2kg
800mm=16.5kg
415mm=8.0kg

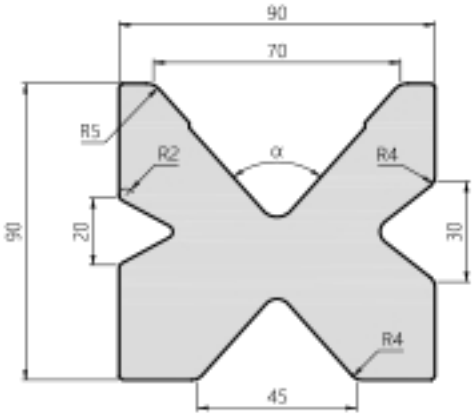
Load: 600KN/m max



NO.V-BM095

α=80°
835mm=36.2kg
800mm=34.7kg
415mm=18.0kg

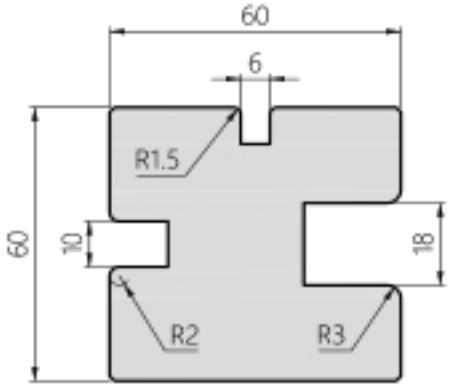
Load: 800KN/m max



NO.V-BM096

835mm=20.0kg
800mm=19.2kg
415mm=10.0kg

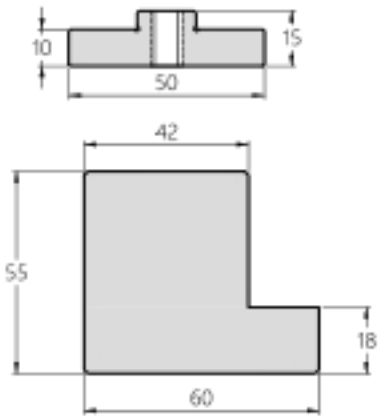
Load: 1000KN/m max



NO.V-BM118

835mm=14.2kg
415mm=7.1kg

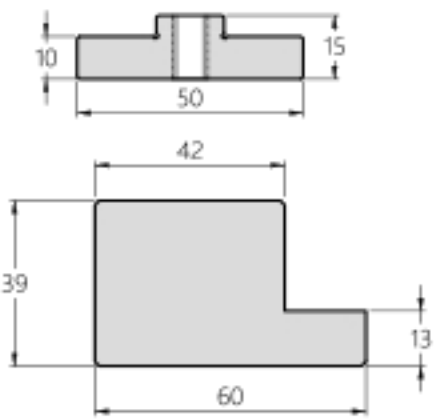
Load: 1000KN/m max



NO.V-BM119

835mm=11.4kg
415mm=5.7kg

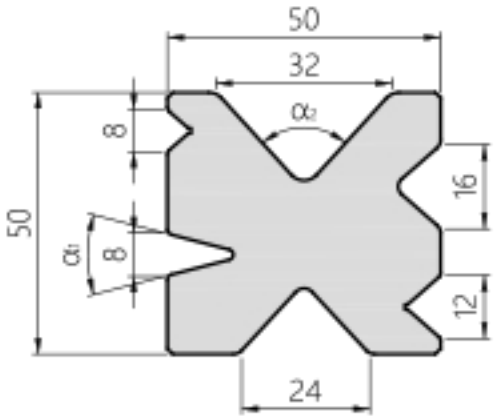
Load: 1000KN/m max



NO.V-BM097

α1=30° α2=85°

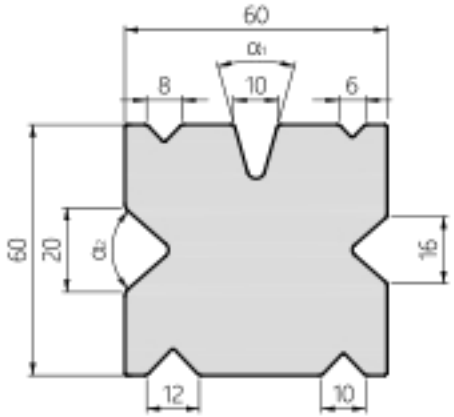
