

Welding The World With Pride...



HERBA
GERMANY

MADE IN INDIA

In one continent over 15 Markets

ELECTRODE HOLDERS

EN 60974-11

Code

ECO Series



Product Code				
HBEHECO30	200	300	5.0	50



Product Code				
HBEHECO40	300	400	5.0	50



Product Code				
HBEHECO60	400	600	6.3	70

ELECTRODE HOLDERS

EN 60974-11

Code

KH Series



CE	Product Code				
		60 %	35 %	mm	mm ²
	HBEHKB30	250	300	4.0	35



CE	Product Code				
		60 %	35 %	mm	mm ²
	HBEHKB50	400	500	5.0	50



CE	Product Code				
		60 %	35 %	mm	mm ²
	HBEHKB60	500	600	6.3	70

EARTH CLAMPS

BS 638.5

Code

CC Series



Product Code			
HBECCR40	60 %	35 %	mm ²
	300	400	70



Product Code			
HBECCR60	60 %	35 %	mm ²
	500	600	95

Code

LNC Series



Product Code			
HBECLNC30	60 %	35 %	mm ²
	250	300	50



Product Code			
HBECLNC50	60 %	35 %	mm ²
	400	500	95

EARTH CLAMPS

BS 638.5

Code

TWC Series



Product
Code



60 %



35 %



mm²

HBECTWC30

250

300

50



Product
Code



60 %



35 %



mm²

HBECTWC50

400

500

95



Product
Code



60 %



35 %



mm²

HBGC600STBS

500

600

95



Product
Code



60 %



35 %



mm²

HBECM60R

400

500

95

CABLE CONNECTORS

EN 60974-12

Code

CC-DN Series



CE	Product Code		
			
	60 %	35 %	m m ²
	300	400	50

CE	Product Code		
			
	60 %	35 %	m m ²
	400	500	70



CE	Product Code		
			
	60 %	35 %	m m ²
	500	600	95

Code

CC-LC Series



CE	Product Code		
			
	60 %	35 %	m m ²
	400	500	50

CE	Product Code		
			
	60 %	35 %	m m ²
	400	500	50

MACHINE PANEL SOCKET & PANEL PLUGS

EN 60974-12

Code

CC Machine
Connector



Product Code			
HBMC2M8-F	200	250	25



Product Code			
HBMC2M10-F	300	400	50



Product Code			
HBMC2M12-F	400	500	70



Product Code			
HBMC2M8-M	200	250	25



Product Code			
HBMC2M10-M	300	400	50



Product Code			
HBMC2M12-M	400	500	70

MACHINE PANEL SOCKET & PANEL PLUGS

EN 60974-12

Code

CC Machine
Connector



Product Code			
HBMC2M8-F	200	250	25



Product Code			
HBMC2M10-F	300	400	50



Product Code			
HBMC2M12-F	400	500	70



Product Code			
HBMC2M8-M	200	250	25



Product Code			
HBMC2M10-M	300	400	50



Product Code			
HBMC2M12-M	400	500	70

PRODUCT
CHIPPING
HAMMERS

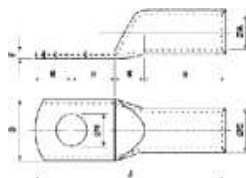
PRODUCT
CABLE
LUGS



Code Weight
CH-SH-MD-W 380 gram



Code Weight
CH-SH-LH1-BL 420 gram



Code	Cable Size	A	C	D	F	B	K	H	G	J
CL-10	10 mm²	4.0	23	11.0	1.3	9.0	3.0	6.0	6.0	24.0
CL-16	16 mm²	5.3	24	11.0	1.6	12.0	4.0	8.0	6.0	30.0
CL-35	35 mm²	8.0	31	15.0	2.0	12.0	5.0	12.0	8.0	37.0
CL-70	70 mm²	11.6	40	20.0	2.2	18.0	10.0	15.0	13.0	56.0
CL-95	95 mm²	12.8	44	23.0	2.8	20.0	10.0	20.0	13.0	58.0

WIRE BRUSHES



Stainless Steel Wire

Product	Length	Width	Height	No. of Rows
HB-BRH-SS4W	295 mm	15 mm	15 mm	4 x 16 Rows



Mild Steel Wire

Product	Length	Width	Height	No. of Rows
HB-BRH-MS4W	295 mm	15 mm	15 mm	4 x 16 Rows



Brass Wire

Product	Length	Width	Height	No. of Rows
HB-BRH-BRH4W	295 mm	15 mm	15 mm	4 x 16 Rows

