

CLAMPING & STRAPPING PRODUCTS



WESTATE HOSE SUPPLIES

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INDUSTRIAL HOSES AND FITTINGS

Information

Materials explanation	
W1	All parts entirely made from galvanized steel
W2	NORMACLAMP® TORRO®: Band and housing stainless steel AISI 430; Screw: Galvanized mild steel NORMACLAMP® GBS: Band and housing stainless steel AISI 439; Bolt: Galvanized mild steel
W2B	Band: stainless steel AISI 430 Screw and housing: galvanized steel
W3	All parts entirely made from stainless steel AISI 430
W4	All parts entirely made from stainless steel AISI 304 (or comparable)
W5	All parts entirely made from stainless steel AISI 316 (or comparable)

Materials						
International standard designations						
	DIN	AISI/AS	BS	AFNOR NF	SS	SUS
W1	Entirely galvanized steel					
Band and housing						
W2	1.4016	430	430 S 17	Z8 C17	2320	430
Bolt	Galvanized steel					
W3	1.4016	430	430 S 17	Z8 C17	2320	430
W4	1.4301	304	304 S 15	Z6 CN 18-09	2332	304
W5	1.4401	316	316 S 31	Z3 CND 17-11-1	2347	316
Spring insert	1.4310	301	301 S 22	Z12 CN 18-09	2331	301

NORMACLAMP® Torro®

Worm drive hose clamps in accordance with DIN 3017

NORMACLAMP® TORRO® multi-range hose clamps are ideally suited to applications with high mechanical loads. Thanks to the continuous developments these products have undergone, they remain the benchmark within modern clamp construction. Within the NORMACLAMP® range, only the TORRO® has its trademark asymmetrical construction. The asymmetric housing provides high force, superior torque and even distribution of clamping pressure. Clamp aligns perfectly on the hose and ensures the optimal sealing of the connection.



- 1 Improved asymmetric housing**
even distribution of forces and safe assembly
- 2 Screw support**
ease of assembly due to the safe guidance of the emerging band end
- 3 Material and clamping range stamped on the band**
prevention of errors
- 4 Asymmetric extension**
prevents the housing from tilting over when the clamp is tightened
- 5 Short housing saddle**
even contact pressure
- 6 Smooth or stamped inside of band**
optimal hose protection

Advantages at a glance

- ✓ Multi-range hose clamp
- ✓ No chromium (VI) used for coating purposes
- ✓ Clamping ranges in acc. with DIN 3017:
8-12mm to 140-160mm
- ✓ Larger diameters available on request

Applications

- Joining cooling water lines
- Depressurised and pressurised fuel lines and ventilation systems
- Oil lines
- Joining lines in sanitary applications
- Joining lines in machine building applications
- Lines in the household appliance industry
- Hose lines in the commercial vehicle industries

Materials				
W1*	W2	W3	W4	W5
X	X	X	X	X
* No chromium (VI) used for the coating on the closure components				

Material	Corrosion resistance in salt spray testing
W1	Min. 144 h
W2	Min. 72h
W3	Min. 200 h*
W4	Min. 400 h
W5	Min. 1000 h
*Max 10% base metal corrosion permissible	

Types of clamp band and screw

	W1*	W2	W3	W4	W5
Phillips head SW 7*	•	•			
Slotted head SW 7			•	•	•

* Band width 7.5 mm = SW 6

Band width 7.5 mm

- W2, W3 with smooth inside

Band width 9 mm

- W1 with smooth inside
- W2, W3, W4, W5 with stamped inside

Band width 12 mm

- W1, W2, W3 with smooth inside
- W4, W5 with stamped inside

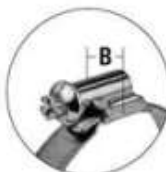


Technical data

Dimensions

Band width	Clamping range	B (mm)	h (mm)	L (mm)	s (mm)
7.5mm	8-12mm to 16-27mm	11.5	9	17	0.6
9mm	8-12mm to 8-16mm	13	11	21	0.65
9mm	12-22mm to 23-35mm	13	11	24	0.65
9mm	25-40mm to 140-160mm	13	11	26	0.65
12mm	16-27mm to 60-80mm	14.6	12.5	30	0.8
12mm	70-90mm to 140-160mm	14.6	12.5	36	0.8

Additional diameters on request (up to 700 mm)



B = overall width
housing



h = overall height
bolt and housing



L = overall length
bolt and housing



s = band thickness
clamp band



Name structure
clamp band

NORMACLAMP® Torro®

W1 | All Parts Made Entirely From Galvanised Steel

Group WDHC	NORMACLAMP® Torro®				
	Part number	Clamping range	Band width	Material grade	Pack/Bag/Carton Qty.
NORMACLAMP® Torro® - Trade Packs					
	W1008-012/010	8-12mm Ø	9.0mm	W1	10
	W1010-016/010	10-16mm Ø	9.0mm	W1	10
	W1012-022/010	12-22mm Ø	9.0mm	W1	10
	W1016-027/010	16-27mm Ø	12.0mm	W1	10
	W1020-032/010	20-32mm Ø	12.0mm	W1	10
	W1025-040/010	25-40mm Ø	12.0mm	W1	10
	W1030-045/010	30-45mm Ø	12.0mm	W1	10
	W1035-050/010	35-50mm Ø	12.0mm	W1	10
	W1040-060/010	40-60mm Ø	12.0mm	W1	10
	W1050-070/010	50-70mm Ø	12.0mm	W1	10
	W1060-080/010	60-80mm Ø	12.0mm	W1	10
	W1070-090/010	70-90mm Ø	12.0mm	W1	10
	W1080-100/010	80-100mm Ø	12.0mm	W1	10
	W1090-110/010	90-110mm Ø	12.0mm	W1	10
	W1100-120/005	100-120mm Ø	12.0mm	W1	5
	W1110-130/005	110-130mm Ø	12.0mm	W1	5
	W1120-140/005	120-140mm Ø	12.0mm	W1	5
	W1130-150/005	130-150mm Ø	12.0mm	W1	5
	W1140-160/005	140-160mm Ø	12.0mm	W1	5
	W1150-170/005	150-170mm Ø	12.0mm	W1	5
	W1160-180/005	160-180mm Ø	12.0mm	W1	5
	W1170-190/005	170-190mm Ø	12.0mm	W1	5
	W1180-200/005	180-200mm Ø	12.0mm	W1	5
	W1190-210/005	190-210mm Ø	12.0mm	W1	5
	W1200-220/005	200-220mm Ø	12.0mm	W1	5
	W1210-230/005	210-230mm Ø	12.0mm	W1	5
	W1230-250/005	230-250mm Ø	12.0mm	W1	5
	W1260-280/005	260-280mm Ø	12.0mm	W1	5
	W1280-300/005	280-300mm Ø	12.0mm	W1	5



NORMACLAMP® Torro® - Cartons					
Group WDHC	Part number	Clamping range	Band width	Material grade	Pack/Bag/Carton Qty.
	W1008-012/100	8-12mm Ø	9.0mm	W1	100
	W1010-016/100	10-16mm Ø	9.0mm	W1	100
	W1012-022/100	12-22mm Ø	9.0mm	W1	100
	W1016-027/050	16-27mm Ø	12.0mm	W1	50
	W1020-032/050	20-32mm Ø	12.0mm	W1	50
	W1025-040/050	25-40mm Ø	12.0mm	W1	50
	W1030-045/050	30-45mm Ø	12.0mm	W1	50
	W1035-050/050	35-50mm Ø	12.0mm	W1	50
	W1040-060/025	40-60mm Ø	12.0mm	W1	25
	W1050-070/025	50-70mm Ø	12.0mm	W1	25
	W1060-080/025	60-80mm Ø	12.0mm	W1	25
	W1070-090/025	70-90mm Ø	12.0mm	W1	25
	W1080-100/100	80-100mm Ø	12.0mm	W1	100
	W1090-110/100	90-110mm Ø	12.0mm	W1	100
	W1100-120/100	100-120mm Ø	12.0mm	W1	100
	W1110-130/100	110-130mm Ø	12.0mm	W1	100
	W1120-140/100	120-140mm Ø	12.0mm	W1	100
	W1130-150/100	130-150mm Ø	12.0mm	W1	100
	W1140-160/100	140-160mm Ø	12.0mm	W1	100
	W1150-170/100	150-170mm Ø	12.0mm	W1	100
	W1160-180/100	160-180mm Ø	12.0mm	W1	100
	W1170-190/050	170-190mm Ø	12.0mm	W1	50
	W1180-200/050	180-200mm Ø	12.0mm	W1	50
	W1190-210/050	190-210mm Ø	12.0mm	W1	50
	W1200-220/050	200-220mm Ø	12.0mm	W1	50
	W1210-230/050	210-230mm Ø	12.0mm	W1	50
	W1230-250/050	230-250mm Ø	12.0mm	W1	50
	W1260-280/050	260-280mm Ø	12.0mm	W1	50
	W1280-300/050	280-300mm Ø	12.0mm	W1	50