L:1300mm-2500mm



NO.V-BM098

α1=30° α2=85°

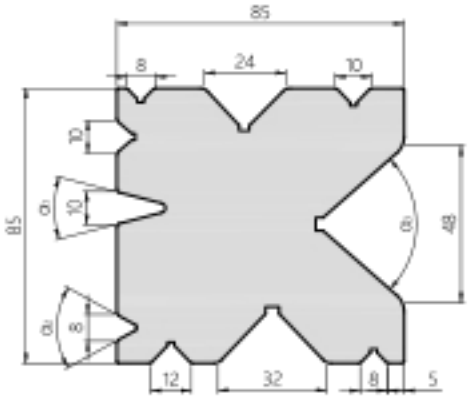
L:1300mm-2500mm



NO.V-BM099

α1=30° α2=85°

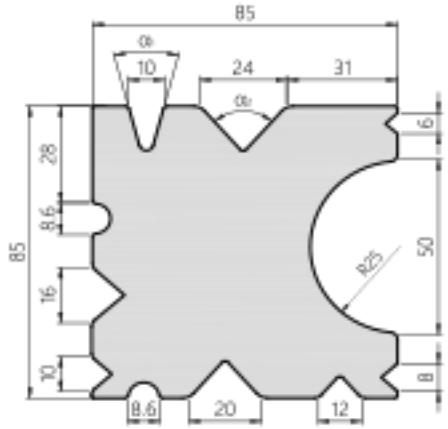
L:2500mm-6000mm



NO.V-BM100

α1=30° α2=85°

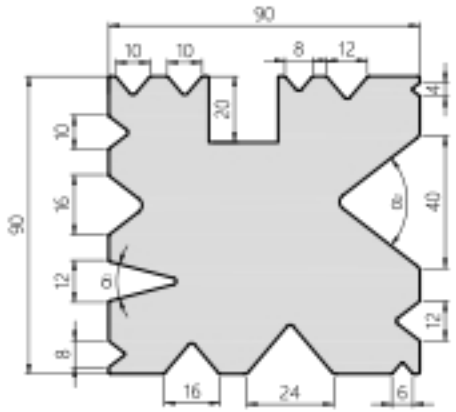
L:2500mm-6000mm



NO.V-BM101

α1=30° α2=85°

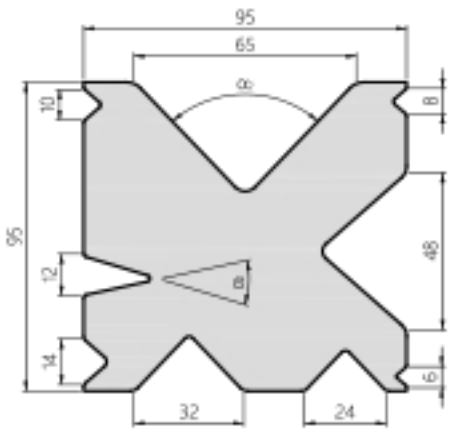
L:2500mm-6000mm



NO.V-BM102

α1=30° α2=85°

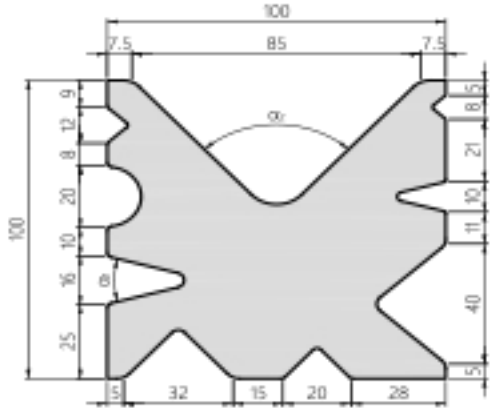
L:2500mm-6000mm



NO.V-BM103

α1=30° α2=85°

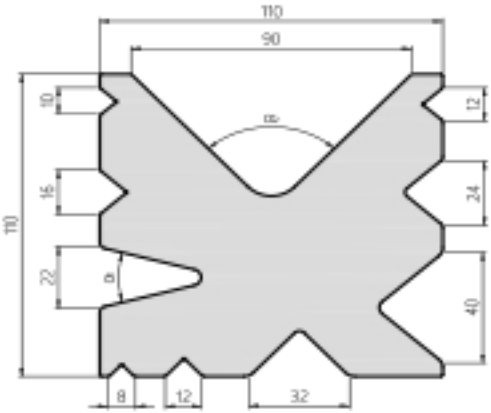
L:2500mm-6000mm



NO.V-BM104

α1=30° α2=85°

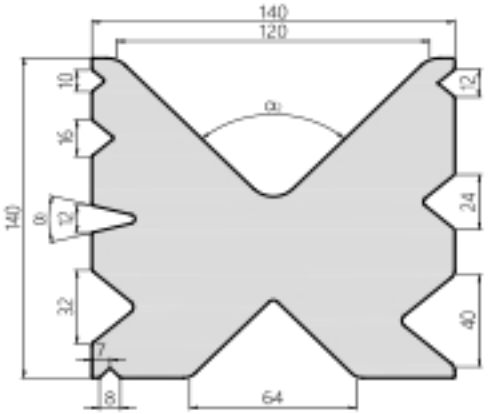
