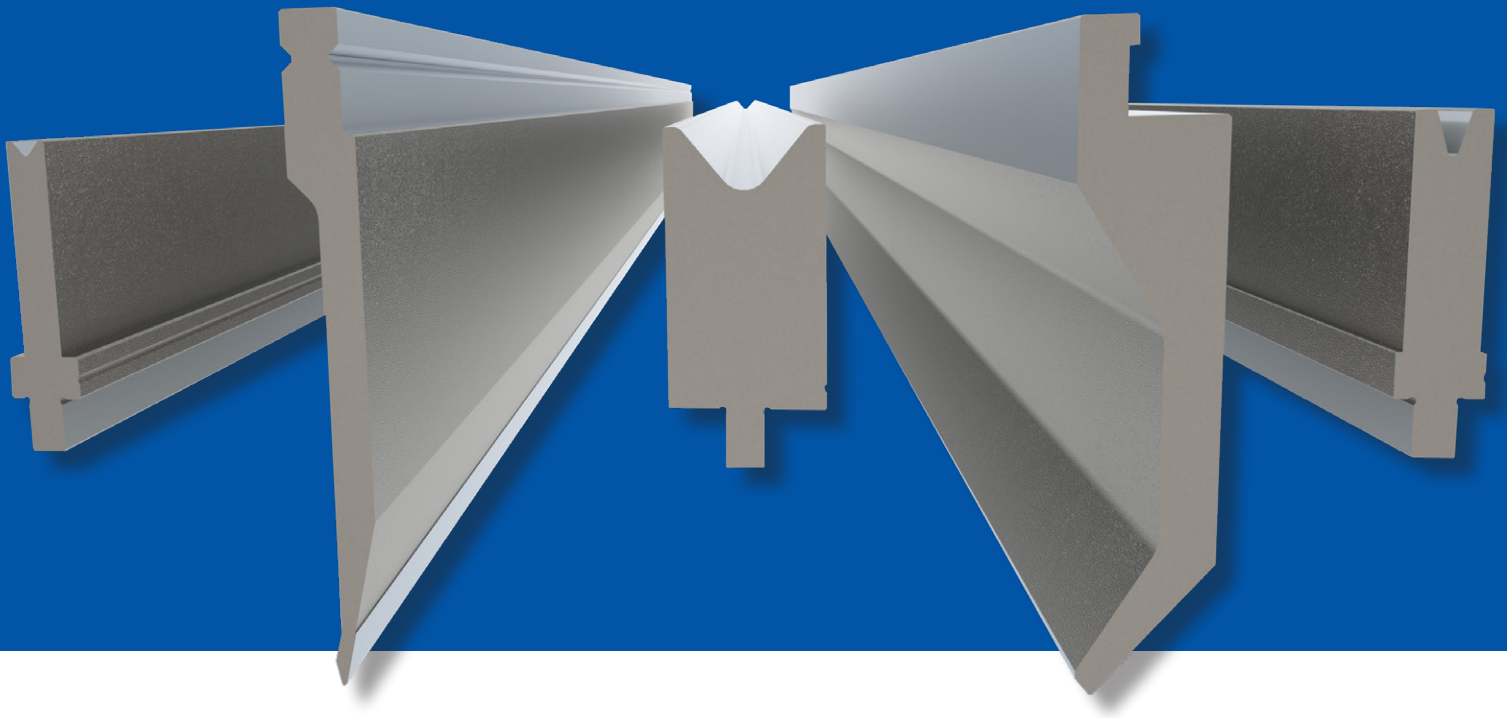


ABKANTWERKZEUGE | LVD Werkzeugsystem



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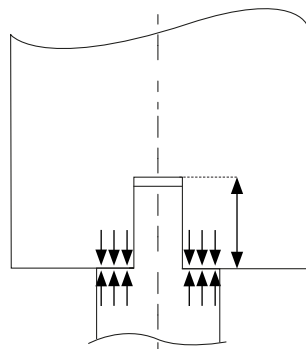
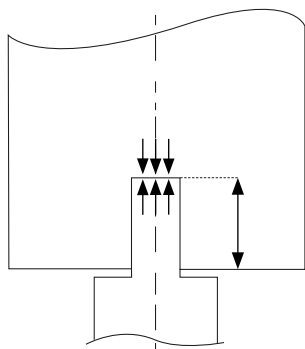
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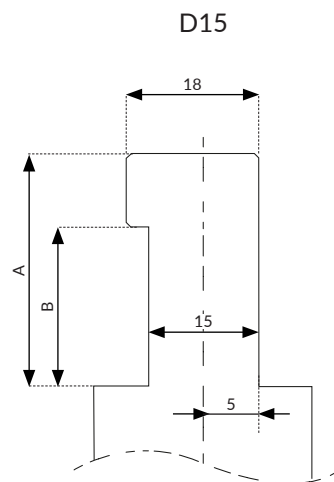
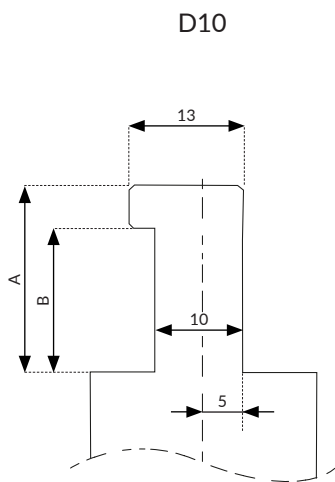
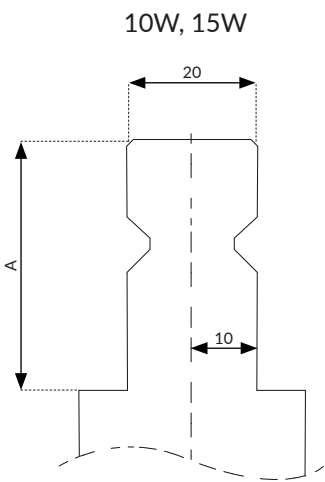


Stempelaufnahmen



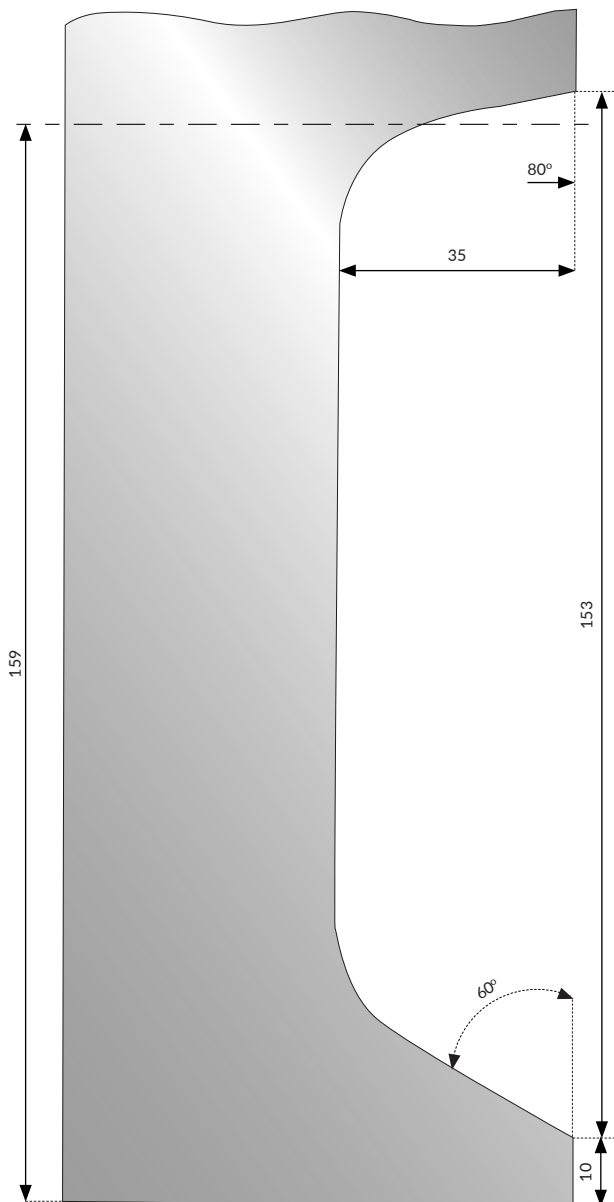
KOPFTRAGEND	A (mm)	B (mm)	C (mm)
W	39	-	37
LVD10	22	17	21
LVD15	32	22	31

