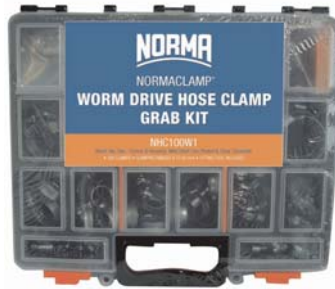




MILD
STEEL



MARINE



MINING

NORMA

*the connecting
professionals*

AUTOMOTIVE



AGRICULTURE



STAINLESS
STEEL



HOSE CLAMPS

- 18.... NORMACLAMP® TORRO WORM DRIVE**
- 19.... BREEZE® POWERSEAL SLOTTED CLAMP**
- 19.... BREEZE® MERCHANDISING KITS**
- 20.... NORMA® MERCHANDISING KITS**
- 21.... NORMA® GBS HEAVY DUTY CLAMPS**
- 22.... GBS HEAVY DUTY CLAMP ACCESSORIES**
- 22.... AUTOMOTIVE CLAMPS**
- 23.... ASSORTED NORMA® PRODUCTS**
- 23.... NORMETTA® WORM DRIVE BANDING SYSTEM**
- 24.... NORMA® OETIKER O'CLIPS & TOOL**
- 25.... NORMA® COBRA CLIPS & HAND TOOL**
- 26.... BANDIMEX BANDING & BUCKLES**
- 27.... BANDIMEX PREFORMED CLAMPS & TOOLS**
- 28.... NORMAFIX® RETAINING CLIPS**
- 29.... NORMAFIX® FIXING CLIPS**
- 30.... NORMACONNECT® PIPE COUPLINGS**
- 31.... NORMA® HIGH TORQUE CLAMPS**
- 31.... NORMA® CONSTANT TENSION HIGH TORQUE CLAMP**
- 31.... NORMA® QUICK RELEASE CLAMPS**
- 32.... NORMAPLAST® PLASTIC CONNECTORS**



All dimensions and weights are nominal and subject to change without notice.



NORMACLAMP® TORRO® WORM DRIVE



NORMACLAMP® TORRO® worm drive hose clamps are designed to meet industry expectations, featuring a smooth band with rolled edges for maximum hose protection & patented one piece offset housing, delivering optimum sealing performance.

Diameter Range (mm)	Band Width	W1-Aluzinc Band & Housing, Screw, Mild Steel		W3 - Stainless Steel (430 Grade)		W5 - Stainless Steel (316 Grade)	
		W1 (Single) Product Code	W1 Pack Qty	W3 (Single) Product Code	W3 Pack Qty	W5 (Single) Product Code	W5 Pack Qty
8-12	7.5	721-0812	10	722-0812	10	-	-
10-16	7.5	721-1016	10	722-1016	10	-	-
8-16	9.0	721-0816	10	722-0816	10	727-0816	10
12-20	9.0	-	-	722-1220	10	727-1220	10
12-22	9.0	721-1222	10	-	-	-	-
16-27	12.0	721-1627	10	722-1627	10	727-1627	10
20-32	12.0	721-2032	10	722-2032	10	727-2032	10
25-40	12.0	721-2540	10	722-2540	10	727-2540	10
30-45	12.0	721-3045	10	722-3045	10	727-3045	10
35-50	12.0	721-3550	10	722-3550	10	727-3550	10
40-60	12.0	721-4060	10	722-4060	10	727-4060	10
50-70	12.0	721-5070	10	722-5070	10	727-5070	10
60-80	12.0	721-6080	10	722-6080	10	727-6080	10
70-90	12.0	721-7090	10	722-7090	10	727-7090	10
80-100	12.0	721-8010	10	722-8010	10	727-8010	10
90-110	12.0	721-9011	10	722-9011	10	727-9011	10
100-120	12.0	721-9112	5	722-9112	5	727-9112	5
110-130	12.0	721-9113	5	722-9113	5	727-9113	5
120-140	12.0	721-9114	5	722-9114	5	727-9114	5
130-150	12.0	721-9115	5	722-9115	5	727-9115	5
140-160	12.0	721-9116	5	722-9116	5	727-9116	5
150-170	12.0	721-9117	5	722-9117	5	727-9117	5
160-180	12.0	721-9118	5	722-9118	5	727-9118	5
180-200	12.0	721-9200	5	722-9200	5	727-9200	5
190-210	12.0	721-9210	5	722-9210	5	-	-
210-230	12.0	721-9230	5	722-9230	5	727-9230	5
230-250	12.0	721-9250	5	722-9250	5	727-9250	5
260-280	12.0	721-9280	5	722-9280	5	727-9280	5
280-300	12.0	721-9300	5	722-9300	5	727-9300	5



BREEZE® SLOTTED CLAMP

BREEZE® slotted band worm drive hose clamps are designed to meet a wide range of industrial and Automotive applications. The slotted stainless steel band is very flexible and offers an extended size range, and low free torque for ease of installation.