NORMACLAMP® Torro®

W2 | Band And Housing: Stainless Steel AISI 430 | Bolt: Galvanised Steel

NORMACLAMP® Torro®					
Group WDHC	Part number	Clamping range	Band width	Material grade	Pack/Bag/Carton Qty.
NORMACLAMP® Torro® - Trade Packs					
	W2B010-016/010	10-16mm Ø	7.5mm	W2	10
	W2B008-12/010	8-12mm Ø	9.0mm	W2	10
	W2B008-016/010	8-16mm Ø	9.0mm	W2	10
	W2B012-020/010	12-20mm Ø	9.0mm	W2	10
	W2B016-025/010	16-25mm Ø	9.0mm	W2	10
	W2B020-032/010	20-32mm Ø	9.0mm	W2	10
	W2B025-040/010	25-40mm Ø	9.0mm	W2	10
	W2B030-045/010	30-45mm Ø	9.0mm	W2	10
	W2B032-050/010	32-50mm Ø	9.0mm	W2	10
	W2B040-060/010	40-60mm Ø	9.0mm	W2	10
	W2B050-070/010	50-70mm Ø	9.0mm	W2	10
	W2B060-080/010	60-80mm Ø	9.0mm	W2	10
	W2B070-090/010	70-90mm Ø	9.0mm	W2	10
	W2B080-100/010	80-100mm Ø	9.0mm	W2	10
	W2B090-110/010	90-110mm Ø	9.0mm	W2	10



NORMACLAMP® Torro®

W3 | All Parts Entirely Made From Stainless Steel AISI 430

Group WDHC	NORMACLAMP® Torro®				
	Part number	Clamping range	Band width	Material grade	Pack/Bag/ Carton Qty.
NORMACLAMP® Torro® - Trade Packs					
	W3008-012/010	8-12mm Ø	7.5mm	W3	10
	W3010-016/010	10-16mm Ø	7.5mm	W3	10
	W3008-016/010	8-16mm Ø	9.0mm	W3	10
	W3012-020/010	12-20mm Ø	9.0mm	W3	10
	W3016-027/010	16-27mm Ø	12.0mm	W3	10
	W3020-032/010	20-32mm Ø	12.0mm	W3	10
	W3025-040/010	25-40mm Ø	12.0mm	W3	10
	W3030-045/010	30-45mm Ø	12.0mm	W3	10
	W3035-050/010	35-50mm Ø	12.0mm	W3	10
	W3040-060/010	40-60mm Ø	12.0mm	W3	10
	W3050-070/010	50-70mm Ø	12.0mm	W3	10
	W3060-080/010	60-80mm Ø	12.0mm	W3	10
	W3070-090/010	70-90mm Ø	12.0mm	W3	10
	W3080-100/010	80-100mm Ø	12.0mm	W3	10
	W3090-110/010	90-110mm Ø	12.0mm	W3	10
	W3100-120/005	100-120mm Ø	12.0mm	W3	5
	W3110-130/005	110-130mm Ø	12.0mm	W3	5
	W3120-140/005	120-140mm Ø	12.0mm	W3	5
	W3130-150/005	130-150mm Ø	12.0mm	W3	5
	W3140-160/005	140-160mm Ø	12.0mm	W3	5
	W3150-170/005	150-170mm Ø	12.0mm	W3	5
	W3160-180/005	160-180mm Ø	12.0mm	W3	5
	W3180-200/005	180-200mm Ø	12.0mm	W3	5
	W3210-230/005	210-230mm Ø	12.0mm	W3	5
	W3230-250/005	230-250mm Ø	12.0mm	W3	5
	W3260-280/005	260-280mm Ø	12.0mm	W3	5
	W3280-300/005	280-300mm Ø	12.0mm	W3	5
NORMACLAMP® Torro® - Cartons					
	W3008-012/100	8-12mm Ø	7.5mm	W3	100
	W3010-016/100	10-16mm Ø	7.5mm	W3	100
	W3008-016/100	8-16mm Ø	9.0mm	W3	100
	W3012-020/100	12-20mm Ø	9.0mm	W3	100
	W3016-027/050	16-27mm Ø	12.0mm	W3	50
	W3020-032/050	20-32mm Ø	12.0mm	W3	50
	W3025-040/050	25-40mm Ø	12.0mm	W3	50
	W3030-045/050	30-45mm Ø	12.0mm	W3	50
	W3035-050/050	35-50mm Ø	12.0mm	W3	50
	W3040-060/025	40-60mm Ø	12.0mm	W3	25
	W3050-070/025	50-70mm Ø	12.0mm	W3	25
	W3060-080/025	60-80mm Ø	12.0mm	W3	25
	W3070-090/025	70-90mm Ø	12.0mm	W3	25
	W3080-100/100	80-100mm Ø	12.0mm	W3	100
	W3090-110/100	90-110mm Ø	12.0mm	W3	100
	W3100-120/100	100-120mm Ø	12.0mm	W3	100
	W3110-130/100	110-130mm Ø	12.0mm	W3	100
	W3120-140/100	120-140mm Ø	12.0mm	W3	100
	W3130-150/100	130-150mm Ø	12.0mm	W3	100
	W3140-160/100	140-160mm Ø	12.0mm	W3	100
	W3150-170/100	150-170mm Ø	12.0mm	W3	100
	W3160-180/100	160-180mm Ø	12.0mm	W3	100
	W3180-200/050	180-200mm Ø	12.0mm	W3	50
	W3210-230/050	210-230mm Ø	12.0mm	W3	50
	W3230-250/050	230-250mm Ø	12.0mm	W3	50
	W3260-280/050	260-280mm Ø	12.0mm	W3	50
	W3280-300/050	280-300mm Ø	12.0mm	W3	50