SCHULTERTRAGEND	A (mm)	B (mm)	C (mm)
W	36	-	37
LVD10	20	16	21
LVD15	30	21	31

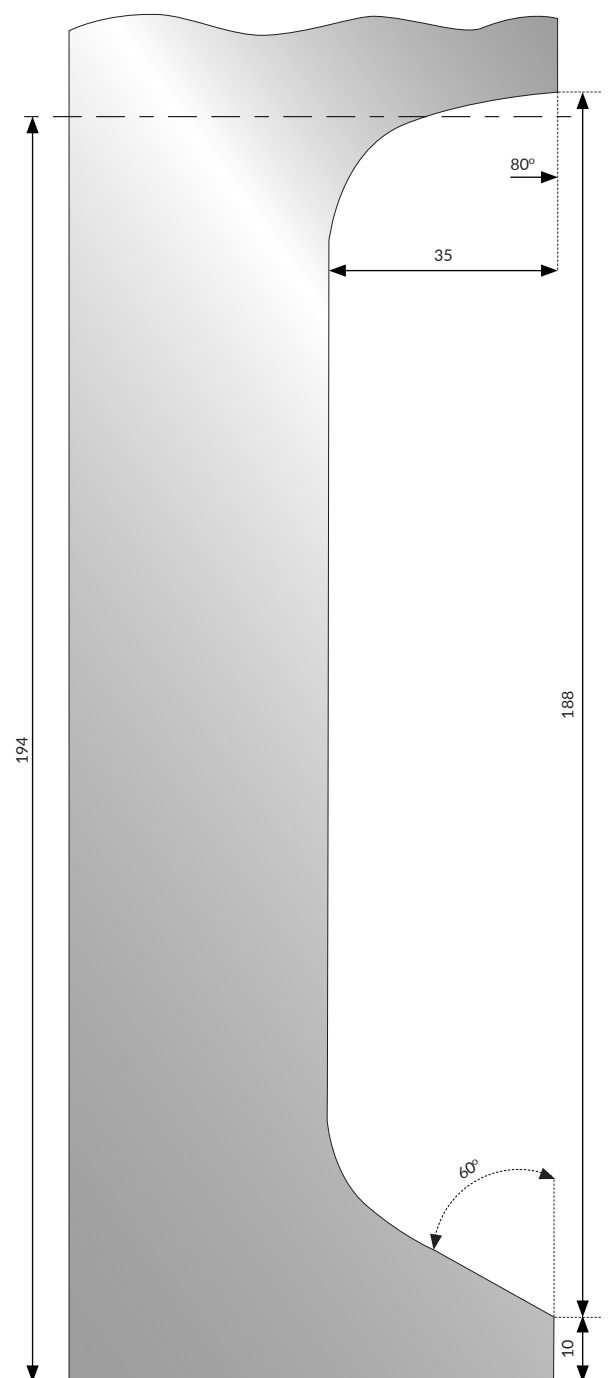


Hornsegmente

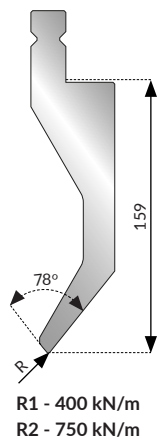
10W und D10



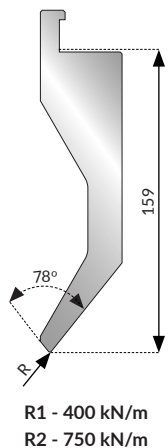
15W und D15



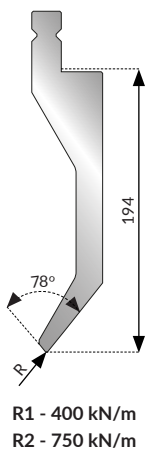
78° Stempel



LVD STEMPELPROFIL D10W		HÖHE	LÄNGE	KAT. NR.	PREIS
78°	R1	159,0 mm	510,0 mm	E80078010-510W	
		159,0 mm	550,0 mm sect.	E80078010-550W	
		159,0 mm	250,0 mm	E80078010-250W	
	R2	159,0 mm	510,0 mm	E80078020-510W	
		159,0 mm	550,0 mm	E80078020-550W	
		159,0 mm	250,0 mm	E80078020-250W	

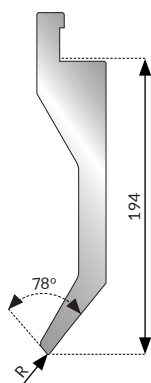


LVD STEMPELPROFIL D10		HÖHE	LÄNGE	KAT. NR.	PREIS
78°	R1	159,0 mm	510,0 mm	E80078010-510	
		159,0 mm	550,0 mm sect.	E80078010-550	
		159,0 mm	250,0 mm	E80078010-250	
	R2	159,0 mm	510,0 mm	E80078020-510	
		159,0 mm	550,0 mm sect.	E80078020-550	
		159,0 mm	250,0 mm	E80078020-250	



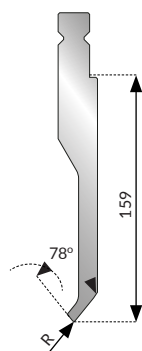
LVD STEMPELPROFIL D15W		HÖHE	LÄNGE	KAT. NR.	PREIS
78°	R1	194,0 mm	510,0 mm	E81078010-510W	
		194,0 mm	550,0 mm sect.	E81078010-550W	
		194,0 mm	250,0 mm	E81078010-250W	
	R2	194,0 mm	510,0 mm	E81078020-510W	
		194,0 mm	550,0 mm sect.	E81078020-550W	
		194,0 mm	250,0 mm	E81078020-250W	

78° Stempel



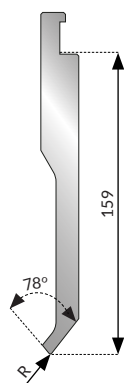
R1 - 400 kN/m
R2 - 750 kN/m

LVD STEMPERPROFIL D15		HÖHE	LÄNGE	KAT. NR.	PREIS
78°	R1	194,0 mm	510,0 mm	E81078010-510	
		194,0 mm	550,0 mm sect.	E81078010-550	
		194,0 mm	250,0 mm	E81078010-250	
	R2	194,0 mm	510,0 mm	E81078020-510	
		194,0 mm	550,0 mm sect.	E81078020-550	
		194,0 mm	250,0 mm	E81078020-250	



R1 - 400 kN/m
R2 - 680 kN/m

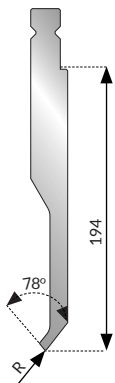
LVD STEMPERPROFIL E10W		HÖHE	LÄNGE	KAT. NR.	PREIS
78°	R1	159,0 mm	510,0 mm	E80178010-510W	
		159,0 mm	550,0 mm sect.	E80178010-550W	
		159,0 mm	250,0 mm	E80178010-250W	
	R2	159,0 mm	510,0 mm	E80178020-510W	
		159,0 mm	550,0 mm sect.	E80178020-550W	
		159,0 mm	250,0 mm	E80178020-250W	



R1 - 400 kN/m
R2 - 680 kN/m

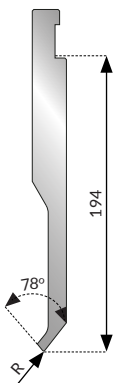
LVD STEMPERPROFIL E10		HÖHE	LÄNGE	KAT. NR.	PREIS
78°	R1	159,0 mm	510,0 mm	E80178010-510	
		159,0 mm	550,0 mm sect.	E80178010-550	
		159,0 mm	250,0 mm	E80178010-250	
	R2	159,0 mm	510,0 mm	E80178020-510	
		159,0 mm	550,0 mm sect.	E80178020-550	
		159,0 mm	250,0 mm	E80178020-250	

78° & 26° Stempel



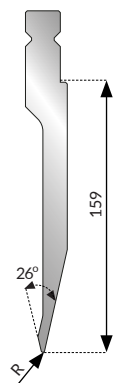
R1 - 400 kN/m
R2 - 750 kN/m

LVD STEMPELPROFIL E15W		HÖHE	LÄNGE	KAT. NR.	PREIS
78°	R1	194,0 mm	510,0 mm	E81178010-510W	
		194,0 mm	550,0 mm sect.	E81178010-550W	
		194,0 mm	250,0 mm	E81178010-250W	
	R2	194,0 mm	510,0 mm	E81178020-510W	
		194,0 mm	550,0 mm sect.	E81178020-550W	
		194,0 mm	250,0 mm	E81178020-250W	



R1 - 400 kN/m
R2 - 750 kN/m

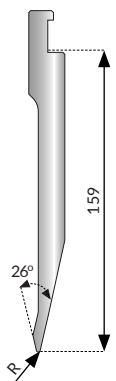
LVD STEMPELPROFIL E15		HÖHE	LÄNGE	KAT. NR.	PREIS
78°	R1	194,0 mm	510,0 mm	E81178010-510	
		194,0 mm	550,0 mm sect.	E81178010-550	
		194,0 mm	250,0 mm	E81178010-250	
	R2	194,0 mm	510,0 mm	E81178020-510	
		194,0 mm	550,0 mm sect.	E81178020-550	
		194,0 mm	250,0 mm	E81178020-250	



R1 - 400 kN/m
R2 - 600 kN/m

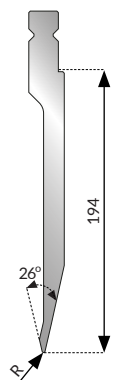
LVD STEMPELPROFIL J10W		HÖHE	LÄNGE	KAT. NR.	PREIS
26°	R1	159,0 mm	510,0 mm	E80226010-510W	
		159,0 mm	550,0 mm sect.	E80226010-550W	
		159,0 mm	250,0 mm	E80226010-250W	
	R2	159,0 mm	510,0 mm	E80226020-510W	
		159,0 mm	550,0 mm sect.	E80226020-550W	
		159,0 mm	250,0 mm	E80226020-250W	