W4 - All 300 Series Stainless Steel

Diameter Range (mm)	Band Width	Product Code	W4 Pack Qty
5.6-16	8mm	718-SS004	10
11-20	8mm	718-SS006	10
13-23	12mm	718-SS008	10
14-27	12mm	718-SS010	10
17-32	12mm	718-SS012	10
21-38	12mm	718-SS016	10
21-44	12mm	718-SS020	10
27-51	12mm	718-SS024	10
33-57	12mm	718-SS028	10
40-64	12mm	718-SS032	10
46-70	12mm	718-SS036	10
52-76	12mm	718-SS040	5
59-83	12mm	718-SS044	5
65-89	12mm	718-SS048	5
71-95	12mm	718-SS052	5
78-102	12mm	718-SS056	5
91-114	12mm	718-SS060	5
48-127	12mm	718-SS072	5
92-165	12mm	718-SS096	5
105-178	12mm	718-SS104	5
143-216	12mm	718-SS128	5
181-254	12mm	718-SS152	5
238-311	12mm	718-SS311	5

MERCHANDISING KITS

NORMA® FLEXIDRIVER:



Clamp flexidriver with flexible shaft.
Suits hex head screw on worm drive

Description	Product Code
6mm & 7mm hex	724-0000
1/4" & 5/16" Hex	724-0000-2
7mm Hex	724-0000-3
New Long Driver	724-0000-5

BREEZE® SLOTTED BAND CLAMP



General purpose contains 108 clamps. W2* Grade.
Sizes: 9-14, 6-16, 8-22, 13-27, 13-32, 26-50, 34-57,

Product Code	720-0021
--------------	----------

*Also available in W4



NORMA® MERCHANDISING KITS



WALL DISPENSER:

Contains 140 hose clips. From 8-12 through 60-80mm. 9mm band with W2 material.

Product Code
720-0025

Band Width	Clamp Range	Qty
9	8-12	12
9	8-16	12
9	12-20	12
9	16-25	20
9	20-32	12
9	25-40	12
9	30-45	12
9	32-50	12
9	40-60	12
9	50-70	12
9	60-80	12
SW7	F/Driver	1



Contains 100 popular clamps plus Flexi driver tool.



GRAB KIT W1

Band Width	Clamp Range	Qty
7.5	10-16	10
9	9-11 Fuel	10
9	11-13 Fuel	10
9	8-16	12
9	12-22	10
12	16-25	10
12	20-32	8
12	25-40	10
12	32-50	10
12	40-60	10
SW6/7	Flexidriver	1

GRAB KIT W3

Band Width	Clamp Range	Qty
9	9-11 Fuel	10
9	11-13 Fuel	10
9	8-12	10
9	10-16	10
9	12-20	10
12	16-27	10
12	20-32	10
12	25-40	10
12	35-50	10
12	40-60	10
SW7	Flexidriver	1

Description	Product Code
Grab Kit W1 Zinc	720-0017
Grab Kit W3 S/S	720-0018



WALL DISPENSER:

Contains 135 hose clips from 8mm through to 60mm. 9 & 12mm bandwidth.

W1 Contents:

Band Width	Clamp Range	Qty
9	8-12	20
9	10-16	20
9	12-20	20
12	16-27	15
12	20-32	15
12	25-40	15
12	35-50	15
12	40-60	15

W3 Contents:

Band Width	Clamp Range	Qty
7.5	10-16	20
9	8-16	20
9	12-20	20
12	16-27	15
12	20-32	15
12	25-40	15
12	32-50	15
12	40-60	15

Description	Product Code
Wall Dispenser W1 Zinc	720-0022
Wall Dispenser W3 S/S	720-0002



NORMACLAMP® TORRO® 'SPACE SAVER' WALL DISPENSER:

New design taking up ½ the space of traditional displays. Contains 130 clips from 8mm to 60mm in W1 & W3 material.

W1 Contents:

Band Width	Clamp Range	Qty
9	8-12	20
9	10-16	20
9	12-22	20
12	16-27	30
12	20-32	10
12	25-40	10
12	35-50	10
12	40-60	10
SW7	F/Driver	2

W3 Contents:

Band Width	Clamp Range	Qty
9	8-16	30
9	12-20	30
12	16-25	30
12	20-32	10
12	25-40	10
12	32-50	10
12	40-60	10
SW7	F/Driver	2

Description	Product Code
Space Saver W1 Zinc	720-0006
Space Saver W3 S/S	720-0007



NORMACLAMP® GBS HEAVY DUTY



NORMACLAMP® GBSM Heavy Duty Bolt Clamps are built for those applications where a high strength clamp is required. The band delivers a firm but gentle grip on tough industrial hoses. These tough and robust clamps provide excellent sealing efficiency, great flexibility and conformance to shape yet good hose protection.

