

		AMERICAN EQUIVALENT SIZES	No's	0	1/2	1 1/2	2 1/2
TYPE KBL (with punch)	Size Code word	KBL 11 N Kolno	13 Kolem	16 Kazo	20 Kifo		
PLATE SHEARS cut with standard knives							
Sheets	up to in.	7/16	1/2	5/8	3/4		
Trim sheets, max. trim width = twice sheet thickness	"	1/2	5/8	3/4	7/8		
Cut flat iron (in one cut)	"	5 1/2 x 1 1/2	6 x 3/8	6 x 3/4	6 x 7/8		
Shorten legs of angles	"	3 1/2 x 1 1/2	4 x 1 1/2	4 x 5/8	4 3/4 x 3/4		
Length of knife	in.	8 7/8	9 7/8	10 1/4	11 7/8		
cut with special knives							
Flat iron, deformation free (Cutting angle abt. 25°)	up to in.	2 3/4 x 3/8	3 1/8 x 1 5/32	7 1/8 x 3/8	7 7/8 x 5/8		
or	"	2 x 1 1/2	2 3/8 x 5/8	4 x 3/8	6 x 1 1/8		
Height above floor of plate knife (without substr.)	abt. in.	11 13/16	14	15	16 1/8		
SECTION SHEARS cut with standard knives							
Max. shearing cross section	sq. in.	2.636	3.72	5.2	6.2		
Angles, square	up to in.	3 9/16 x 2 3/16	4 5/16 x 3/8	5 1/8 x 1 1/2	6 x 1 1/2		
Angles, up to 45° mitre	"	2 9/16 x 1 1/4	3 9/16 x 2 3/16	4 x 1 1/2	4 x 1 1/2		
Unequal angles	"	3 15/16 x 2 17/16 x 2 7/16	5 1/8 x 2 15/16 x 3/8	5 1/4 x 3 9/16 x 2 1/2	6 x 4 x 5/16		
T-bars, square	"	3 9/16 x 2 3/16	4 x 7/16	5 1/4 x 1 1/2	6 x 1 1/2		
T-bars, up to 45° mitre	"	2 9/16 x 1 1/4	3 1/8 x 2 3/16	4 x 7/16	4 x 1 1/2		
Round bars	"			1 3/4	2 3/32		
Square bars	"	in the steel rod shears		1 3/8	2		
cut with different special knives							
Channels, square	up to BSS	5 x 2 1/2	6 x 3	8 x 3 1/2	9 x 3 1/2		
Channels, up to 45° mitre	"	3 x 1 1/2	5 x 2 1/2	5 x 2 1/2	7 x 3		
Double T-bars, square	"	5 x 2 1/2	6 x 3	8 x 4	9 x 4		
Double T-bars, up to 45° mitre	"	4 x 2	5 x 2 1/2	6 x 3	7 x 3 1/2		
Z-bars, square	up to in.	4	5 1/2	6 1/2	8		
Z-bars, up to 45° mitre	"	3	4	5 1/2	6 1/2		
Angles, square	"			6 x 1/2	6 x 5/8		
Round bars	"	1 1/2	2	2	2 3/8		
Square bars	"	1 27/64	1 3/4	1 3/4	2 5/32		
Height above floor of section shears (without substr.)	abt. in.	20 3/8	26 5/8	29 1/2	32 1/4		
STEEL ROD SHEARS cut with standard knives							
Round bars	up to in.	1 5/16	1 5/8				
Square bars	"	1 3/16	1 1/2				
cut with different special knives							
Channels	up to BSS	2 3/8 x 5/16	4 x 2	in the section shears		in the section shears	
Double T-bars	"	2 3/8 x 5/16	4 x 1 3/4				
Angles	up to in.	2 1/2	3 x 3/8				
T-bars	"	3 x 1 1/2	3 1/8 x 2 3/16				
Z-bars	"	2 1/2	3				
Height above floor of rod steel shears (without substr.)	abt. in.	23 1/32	28 3/8				
COPER with rectangular tool							