NORMACLAMP® Torro®

W4 | All Parts Entirely Made From Stainless Steel AISI 304

Group WDHC	NORMACLAMP® Torro®				
	Part number	Clamping range	Band width	Material grade	Pack/Bag/Carton Qty.
NORMACLAMP® Torro® - Trade Packs					
	W4008-012/010	8-12mm Ø	9.0mm	W4	10
	W4008-016/010	8-16mm Ø	9.0mm	W4	10
	W4012-020/010	12-20mm Ø	9.0mm	W4	10
	W4012-022/010	12-22mm Ø	9.0mm	W4	10
	W4016-027/010	16-27mm Ø	9.0mm	W4	10
	W4020-032/010	20-32mm Ø	9.0mm	W4	10
	W4016-027/010	16-27mm Ø	12.0mm	W4	10
	W4020-032/010	20-32mm Ø	12.0mm	W4	10
	W4025-040/010	25-40mm Ø	12.0mm	W4	10
	W4030-045/010	30-45mm Ø	12.0mm	W4	10
	W4035-050/010	35-50mm Ø	12.0mm	W4	10
	W4040-060/010	40-60mm Ø	12.0mm	W4	10
	W4050-070/010	50-70mm Ø	12.0mm	W4	10
	W4060-080/010	60-80mm Ø	12.0mm	W4	10
	W4070-090/010	70-90mm Ø	12.0mm	W4	10
	W4080-100/010	80-100mm Ø	12.0mm	W4	10
	W4090-110/010	90-110mm Ø	12.0mm	W4	10
	W4100-120/005	100-120mm Ø	12.0mm	W4	5
	W4110-130/005	110-130mm Ø	12.0mm	W4	5
	W4120-140/005	120-140mm Ø	12.0mm	W4	5
	W4130-150/005	130-150mm Ø	12.0mm	W4	5
	W4140-160/005	140-160mm Ø	12.0mm	W4	5
	W4150-170/005	150-170mm Ø	12.0mm	W4	5
	W4160-180/005	160-180mm Ø	12.0mm	W4	5
	W4200-220/005	200-220mm Ø	12.0mm	W4	5
	W4210-230/005	210-230mm Ø	12.0mm	W4	5
	W4230-250/005	230-250mm Ø	12.0mm	W4	5
	W4260-280/005	260-280mm Ø	12.0mm	W4	5
	W4280-300/005	280-300mm Ø	12.0mm	W4	5
	W4330-350/005	330-350mm Ø	12.0mm	W4	5
NORMACLAMP® Torro® - Cartons					
	W4008-012/100	8-12mm Ø	9.0mm	W4	100
	W4008-016/100	8-16mm Ø	9.0mm	W4	100
	W4012-020/100	12-20mm Ø	9.0mm	W4	100
	W4012-022/100	12-22mm Ø	9.0mm	W4	100
	W4016-027/100	16-27mm Ø	9.0mm	W4	100
	W4020-032/100	20-32mm Ø	9.0mm	W4	100
	W4016-027/050	16-27mm Ø	12.0mm	W4	50
	W4020-032/050	20-32mm Ø	12.0mm	W4	50
	W4025-040/050	25-40mm Ø	12.0mm	W4	50
	W4030-045/050	30-45mm Ø	12.0mm	W4	50
	W4035-050/050	35-50mm Ø	12.0mm	W4	50
	W4040-060/025	40-60mm Ø	12.0mm	W4	25
	W4050-070/025	50-70mm Ø	12.0mm	W4	25
	W4060-080/025	60-80mm Ø	12.0mm	W4	25
	W4070-090/025	70-90mm Ø	12.0mm	W4	25
	W4080-100/100	80-100mm Ø	12.0mm	W4	100
	W4090-110/100	90-110mm Ø	12.0mm	W4	100
	W4100-120/100	100-120mm Ø	12.0mm	W4	100
	W4110-130/100	110-130mm Ø	12.0mm	W4	100
	W4120-140/100	120-140mm Ø	12.0mm	W4	100
	W4130-150/100	130-150mm Ø	12.0mm	W4	100
	W4140-160/100	140-160mm Ø	12.0mm	W4	100
	W4150-170/100	150-170mm Ø	12.0mm	W4	100
	W4160-180/100	160-180mm Ø	12.0mm	W4	100
	W4170-190/050	170-190mm Ø	12.0mm	W4	50
	W4180-200/050	180-200mm Ø	12.0mm	W4	50
	W4190-210/050	190-210mm Ø	12.0mm	W4	50
	W4200-220/050	200-220mm Ø	12.0mm	W4	50
	W4210-230/050	210-230mm Ø	12.0mm	W4	50
	W4230-250/050	230-250mm Ø	12.0mm	W4	50
	W4260-280/050	260-280mm Ø	12.0mm	W4	50
	W4280-300/050	280-300mm Ø	12.0mm	W4	50
	W4330-350/050	330-350mm Ø	12.0mm	W4	50



NORMACLAMP® Torro®

W5 | All Parts Entirely Made From Stainless Steel AISI 316

NORMACLAMP® Torro®					
Group	Part number	Clamping range	Band width	Material grade	Pack/Bag/Carton Qty.
NORMACLAMP® Torro® - Trade Packs					
	W5008-016/010	8-16mm Ø	9.0mm	W5	10
	W5012-020/010	12-20mm Ø	9.0mm	W5	10
	W5016-025/010	16-25mm Ø	9.0mm	W5	10
	W5016-027/010	16-27mm Ø	12.0mm	W5	10
	W5020-032/010	20-32mm Ø	12.0mm	W5	10
	W5025-040/010	25-40mm Ø	12.0mm	W5	10
	W5030-045/010	30-45mm Ø	12.0mm	W5	10
	W5035-050/010	35-50mm Ø	12.0mm	W5	10
	W5040-060/010	40-60mm Ø	12.0mm	W5	10
	W4050-070/010	50-70mm Ø	12.0mm	W5	10
	W5060-080/010	60-80mm Ø	12.0mm	W5	10
	W5070-090/010	70-90mm Ø	12.0mm	W5	10
	W5080-100/010	80-100mm Ø	12.0mm	W5	10
	W5090-110/010	90-110mm Ø	12.0mm	W5	10
	W5100-120/005	100-120mm Ø	12.0mm	W5	5
	W5110-130/005	110-130mm Ø	12.0mm	W5	5
	W5120-140/005	120-140mm Ø	12.0mm	W5	5
	W5130-150/005	130-150mm Ø	12.0mm	W5	5
	W5140-160/005	140-160mm Ø	12.0mm	W5	5
	W5150-170/005	150-170mm Ø	12.0mm	W5	5
	W5160-180/005	160-180mm Ø	12.0mm	W5	5
NORMACLAMP® Torro® - Cartons					
	W5008-016/100	8-16mm Ø	9.0mm	W5	100
	W5012-020/100	12-20mm Ø	9.0mm	W5	100
	W5016-025/100	16-25mm Ø	9.0mm	W5	100
	W5016-027/050	16-27mm Ø	12.0mm	W5	50
	W5020-032/050	20-32mm Ø	12.0mm	W5	50
	W5025-040/050	25-40mm Ø	12.0mm	W5	50
	W5030-045/050	30-45mm Ø	12.0mm	W5	50
	W5035-050/050	35-50mm Ø	12.0mm	W5	50
	W5040-060/025	40-60mm Ø	12.0mm	W5	25
	W5050-070/025	50-70mm Ø	12.0mm	W5	25
	W5060-080/025	60-80mm Ø	12.0mm	W5	25
	W5070-090/025	70-90mm Ø	12.0mm	W5	25
	W5080-100/025	80-100mm Ø	12.0mm	W5	25
	W5090-110/025	90-110mm Ø	12.0mm	W5	20
	W5100-120/100	100-120mm Ø	12.0mm	W5	100
	W5110-130/100	110-130mm Ø	12.0mm	W5	100
	W5120-140/100	120-140mm Ø	12.0mm	W5	100
	W5130-150/100	130-150mm Ø	12.0mm	W5	100
	W5140-160/100	140-160mm Ø	12.0mm	W5	100
	W5150-170/100	150-170mm Ø	12.0mm	W5	100
	W5160-180/100	160-180mm Ø	12.0mm	W5	100
	W5260-280/050	260-280mm Ø	12.0mm	W5	50
	W5280-300/050	280-300mm Ø	12.0mm	W5	50



NORMACLAMP® Torro® Worm Drive Hose Clamps w Safe Liner

W4 | All Parts Entirely Made From Stainless Steel AISI 304

NORMACLAMP® Torro® with Safe Liner - Packs						
Group	Part number	Hose size	Clamping range	Band width	Material grade	Pack Qty.
TORRO SAFE	W4SAFE040-060/010	2"	40-60mm Ø	12.0mm	W4	10
	W4SAFE055-075/010	2.5"	55-75mm Ø	12.0mm	W4	10
	W4SAFE065-085/010	3"	65-85mm Ø	12.0mm	W4	10
	W4SAFE090-110/010	4"	90-110mm Ø	12.0mm	W4	10