Diameter Range (mm)	Band Width	W1-Aluzinc Band & Bridge.		W2 Stainless Steel Band & Bridge (Grade 430) Bolt & Fittings Mild Steel Clear.		W4 - Stainless Steel (304 Grade)	
		W1 (Single) Product Code	W1 Pack Qty	W2 (Single) Product Code	W2 Pack Qty	W4 (Single) Product Code	W4 Pack Qty
17-19	18.0	702-019	50	700-019	50	701-019	50
19-21	18.0	702-021	50	700-021	50	701-021	50
21-23	18.0	702-023	50	700-023	50	701-023	50
23-25	18.0	702-025	50	700-025	50	701-025	50
25-27	18.0	702-027	50	700-027	50	701-027	50
27-29	18.0	702-029	50	700-029	50	701-029	50
29-31	18.0	702-031	50	700-031	50	701-031	50
31-34	18.0	702-034	50	700-034	50	701-034	50
34-37	18.0	702-037	50	700-037	50	701-037	50
37-40	18.0	702-040	50	700-040	50	701-040	50
40-43	18.0	702-043	50	700-043	50	701-043	50
43-47	20.0	702-047	50	700-047	50	701-047	50
47-51	20.0	702-051	50	700-051	50	701-051	50
51-55	20.0	702-055	50	700-055	50	701-055	50
55-59	20.0	702-059	50	700-059	50	701-059	50
59-63	20.0	702-063	50	700-063	50	701-063	50
63-68	20.0	702-068	50	700-068	50	701-068	50
68-73	25.0	702-073	25	700-073	25	701-073	25
73-79	25.0	702-079	25	700-079	25	701-079	25
79-85	25.0	702-085	25	700-085	25	701-085	25
85-91	25.0	702-091	25	700-091	25	701-091	25
91-97	25.0	702-097	25	700-097	25	701-097	25
97-104	25.0	702-104	25	700-104	25	701-104	25
104-112	25.0	702-112	25	700-112	25	701-112	25
112-121	25.0	702-121	25	700-121	25	701-121	25
121-130	25.0	702-130	25	700-130	25	701-130	25
130-140	30.0	702-140	10	700-140	10	701-140	10
140-150	30.0	702-150	10	700-150	10	701-150	10
150-162	30.0	702-162	10	700-162	10	701-162	10
162-174	30.0	702-174	10	700-174	10	701-174	10
174-187	30.0	702-187	10	700-187	10	701-187	10
187-200	30.0	702-200	10	700-200	10	701-200	10
200-213	30.0	702-213	10	700-213	10	701-213	10
213-226	30.0	702-226	10	700-226	10	701-226	10
226-239	30.0	702-239	10	700-239	10	701-239	10
239-252	30.0	702-252	10	700-252	10	701-252	10
252-265	30.0	-	-	-	-	701-265	10
265-278	30.0	-	-	-	-	701-278	10
278-291	30.0	-	-	-	-	701-291	10
292-304	30.0	-	-	-	-	701-304	10

NORMACLAMP® GBS HEAVY DUTY



NORMACLAMP® GBS CLAMP DISPENSER:

Contains 75 GBS clamps.
Standard sizes: and quantities
18-4, 22-4, 28-4, 30-4, 33-4, 36-4,
39-4, 42-4, 45-4, 49-4, 53-4, 57-4,
61-4, 66-4, 71-4, 76-3, 82-3, 88-3,
108-3, 117-3.

Metal grade	Product Code
W2	720-0024
W4	720-0014

AUTOMOTIVE CLAMPS



NORMACLAMP® CONSTANT TENSION WORM DRIVE WITH SPRING

With a built-in constant tension spring this clamp offers an automatic self adjusting feature and is therefore particularly suited to connecting cooling and heating hoses. Also 12mm bandwidth available for turbo and intercooler applications.

Product Code	Clamping Range (mm)	Banding (mm)
726-1220	12-20	9
726-1625	16-25	9
726-2032	20-32	9
726-2540	25-40	9
726-3250	32-50	9
726-4060	40-60	9
726-5070	50-70	12
726-6080	60-80	12
726-7090	70-90	12
726-8010	80-100	12
726-9011	90-110	12

BREEZE® HI-TORQUE CLAMP WITH LINER



These clamps are designed to meet a wide range of industrial and automotive applications. The slotted stainless band is flexible and offers low free torque for ease of installation with an inner sleeve to cover the perforations.

Diameter Range (mm)	Product Code	Pack Qty
9-14	713-0914	10
11-18	713-1118	10
16-22	713-1622	10

NORMACLAMP® FUEL HOSE CLAMP KIT ASSORTMENT



Includes fuel clips in 7-9, 9-11, 11-13, & 13-15, 10-16 & 12-20.

Material	Product Code
Mild Steel	720-0016
Stainless	720-0027

NORMA® FUEL HOSE CLAMPS

NORMACLAMP® Fuel Line Clips feature a solid band with rolled edges that close to a perfect circle ensuring maximum sealing efficiency without damaging soft fuel hose in both high and low pressure applications. Mild Steel & Stainless



Diameter Range (mm)	Product Code	Pack Qty
7-9	724-0709	10
9-11	724-0911	10
10-12	724-1012	10
11-13	724-1113	10
12-14	724-1214	10
13-15	724-1315	10
14-16	724-1416	10
15-17	724-1517	10

ASSORTED NORMA® PRODUCTS

NORMACLAMP® SPRING CLAMP ASSORTMENT KIT

100 Piece constant tension worm drive clamp pack with flexidriver.



Product Code	730-0026
--------------	----------

Type	Size	Quantity
Fuel Clip	9-11	10
Fuel Clip	11-13	10
Hose Clip	10-16	10
Hose Clip	8-16	12
Spring Clip	12-20	10
Spring Clip	16-25	10
Spring Clip	20-32	8
Spring Clip	25-40	10
Spring Clip	32-50	10
Spring Clip	40-60	10
SW6/7	Flexidriver	1

NORMA® WORM DRIVE CLIPS WITH THUMB PLATE



These worm drive clamps come with a thumb plate for easy removal and installation in hard to reach places. They are constructed from stainless steel with the screw being composed of mild steel, zinc plated.