26° Stempel



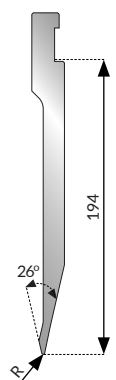
R1 - 400 kN/m
R2 - 600 kN/m

LVD STEMPELPROFIL J10		HÖHE	LÄNGE	KAT. NR.	PREIS
26°	R1	159,0 mm	510,0 mm	E80226010-510	
		159,0 mm	550,0 mm sect.	E80226010-550	
		159,0 mm	250,0 mm	E82526010-250	
	R2	159,0 mm	510,0 mm	E80226020-510	
		159,0 mm	550,0 mm sect.	E80226020-550	
		159,0 mm	250,0 mm	E80226020-250	



R1 - 400 kN/m
R2 - 600 kN/m

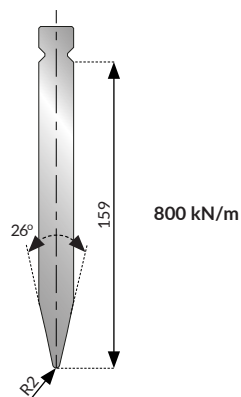
LVD STEMPELPROFIL J15W		HÖHE	LÄNGE	KAT. NR.	PREIS
26°	R1	194,0 mm	510,0 mm	E81226010-510W	
		194,0 mm	550,0 mm sect.	E81226010-550W	
		194,0 mm	250,0 mm	E81226010-250W	
	R2	194,0 mm	510,0 mm	E81226020-510W	
		194,0 mm	550,0 mm sect.	E81226020-550W	
		194,0 mm	250,0 mm	E81226020-250W	



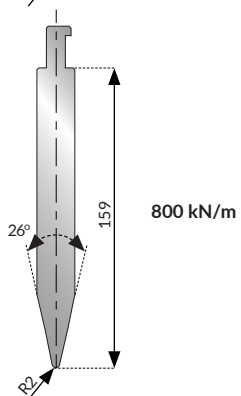
R1 - 400 kN/m
R2 - 600 kN/m

LVD STEMPELPROFIL J15		HÖHE	LÄNGE	KAT. NR.	PREIS
26°	R1	194,0 mm	510,0 mm	E81226010-510	
		194,0 mm	550,0 mm sect.	E81226010-550	
		194,0 mm	250,0 mm	E81226010-250	
	R2	194,0 mm	510,0 mm	E81226020-510	
		194,0 mm	550,0 mm sect.	E81226020-550	
		194,0 mm	250,0 mm	E81226020-250	

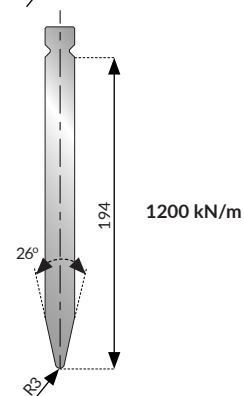
26° Stempel



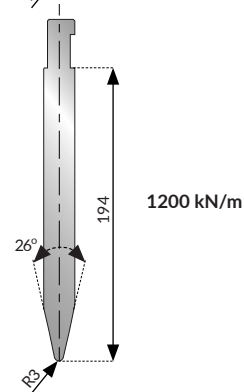
LVD STEMPERPROFIL R10W		HÖHE	LÄNGE	KAT. NR.	PREIS
26°	R2	159,0 mm	510,0 mm	E80326020-510W	
		159,0 mm	550,0 mm sect.	E80326020-550W	
		159,0 mm	250,0 mm	E80326020-250W	



LVD STEMPERPROFIL R10		HÖHE	LÄNGE	KAT. NR.	PREIS
26°	R2	159,0 mm	510,0 mm	E80326020-510	
		159,0 mm	550,0 mm sect.	E80326020-550	
		159,0 mm	250,0 mm	E80326020-250	

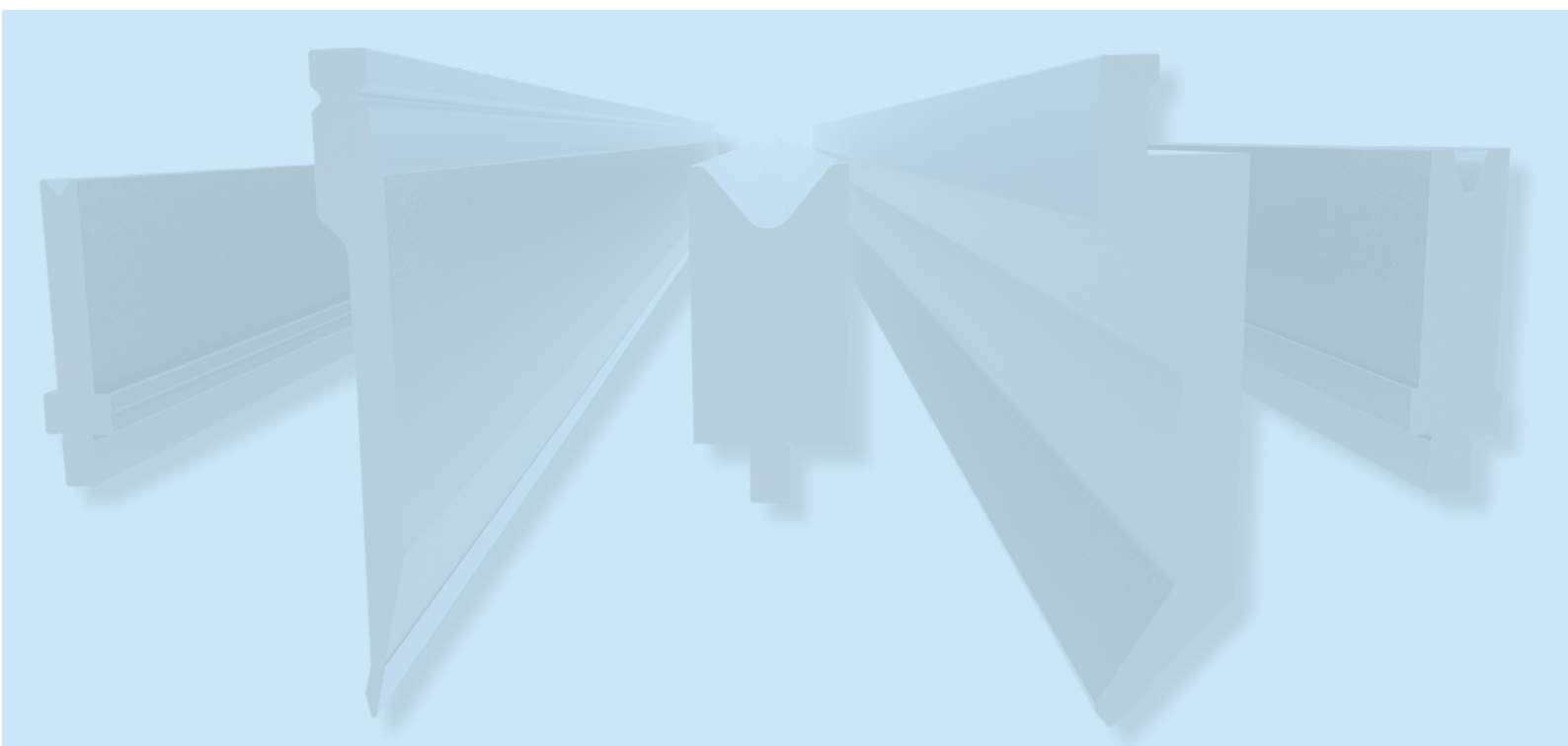


LVD STEMPERPROFIL R15W		HÖHE	LÄNGE	KAT. NR.	PREIS
26°	R3	194,0 mm	510mm	E81326030-510W	
		194,0 mm	550mm sect.	E81326030-550W	
		194,0 mm	250mm	E81326030-250W	