NORMACLAMP® Torro® - 120 Piece Retail Wall Merchandiser

Group WDHC	NORMACLAMP® Torro® - 120 Piece Retail Wall Merchandiser			
	Part number	Item description	Material grade	Unit Qty.
	CHC120W1	8-12mm to 70-90mm Ø W1	W1	1
	CHC120W3	8-16mm to 70-90mm Ø W3	W3	1
	CHC120W4	8-12mm to 70-90mm Ø W4	W4	1
Contents / refill parts				
	Clamping range	Band width	Merch. qty	
	10-16mm Ø	9.0mm (7.5mm W3)	10	
	8-16mm Ø	9.0mm	10	
	12-22mm Ø	9.0mm	10	
	16-27mm Ø	12.0mm	10	
	20-32mm Ø	12.0mm	10	
	25-40mm Ø	12.0mm	10	
	30-45mm Ø	12.0mm	10	
	35-50mm Ø	12.0mm	10	
	40-60mm Ø	12.0mm	10	
	50-70mm Ø	12.0mm	10	
	60-80mm Ø	12.0mm	10	
	70-90mm Ø	12.0mm	10	



NORMACLAMP® Torro® - 140 Piece Wall Merchandiser

Group WDHC	NORMACLAMP® Torro® - 140 Piece Wall Merchandiser			
	Part number	Item description	Material grade	Unit Qty.
	NHC140W2	8-12mm to 60-80mm Ø Incl. Tool W2	W2	1
Contents / refill parts				
	Clamping range	Band width	Merch. qty	
	8-12mm Ø	9.0mm	12	
	8-16mm Ø	9.0mm	12	
	12-20mm Ø	9.0mm	12	
	16-25mm Ø	9.0mm	20	
	20-32mm Ø	9.0mm	12	
	25-40mm Ø	9.0mm	12	
	30-45mm Ø	9.0mm	12	
	32-50mm Ø	9.0mm	12	
	40-60mm Ø	9.0mm	12	
	50-70mm Ø	9.0mm	12	
	60-80mm Ø	9.0mm	12	
	7mm FLEXIDRIVER		1	



NORMACLAMP® Torro® - 135 Piece Wall Merchandiser

Group WDHC	NORMACLAMP® Torro® - 135 Piece Wall Merchandiser			
	Part number	Item description	Material grade	Unit Qty.
	NHC135W1	8-12mm to 40-60mm Ø W1	W1	1
	NHC135W3	8-16mm to 40-60mm Ø W3	W3	1
	NHC135W4	8-12mm to 40-60mm Ø W4	W4	1
Contents / refill parts				
	Clamping range	Band width	Merch. qty	
	8-12mm Ø	9.0mm	20	
	10-16mm Ø	9.0mm (7.5mm W3)	20	
	12-(20/22)mm Ø	9.0mm	20	
	16-27mm Ø	12.0mm	15	
	20-32mm Ø	12.0mm	15	
	25-40mm Ø	12.0mm	15	
	35-50mm Ø	12.0mm	15	
	40-60mm Ø	12.0mm	15	



NORMACLAMP® Torro® - 190 Piece Wall Merchandiser

Group WDHC	NORMACLAMP® Torro® - 190 Piece Wall Merchandiser			
	Part number	Item description	Material grade	Unit Qty.
	NHC190W1	8-12mm to 140-160mm Ø W1	W1	1
	NHC190W3	8-12mm to 140-160mm Ø W3	W3	1
	NHC190W4	8-12mm to 140-160mm Ø W4	W4	1
	NHC190W5	8-16mm to 140-160mm Ø W5	W5	1
Contents / refill parts				
	Clamping range	Band width	Merch. qty	
	8-12mm Ø	9.0mm (7.5mm W3)	10	
	(8/10)-16mm Ø	9.0mm	10	
	12-(20/22)mm Ø	9.0mm	10	
	16-27mm Ø	12.0mm	10	
	20-32mm Ø	12.0mm	10	
	25-40mm Ø	12.0mm	10	
	30-45mm Ø	12.0mm	10	
	35-50mm Ø	12.0mm	10	
	40-60mm Ø	12.0mm	10	
	50-70mm Ø	12.0mm	10	
	60-80mm Ø	12.0mm	10	
	70-90mm Ø	12.0mm	10	
	80-100mm Ø	12.0mm	10	
	90-110mm Ø	12.0mm	10	
	100-120mm Ø	12.0mm	10	
	110-130mm Ø	12.0mm	10	
	120-140mm Ø	12.0mm	10	
	130-150mm Ø	12.0mm	10	
	140-160mm Ø	12.0mm	10	



NORMACLAMP® Torro® - 420 Piece Modular Tilt Bin Merchandiser

Group	NORMACLAMP® Torro® - 420 Piece Modular Tilt Bin Merchandiser			
WDHC	Part number	Item description	Material grade	Unit Qty.
	NHC420W1	8-12mm to 90-110mm Ø W1	W1	1
	NHC420W3	8-16mm to 90-110mm Ø W3	W3	1
	NHC420W4	8-16mm to 90-110mm Ø W4	W4	1
	NHC420W5	8-16mm to 90-110mm Ø W5	W5	1
Contents / refill parts				
	Clamping range	Band width	Merch. qty	
	8-(12/16)mm Ø	9.0mm	50	
	10-16mm Ø	7.5/9.0mm	50	
	12-(20/22)mm Ø	9.0mm	50	
	16-27mm Ø	12.0mm	40	
	20-32mm Ø	12.0mm	30	
	25-40mm Ø	12.0mm	40	
	30-45mm Ø	12.0mm	40	
	35-50mm Ø	12.0mm	40	
	40-60mm Ø	12.0mm	30	
	50-70mm Ø	12.0mm	20	
	60-80mm Ø			
	70-90mm Ø	12.0mm	10	
	80-100mm Ø	12.0mm	10	
	90-110mm Ø	12.0mm	10	



NORMACLAMP® Worm Drive Hose Clamp - 100 Piece Grab Kit

Group	NORMACLAMP® Worm Drive Hose Clamp - 100 Piece Grab Kit			
WDHC	Part number	Item description	Material grade	Unit Qty.
	NHC100W1	8-12mm to 40-60mm Ø Incl. Tool W1	W1	1
	NHC100W3	8-16mm to 40-60mm Ø Incl. Tool W3	W3	1
	NHC100W4	8-16mm to 40-60mm Ø Incl. Tool W4	W4	1
Contents / refill parts				
	Clamping range	Band width	Merch. qty	
	9.5-11mm Ø	9.0mm	10	
	11.5-13mm Ø	9.0mm	10	
	(8-10)-16mm Ø	7.5/9.0mm	10	
	(8/10)-16mm Ø	9.0mm	12	
	12-20mm Ø	9.0mm	20	
	12-(20/22)mm Ø	9.0mm	10	
	16-27mm Ø	12.0mm	10	
	20-32mm Ø	12.0mm	8	
	25-40mm Ø	12.0mm	10	
	35-50mm Ø	12.0mm	10	
	40-60mm Ø	12.0mm	10	
	6mm & 7mm FLEXIDRIVER		1	



NORMACLAMP® Torro® WF Constant Tension - Trade Packs

W3 | All Parts Entirely Made From Stainless Steel AISI 430

Group	NORMACLAMP® Torro® WF Constant Tension - Trade Packs				
NORMACT	Part number	Clamping range	Band width	Material grade	Bag Qty.
	NC-CT012-020/9	12-20mm Ø	9.0mm	W3	10
	NC-CT016-025/9	16-25mm Ø	9.0mm	W3	10
	NC-CT020-032/9	20-32mm Ø	9.0mm	W3	10
	NC-CT025-040/9	25-40mm Ø	9.0mm	W3	10
	NC-CT030-045/9	30-45mm Ø	9.0mm	W3	10
	NC-CT032-050/9	32-50mm Ø	9.0mm	W3	10
	NC-CT040-060/9	40-60mm Ø	9.0mm	W3	10
	NC-CT016-027/12	16-27mm Ø	12.0mm	W3	10
	NC-CT025-040/12	25-40mm Ø	12.0mm	W3	10
	NC-CT030-045/12	30-45mm Ø	12.0mm	W3	10
	NC-CT035-050/12	35-50mm Ø	12.0mm	W3	10
	NC-CT040-060/12	40-60mm Ø	12.0mm	W3	10
	NC-CT050-070/12	50-70mm Ø	12.0mm	W3	10
	NC-CT060-080/12	60-80mm Ø	12.0mm	W3	10
	NC-CT070-090/12	70-90mm Ø	12.0mm	W3	10
	NC-CT080-100/12	80-100mm Ø	12.0mm	W3	10
	NC-CT090-110/12	90-110mm Ø	12.0mm	W3	10
	NC-CT100-120/12	100-120mm Ø	12.0mm	W3	10
	NC-CT120-140/12	120-140mm Ø	12.0mm	W3	10