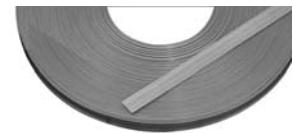
Product Code	Size
712-2335	23-35
712-3045	30-45

NORMA® WORM DRIVE BANDING SYSTEM

Continuous worm drive band & buckles. Quick release roll of continuous worm drive band, used in conjunction with buckles to make your own clamp of any size.

NORMETTA® WORM DRIVE BANDING

Product Code	Material	Band Width	Pack Qty
724-0004	M/S Zinc Plated	13mm	30m
724-0003	S/S (Grade 430)	13mm	30m



NORMETTA® BUCKLES FOR WORM DRIVE BANDING

Product Code	Material	To Suit Band	Pack Qty
724-0002	M/S Zinc Plated	13mm	50
724-0001	S/S (Grade 430)	13mm	50





OETIKER O'CLIPS

Oetiker 2 ear clamps are made from tube and are ideal for hose fastening in low and medium pressure applications and metal to metal connections. Fast and easy to fit with pincers. Available in Stainless (W4) and mild steel (W1).

Diameter Range (mm)	W1 Product Code	W1 Pack Qty	W4 Product Code	W4 Pack Qty Only
5-7	715-0507	100	715-0507R	100
7-9	715-0709	100	715-0709R	100
9-11	715-0911	100	715-0911R	100
11-13	715-1113	100	715-1113R	100
13-15	715-1315	100	715-1315R	100
15-17	715-1517	100	715-1517R	100
15-18	715-1518	100	715-1518R	100
16-19	715-1619	100	N/A	N/A
17-20	715-1720	100	715-1720R	100
19-22	715-1922	100	715-1922R	100
20-23	715-2023	100	715-2023R	100
22-25	715-2225	100	715-2225R	100
23-27	715-2327	100	715-2327R	100
25-28	715-2528	100	715-2528R	100
28-31	715-2831	100	715-2831R	100
31-34	715-3134	100	715-3134R	100
34-37	715-3437	100	715-3437R	100
40-43	715-4043	100	715-4043R	100
37-40	715-3740	100	715-3740R	100
43-46	715-4346	100	715-4346R	100



1 EAR STEP LESS CLAMPS

Mild steel, quick to fit and provide a 360° seal as the internal tongue glides under the ear during closure. This eliminates the sealing problems that can occur when using soft, hard and thin walled hose.

Diameter Range (mm)	W4 Product Code	W4 Pack Qty Only
7.3-9.0	714-0709	100
8.3-10.0	714-0810	100
9.2-10.9	714-0910	100
10.1-11.8	714-1011	100
10.3-12.8	714-1012	100
11.3-13.8	714-1113	100
12.3-14.8	714-1214	100
12.8-15.3	714-1215	100
13.2-15.7	714-1315	100
14.1-16.6	714-1416	100
14.5-17.0	714-1417	100
14.6-17.8	714-1418	100
15.3-18.5	714-1518	100
16.6-19.8	714-1619	100
19.4-22.6	714-1922	100
20.9-24.1	714-2024	100
23.9-27.1	714-2327	100
26.9-30.1	714-2630	100
28.4-31.6	714-2831	100

2 EAR CLAMP ASSORTED PACK

Range	Qty
7.0-9.0	20
9.0-11.0	20
11.0-13.0	20
13.0-15.0	20
15.0-18.0	20
17.0-20.0	20
20.0-23.0	20
23.0-27.0	10
Pincer	1



Product Code	720-0001
--------------	----------

OETIKER TOOLS

Part No	Type
716-1099	Side closing



NORMACLAMP® COBRA CLIPS

NORMACLAMP® COBRA - quick fit hose clips featuring a stainless steel band and low profile closure, that can be re-opened if required. Excellent clamp for tube and small hoses and ideally suited to irrigation, spraying, low pressure air, and fuel applications. Each size is colour coded for quick identification.

W4 - Stainless Steel throughout
(304 Grade)

