## EKOBANT METAL

## **STEEL STRAPPING & SEALS & TOOLS** FOR PROFESSIONAL PACKING



Ecofix, high-quality steel straps are produced by Ekobant Metal. It's a steel strap manufactured with the highest technology full automatic production line which starts with cold rolling of low-medium carbon steel, heat treatment of high carbon steels with a stress relief process and ends with packing. Upon customer request blue tempered, black painted, bright and waxed surfaces can be created.

high quality packing steel strap seals are produced by Ekobant Metal. Raw material, after cold rolling of low carbon steels produced upon related standards with full automatic high speed presses and packed. Upon customer request non coating, zinc coating and customer logos can be applied to seals.



















Cold-Rolled & Hardened & Tempered Packing Steel Straps (ecological fixing)													
lead-free production			ecoFIX					ecoPOWER				ecoPLUS	ecoUSLM
mm	0,63	0,80	0,70	0,80	0,90	0,63	0,80	0,70	0,80	0,80	0,80	0,80	1,12
mm	19,00	19,00	31,80	31,80	31,80	19,00	19,00	31,80	31,80	19,00	31,80	31,80	31,80
mm²	11,97	15,20	22,26	25,44	28,62	11,97	15,20	22,26	25,44	15,20	25,44	25,44	35,62
N/mm²	750	750	750	750	735	875	875	875	875	750	750	900	1.025
Newtons	8.978	11.400	16.695	19.080	21.036	10.474	13.300	19.478	22.260	11.400	19.000	22.896	36.506
ISO6892/L:5D	6	8	8	8	8	2	2	2	2	16	16	12	12
m/kg	10,62	8,64	5,71	5,00	4,44	10,62	8,64	5,71	5,00	8,64	5,00	5,00	3,57
Rbn. / Osc.	R	R	R/O	R/O	R/O	R	R	R/O	R/O	R	R/O	R/O	R/O
STD/J/SJ	S	S	S/J/SJ	S/J/SJ	S/J/SJ	S	S	S/J/SJ	S/J/SJ	S	S/J/SJ	S/J/SJ	S
id*od*w mm	Ø408 * Ø900max. * 19 ~ 300												
kg~kg / kg	26~480/960												
I*w*h mm	650 x 650 x 800												
EN 13246	TYPE 2.1					TYPE 2.2				TYPE 3.1		TYPE 3.2	EN13247:00
	mm mm² N/mm² Newtons ISO6892/L:5D m/kg Rbn. / Osc. STD/J/SJ id*od*w mm kg^kg / kg	mm   0,63   mm   19,00   mm²   11,97   N/mm²   750   Newtons   8.978   ISO6892/L:5D   6   m/kg   10,62   Rbn. / Osc.   R   STD/J/SJ   S   id*od*w mm   kg~kg / kg   I*w*h mm	Marction   Marction   Marction   Marction   Marction   19,00   19,00   19,00   Marction   11,97   15,20   Marction   750   750   Marction   8.978   11.400   1506892/L:5D   6   8   Marction   8   64   Marction   8   Marction   9   Marction   9	duction         ecoFIX           mm         0,63         0,80         0,70           mm         19,00         19,00         31,80           mm²         11,97         15,20         22,26           N/mm²         750         750         750           Newtons         8.978         11.400         16.695           ISO6892/L:5D         6         8         8           m/kg         10,62         8,64         5,71           Rbn. / Osc.         R         R         R/O           STD/J/SJ         S         S /J/SJ           id*od*w mm         kg~kg / kg         I*w*h mm	duction         ecoFIX           mm         0,63         0,80         0,70         0,80           mm         19,00         19,00         31,80         31,80           mm²         11,97         15,20         22,26         25,44           N/mm²         750         750         750         750           Newtons         8.978         11.400         16.695         19.080           ISO6892/L:5D         6         8         8         8           m/kg         10,62         8,64         5,71         5,00           Rbn. / Osc.         R         R         R/O         R/O           STD/J/SJ         S         S S/J/SJ         S/J/SJ         S/J/SJ           id*od*w mm         kg*kg / kg         I*w*h mm         I*w*h mm	duction         ecoFIX           mm         0,63         0,80         0,70         0,80         0,90           mm         19,00         19,00         31,80         31,80         31,80         31,80           mm²         11,97         15,20         22,26         25,44         28,62         28,62           N/mm²         750         750         750         750         735         785         785         785         11.400         16.695         19.080         21.036         21.036         1806892/L:5D         6         8	duction         ecoFIX           mm         0,63         0,80         0,70         0,80         0,90         0,63           mm         19,00         19,00         31,80         31,80         31,80         19,00           mm²         11,97         15,20         22,26         25,44         28,62         11,97           N/mm²         750         750         750         750         735         875           Newtons         8.978         11.400         16.695         19.080         21.036         10.474           ISO6892/L:5D         6         8         8         8         8         2           m/kg         10,62         8,64         5,71         5,00         4,44         10,62           Rbn./Osc.         R         R         R/O         R/O         R/O         R           STD/J/SJ         S         S/J/SJ         S/J/SJ         S/J/SJ         S/J/SJ         S/J/SJ           id*od*w mm         Ø408           kg~kg / kg         I*w*h mm	duction         ecoFIX         ecoPC           mm         0,63         0,80         0,70         0,80         0,90         0,63         0,80           mm         19,00         19,00         31,80         31,80         31,80         19,00         19,00           mm²         11,97         15,20         22,26         25,44         28,62         11,97         15,20           N/mm²         750         750         750         750         735         875         875           Newtons         8.978         11.400         16.695         19.080         21.036         10.474         13.300           ISO6892/L:SD         6         8         8         8         8         2         2           m/kg         10,62         8,64         5,71         5,00         4,44         10,62         8,64           Rbn. / Osc.         