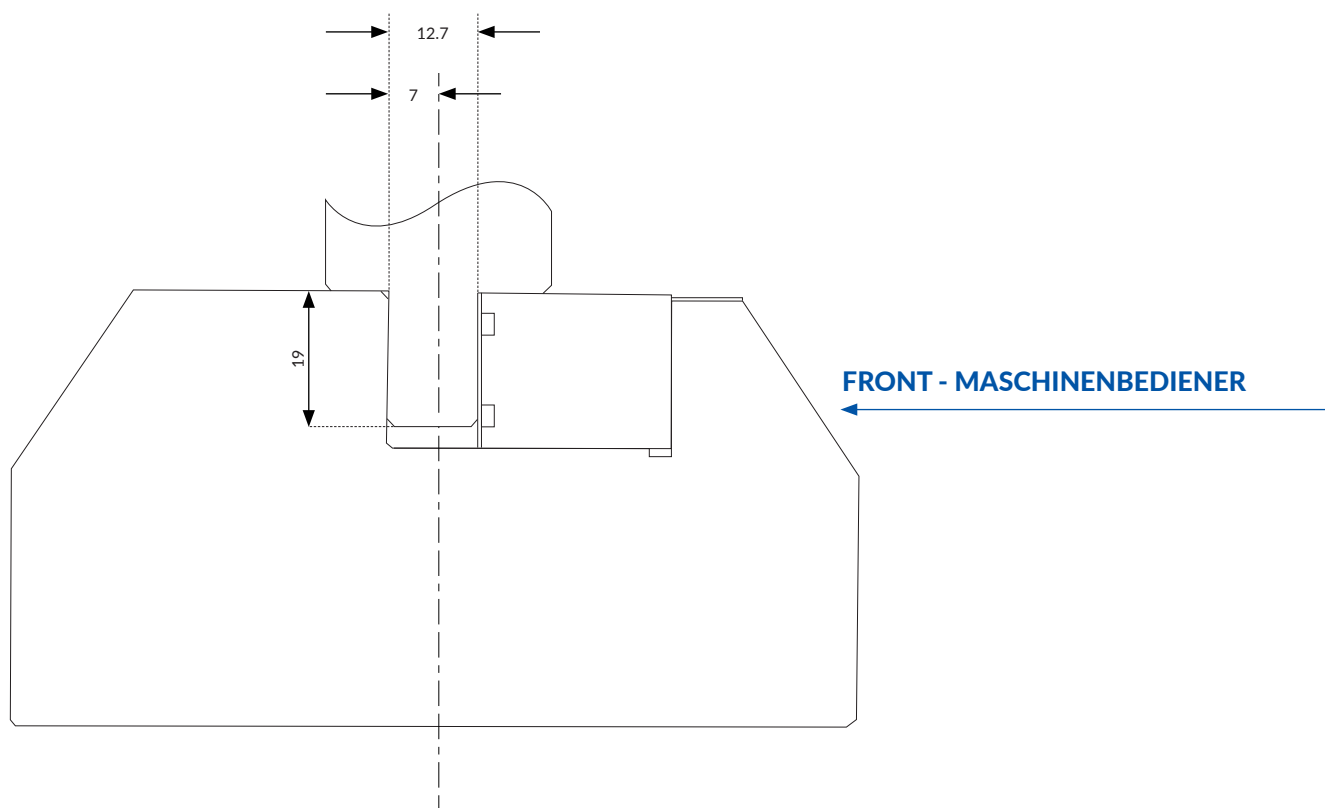


LVD STEMPERPROFIL R15		HÖHE	LÄNGE	KAT. NR.	PREIS
26°	R3	194,0 mm	510,0 mm	E81326030-510	
		194,0 mm	550,0 mm sect.	E81326030-550	
		194,0 mm	250,0 mm	E81326030-250	

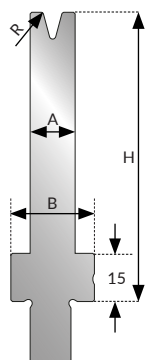
MATRIZEN



Matrizenaufnahme

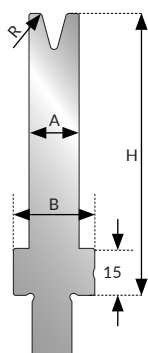


30° Matrizen



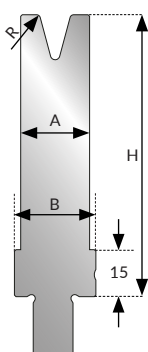
250 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85130006-510	30°	0,8	6	90,0 mm	14,0-26,0 mm	
E85130006-550				90,0 mm	14,0-26,0 mm	
E85130006-250				90,0 mm	14,0-26,0 mm	
E86130006-510	30°	0,8	6	130,0 mm	14,0-26,0 mm	
E86130006-550				130,0 mm	14,0-26,0 mm	
E86130006-250				130,0 mm	14,0-26,0 mm	



260 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85130008-510	30°	1	8	90,0 mm	16,0-26,0 mm	
E85130008-550				90,0 mm	16,0-26,0 mm	
E85130008-250				90,0 mm	16,0-26,0 mm	
E86130008-510	30°	1	8	130,0 mm	16,0-26,0 mm	
E86130008-550				130,0 mm	16,0-26,0 mm	
E86130008-250				130,0 mm	16,0-26,0 mm	

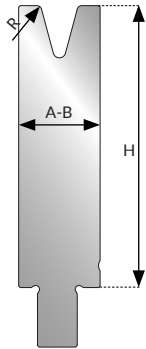


360 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85130010-510	30°	1,2	10	90,0 mm	22,0-26,0 mm	
E85130010-550				90,0 mm	22,0-26,0 mm	
E85130010-250				90,0 mm	22,0-26,0 mm	
E86130010-510	30°	1,2	10	130,0 mm	22,0-26,0 mm	
E86130010-550				130,0 mm	22,0-26,0 mm	
E86130010-250				130,0 mm	22,0-26,0 mm	

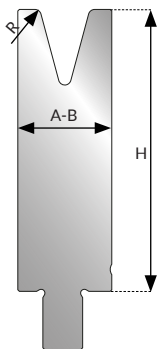
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30° Matrizen



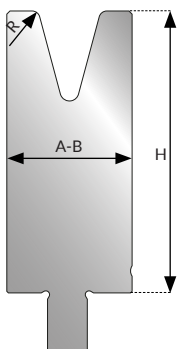
460 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85030012-510	30°	1,5	12	90,0 mm	26,0 mm	
E85030012-550				90,0 mm	26,0 mm	
E85030012-250				90,0 mm	26,0 mm	
E86030012-510	30°	1,5	12	130,0 mm	26,0 mm	
E86030012-550				130,0 mm	26,0 mm	
E86030012-250				130,0 mm	26,0 mm	



510 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85030016-510	30°	2	16	90,0 mm	30,0 mm	
E85030016-550				90,0 mm	30,0 mm	
E85030016-250				90,0 mm	30,0 mm	
E86030016-510	30°	2	16	130,0 mm	30,0 mm	
E86030016-550				130,0 mm	30,0 mm	
E86030016-250				130,0 mm	30,0 mm	

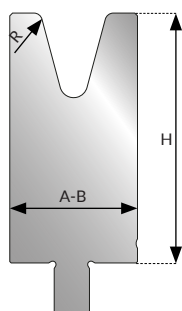


680 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85030020-510	30°	2,5	20	90,0 mm	40,0 mm	
E85030020-550				90,0 mm	40,0 mm	
E85030020-250				90,0 mm	40,0 mm	
E86030020-510	30°	2,5	20	130,0 mm	40,0 mm	
E86030020-550				130,0 mm	40,0 mm	
E86030020-250				130,0 mm	40,0 mm	

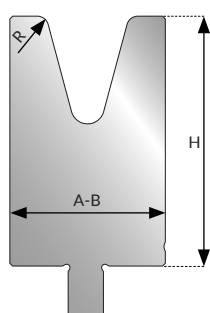
HINWEIS: MATRIZEN MIT "STONE RADIUS" AUF ANFRAGE LIEFERBAR • ALLE MATRIZEN SIND STANDARD INDUKTIV GEHÄRTET!

30° Matrizen



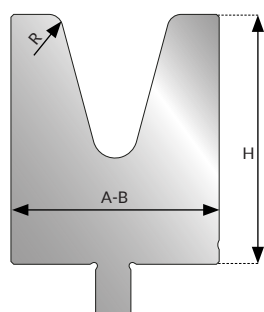
930 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85030024-510	30°	3	24	90,0 mm	46,0 mm	
E85030024-550				90,0 mm	46,0 mm	
E85030024-250				90,0 mm	46,0 mm	
E86030024-510	30°	3	24	130,0 mm	46,0 mm	
E86030024-550				130,0 mm	46,0 mm	
E86030024-250				130,0 mm	46,0 mm	



1100 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85030030-510	30°	4	30	90,0 mm	56,0 mm	
E85030030-550				90,0 mm	56,0 mm	
E85030030-250				90,0 mm	56,0 mm	
E86030030-510	30°	4	30	130,0 mm	56,0 mm	
E86030030-550				130,0 mm	56,0 mm	
E86030030-250				130,0 mm	56,0 mm	

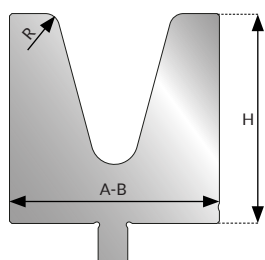


1400 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85030040-510	30°	5	40	90,0 mm	75,0 mm	
E85030040-550				90,0 mm	75,0 mm	
E85030040-250				90,0 mm	75,0 mm	
E86030040-510	30°	5	40	130,0 mm	75,0 mm	
E86030040-550				130,0 mm	75,0 mm	
E86030040-250				130,0 mm	75,0 mm	

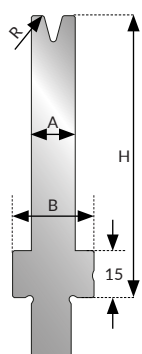
HINWEIS: MATRIZEN MIT "STONE RADIUS" AUF ANFRAGE LIEFERBAR • ALLE MATRIZEN SIND STANDARD INDUKTIV GEHÄRTET!