Reference Number	Diameter Range (mm)	Band Width	Color	Product Code	W4 Bulk Qty
C7.5	8-9	7.0	White	725-090	100
C8	8.5-9.5	7.0	Yellow	725-095	100
C8.5	9-10	7.0	Green	725-100	100
C9	9.5-10.5	7.0	Purple	725-105	100
C9.5	10-11	7.0	Black	725-110	100
C10	10.5-11.5	7.0	White	725-115	100
C10.5	11-12	7.0	Yellow	725-120	100
C11	11.5-12.5	7.0	Green	725-125	100
C11.5	12-13.5	8.0	Purple	725-135	100
C12	12.5-14	8.0	Black	725-140	100
C13	13.5-15	8.0	Yellow	725-150	100
C14	14.5-16	8.0	Purple	725-160	100
C15	15.5-17	8.0	White	725-170	100
C16	16.5-18	8.0	Green	725-180	100
C17	17.5-19	8.0	Black	725-190	100
C18	18.5-20	8.0	Yellow	725-200	100
C19	19.5-21	8.0	Purple	725-210	100
C20	20.5-22	8.0	White	725-220	100
C21	21.5-23	8.0	Green	725-230	100
C22	22.5-24	8.0	Black	725-240	100
C23	23.5-25	8.0	Yellow	725-250	100
C24	24.5-26	8.0	Purple	725-260	100
C25	25.5-27	8.0	White	725-270	100
C26	26.5-28	8.0	Green	725-280	100
C27	27.5-29	8.0	Black	725-290	100
C28	28.5-30	8.0	Yellow	725-300	100
C29	29.5-31	8.0	Purple	725-310	100
C30	30.5-32	8.0	White	725-320	100



NORMACLAMP® COBRA CLIP HAND TOOL



Product Code	Description
725-000	Cobra Clip Hand Tool

NORMACLAMP® COBRA CCA240 ASSORTED KIT:



240 pieces. Contains cobra sizes C7.5 to C24 plus plier.

Product Code	Description
720-0010	Assorted kit

NORMACONNECT® COBRA CLIPS TO FIT POLY PIPE SIZES

Product Code	REFERENCE NUMBER	SIZE(MM)	POLY PIPE DESCRIPTION
725-135	C11.5/8	12.0-13.5	10MM LDPE
725-170	C15/8	15.5-17.0	13MM LDPE
725-180	C16/8	16.5-18.0	DRIPMASTER, HYDRODRIP 1740
725-190	C17/8	17.5-19.0	16MM -5/8" LDPE
725-200	C18/8	18.5-20.0	HYDRODRIP PC2040
725-220	C20/8	20.5-22.0	19MM LDPE, DRIPMASTER 20
725-240	C22/8	22.5-24.0	DRIPLINE 2025
725-290	C27/8	27.5-29.0	25MM LDPE

Disclaimer: This information is a guide only.

BANDIMEX BANDING

Available in Type 201 or Type 316 stainless steel and with a full round edge, When added strength is needed, use a double wrap, threading the band through the buckle twice. Available in 30 metre rolls in boxes or new refillable plastic carry totes (product codes with * symbol).

BAND



Product Code	Metal Type	Width (mm)	Weight (Kg/roll)	Length (m/roll)
401-202	201SS	6.4	0.9	30
401-203	201SS	9.5	1.6	30
401-204	201SS	12.7	2.4	30
401-205	201SS	16.0	3.0	30
401-206	201SS	19.0	3.6	30
401-431	201SS Jumbo	25.4	6.4	30
401-432	201SS Jumbo	31.8	8.0	30
401-402	316SS	6.4	0.9	30
401-403	316SS	9.5	1.6	30
401-404	316SS	12.7	2.4	30
401-405	316SS	16.0	3.0	30
401-406	316SS	19.0	3.6	30
401-803*	201SS	9.5	-	30
401-804*	201SS	12.7	-	30
401-805*	201SS	16.0	-	30
401-806*	201SS	19.0	-	30

Bandimex stainless steel buckles are available in type 201 or 316 stainless steel and can accommodate a single or double wrap of band. Buckles have extremely high joint strength.

BUCKLES



Product Code	Metal Type	Width (mm)	Weight (Kg/box)	Quantity (per box)
402-252	201SS	6.4	0.1	100
402-253	201SS	9.5	0.4	100
402-254	201SS	12.7	1.0	100
402-255	201SS	16.0	1.1	100
402-256	201SS	19.0	1.7	100
402-440	201SS Jumbo	19.0	0.8	25
402-441	201SS Jumbo	25.0	1.1	25
402-442	201SS Jumbo	32.0	1.4	25
402-452	316SS	6.4	0.1	100
402-453	316SS	9.5	0.4	100
402-454	316SS	12.7	1.0	100
402-455	316SS	16.0	1.1	100
402-456	316SS	19.0	1.7	100

QUICK RELEASE



Product Code	Material	Use With Clamp Sizes	Pack Qty
408-124	Mild Steel/Zinc Plated	100-124	20
408-400	Mild Steel/Zinc Plated	125-400	20
408-800	Mild Steel/Zinc Plated	400-800	20

Bandimex screw-buckles are used in applications when a temporary clamp is desired or space limitations do not allow a tool roll-over. A screw locks the band after tensioning.



Product Code	Metal Type	Width (mm)	Weight (Kg/box)	Quantity (per box)
403-722	201SS	9.5	0.2	50
403-724	201SS	12.7	0.2	25
403-726	201SS	19.0	0.4	25

BANDIMEX PREFORMED CLAMPS & TOOLS

STANDARD CLAMPS



Double wrapped, pre-formed clamps require no hammering. They easily lock under full tension by one lifting movement. Apply the clamps with the Bandimex Tool and the Junior Adaptor or the Heavy Duty Adaptor.