R         R         R/O         R/O         R/O         R         R           STD/J/SJ         S         S /J/SJ         S/J/SJ         S/J/SJ         S/J/SJ         S/J/SJ         S/J/SJ         S/S/SJ           id*od*w mm         Ø408 * Ø900m           kg~kg / kg         Ø408 * Ø90	duction         ecoFIX         ecoPOWER           mm         0,63         0,80         0,70         0,80         0,90         0,63         0,80         0,70           mm         19,00         19,00         31,80         31,80         31,80         19,00         19,00         31,80           mm²         11,97         15,20         22,26         25,44         28,62         11,97         15,20         22,26           N/mm²         750         750         750         750         735         875         875         875           Newtons         8.978         11.400         16.695         19.080         21.036         10.474         13.300         19.478           ISO6892/L:5D         6         8         8         8         2         2         2           m/kg         10,62         8,64         5,71         5,00         4,44         10,62         8,64         5,71           Rbn. / Osc.         R         R         R/O         R/O         R/O         R         R         R/O           STD/I/SJ         S         S         S/J/SJ         S/J/SJ         S/J/SJ         S         S/J/SJ <t< td=""><td>duction         ecoFIX         ecoPOWER           mm         0,63         0,80         0,70         0,80         0,90         0,63         0,80         0,70         0,80           mm         19,00         19,00         31,80         31,80         31,80         19,00         19,00         31,80         31,80           mm²         11,97         15,20         22,26         25,44         28,62         11,97         15,20         22,26         25,44           N/mm²         750         750         750         750         735         875         875         875           Newtons         8.978         11.400         16.695         19.080         21.036         10.474         13.300         19.478         22.260           ISO6892/L:SD         6         8         8         8         8         2         2         2         2           m/kg         10,62         8,64         5,71         5,00         4,44         10,62         8,64         5,71         5,00           Rbn. / Osc.         R         R         R/O         R/O         R         R         R/O         R/O           STD/I/SJ         <td< td=""><td>duction         ecoFIX         ecoPOWER         ecoFOWER         ecoFOWER<td>  Muction</td><td>duction         ecoFIX         ecoPOWER         ecoFLEX         ecoPLUS           mm         0,63         0,80         0,70         0,80         0,90         0,63         0,80         0,70         0,80</td></td></td<></td></t<>	duction         ecoFIX         ecoPOWER           mm         0,63         0,80         0,70         0,80         0,90         0,63         0,80         0,70         0,80           mm         19,00         19,00         31,80         31,80         31,80         19,00         19,00         31,80         31,80           mm²         11,97         15,20         22,26         25,44         28,62         11,97         15,20         22,26         25,44           N/mm²         750         750         750         750         735         875         875         875           Newtons         8.978         11.400         16.695         19.080         21.036         10.474         13.300         19.478         22.260           ISO6892/L:SD         6         8         8         8         8         2         2         2         2           m/kg         10,62         8,64         5,71         5,00         4,44         10,62         8,64         5,71         5,00           Rbn. / Osc.         R         R         R/O         R/O         R         R         R/O         R/O           STD/I/SJ <td< td=""><td>duction         ecoFIX         ecoPOWER         ecoFOWER         ecoFOWER<td>  Muction</td><td>duction         ecoFIX         ecoPOWER         ecoFLEX         ecoPLUS           mm         0,63         0,80         0,70         0,80         0,90         0,63         0,80         0,70         0,80</td></td></td<>	duction         ecoFIX         ecoPOWER         ecoFOWER         ecoFOWER <td>  Muction</td> <td>duction         ecoFIX         ecoPOWER         ecoFLEX         ecoPLUS           mm         0,63         0,80         0,70         0,80         0,90         0,63         0,80         0,70         0,80</td>	Muction	duction         ecoFIX         ecoPOWER         ecoFLEX         ecoPLUS           mm         0,63         0,80         0,70         0,80         0,90         0,63         0,80         0,70         0,80

Heat-treated with an Ekobant Metal patented process that combines fine surface and controlled physical properties with high strength and excellent shock resistance. Manufactured with superior edge conditioning and coating.

bright & blue tempered and waxed & black painted and waxed

## **EKOBANT METAL**

strap surface

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