NORMACLAMP® Torro® WF Constant Tension - 105 Piece Grab Kit

Group	NORMACLAMP® Torro® WF Constant Tension - 105 Piece Grab Kit			
WDHC	Part number	Item description	Material grade	Unit Qty.
	NHC100CT	7-9mm to 40-60mm Ø Incl. Tool W1/W2	Various	1
Contents / refill parts				
	Clamping range	Band width	Merch. qty	
	7-9mm Ø	9.0mm	10	W1
	11-13mm Ø	9.0mm	10	W1
	10-16mm Ø	7.5mm	10	W2
	8-16mm Ø	9.0mm	12	W2
	12-20mm Ø	9.0mm	10	W3
	16-25mm Ø	9.0mm	10	W3
	20-32mm Ø	9.0mm	8	W3
	25-40mm Ø	9.0mm	10	W3
	32-50mm Ø	9.0mm	10	W3
	40-60mm Ø	9.0mm	10	W3
	6mm & 7mm FLEXIDRIVER		1	



NORMACLAMP® Mini Standard - 105 Piece Grab Kit

NORMACLAMP® Mini Standard - 105 Piece Grab Kit				
Group	Part number	Item description	Material grade	Unit Qty.
WDHC	NFC105W1	7-9mm to 15-17mm Ø W1	W1	1
	NFC105W4	8.5-9.5mm to 15-17mm Ø W4	W4	1
Contents / refill parts				
Band Width	Kit Qty			
9.0mm	10			
9.0mm	15			
9.0mm	15			
9.0mm	15			
9.0mm	15			
9.0mm	15			
9.0mm	10			
9.0mm	10			



ABA Fuel Clip - 80 Piece Merchandiser

ABA Fuel Clip - 80 Piece Merchandiser				
Group	Part number	Item description	Material grade	Unit Qty.
ABA	NFC80W1	7-9mm to 15-17mm Ø W1	W1	1
	NFC80W4	7.5-8.5mm to 14.5-16mm Ø W4	W4	1
Contents / refill parts				
Band Width	Kit Qty			
9.0mm	10			
9.0mm	10			
9.0mm	10			
9.0mm	10			
9.0mm	10			
9.0mm	10			
9.0mm	10			
9.0mm	10			



NORMACLAMP® Mini Standard - Galv.Steel

W1 | All Parts Entirely Made From Galvanised Steel

NORMACLAMP® Mini Standard - Trade Packs					
Group	Part number	Clamping range	Band width	Material grade	Pack Qty.
FUELCLIP	W1SL07-09	7-9mm Ø	9.0mm	W1	10
	W1SL09-11	9-11mm Ø	9.0mm	W1	10
	W1SL10-12	10-12mm Ø	9.0mm	W1	10
	W1SL11-13	11-13mm Ø	9.0mm	W1	10
	W1SL12-14	12-14mm Ø	9.0mm	W1	10
	W1SL13-15	13-15mm Ø	9.0mm	W1	10
	W1SL14-16	14-16mm Ø	9.0mm	W1	10
	W1SL15-17	15-17mm Ø	9.0mm	W1	10



NORMACLAMP® Mini Standard - Stainless Steel

W4 | All Parts Entirely Made From Stainless Steel AISI 304

NORMACLAMP® Mini Standard - Trade Packs					
Group	Part number	Clamping range	Band width	Material grade	Pack Qty.
FUELCLIP	W4SL07-09	7.5-8.5mm Ø	9.0mm	W4	10
	W4SL08-09	8.5-9.5mm Ø	9.0mm	W4	10
	W4SL09-11	9.5-11.0mm Ø	9.0mm	W4	10
	W4SL10-12	10.5-12.0mm Ø	9.0mm	W4	10
	W4SL11-13	11.5-13.0mm Ø	9.0mm	W4	10
	W4SL12-14	12.5-14.0mm Ø	9.0mm	W4	10
	W4SL13-15	13.5-15.0mm Ø	9.0mm	W4	10
	W4SL14-16	14.5-16.0mm Ø	9.0mm	W4	10
	W4SL15-17	15.0-17.0mm Ø	9.0mm	W4	10
	W4SL16-18	16.0-18.0mm Ø	9.0mm	W4	10



NORMACLAMP® Quick Release - Slotted Band

Band, Housing & Screw - 200 Series Stainless Steel / Thrust Block - 400 Series Stainless Steel

NORMACLAMP® Quick Release - Slotted Band				
Group	Part number	Clamping range	Band width	Pack Qty.
QR	QR72/10	51-130mm Ø	14.0mm	10
	QR104/10	51-176mm Ø	14.0mm	10
	QR128/10	60-215mm Ø	14.0mm	10
	QR188/10	60-311mm Ø	14.0mm	10



NORMACLAMP® Worm Drive Hose Clamp Tools

NORMACLAMP® Worm Drive Hose Clamp Tools				
Group	Part	Item		Unit
TOOLS	number	description		Qty.
	SW6	6mm FLEXIDRIVER		1
	SW6/7	6mm & 7mm FLEXIDRIVER		1
	SW7	7mm FLEXIDRIVER		1
	SW7L	7mm FLEXIDRIVER LONG SHAFT		1
	SW6/8	6mm & 8mm FLEXIDRIVER		1
	SW8L	8mm FLEXIDRIVER LONG SHAFT		1



SUPERCLAMP - Plated Steel

W1 | All Parts Entirely Made From Zinc-Plated/Galvanised Steel

SUPER CLAMP Zinc-Plated Steel				
Group	Part	Clamping	Material	Pack
SC	number	range	grade	Qty.
MILD STEEL SUPER CLAMP				
	SC019	17-19mm Ø	W1	1
	SC020	18-20mm Ø	W1	1
	SC023	21-23mm Ø	W1	1
	SC025	23-25mm Ø	W1	1
	SC026	24-26mm Ø	W1	1
	SC028	26-28mm Ø	W1	1
	SC029	27-29mm Ø	W1	1
	SC032	29-31mm Ø	W1	1
	SC033	30-33mm Ø	W1	1
	SC034	31-34mm Ø	W1	1
	SC035	32-35mm Ø	W1	1
	SC037	34-37mm Ø	W1	1
	SC039	36-39mm Ø	W1	1
	SC041	38-41mm Ø	W1	1
	SC043	40-43mm Ø	W1	1
	SC045	42-45mm Ø	W1	1
	SC047	44-47mm Ø	W1	1
	SC049	46-49mm Ø	W1	1
	SC051	48-51mm Ø	W1	1
	SC053	50-53mm Ø	W1	1
	SC055	52-55mm Ø	W1	1
	SC057	54-57mm Ø	W1	1
	SC059	56-59mm Ø	W1	1
	SC061	58-61mm Ø	W1	1
	SC063	60-63mm Ø	W1	1
	SC065	62-65mm Ø	W1	1
	SC067	64-67mm Ø	W1	1
	SC070	66-70mm Ø	W1	1
	SC073	68-73mm Ø	W1	1
	SC076	71-76mm Ø	W1	1
	SC079	74-79mm Ø	W1	1
	SC082	77-82mm Ø	W1	1
	SC085	80-85mm Ø	W1	1
	SC088	83-88mm Ø	W1	1
	SC091	86-91mm Ø	W1	1
	SC094	89-94mm Ø	W1	1
	SC097	92-97mm Ø	W1	1
	SC100	95-100mm Ø	W1	1
	SC103	98-103mm Ø	W1	1
	SC107	101-107mm Ø	W1	1
	SC112	104-112mm Ø	W1	1
	SC116	108-116mm Ø	W1	1
	SC121	113-121mm Ø	W1	1
	SC125	117-125mm Ø	W1	1
	SC130	122-130mm Ø	W1	1
	SC134	126-134mm Ø	W1	1
	SC139	131-139mm Ø	W1	1
	SC148	140-148mm Ø	W1	1
	SC161	149-161mm Ø	W1	1
	SC174	162-174mm Ø	W1	1
	SC187	175-187mm Ø	W1	1
	SC200	188-200mm Ø	W1	1
	SC213	201-213mm Ø	W1	1
	SC226	214-226mm Ø	W1	1
	SC239	227-239mm Ø	W1	1
	SC252	240-252mm Ø	W1	1
	SC265	253-265mm Ø	W1	1
	SC278	266-278mm Ø	W1	1
	SC291	279-291mm Ø	W1	1
	SC304	292-304mm Ø	W1	1
	SC317	304-317mm Ø	W1	1
	SC330	317-330mm Ø	W1	1