Product Code	Metal Type	Diameter (mm)	Width (mm)	Quantity (per box)
404-240	201SS	19	6	100
404-201	201SS	21	10	100
404-242	201SS	25	6	100
404-243	201SS	25	10	100
404-202	201SS	35	10	100
404-203	201SS	25	13	100
404-204	201SS	32	13	100
404-241	201SS	35	6	100
404-252	201SS	38	6	100
404-205	201SS	38	16	100
404-236	201SS	45	13	100
404-206	201SS	45	16	100
404-245	201SS	48	10	100
404-207	201SS	51	16	100
404-208	201SS	57	16	100
404-209	201SS	64	16	100
404-230	201SS	70	13	100
404-210	201SS	70	19	50
404-246	201SS	76	10	100
404-211	201SS	76	19	50
404-212	201SS	89	19	50
404-213	201SS	102	19	25
404-214	201SS	114	19	25
404-215	201SS	127	19	25
404-216	201SS	152	19	25

BANDING TOOLS



Product Code	Description
401-001	Standard Tool

BANDIMEX JUMBO TOOL



Product Code	Description
401-002	Jumbo Tool

PRE FORM CUTTING ADAPTORS

HBJ-001
PART # 401-040



HBJ-050
PART # 401-050

Product Code	Description
401-040	Junior Adaptor
401-050	H/D Adaptor

NORMAFIX® RETAINING CLIPS

NORMAFIX® RETAINING CLIP

NORMAFIX® rubber lined pipe retaining clips provide the perfect vibration dampening support for hoses, cables, pipes etc. Available with a 6mm mounting hole, to suit different applications. Also available in Stainless Steel.



NORMAFIX® PIPE RETAINING CLIP ASSORTMENT

Product Code	Band Width	Clamping Range	Pack Qty
6mm MOUNTING			
705-1504	15.0	4	10
705-1506	15.0	6	10
705-1509	15.0	9	10
705-1510	15.0	10	10
705-1512	15.0	12	10
705-1513	15.0	13	10
705-1515	15.0	15	10
705-1516	15.0	16	10
705-1518	15.0	18	10
705-1519	15.0	19	10
705-1520	15.0	20	10
705-1522	15.0	22	10
705-1525	15.0	25	10
705-1527	15.0	27	10
705-1529	15.0	29	10
705-1532	15.0	32	10
705-1535	15.0	35	10
705-1538	15.0	38	10
705-1540	15.0	40	10
705-1545	15.0	45	5
705-1548	15.0	48	5
705-1550	15.0	50	5
705-1554	15.0	54	5
705-2057	20.0	57	5
705-2060	20.0	60	5
705-2064	20.0	64	5
705-2066	20.0	66	5
705-2076	20.0	76	5



RSGU90

Product Code 720-0012

Clamping Range	Pack Qty
4.0	10
6.0	10
9.0	10
10.0	10
12.0	10
13.0	10
15.0	5
16.0	5
18.0	5
20.0	5
22.0	5
25.0	5



RSGU85

Product Code 720-0023

Clamping Range	Pack Qty
9.0	15
10.0	10
13.0	10
16.0	10
19.0	10
22.0	10
27.0	10
32.0	10



NORMAFIX® FIXING CLIPS

NORMAFIX® FIXING CLAMPS

Suitable for retaining of conductors such as cables, conduits, pipes, hoses, etc. Also available in 3,4 & 5 conductors.

Product Code	Band Width	Clamping Range	Mounting Hole Diameter
TYPE 510 FOR 1 CONDUCTOR			
710-0104	10.0	4.0	4.8
710-0105	10.0	5.0	4.8
710-0106	10.0	6.0	4.8
710-0107	10.0	7.0	4.8
710-0108	10.0	8.0	4.8
710-0109	10.0	9.0	4.8
710-0110	10.0	10.0	4.8
710-0111	12.0	11.0	5.8
710-0112	12.0	12.0	5.8
710-0115	12.0	15.0	5.8
710-0116	12.0	16.0	5.8
710-0118	12.0	18.0	7.0
710-0120	12.0	20.0	7.0
710-0122	12.0	22.0	7.0
710-0124	12.0	24.0	7.0
TYPE 510 FOR 2 CONDUCTORS			
710-0204	10.0	4.0	4.8
710-0205	10.0	5.0	4.8
710-0206	10.0	6.0	4.8
710-0207	10.0	7.0	4.8
710-0208	10.0	8.0	4.8
710-0210	10.0	10.0	4.8
710-0212	12.0	12.0	5.8
710-0215	12.0	15.0	5.8
TYPE 512 FOR 1 CONDUCTOR			
711-0104	10.0	4.0	4.8
711-0105	10.0	5.0	4.8
711-0106	10.0	6.0	4.8
711-0107	10.0	7.0	4.8
711-0108	10.0	8.0	4.8
711-0110	10.0	10.0	4.8
711-0112	12.0	12.0	5.8
711-0115	12.0	15.0	5.8
711-0118	12.0	18.0	7.0
711-0120	12.0	20.0	7.0
711-0122	12.0	22.0	7.0
TYPE 512 FOR 2 CONDUCTORS			
711-0205	10.0	5.0	4.8
711-0206	10.0	6.0	4.8
711-0207	10.0	7.0	4.8
711-0208	10.0	8.0	4.8
711-0210	10.0	10.0	4.8
711-0212	12.0	12.0	5.8
711-0218	12.0	18.0	5.8
711-0215	12.0	15.0	7.0
711-0220	12.0	20.0	7.0
711-0222	12.0	22.0	7.0



Pipes and cables can be mounted quickly and easily onto buildings using NORMAFIX® BS fixing clips. They are suitable for any sector of industry where an economic and secure mounting is required.