L:2500mm-6000mm



NO.V-BM105

α1=30° α2=85°

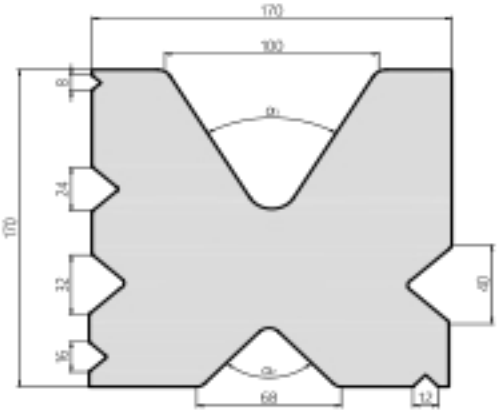
L:3200mm-8000mm



NO.V-BM106

α1=60° α2=85°

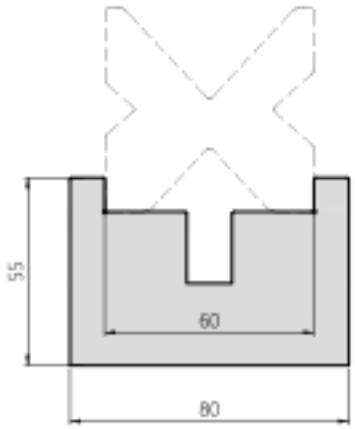
L:3200mm-12000mm

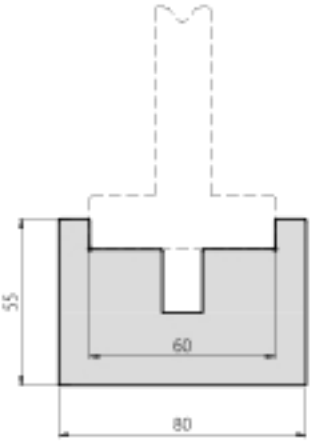


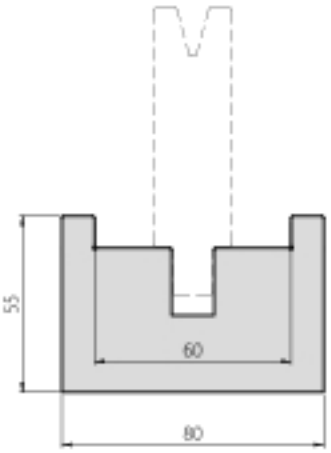


NO.V-BM107

L:1300mm-6000mm

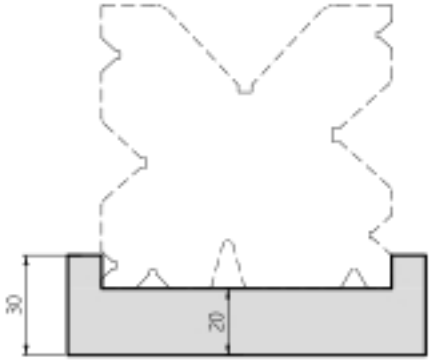






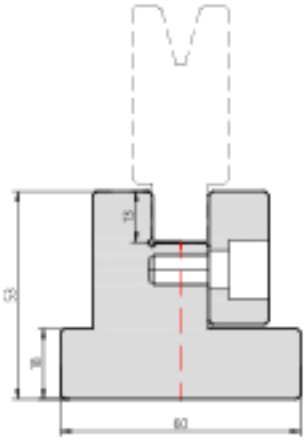
NO.V-BM108

L:1300mm-6000mm

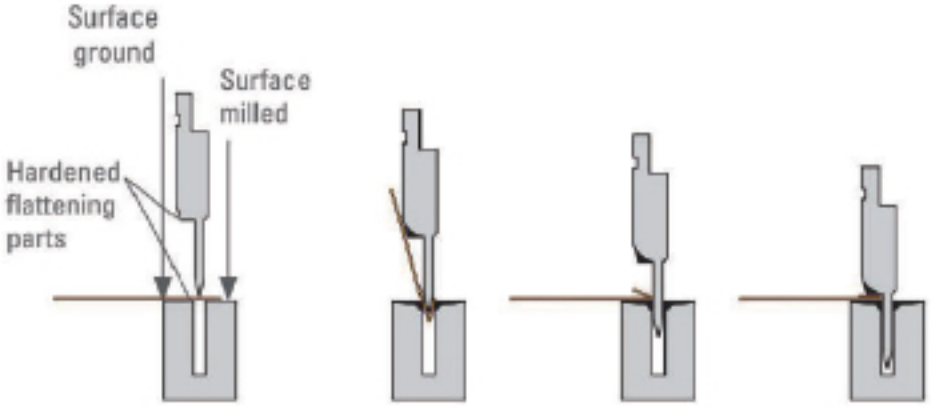


NO.V-BM109

L:1300mm-6000mm



EXAMPLE OF USE



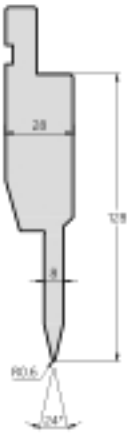
Please refer to page 32 for details.