SUPERCLAMP - Stainless Steel

W4 | All Parts Entirely Made From Stainless Steel AISI304

Group SSC	SUPER CLAMP Zinc-Plated Steel			
	Part number	Clamping range	Material grade	Pack Qty.
STAINLESS STEEL SUPER CLAMP				
	SSC019	17-19mm Ø	W4	1
	SSC020	18-20mm Ø	W4	1
	SSC023	21-23mm Ø	W4	1
	SSC025	23-25mm Ø	W4	1
	SSC026	24-26mm Ø	W4	1
	SSC028	26-28mm Ø	W4	1
	SSC029	27-29mm Ø	W4	1
	SSC032	29-31mm Ø	W4	1
	SSC033	30-33mm Ø	W4	1
	SSC034	31-34mm Ø	W4	1
	SSC035	32-35mm Ø	W4	1
	SSC037	34-37mm Ø	W4	1
	SSC039	36-39mm Ø	W4	1
	SSC041	38-41mm Ø	W4	1
	SSC043	40-43mm Ø	W4	1
	SSC045	42-45mm Ø	W4	1
	SSC047	44-47mm Ø	W4	1
	SSC049	46-49mm Ø	W4	1
	SSC051	48-51mm Ø	W4	1
	SSC053	50-53mm Ø	W4	1
	SSC055	52-55mm Ø	W4	1
	SSC057	54-57mm Ø	W4	1
	SSC059	56-59mm Ø	W4	1
	SSC061	58-61mm Ø	W4	1
	SSC063	60-63mm Ø	W4	1
	SSC065	62-65mm Ø	W4	1
	SSC067	64-67mm Ø	W4	1
	SSC070	66-70mm Ø	W4	1
	SSC073	68-73mm Ø	W4	1
	SSC076	71-76mm Ø	W4	1
	SSC079	74-79mm Ø	W4	1
	SSC082	77-82mm Ø	W4	1
	SSC085	80-85mm Ø	W4	1
	SSC088	83-88mm Ø	W4	1
	SSC091	86-91mm Ø	W4	1
	SSC094	89-94mm Ø	W4	1
	SSC097	92-97mm Ø	W4	1
	SSC100	95-100mm Ø	W4	1
	SSC103	98-103mm Ø	W4	1
	SSC107	101-107mm Ø	W4	1
	SSC112	104-112mm Ø	W4	1
	SSC116	108-116mm Ø	W4	1
	SSC121	113-121mm Ø	W4	1
	SSC125	117-125mm Ø	W4	1
	SSC130	122-130mm Ø	W4	1
	SSC134	126-134mm Ø	W4	1
	SSC139	131-139mm Ø	W4	1
	SSC148	140-148mm Ø	W4	1
	SSC161	149-161mm Ø	W4	1
	SSC174	162-174mm Ø	W4	1
	SSC187	175-187mm Ø	W4	1
	SSC200	188-200mm Ø	W4	1
	SSC213	201-213mm Ø	W4	1
	SSC226	214-226mm Ø	W4	1
	SSC239	227-239mm Ø	W4	1
	SSC252	240-252mm Ø	W4	1
	SSC265	253-265mm Ø	W4	1
	SSC278	266-278mm Ø	W4	1
	SSC291	279-291mm Ø	W4	1
	SSC304	292-304mm Ø	W4	1
	SSC317	304-317mm Ø	W4	1
	SSC330	317-330mm Ø	W4	1



NORMACLAMP® GBS

Heavy-duty clamps for multiple applications

NORMACLAMP® GBS is designed primarily for use in applications where hose clamps must meet stringent requirements. In particular if suction and pressure hoses – complete with plastic or steel inserts and high shore hardness values – are to be connected and attached. They are particularly suitable for use on commercial and

special vehicles. NORMACLAMP® GBS clamps' ability to withstand exceptionally high levels of band tensile force is an outstanding feature. They are also extremely easy to install, whether you're using manual, pneumatic or electrical standard tools.



- 1 Bolt**
New specially designed bolt with integrated spacer and improved performance. The W5 version has a socket head cap bolt
- 2 Reinforced band loops**
ability to withstand much higher torques
- 3 Mechanically locked closure**
no welding spots and no contact corrosion
- 4 Bridge**
hose protection
- 5 Robust band with rounded edges**
prevents injuries and damage to hoses
- 6 Hollow trunnions**
reduces the tensile forces on the bolt and the mechanical lock

Advantages at a glance

- ✓ Failure torques improved by a factor of two
- ✓ Band tensile force levels improved by a factor of three

Applications

- Machine building
- Chemical industry
- Irrigation systems
- Ship manufacturing
- Railway industry
- Automotive industry
- Agricultural machines
- Building machines
- Engine manufacturing
- Pump and filter
- Mining industry

Materials				
W1	W2	W3	W4	W5
X	X		X	X

Material	Corrosion resistance in salt spray testing
W1	Min. 72 h
W2	Min. 72 h
W4	Min. 240 h
W5	Min. 400 h

NORMAclamp® GBS						
Band width	Material thickness in mm					
	W1*	W2	W4	W5	M	SW
18	0.8	0.6	0.6	0.6	6	8
20	1.0	0.8	0.8	0.8	7	10
25	1.0	1.0	1.0	1.0	8	13
30	1.3	1.0	1.0	1.0	10	17

Band tensile force

Numerous test results underline the technical superiority of NORMACLAMP® GBS products over their competitors:

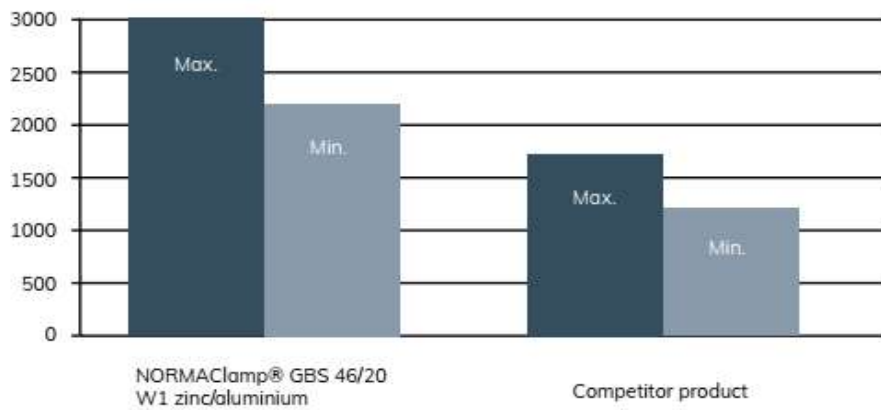


Table of torques					
Band width	Failure torque (minimum) Nm				Recommended tightening torque Nm
	W1*	W2	W4	W5	
18	15	15	15	15	8
20	25	20	20	20	10
25	35	30	30	30	20
30	50	45	45	45	25