30° & 78° Matrizen



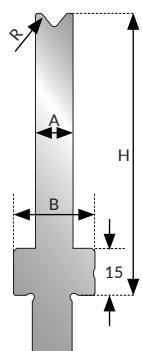
1350 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85030050-510	30°	6	50	90,0 mm	90,0 mm	
E85030050-550				90,0 mm	90,0 mm	
E85030050-250				90,0 mm	90,0 mm	
E86030050-510	30°	6	50	130,0 mm	90,0 mm	
E86030050-550				130,0 mm	90,0 mm	
E86030050-250				130,0 mm	90,0 mm	



280 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85178006-510	78°	0,8	6	90,0 mm	10,0-26,0 mm	
E85178006-550				90,0 mm	10,0-26,0 mm	
E85178006-250				90,0 mm	10,0-26,0 mm	
E86178006-510	78°	0,8	6	130,0 mm	10,0-26,0 mm	
E86178006-550				130,0 mm	10,0-26,0 mm	
E86178006-250				130,0 mm	10,0-26,0 mm	

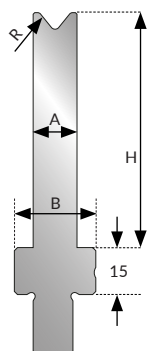


320 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85178008-510	78°	1	8	90,0 mm	12,0-26,0 mm	
E85178008-550				90,0 mm	12,0-26,0 mm	
E85178008-250				90,0 mm	12,0-26,0 mm	
E86178008-510	78°	1	8	130,0 mm	12,0-26,0 mm	
E86178008-550				130,0 mm	12,0-26,0 mm	
E86178008-250				130,0 mm	12,0-26,0 mm	

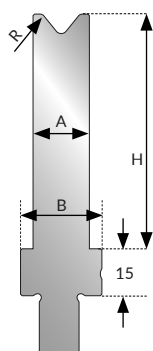
HINWEIS: MATRIZEN MIT "STONE RADIUS" AUF ANFRAGE LIEFERBAR • ALLE MATRIZEN SIND STANDARD INDUKTIV GEHÄRTET!

78° Matrizen



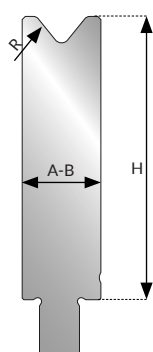
360 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85178010-510	78°	1,2	10	90,0 mm	14,0-26,0 mm	
E85178010-550				90,0 mm	14,0-26,0 mm	
E85178010-250				90,0 mm	14,0-26,0 mm	
E86178010-510	78°	1,2	10	130,0 mm	14,0-26,0 mm	
E86178010-550				130,0 mm	14,0-26,0 mm	
E86178010-250				130,0 mm	14,0-26,0 mm	



500 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85178012-510	78°	1,5	12	90,0 mm	18,0-26,0 mm	
E85178012-550				90,0 mm	18,0-26,0 mm	
E85178012-250				90,0 mm	18,0-26,0 mm	
E86178012-510	78°	1,5	12	130,0 mm	18,0-26,0 mm	
E86178012-550				130,0 mm	18,0-26,0 mm	
E86178012-250				130,0 mm	18,0-26,0 mm	

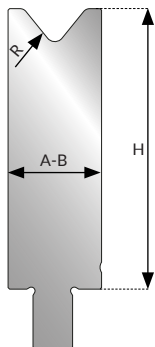


700 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85078016-510	78°	2	16	90,0 mm	25,0 mm	
E85078016-550				90,0 mm	25,0 mm	
E85078016-250				90,0 mm	25,0 mm	
E86078016-510	78°	2	16	130,0 mm	25,0 mm	
E86078016-550				130,0 mm	25,0 mm	
E86078016-250				130,0 mm	25,0 mm	

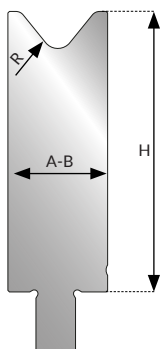
HINWEIS: MATRIZEN MIT "STONE RADIUS" AUF ANFRAGE LIEFERBAR • ALLE MATRIZEN SIND STANDARD INDUKTIV GEHÄRTET!

78° Matrizen



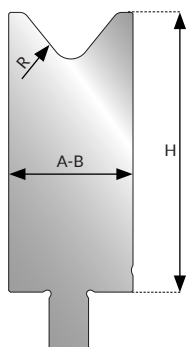
750 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85078020-510	78°	2,5	20	90,0 mm	30,0 mm	
E85078020-550				90,0 mm	30,0 mm	
E85078020-250				90,0 mm	30,0 mm	
E86078020-510	78°	2,5	20	130,0 mm	30,0 mm	
E86078020-550				130,0 mm	30,0 mm	
E86078020-250				130,0 mm	30,0 mm	



910 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85078024-510	78°	3	24	90,0 mm	32,0 mm	
E85078024-550				90,0 mm	32,0 mm	
E85078024-250				90,0 mm	32,0 mm	
E86078024-510	78°	3	24	130,0 mm	32,0 mm	
E86078024-550				130,0 mm	32,0 mm	
E86078024-250				130,0 mm	32,0 mm	

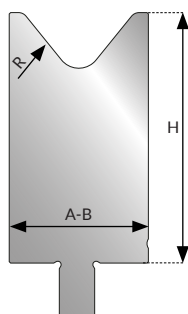


1150 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85078030-510	78°	3	30	90,0 mm	40,0 mm	
E85078030-550				90,0 mm	40,0 mm	
E85078030-250				90,0 mm	40,0 mm	
E86078030-510	78°	3	30	130,0 mm	40,0 mm	
E86078030-550				130,0 mm	40,0 mm	
E86078030-250				130,0 mm	40,0 mm	

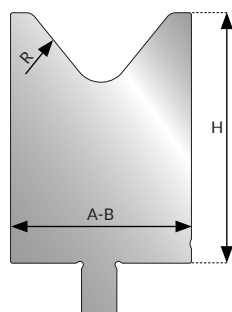
HINWEIS: MATRIZEN MIT "STONE RADIUS" AUF ANFRAGE LIEFERBAR • ALLE MATRIZEN SIND STANDARD INDUKTIV GEHÄRTET!

78° Matrizen



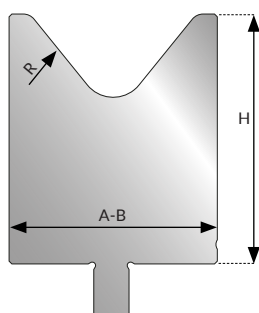
1350 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85078040-510	78°	3,5	40	90,0 mm	50,0 mm	
E85078040-550				90,0 mm	50,0 mm	
E85078040-250				90,0 mm	50,0 mm	
E86078040-510	78°	3,5	40	130,0 mm	50,0 mm	
E86078040-550				130,0 mm	50,0 mm	
E86078040-250				130,0 mm	50,0 mm	



1800 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85078050-510	78°	4	50	90,0 mm	65,0 mm	
E85078050-550				90,0 mm	65,0 mm	
E85078050-250				90,0 mm	65,0 mm	
E86078050-510	78°	4	50	130,0 mm	65,0 mm	
E86078050-550				130,0 mm	65,0 mm	
E86078050-250				130,0 mm	65,0 mm	

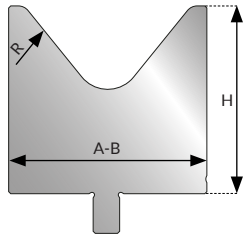


2000 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85078060-510	78°	5	60	90,0 mm	75,0 mm	
E85078060-550				90,0 mm	75,0 mm	
E85078060-250				90,0 mm	75,0 mm	
E86078060-510	78°	5	60	130,0 mm	75,0 mm	
E86078060-550				130,0 mm	75,0 mm	
E86078060-250				130,0 mm	75,0 mm	

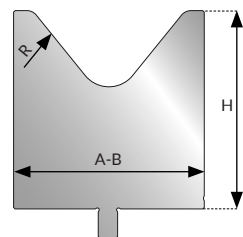
HINWEIS: MATRIZEN MIT "STONE RADIUS" AUF ANFRAGE LIEFERBAR • ALLE MATRIZEN SIND STANDARD INDUKTIV GEHÄRTET!

78° Matrizen



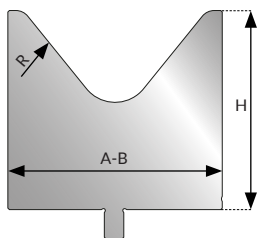
2300 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85078080-510	78°	6	80	90,0 mm	95,0 mm	
E85078080-550				90,0 mm	95,0 mm	
E85078080-250				90,0 mm	95,0 mm	
E86078080-510	78°	6	80	130,0 mm	95,0 mm	
E86078080-550				130,0 mm	95,0 mm	
E86078080-250				130,0 mm	95,0 mm	



2500 kN/m

KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E85078100-510	78°	8	100	90,0 mm	125,0 mm	
E85078100-550				90,0 mm	125,0 mm	
E85078100-250				90,0 mm	125,0 mm	
E86078100-510	78°	8	100	130,0 mm	125,0 mm	
E86078100-550				130,0 mm	125,0 mm	
E86078100-250				130,0 mm	125,0 mm	