NORMACONNECT® FGR PIPE COUPLINGS

NORMACONNECT® pipe couplings are used for connecting plain-ended thick and thin wall pressure pipes. Pipe materials include metal/metal, plastic/plastic or metal/plastic. NORMACONNECT® pipe couplings can be used for most fluid transport, gas, steam and freshwater supply and is a fast and efficient way of joining pipes. NORMA® couplings are made from 304 or 316 stainless steel and are available for pipe diameters starting at 26.9mm to over 1 metre.

Product Code NBR Seal	Product Code EPDM Seal	O.D (mm)	OD min - OD max (mm)	Nominal Pressure PN	Working Pressure (Bar)
728N-027	728E-027	26.9	26.4-27.4	16	64
728N-028	728E-028	28.0	27.5-28.5	16	64
728N-030	728E-030	30.0	28.6-30.5	16	64
728N-034	728E-034	33.7	31.0-34.2	16	64
728N-035	728E-035	35.0	34.5-35.5	16	40
728N-038	728E-038	38.0	35.6-38.5	16	40
728N-043	728E-043	42.4	39.5-42.9	16	40
728N-045	728E-045	44.5	43.0-45.0	16	40
728N-049	728E-049	48.3	46.0-48.8	16	40
728N-054	728E-054	54.0	53.6-54.9	16	40
728N-057	728E-057	57.0	55.0-57.6	16	40
728N-061	728E-061	60.3	58.0-60.9	16	40
728N-074	728E-074	73.0	72.6-74.0	16	40
728N-077	728E-077	76.1	74.0-76.9	16	40
728N-085	728E-085	84.0	82.0-85.0	16	30
728N-090	728E-090	88.9	87.0-89.8	16	30
728N-103	728E-103	101.6	101.0-102.9	16	30
728N-105	728E-105	104.0	102.9-105.1	16	30
728N-109	728E-109	108.0	106.9-109.1	16	30
728N-111	728E-111	110.0	109.0-111.0	16	28
728N-115	728E-115	114.3	112.0-115.4	16	28
728N-130	728E-130	129.0	127.8-130.2	16	20
728N-134	728E-134	133.0	131.7-134.3	16	20
728N-141	728E-141	139.7	138.3-141.1	16	20
728N-142	728E-142	141.6	138.3-142.0	16	20
728N-156	728E-156	154.0	152.4-155.6	16	20
728N-161	728E-161	159.0	157.4-160.6	16	20
728N-170	728E-170	168.3	166.6-170.0	16	20



Further sizes available on request from OD 180.0 to 609.6mm. Subject to technical changes.

The type FGR series NORMACONNECT® pipe couplings are supplied in two different variations of material, W4 and W5. The sealing sleeve is available in either EPDM or NBR. Other NORMACONNECT® pipe couplings available are FLEX COUPLING, COMBI GRIP COUPLING and the PLASTIC GRIP COUPLING.

Component	W4 AISI/ASTM	W5 AISI/ASTM
Housing	304	316Ti
Bolts	316L	316L
Bars	304	316
Anchoring Ring	301	301
Strip Insert	316Ti Grivory	316Ti Grivory

	EPDM	NBR
Temperature Range	< 168,3 mm: -30° to +125°C > 180 mm: -20° to +80°C	-20° to +80°C
Medium	Water Aqueous acids Aqueous alkalines Alcohols Compressed air	Water, seawater Lubricants Mineral oils Fuel, gas Compressed air

NORMACLAMP® HD HIGH TORQUE CLAMPS



NORMACLAMP® all stainless high torque clamp is the strongest clamp in the NORMA® range. It is ideally suited to heavy duty and high pressure applications where a very high tightening torque is required.

W4: Stainless steel throughout (304)

Product Code	Clamping Range
723-045	25-45mm
723-054	32-54mm
723-067	45-67mm
723-079	57-79mm
723-092	70-92mm
723-105	83-105mm
723-118	95-118mm
723-130	108-130mm

Product Code	Clamping Range
723-143	121-143mm
723-156	133-156mm
723-168	146-168mm
723-181	159-181mm
723-194	172-194mm
723-206	184-206mm
723-219	197-219mm
723-232	210-232mm

BREEZE® CONSTANT TENSION HIGH TORQUE CLAMPS



Product Code	Clamping Range
723-CT200	32-54mm
723-CT250	45-67mm
723-CT300	57-79mm
723-CT350	70-92mm
723-CT400	83-105mm
723-CT450	95-118mm
723-CT500	108-130mm
723-CT550	121-143mm
723-CT600	133-156mm
723-CT650	146-168mm
723-CT700	159-181mm
723-CT750	172-194mm
723-CT800	184-206mm
723-CT850	197-219mm
723-CT900	210-232mm

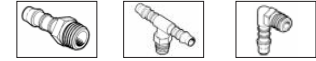
NORMACLAMP® QUICK RELEASE CLAMPS



The screw lifts back for fast band release allowing the clamp to be passed around an object for fast fit and removal. Each clamp offers an extended clamping range and is suitable for mounting signs, ducting, hoses, etc.