*the recommended tightening speed should not exceed 250 rpm

NORMACLAMP® GBS

W1 | All Parts Entirely Made From Galvanised Steel

Group GBS	NORMACLAMP® GBS				
	Part number	Clamping range	Band width	Material grade	Pack Qty.
NORMACLAMP® GBS - Trade Packs					
	GBSW1-019	17-19mm Ø	18.0mm	W1	1
	GBSW1-021	19-21mm Ø	18.0mm	W1	1
	GBSW1-023	21-23mm Ø	18.0mm	W1	1
	GBSW1-025	23-25mm Ø	18.0mm	W1	1
	GBSW1-027	25-27mm Ø	18.0mm	W1	1
	GBSW1-029	27-29mm Ø	18.0mm	W1	1
	GBSW1-031	29-31mm Ø	18.0mm	W1	1
	GBSW1-034	31-34mm Ø	18.0mm	W1	1
	GBSW1-037	34-37mm Ø	18.0mm	W1	1
	GBSW1-040	37-40mm Ø	18.0mm	W1	1
	GBSW1-043	40-43mm Ø	18.0mm	W1	1
	GBSW1-047	43-47mm Ø	20.0mm	W1	1
	GBSW1-051	47-51mm Ø	20.0mm	W1	1
	GBSW1-055	51-55mm Ø	20.0mm	W1	1
	GBSW1-059	55-59mm Ø	20.0mm	W1	1
	GBSW1-063	59-63mm Ø	20.0mm	W1	1
	GBSW1-068	63-68mm Ø	20.0mm	W1	1
	GBSW1-073	68-73mm Ø	25.0mm	W1	1
	GBSW1-079	73-79mm Ø	25.0mm	W1	1
	GBSW1-085	79-85mm Ø	25.0mm	W1	1
	GBSW1-091	85-91mm Ø	25.0mm	W1	1
	GBSW1-097	91-97mm Ø	25.0mm	W1	1
	GBSW1-104	97-104mm Ø	25.0mm	W1	1
	GBSW1-112	104-112mm Ø	25.0mm	W1	1
	GBSW1-121	112-121mm Ø	25.0mm	W1	1
	GBSW1-130	121-130mm Ø	25.0mm	W1	1
	GBSW1-140	130-140mm Ø	25.0mm	W1	1
	GBSW1-150	140-150mm Ø	25.0mm	W1	1
	GBSW1-162	150-162mm Ø	25.0mm	W1	1
	GBSW1-174	162-174mm Ø	25.0mm	W1	1
	GBSW1-187	174-187mm Ø	25.0mm	W1	1
	GBSW1-200	187-200mm Ø	25.0mm	W1	1
	GBSW1-213	200-213mm Ø	25.0mm	W1	1
	GBSW1-226	213-226mm Ø	25.0mm	W1	1
	GBSW1-239	226-239mm Ø	25.0mm	W1	1
	GBSW1-252	239-252mm Ø	25.0mm	W1	1



NORMACLAMP® GBS

W2 | Band And Housing: Stainless Steel AISI 430 | Bolt: Galvanised Steel

Group GBS	NORMACLAMP® GBS				
	Part number	Clamping range	Band width	Material grade	Pack Qty.
NORMACLAMP® GBS - Trade Packs					
	GBSW2-019	17-19mm Ø	18.0mm	W2	1
	GBSW2-021	19-21mm Ø	18.0mm	W2	1
	GBSW2-023	21-23mm Ø	18.0mm	W2	1
	GBSW2-025	23-25mm Ø	18.0mm	W2	1
	GBSW2-027	25-27mm Ø	18.0mm	W2	1
	GBSW2-029	27-29mm Ø	18.0mm	W2	1
	GBSW2-031	29-31mm Ø	18.0mm	W2	1
	GBSW2-034	31-34mm Ø	18.0mm	W2	1
	GBSW2-037	34-37mm Ø	18.0mm	W2	1
	GBSW2-040	37-40mm Ø	18.0mm	W2	1
	GBSW2-043	40-43mm Ø	18.0mm	W2	1
	GBSW2-047	43-47mm Ø	20.0mm	W2	1
	GBSW2-051	47-51mm Ø	20.0mm	W2	1
	GBSW2-055	51-55mm Ø	20.0mm	W2	1
	GBSW2-059	55-59mm Ø	20.0mm	W2	1
	GBSW2-063	59-63mm Ø	20.0mm	W2	1
	GBSW2-068	63-68mm Ø	20.0mm	W2	1
	GBSW2-073	68-73mm Ø	25.0mm	W2	1
	GBSW2-079	73-79mm Ø	25.0mm	W2	1
	GBSW2-085	79-85mm Ø	25.0mm	W2	1
	GBSW2-091	85-91mm Ø	25.0mm	W2	1
	GBSW2-097	91-97mm Ø	25.0mm	W2	1
	GBSW2-104	97-104mm Ø	25.0mm	W2	1
	GBSW2-112	104-112mm Ø	25.0mm	W2	1
	GBSW2-121	112-121mm Ø	25.0mm	W2	1
	GBSW2-130	121-130mm Ø	25.0mm	W2	1
	GBSW2-140	130-140mm Ø	30.0mm	W2	1
	GBSW2-150	140-150mm Ø	30.0mm	W2	1
	GBSW2-162	150-162mm Ø	30.0mm	W2	1
	GBSW2-174	162-174mm Ø	30.0mm	W2	1
	GBSW2-187	174-187mm Ø	30.0mm	W2	1
	GBSW2-200	187-200mm Ø	30.0mm	W2	1
	GBSW2-213	200-213mm Ø	30.0mm	W2	1
	GBSW2-226	213-226mm Ø	30.0mm	W2	1
	GBSW2-239	226-239mm Ø	30.0mm	W2	1
	GBSW2-252	239-252mm Ø	30.0mm	W2	1



NORMACLAMP® GBS

W4 | All Parts Entirely Made From Stainless Steel AISI 304

Group GBS	NORMACLAMP® GBS				
	Part number	Clamping range	Band width	Material grade	Pack Qty.
NORMACLAMP® GBS - Trade Packs					
	GBSW4-019	17-19mm Ø	18.0mm	W4	1
	GBSW4-021	19-21mm Ø	18.0mm	W4	1
	GBSW4-023	21-23mm Ø	18.0mm	W4	1
	GBSW4-025	23-25mm Ø	18.0mm	W4	1
	GBSW4-027	25-27mm Ø	18.0mm	W4	1
	GBSW4-029	27-29mm Ø	18.0mm	W4	1
	GBSW4-031	29-31mm Ø	18.0mm	W4	1
	GBSW4-034	31-34mm Ø	18.0mm	W4	1
	GBSW4-037	34-37mm Ø	18.0mm	W4	1
	GBSW4-040	37-40mm Ø	18.0mm	W4	1
	GBSW4-043	40-43mm Ø	18.0mm	W4	1
	GBSW4-047	43-47mm Ø	20.0mm	W4	1
	GBSW4-051	47-51mm Ø	20.0mm	W4	1
	GBSW4-055	51-55mm Ø	20.0mm	W4	1
	GBSW4-059	55-59mm Ø	20.0mm	W4	1
	GBSW4-063	59-63mm Ø	20.0mm	W4	1
	GBSW4-068	63-68mm Ø	20.0mm	W4	1
	GBSW4-073	68-73mm Ø	25.0mm	W4	1
	GBSW4-079	73-79mm Ø	25.0mm	W4	1
	GBSW4-085	79-85mm Ø	25.0mm	W4	1
	GBSW4-091	85-91mm Ø	25.0mm	W4	1
	GBSW4-097	91-97mm Ø	25.0mm	W4	1
	GBSW4-104	97-104mm Ø	25.0mm	W4	1
	GBSW4-112	104-112mm Ø	25.0mm	W4	1
	GBSW4-121	112-121mm Ø	25.0mm	W4	1
	GBSW4-130	121-130mm Ø	25.0mm	W4	1
	GBSW4-140	130-140mm Ø	30.0mm	W4	1
	GBSW4-150	140-150mm Ø	30.0mm	W4	1
	GBSW4-162	150-162mm Ø	30.0mm	W4	1
	GBSW4-174	162-174mm Ø	30.0mm	W4	1
	GBSW4-187	174-187mm Ø	30.0mm	W4	1
	GBSW4-200	187-200mm Ø	30.0mm	W4	1
	GBSW4-213	200-213mm Ø	30.0mm	W4	1
	GBSW4-226	213-226mm Ø	30.0mm	W4	1
	GBSW4-239	226-239mm Ø	30.0mm	W4	1
	GBSW4-252	239-252mm Ø	30.0mm	W4	1
	GBSW4-265	252-265mm Ø	30.0mm	W4	1
	GBSW4-278	265-278mm Ø	30.0mm	W4	1
	GBSW4-291	278-291mm Ø	30.0mm	W4	1
	GBSW4-304	291-304mm Ø	30.0mm	W4	1
	GBSW4-317	304-317mm Ø	30.0mm	W4	1
	GBSW4-330	317-330mm Ø	30.0mm	W4	1