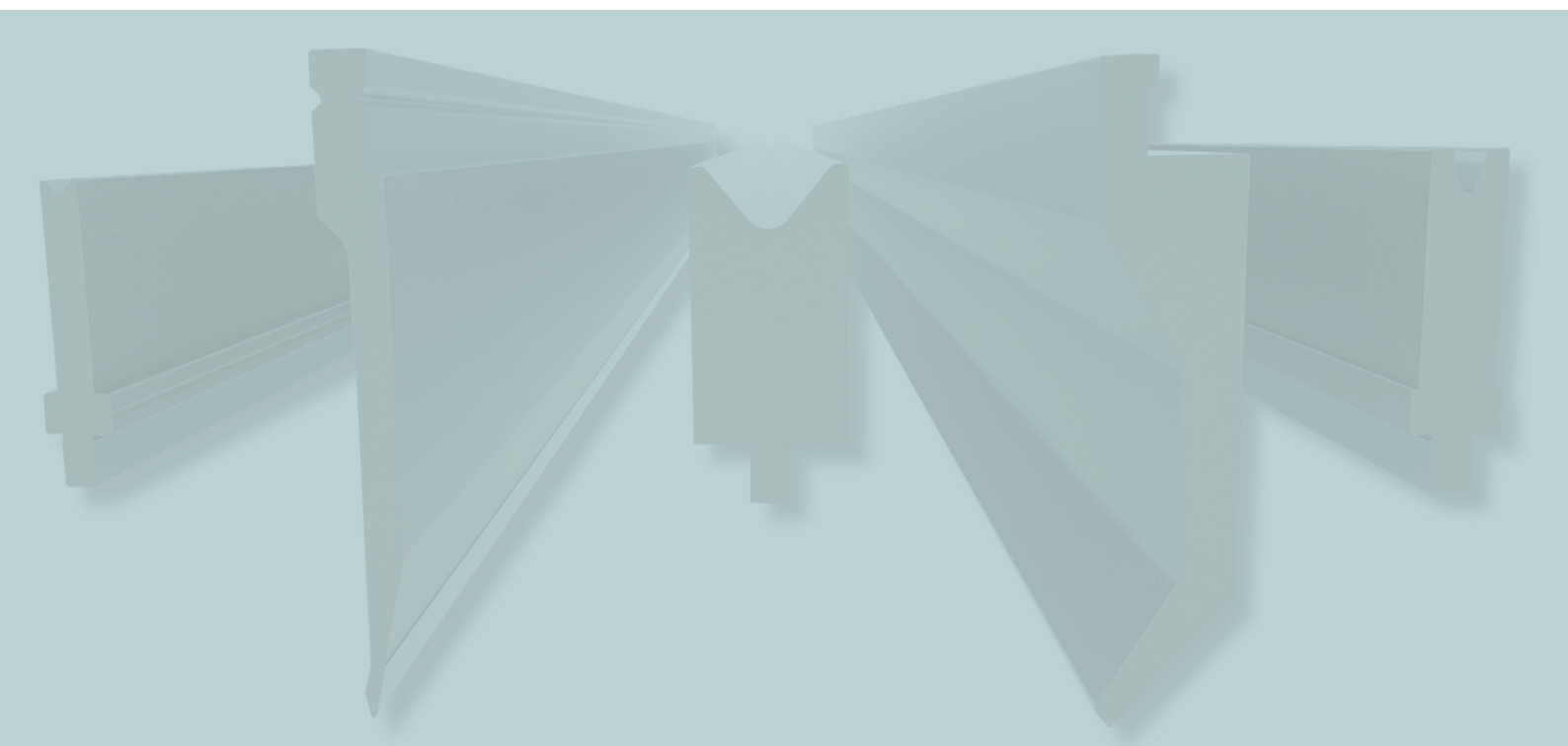


2700 kN/m

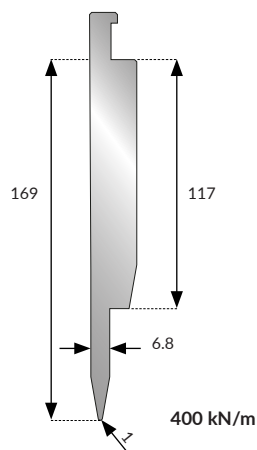
KAT. NR.	WINKEL	R	V-ÖFFNUNG	HÖHE	MATRIZEN-BREITE (A-B)	PREIS
E86078120-510	78°	10	120	130,0 mm	125,0 mm	
E86078120-550				130,0 mm	125,0 mm	
E86078120-250				130,0 mm	125,0 mm	

HINWEIS: MATRIZEN MIT "STONE RADIUS" AUF ANFRAGE LIEFERBAR • ALLE MATRIZEN SIND STANDARD INDUKTIV GEHÄRTET!

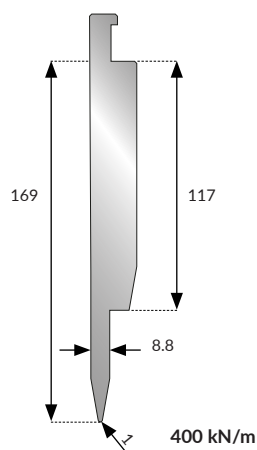
ZUDRÜCKEN



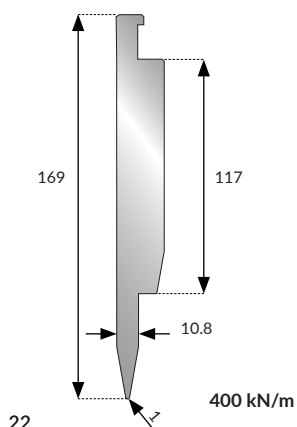
Zudrückstempel P10



LVD STEMPERPROFIL P10-08		HÖHE	LÄNGE	KAT. NR.	PREIS
20°	R1	169,0 mm	510,0 mm	E80420010-8-510	
		169,0 mm	550,0 mm sect.	E80420010-8-550	
		169,0 mm	250,0 mm	E80420010-8-250	

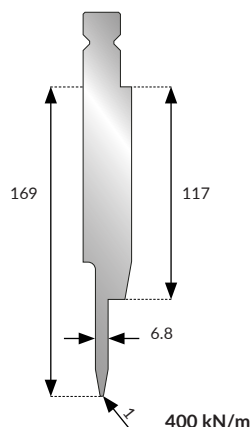


LVD STEMPERPROFIL P10-10		HÖHE	LÄNGE	KAT. NR.	PREIS
20°	R1	169,0 mm	510,0 mm	E80420010-10-510	
		169,0 mm	550,0 mm sect.	E80420010-10-550	
		169,0 mm	250,0 mm	E80420010-10-250	

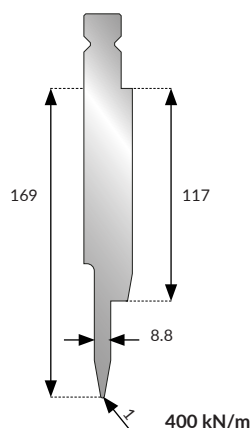


LVD STEMPERPROFIL P10-12		HÖHE	LÄNGE	KAT. NR.	PREIS
20°	R1	169,0 mm	510,0 mm	E80420010-12-510	
		169,0 mm	550,0 mm sect.	E80420010-12-550	
		169,0 mm	250,0 mm	E80420010-12-250	

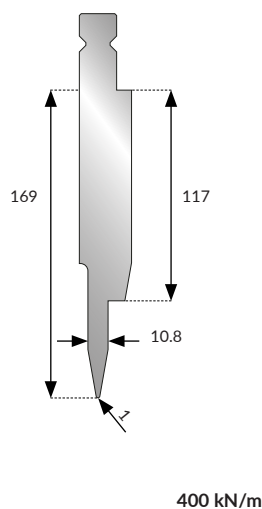
Zudrückstempel P10W



LVD STEMPELPROFIL P10W-08		HÖHE	LÄNGE	KAT. NR.	PREIS
20°	R1	169,0 mm	510,0 mm	E80420010-8-510W	
		169,0 mm	550,0 mm sect.	E80420010-8-550W	
		169,0 mm	250,0 mm	E80420010-8-250W	

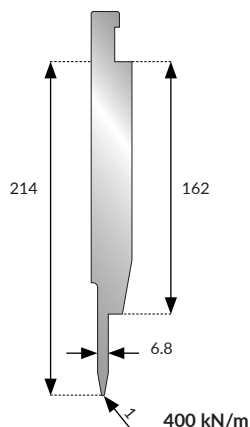


LVD STEMPELPROFIL P10W-10		HÖHE	LÄNGE	KAT. NR.	PREIS
20°	R1	169,0 mm	510,0 mm	E80420010-10-510W	
		169,0 mm	550,0 mm sect.	E80420010-10-550W	
		169,0 mm	250,0 mm	E80420010-10-250W	

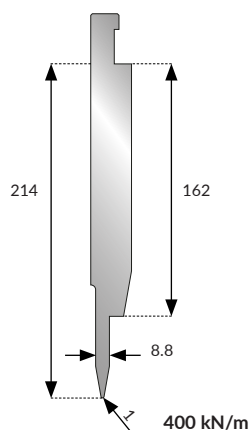


LVD STEMPELPROFIL P10W-12		HÖHE	LÄNGE	KAT. NR.	PREIS
20°	R1	169,0 mm	510,0 mm	E80420010-12-510W	
		169,0 mm	550,0 mm sect.	E80420010-12-550W	
		169,0 mm	250,0 mm	E80420010-12-250W	

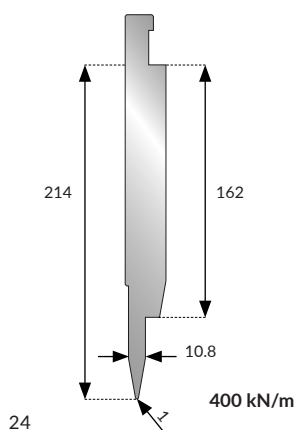
Zudrückstempel D15



LVD STEMPELPROFIL P15-08		HÖHE	LÄNGE	KAT. NR.	PREIS
20°	R1	214,0 mm	510,0 mm	E81420010-8-510	
		214,0 mm	550,0 mm sect.	E81420010-8-550	
		214,0 mm	250,0 mm	E81420010-8-250	