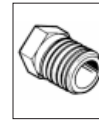
Product Code (W4)	Clamping Range
729-072	51-130mm
729-088	51-152mm
729-104	51-176mm
729-116	51-197mm
729-128	60-215mm
729-152	60-254mm
729-188	60-311mm

NORMAPLAST® CONNECTORS



Size Hosetail	Joiner	Hosetail Tee	Hosetail Elbow	Hosetail "Y"	Hosetail Cross
	Product Code	Product Code	Product Code	Product Code	Product Code
3mm	660-0003	661-0003	662-0003	663-0003	-
4mm	660-0004	661-0004	662-0004	663-0004	664-0004
5mm	660-0005	661-0005	662-0005	663-0005	664-0005
6mm	660-0006	661-0006	662-0006	663-0006	664-0006
7mm	-	661-0007	-	-	-
8mm	660-0008	661-0008	662-0008	663-0008	-
10mm	660-0010	661-0010	662-0010	663-0010	-
12mm	660-0012	661-0012	662-0012	663-0012	664-0012
13mm	660-0013	661-0013	662-0013	663-0013	-
14mm	660-0014	661-0014	662-0014	663-0014	-
15mm	-	661-0015	662-0015	-	-
16mm	660-0016	661-0016	662-0016	663-0016	-
19mm	660-0020	661-0020	662-0020	663-0020	-
25mm	660-0025	661-0025	662-0025	-	-
3mm x 4mm	-	661-0304	-	-	-
4mm x 3mm	660-0403	-	-	-	-
4mm x 6mm	-	661-0406	-	663-0406	-
6mm x 4mm	660-0604	661-0604	-	-	-
6mm x 8mm	-	-	-	663-0608	-
8mm x 4mm	660-0804	661-0804	-	-	-
8mm x 6mm	660-0806	661-0806	-	-	-
10mm x 6mm	660-1006	661-1006	-	-	-
10mm x 8mm	660-1008	661-1008	-	-	-
10mm x 13mm	-	661-1013	-	-	-
12mm x 6mm	-	661-1206	-	-	-
12mm x 8mm	660-1208	661-1208	-	-	-
12mm x 10mm	660-1210	661-1210	-	-	-
15mm x 6mm	-	661-1506	-	-	-
15mm x 8mm	-	661-1508	-	-	-
8mm x 12mm	-	661-0812	-	-	-
18mm x 10mm	-	661-1810	-	-	-
18mm x 15mm	-	661-1815	-	-	-

Size	Threaded Hosetail	Threaded Tee	Threaded Elbow
	Product Code	Product Code	Product Code
4mm x 1/8"MBSP	665-0403	667-0403	668-0403
4mm x 1/4"MBSP	665-0406	667-0406	668-0406
5mm x 1/4"MBSP	665-0506	-	-
6mm x 1/8"MBSP	665-0603	667-0603	668-0603
6mm x 1/4"MBSP	665-0606	667-0606	668-0606
6mm x 3/8"MBSP	665-0610	-	668-0610
8mm x 1/4"MBSP	665-0806	667-0806	668-0806
8mm x 3/8"MBSP	665-0810	-	668-0810
8mm x 1/2"MBSP	665-0812	-	668-0812
10mm x 1/4"MBSP	665-1006	-	668-1006
10mm x 3/8"MBSP	665-1010	667-1010	668-1010
12mm x 3/8"MBSP	665-1210	-	668-1210
12mm x 1/2"MBSP	665-1212	-	668-1212
16mm x 1/2"MBSP	665-1612	-	-
16mm x 3/4"MBSP	665-1620	-	-
19mm x 3/4"MBSP	665-2020	-	688-2020
25mm x 1"MBSP	665-2525	-	688-2525



Size	Product Code
1/8MBSP	666-0003
1/4MBSP	666-0006
3/8MBSP	666-0010
1/2MBSP	666-0012

All plastic fittings are packaged in bags of 5 & 10

All plastic fittings are packaged in bags of 5 & 10



Product Code: 720-0011 Norma plastic fittings display kit Model: NPC90	
Description Of Contents	Qty
3mm,5mm,6mm,8mm,10mm,12mm Joiners,Tee and Y Pices	5 of each Size
Hose Tees 3mm,5mm,6mm,8mm,10mm,12mm	5 of each Size
Hose Ys 3mm,5mm,6mm,8mm,10mm,12mm	5 of each Size



Product Code: 720-0015 Norma plastic fittings display kit Model: NP180	
Description Of Contents	Qty
Joiners 3mm x 25ea, 5mm x 25ea, 6mm x 10ea, 8mm x 10 ea, 10mm x 25 ea.	
Hose Tees 3mm x 25 ea, 5mm x 25ea, 6mm x 20ea, 8mm x 20ea, 10mm x 10ea.	