NO.V-AM065

835mm=17.3kg
800mm=16.1kg
415mm=8.6kg

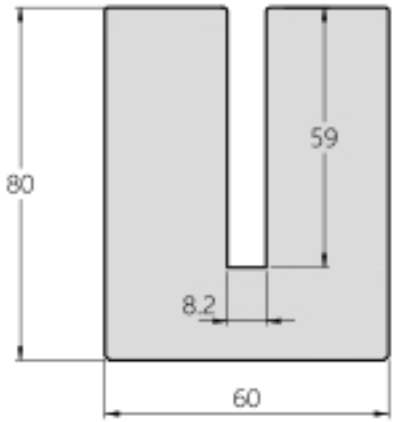
Load: 800KN/m max



NO.V-BM110

835mm=28.3kg
800mm=27.3kg
415mm=14.1kg

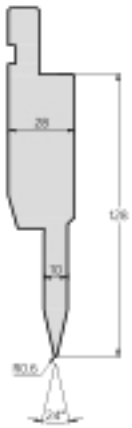
Load: 500KN/m max



NO.V-AM066

835mm=18.1kg
800mm=16.8kg
415mm=9.0kg

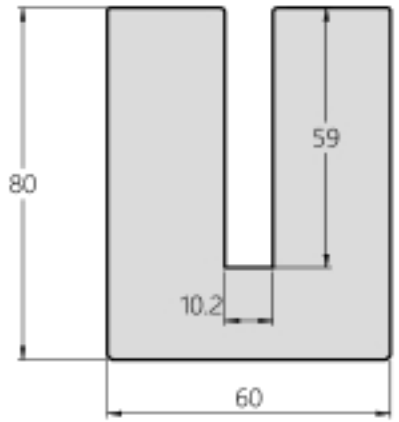
Load: 800KN/m max



NO.V-BM111

835mm=27.5kg
800mm=26.4kg
415mm=13.7kg

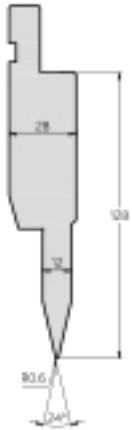
Load: 500KN/m max



NO.V-AM067

835mm=18.6kg
800mm=17.3kg
415mm=9.2kg

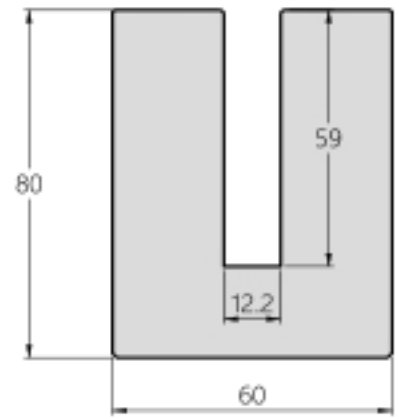
Load: 800KN/m max



NO.V-BM112

835mm=26.7kg
800mm=25.8kg
415mm=13.3kg

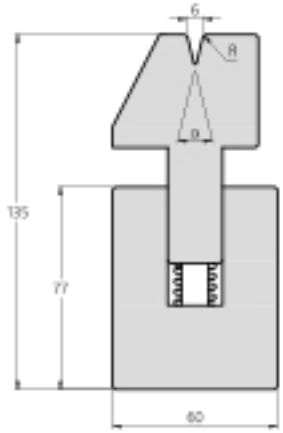
Load: 500KN/m max



NO.V-BM113

R=0.6
α=30°
H=95-140mm
835mm=42.4kg
800mm=41.0kg

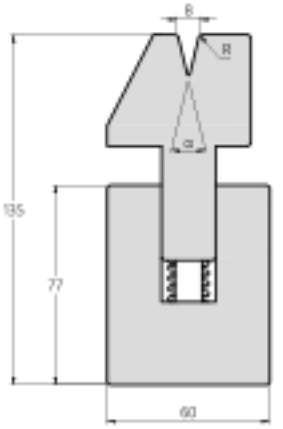
Load: 1000KN/m max



NO.V-BM114

R=0.8
α=30°
H=95-140mm
835mm=42.4kg
800mm=41.0kg

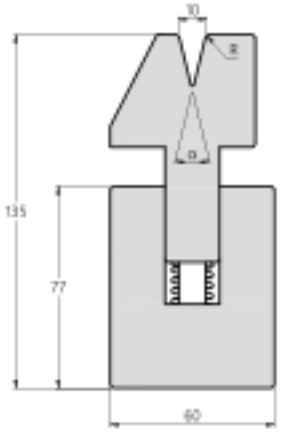
Load: 1000KN/m max



NO.V-BM115