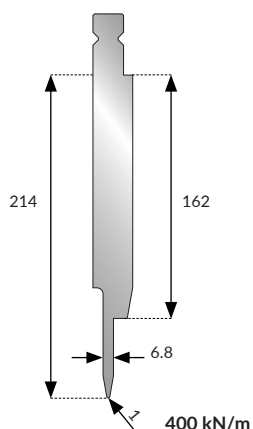


LVD STEMPELPROFIL P15-10		HÖHE	LÄNGE	KAT. NR.	PREIS
20°	R1	214,0 mm	510,0 mm	E81420010-10-510	
		214,0 mm	550,0 mm sect.	E81420010-10-550	
		214,0 mm	250,0 mm	E81420010-10-250	

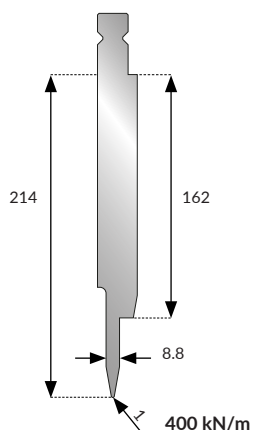


LVD STEMPELPROFIL P15-12		HÖHE	LÄNGE	KAT. NR.	PREIS
20°	R1	214,0 mm	510,0 mm	E81420010-12-510	
		214,0 mm	550,0 mm sect.	E81420010-12-550	
		214,0 mm	250,0 mm	E81420010-12-250	

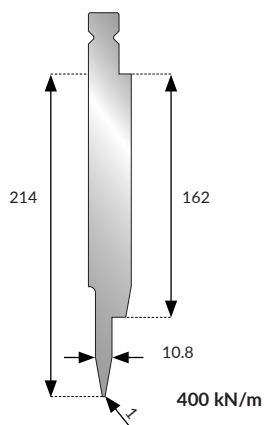
Zudrückstempel P15W



LVD STEMPERPROFIL P15W-08		HÖHE	LÄNGE	KAT. NR.	PREIS
20°	R1	214,0 mm	510,0 mm	E81420010-8-510W	
		214,0 mm	550,0 mm sect.	E81420010-8-550W	
		214,0 mm	250,0 mm	E81420010-8-250W	

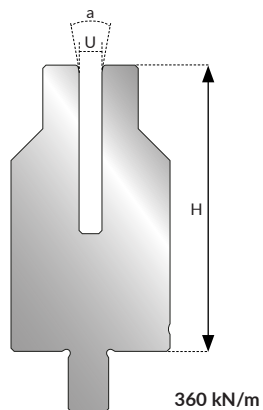


LVD STEMPERPROFIL P15W-10		HÖHE	LÄNGE	KAT. NR.	PREIS
20°	R1	214,0 mm	510,0 mm	E81420010-10-510W	
		214,0 mm	550,0 mm sect.	E81420010-10-550W	
		214,0 mm	250,0 mm	E81420010-10-250W	

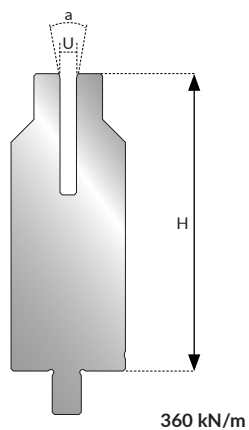


LVD STEMPERPROFIL P15W-12		HÖHE	LÄNGE	KAT. NR.	PREIS
20°	R1	214,0 mm	510,0 mm	E81420010-12-510W	
		214,0 mm	550,0 mm sect.	E81420010-12-550W	
		214,0 mm	250,0 mm	E81420010-12-250W	

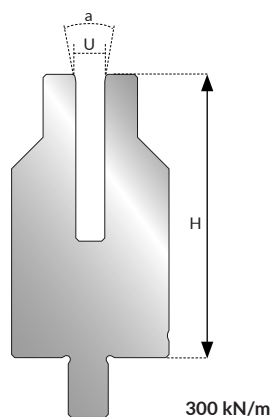
Zudrückmatrizen



KAT. NR.	WINKEL	U-SCHLITZBREITE	HÖHE	PREIS
E85020008-510	20°	8	90,0 mm	
E85020008-550			90,0 mm	
E85020008-250			90,0 mm	

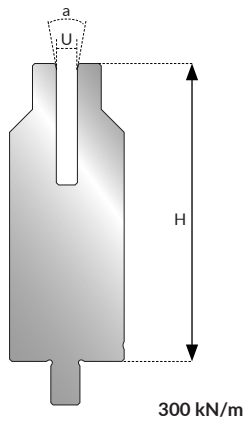


KAT. NR.	WINKEL	U-SCHLITZBREITE	HÖHE	PREIS
E86020008-510	20°	8	130,0 mm	
E86020008-550			130,0 mm	
E86020008-250			130,0 mm	

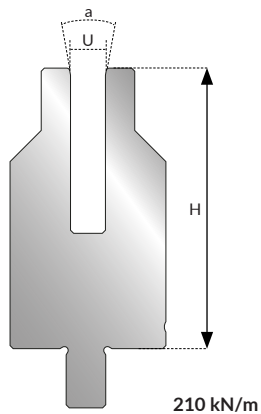


KAT. NR.	WINKEL	U-SCHLITZBREITE	HÖHE	PREIS
E85020010-510	20°	10	90,0 mm	
E85020010-550			90,0 mm	
E85020010-250			90,0 mm	

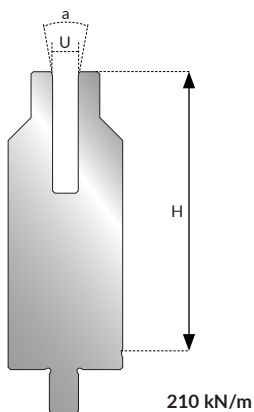
Zudrückmatrizen



KAT. NR.	WINKEL	U-SCHLITZBREITE	HÖHE	PREIS
E86020010-510	20°	10	130,0 mm	
E86020010-550			130,0 mm	
E86020010-250			130,0 mm	

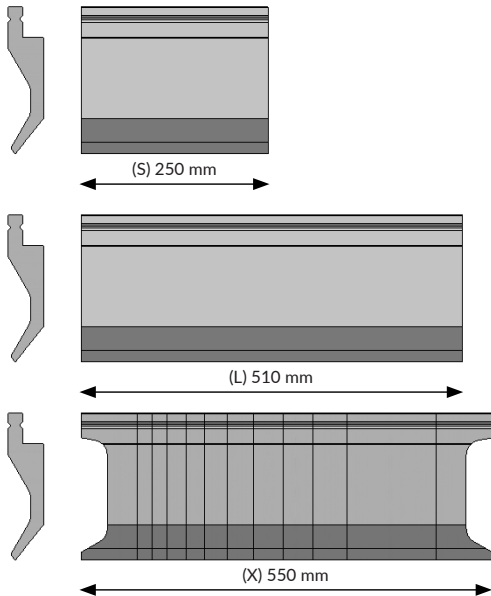


KAT. NR.	WINKEL	U-SCHLITZBREITE	HÖHE	PREIS
E85020012-510	20°	12	90,0 mm	
E85020012-550			90,0 mm	
E85020012-250			90,0 mm	



KAT. NR.	WINKEL	U-SCHLITZBREITE	HÖHE	PREIS
E86020012-510	20°	12	130,0 mm	
E86020012-550			130,0 mm	
E86020012-250			130,0 mm	

Standard Stempellängen



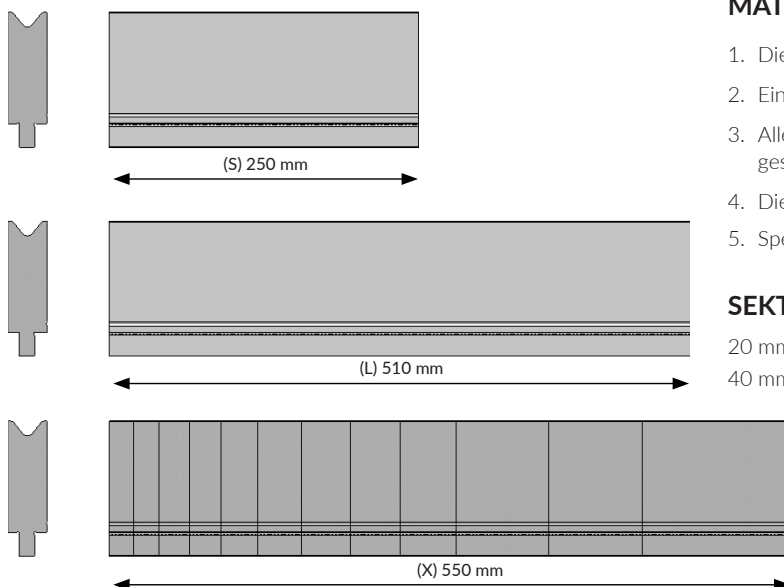
STEMPELMERKMALE:

1. Die meisten Stempel können von einer Person geladen werden.
2. Einfache Lagerhaltung.
3. Alle sektionalen Stempel werden in 12 Sektionen geschnitten geliefert.
4. Alle sektionalen Stempel werden mit linkem und rechtem Horn geliefert.
5. Die Stempel sind induktiv gehärtet (HRC 55–58)
6. Spezielle Stempel auf Anfrage erhältlich.