GAS LIGHTER



Code
HBGL-SQ



Code
HBGL-RO

TIP
CLEANER



Code
TC813, TC1013, TC1213

WELDING GUAGE



Code
WG08



Code
WG13



Code
WG11

TANK WRENCHES



Code
TW5



Code
SK

WELDING HELMET

FG-LW TYPE

Fiber Glass



Lift
window

TP-FW TYPE

Thermoplastic



Fixed
window

Product Window Size
HBWH-FG-LW-214 2 x $\frac{3}{4}$ (51 x 108 mm)

Product Window Size
HBWH-TP-FW-214 2 x $\frac{3}{4}$ (51 x 108 mm)

ELECTRODE OVENS (QUIVERS)

EL-OV-10SID

Insulated



Dual
Voltage

EL-OV-20SIDV

Insulated

Dual
Voltage



Adjustable
Thermostat

EL-OV-20IRUDV

Insulated

Dual
Voltage



Adjustable
Thermostat

EL-OV-50IDV

Insulated

Dual
Voltage



Adjustable
Thermostat

Technical Specification

Model No.	Electrode Capacity	Input Voltage	Power	Max. Temperature	Electrode Capacity	Chamber Size	Size	Weight
HBEL-OV-10SID	5 Kg	AC220V/110V	65W	120°C	457 mm	Depth 19 2/1	545 x 120 x 113 mm	4.16 Kg
HBEL-OV-20SIDV	9 Kg	AC220V/110V	250W	150°C	450 mm	480 x 110 x 110 mm	590 x 180 x 180 mm	7.15 Kg
HBEL-OV-20IRUDV	9 Kg	AC220V/110V	250W	150°C	450 mm	480 x 110 x 110 mm	590 x 180 x 180 mm	7.15 Kg
HBEL-OV-50IDV	22.7 Kg	AC220V/110V	350W	80-150°C	450 mm	460 x 150 x 150 mm	570 x 232 x 232 mm	12 Kg



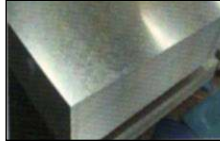
In one continent over 15 Markets

Bandsaw – blades for
CNC machines



GOLD M42 - EXTREME

Specially designed tooth geometry with positive rake angle.

**M42 EXTREME**

S. No.	SIZE IN MM	CONSTANT TPI	VARIABLE TPI
1	20 x 0.90	-	4/6
2	27 x 0.90	4,6	3/4, 4/6
3	34 x 1.10	4,6	3/4, 4/6
4	41 x 1.30	2,4,6	3/4, 4/6

Cutting Application : Low alloy steel and Unalloyed tool steel.

**GOLD M42-FLEX**

Specially designed tooth geometry having strong tooth for absorbing shocks due to interrupted cut.

**FLEX**

S. No.	SIZE IN MM	CONSTANT TPI	VARIABLE TPI
1	20 x 0.90	-	4/6, 5/8, 5/7
2	27 x 0.90	-	2/3, 3/4, 4/5, 5/8, 5/7
3	34 x 1.10	-	2/3, 3/4, 4/5, 5/8, 5/7
4	41 x 1.30	-	2/3, 3/4, 4/5, 5/8
5	54 x 1.60	-	4/6, 3/4, 2/3
6	67 x 1.60	-	2/3, 3/4

Cutting Application : Bundle cutting for pipes, Tubing and Structural steel.



GOLD M42 - PREMIUM

Specially designed tooth geometry with positive rake angle having additional relief angle and deep gullet.



M42 - PREMIUM



S. No.	SIZE IN MM	CONSTANT TPI	VARIABLE TPI
1	20 x 0.90	-	3/4, 4/6
2	27 x 0.90	-	2/3, 3/4, 4/6
3	34 x 1.10	-	2/3, 3/4, 4/6
4	41 x 1.30	-	2/3, 3/4, 4/6, 14/2
5	54 x 1.60	1.25	2/3, 3/4, 4/6, 1.4/2, 0.75/1.25
6	67 x 1.80	0.75, 1.25	2/3, 3/4, 0.75/1.25, 1.4/2, 0.75/1.10
7	80 x 1.60	1.25, 0.75	2/3, 3/4, 0.75/1.25, 1.4/2, 0.75/1.10

Cutting Application : Structural steels, Deep drawing steel, Machine steel. Spring steel. Medium alloy steel. Nitriding steel. Stainless steel.



GOLD M42- ULTIMA

Specially designed tooth geometry with extreme positive rake angle having additional relief angle and deep gullet for aggressive cutting.



M42- ULTIMA



S. No.	SIZE IN MM	CONSTANT TPI	VARIABLE TPI
1	27x0.90	-	2/3
2	34x1.10	-	2/3
3	41x1.30	-	2/3
4	54x1.60	-	2/3
5	67x1.60	-	2/3
			2/3

Cutting Application : Deep drawing steel, Spring steel. Case hardened steel. Nitriding steel. Tool steel. Quenched & Tempered steel and Hot work steel.