R=1.2
α=30°
H=95-140mm
835mm=42.4kg
800mm=41.0kg

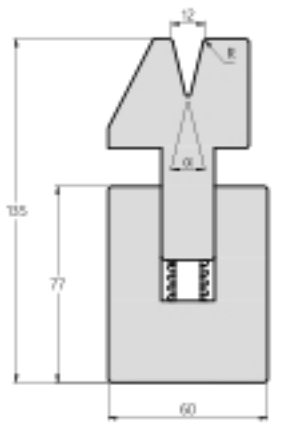
Load: 1000KN/m max



NO.V-BM116

R=1.5
α=30°
H=95-140mm
835mm=42.4kg
800mm=41.0kg

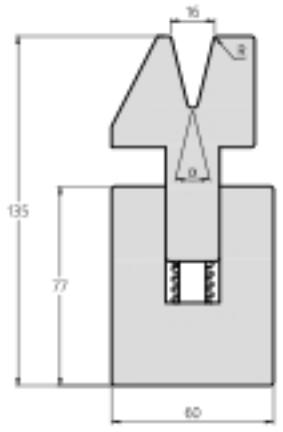
Load: 1000KN/m max



NO.V-BM117

R=1.5
α=30°
H=95-140mm
835mm=42.4kg
800mm=41.0kg

Load: 1000KN/m max



NO.V-AM068

R=0.5/1
α=30°
835mm=10.5kg
800mm=10.0kg
415mm=5.3kg

Load: 700KN/m max

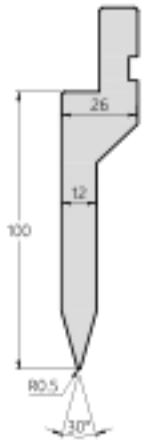
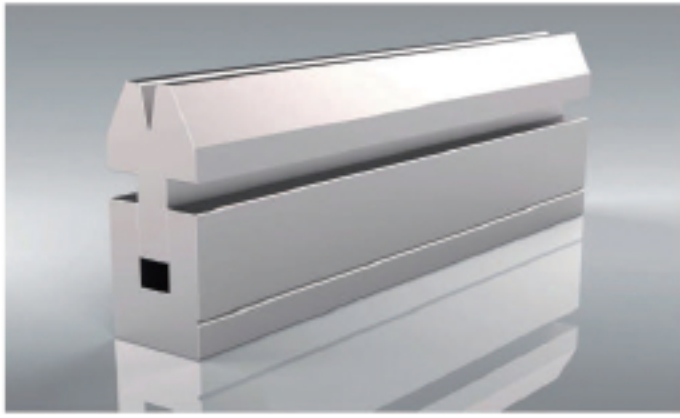


Table of force for flattening

Material:Rm=400N/mm², mild steel				
S (mm)	(t/m)	T (mm)	(t/m)	2S (mm)
0.6	9	3.0	23	1.2
0.8	12	3.0	32	1.6
1.0	15	3.5	40	2.0
1.25	17	3.5	50	2.5
1.5	22	4.6	63	3.0
2.0	30	5.5	80	4.0
2.5	55	6.5	90	5.0
3.0	70	8.0	100	6.0



Material: Rm=400N/mm², stainless steel				
S (mm)	(t/m)	T (mm)	(t/m)	2S (mm)
0.6	15	3.0	35	1.2
0.8	20	3.0	50	1.6
1.0	25	3.5	60	2.0
1.25	26	3.5	80	2.5
1.5	38	4.6	95	3.0
2.0	50	5.5	130	4.0