SEKTIONSLÄNGEN:

75 mm **HORN LINKS** / 20 mm / 20 mm / 25 mm / 25 mm / 30mm / 35mm / 40 mm / 40 mm / 45mm / 120 mm und 75 mm **HORN RECHTS**

Standard Matrizenlängen



MATRIZENMERKMALE:

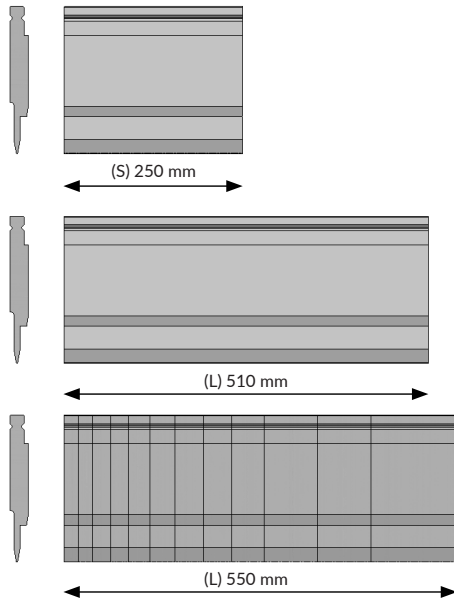
1. Die meisten Matrizen können von einer Person geladen werden.
2. Einfache Lagerhaltung.
3. Alle sektionalen Matrizen werden in 12 Sektionen geschnitten geliefert.
4. Die Matrizen sind induktiv gehärtet (HRC 55–58)
5. Spezielle Matrizen auf Anfrage erhältlich..

SEKTIONSLÄNGEN:

20 mm / 20 mm / 25 mm / 25 mm / 30mm / 35mm / 40mm / 40 mm / 45 mm / 75 mm / 75 mm und 120 mm

ACHTUNG: SPEZIEELLE WERKZEUGLÄNGEN AUF ANFRAGE UND GEGEN AUFFREIS LIEFERBAR!

Zudrückstempel - Standardlängen



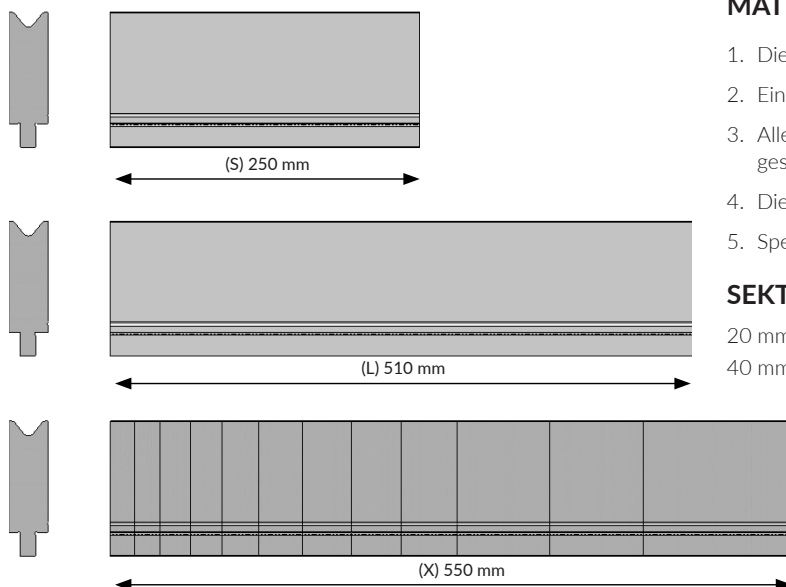
STEMPELMERKMALE:

1. Die meisten Stempel können von einer Person geladen werden.
2. Einfache Lagerhaltung.
3. Alle sektionalen Stempel werden in 12 Sektionen geschnitten geliefert.
4. Die Stempel sind induktiv gehärtet (HRC 55–58)
5. Spezielle Stempel auf Anfrage erhältlich.

SEKTIONSLÄNGEN:

20 mm / 20 mm / 25 mm / 25 mm / 30mm / 35mm / 40mm /
40 mm / 45 mm / 75 mm / 75 mm und 120 mm

Zudrückmatrizen Standardlängen



MATRIZENMERKMALE:

1. Die meisten Matrizen können von einer Person geladen werden.
2. Einfache Lagerhaltung.
3. Alle sektionalen Matrizen werden in 12 Sektionen geschnitten geliefert.
4. Die Matrizen sind induktiv gehärtet (HRC 55–58)
5. Spezielle Matrizen auf Anfrage erhältlich.

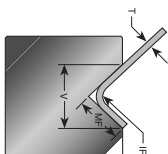
SEKTIONSLÄNGEN:

20 mm / 20 mm / 25 mm / 25 mm / 30mm / 35mm / 40mm /
40 mm / 45 mm / 75 mm / 75 mm und 120 mm

Presskrafttabelle beim Luftbiegen

STANDARDFORMEL ZUR BESTIMMUNG EINER V-ÖFFNUNG ÜBER DIE MATERIALDICKE (T)				
2,6 mm oder dünner	=	T x 6	Achtung: Diese Formeln sind nur Richtwerte. Für die spezifische Ermittlung der V-Öffnung benutzen Sie bitte die untenstehende Tabelle.	
3,0 mm - 8,0 mm	=	T x 8		
9,0 mm - 12,0 mm	=	T x 10		
Dicker als 12,0 mm	=	T x 12		

BENÖTIGTE PRESSKRAFT - ANDERE MATERIALIEN (= STAHLBLECH X)				
Messing, weich	x		0,5	
Aluminium	x		0,5	
Harte Aluminiumlegierungen	x		1	
Edelstahl	x		1,5	



WERTE FÜR STAHLBLECH		4	6	7	8	10	12	14	16	18	20	22	25	32	40	50	63	80	100	125	160	200	250
MATERIALDICKE	V (mm)	4	6	7	8	10	12	14	16	18	20	22	25	32	40	50	63	80	100	125	160	200	250
	MF	2,8	4,2	4,9	5,6	7,0	8,6	10,1	11,5	13,0	14,4	*15,8	18,0	24,0	30,0	37,5	47,3	60,0	75,0	96,3	123,2	154,0	192,5
MATERIALDICKE	IR	0,7	1,0	1,2	1,3	1,7	2,0	2,3	2,7	3,0	3,3	3,7	4,2	5,3	6,7	8,3	10,5	13,3	16,7	20,8	26,7	33,3	41,7
	0,5 mm	4,5	2,8																				
MATERIALDICKE	0,6 mm		6,0	4,2	3,3	3,2																	
	0,8 mm			8,0	7,2	5,6	4,4																
MATERIALDICKE	1,0 mm				11,0	10,0	9,0	7,0	5,5														
	1,2 mm					14,0	13,2	10,8	8,4	7,5	6,6												
MATERIALDICKE	1,4 mm						15,4	14,0	12,6	9,8	8,8	7,7											
	1,6 mm							17,6	16,0	14,4	11,2	10,0	8,8										
MATERIALDICKE	2,0 mm								22,0	20,0	18,0	16,0	14,0	12,5	11,0								
	2,3 mm									25,3	23,0	20,7	18,4	16,1	14,4	12,7							
MATERIALDICKE	2,6 mm										28,6	26,0	23,4	20,8	18,2	14,3							
	3,0 mm											33,0	30,0	28,53	27,0	21,0	16,5						
MATERIALDICKE	3,2 mm												35,2	31,9	28,8	22,4	17,6	14,4					
	3,5 mm													38,5	35,0	28,0	21,9	15,8	14,0				
MATERIALDICKE	4,0 mm														44,0	36,0	28,0	22,0	18,0				
	4,5 mm															45,0	36,0	28,1	20,3				
MATERIALDICKE	5,0 mm																55,0	45,0	26,3	22,5			
	6,0 mm																	60,0	54,0	37,5	31,5	24,0	
MATERIALDICKE	7,0 mm																			56,0	43,8	31,5	28,0
	9,0 mm																				72,0	56,3	40,5
MATERIALDICKE	10,0 mm																					90,0	70,0
	12,0 mm																						108,0
MATERIALDICKE	16,0 mm																						144,0
	19,0 mm																						152,0
MATERIALDICKE	22,0 mm																						176,0
	25,0 mm																						225,0
MATERIALDICKE	30,0 mm																						270,0

• T = MATERIALDICKE • V = V-ÖFFNUNG • MF = MINIMALE SCHENKELLÄNGE • IR = MINIMALER INNENRADIUS
Die Angaben zur benötigten Presskraft in der obigen Tabelle beziehen sich auf Stahlblech mit einer Zugfestigkeit von 450 - 500 N/mm². Zur Berechnung der benötigten Presskraft für andere Materialien benutzen Sie bitte die oben rechts in einer Tabelle aufgeführten Multiplikatoren.



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