MEAT BLADE

STAINLESS STEEL MEAT AND FISH

CUTTING BLADES (Instead of MEAT BLADES)

Designed to achieve cost effective processing and hygienic practices that minimizes microbial combination for both frozen and fresh Meat.

SR. NO	SIZE IN MM	CONSTANT TPI
1	16 * 0.5	3,4
2	19*0.5	3,4
3	20 *05	3,4

WOOD CUTTING BLADES



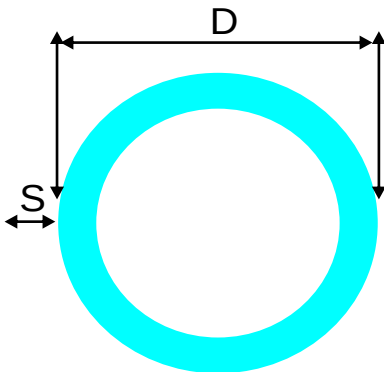
TOOTH SELECTION CHART

FOR ROUND SOLID BAR																						
Diameter in mm	5	10	15	20	25	30	50	75	100	150	200	300	500	700	800	900	1000	1100	1200			
TEETH PER INCH/25 MM	10/14	8/12	6/10	5/8	4/6	3/4	2/3	1.4/2	1.25	0.75/1.25												

FOR SQUARE / RECTANGLE SOLID																						
Width in mm	5	10	15	20	25	30	50	75	100	150	200	250	300	400	500	700	800	900	1000	1100	1200	
TEETH PER INCH/25 MM	10/14	8/12	6/10	5/8	4/6	3/4	2/3	1.4/2	1.25	0.75/1.25												

FOR STRUCTURALS																						
Wall Thickness in mm	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	20	25	30	40	50		
TEETH PER INCH/25 MM	10/14	8/12	6/10	5/8	4/6	3/4	2/3															

TOOTH SELECTION CHART FOR CUTTING OF PIPES /TUBES



D = Diameter
S= Wall Thickness

D(mm)	20	40	60	80	100	120	150	200	300	400	500	600	700
S(mm)	Tooth pitch (TPI)												
2	14	14	14	14	14	14	10-14	10-14	8-12	8-12	6-10	6-10	5-8
3	14	14	10-14	10-14	10-14	10-14	8-12	8-12	6-10	6-10	5-8	5-8	5-8
4	14	14	10-14	10-14	8-12	8-12	8-12	8-12	5-8	5-8	4-6	4-6	4-6
5	14	10-14	10-14	10-14	8-12	8-12	8-12	6-10	5-8	5-8	4-6	4-6	3-4
6	14	10-14	10-14	8-12	8-12	8-12	8-12	5-8	5-8	4-6	4-6	4-6	3-4
8	14	10-14	10-14	8-12	8-12	6-10	6-10	5-8	4-6	4-6	4-6	3-4	3-4
10		8-12	6-10	6-10	6-10	5-8	5-8	4-6	4-6	4-6	3-4	3-4	3-4
12		8-12	6-10	6-10	5-8	5-8	4-6	4-6	4-6	3-4	3-4	3-4	3-4
15		8-12	6-10	5-8	5-8	4-6	4-6	4-6	3-4	3-4	3-4	2-3	2-3
20			6-10	5-8	4-6	4-6	4-6	3-4	3-4	3-4	2-3	2-3	2-3
30				4-6	4-6	4-6	3-4	3-4	3-4	2-3	2-3	2-3	2-3
50						3-4	3-4	3-4	2-3	2-3	2-3	2-3	2-3
75								2-3	2-3	2-3	2-3	2-3	1.4-2
100									2-3	2-3	1.4-2	1.4-2	1.4-2
150									2-3	1.4-2	1.4-2	1.4-2	
200										1.4-2	1.4-2	1.4-2	

BLADE BREAK-IN EXTREMELY IMPORTANT

The extremely sharp tooth tip and edges of new blades must be broken-in before applying full feed pressure to the blade. A good analogy is that of writing with a freshly sharpened wooden pencil.

RECOMENDED PROCEDURE

- Maintain proper blade speed for the material to be cut.
- Reduce blade feed pressure or feed rate by 50% for the first 300 to 500 square cm of material cut
- Gradually increase feed pressure or feed rate after break-in to full pressure or rate.

HACKSAW FRAME



Hacksaw Frame 12"
Chrome



Hacksaw Frame 12"
Powder Coated



Junior Hacksaw Frame
Plastic Handle



Junior Wire
Saw Frame



Junior Hacksaw Frame
Wooden Handle



Hacksaw Blade 12" – 18 & 24 T



Herba Junior Hacksaw Blade



Herba Outside Caliper



Herba Divider



Herba Inside Caliper

**CALIPERS AND DIVIDERS
Available In Sizes 6" 8" 10" 12" And 18".**



HERBA
GERMANY

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