Sheets	up to in.	3/8	15/32	9/16	5/8		
Angles up to root, one stroke	"	2 15/16 x 5/16	3 1/8 x 3/8	3 9/16 x 7/16	3 1/8 x 15/32		
Tees in flange up to root, one stroke	"	3 x 5/16	3 1/8 x 2 3/16	4 x 7/16	4 x 7/16		
T-bars in web with special tools	"	2 3/8 x 1/4	3 1/8 x 2 3/16	4 x 7/16	4 x 7/16		
Channels in flange	up to BSS	5	5 x 2 1/2	8 x 3 1/2	10 x 3 1/2		
Double T-bars in flange	"	6	5 x 2 1/2	8 x 4	10 x 4 1/2		
Notching width	abt. in.	1 1/2	2	2 1/8	2 3/8		
Notching depth, one stroke	"	2 3/4	3	3 1/8	3		
Notching depth, repeated	"	3 1/8	3 3/8	4 3/4	5 1/2		
with triangular tool							
Sheets	up to in.	3/8	15/32	9/16	5/8		
Angles	"	2 3/4 x 2 3/16	3 x 3/8	3 1/8 x 15/32	3 1/8 x 9/16		
T-bars in flange	"	2 3/4 x 5/16	3 1/8 x 2 3/16	4 x 7/16	4 x 7/16		
T-bars in web with special tools	"	2 3/4 x 5/16	3 1/8 x 2 3/16	3 1/8 x 2 3/16	3 1/8 x 2 3/16		
Channels in flange	up to BSS	5	5 x 2 1/2	8 x 3 1/2	10 x 3 1/2		
Double T-bars in flange	"	6	5 x 2 1/2	8 x 4	10 x 4 1/2		
Notching depth	abt. in.	2 3/8	2 3/4	2 3/4	2 3/4		
Height above floor of notching tool (without substr.)	"	23 5/8	28 1/8	32 5/8	36		
PUNCHING MACHINE							
Exerted pressure	abt. lbs.	77000	121000	143000	187000		
Length of stroke	in.	1 9/16	1 3/16	1 1/4	1 3/16		
Diameter of hole	"	1 or 1 1/2	1 or 3/4	1 1/16 or 7/8	1 9/16 or 1		
in sheets of	"	7/16	9/8	3/4	7/8		
Channels in flange	up to BSS	3-11	3-12	3-15	4-17		
Double T-bars in flange	"	3-11	3-12	3-15	3-17		
Channels in web	"	3-15	3-12	3-17	4-17		
Double T-bars in web	"	3-15	3-18	3-22	4-24		
T-bars for window production with special tools	up to in.	1 1/2 x 3/16	1 3/4 x 7/32	2 x 1/4	2 3/8 x 9/32		
Height above floor of the die	abt. in.	18/20 1/2	23/26	25/28	26/30		
Depth of the throat	"	12 3/4	15 3/4	19 3/4	19 3/4		
Number of strokes	abt. per min.	55	40/46	32	32		
Power required	abt. HP	2	3	5.5	7.5		
Motor speed	abt. r.p.m.	1500	1500	3000	3000		
Length of the machine	abt. in.	53 1/2	67	77	83		
Width of the machine	"	23 1/2	27 1/2	35 1/2	41 3/8		
Height of the machine	"	51	67	75	83		
Height of the substructure	"	13 3/4	7 7/8	6 5/16	4 3/4		
Height of the slewable substructure	"	13 3/4	10 7/8	10 7/8	10 7/8		
Height of the guidable chassis	"	10 7/8	10 7/8	10 7/8	10 7/8		
Net weight of the machine with motor	abt. lbs.	2460	5424	5840	8800		
Gross weight, seaworthy packed	"	3000	6218	7050	10200		
Space required of seaworthy packing	abt. cu. ft.	54	110	124	150		