NORMACLAMP® GBS Constant Tension - Trade Packs

Group NORMACT	NORMACLAMP® GBS Constant Tension - Trade Packs				
	Part number	Clamping range	Band width	Material grade	Pack Qty.
	GBSCT065/20CT	55-65mm Ø	20.0mm	W2	10
	GBSCT074/20CT	64-74mm Ø	20.0mm	W2	10
	GBSCT084/20CT	74-84mm Ø	20.0mm	W2	10
	GBSCT098/20CT	88-98mm Ø	20.0mm	W2	10
	GBSCT104/20CT	94-104mm Ø	20.0mm	W2	10
	GBSCT114/20CT	104-114mm Ø	20.0mm	W2	10
	GBSCT122/20CT	112-122mm Ø	20.0mm	W2	10
	GBSCT140/20CT	130-140mm Ø	20.0mm	W2	10



NORMACLAMP® GBS 75 Piece Wall Merchandiser

NORMACLAMP® GBS 75 Piece Wall Merchandiser				
Group GBS	Part number	Item description	Material grade	Unit Qty.
	GBSM75W1	17-19mm to 112-121mm Ø W1	W1	1
	GBSM75W2	17-19mm to 112-121mm Ø W2	W2	1
	GBSM75W4	17-19mm to 112-121mm Ø W4	W4	1
Contents / refill parts				
Clamping range	Band Width	Merchandiser Qty		
17-19mm Ø	18.0mm	4		
21-23mm Ø	18.0mm	4		
27-29mm Ø	18.0mm	4		
29-31mm Ø	18.0mm	4		
31-34mm Ø	18.0mm	4		
34-37mm Ø	18.0mm	4		
37-40mm Ø	18.0mm	4		
40-43mm Ø	18.0mm	4		
43-47mm Ø	20.0mm	4		
47-51mm Ø	20.0mm	4		
51-55mm Ø	20.0mm	4		
55-59mm Ø	20.0mm	4		
59-63mm Ø	20.0mm	4		
63-68mm Ø	20.0mm	4		
68-73mm Ø	25.0mm	4		
73-79mm Ø	25.0mm	3		
79-85mm Ø	25.0mm	3		
85-91mm Ø	25.0mm	3		
104-112mm Ø	25.0mm	3		
112-121mm Ø	25.0mm	3		



NORMACLAMP® GBS - 205 Piece Modular Tilt Bin Merchandiser

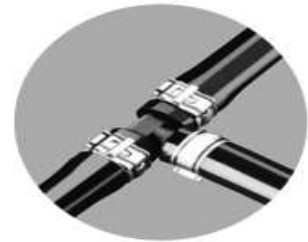
NORMACLAMP® GBS - 205 Piece Modular Tilt Bin Merchandiser				
Group GBS	Part number	Item description	Material grade	Unit Qty.
	GBS205W1	27 - 29mm TO 121 - 130mm Ø W1	W1	1
	GBS205W2	27 - 29mm TO 121 - 130mm Ø W2	W2	1
	GBS205W4	27 - 29mm TO 121 - 130mm Ø W4	W4	1
Contents / refill parts				
Clamping range	Band Width	Merchandiser Qty		
27-29mm Ø	18.0mm	20		
29-31mm Ø	18.0mm	20		
31-34mm Ø	18.0mm	20		
37-40mm Ø	18.0mm	20		
40-43mm Ø	18.0mm	10		
43-47mm Ø	20.0mm	10		
47-51mm Ø	20.0mm	10		
51-55mm Ø	20.0mm	10		
55-59mm Ø	20.0mm	10		
59-63mm Ø	20.0mm	10		
63-68mm Ø	20.0mm	10		
68-73mm Ø	25.0mm	10		
73-79mm Ø	25.0mm	10		
79-85mm Ø	25.0mm	10		
85-91mm Ø	25.0mm	10		
104-112mm Ø	25.0mm	5		
112-121mm Ø	25.0mm	5		
121-130mm Ø	25.0mm	5		



NORMACLAMP® Cobra

One piece hose clips

NORMACLAMP® COBRA products are bolt-free, one-piece hose clips. Their low overall height enables precise installation in even the tightest of spaces. NORMACLAMP® COBRA clamps are quick and easy to install.



- 1 **Self-adjusting diameter**
compensation for tolerances at the outer diameter of the hose
- 2 **Colour coding**
a rapid way of visually distinguishing between nominal diameters
- 3 **Protruding tool gripping points**
easy and safe installation
- 4 **Date of manufacture and machine number indicated**
- 5 **Single lock-in point**
installation indicator for easy visual checking
- 6 **Band material with rounded outer edges**
hose protection

Applications

- Irrigation systems
- Machine building
- White goods
- Chemical industry
- Agricultural machines
- Food and beverage industry
- Pneumatic and ventilation lines
- Automotive industry

Advantages at a glance

- ✓ Bolt-free hose clip in one piece
- ✓ Quick, easy and safe installation
- ✓ Maintenance-free fit

Materials				
W1	W2	W3	W4	W5
			X	

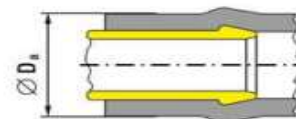
Material	Corrosion resistance in salt spray testing
W4	Min. 240h

Selecting the right nominal diameter

- Push the hose onto the spigot and measure the outer diameter D_o .
- The applicable nominal diameter d_1 is then matched to this outer diameter D_o .

If required, we can send you an appropriate sample before you place your order.

If you have any additional, application-specific questions, we will be happy to advise you in more detail.



NORMACLAMP® Cobra

W4 | All Parts Entirely Made From Stainless Steel AISI 304

Group COBRA	NORMACLAMP® Cobra						
	Part number	Nominal diameter	Clamping range	Band width	Material grade	Colour coding	Pack/ Carton Qty.
NORMACLAMP® Cobra - Cartons							
	CHC7.5/7-100	7.5mm	8-9mm Ø	7.0mm	W4	White	100
	CHC8/7-100	8.0mm	8.5-9.5mm Ø	7.0mm	W4	Yellow	100
	CHC8.5/7-100	8.5mm	9-10mm Ø	7.0mm	W4	Green	100
	CHC9/7-100	9.0mm	9.5-10.5mm Ø	7.0mm	W4	Purple	100
	CHC9.5/7-100	9.5mm	10-11mm Ø	7.0mm	W4	Black	100
	CHC10/7-100	10.0mm	10.5-11.5mm Ø	7.0mm	W4	White	100
	CHC10.5/7-100	10.5mm	11-12mm Ø	7.0mm	W4	Yellow	100
	CHC11/7-100	11.0mm	11.5-12.5mm Ø	7.0mm	W4	Green	100
	CHC11.5/8-100	11.5mm	12-13mm Ø	8.0mm	W4	Purple	100
	CHC12/8-100	12.0mm	12.5-14mm Ø	8.0mm	W4	Black	100
	CHC13/8-100	13.0mm	13.5-15mm Ø	8.0mm	W4	Yellow	100
	CHC14/8-100	14.0mm	14.5-16mm Ø	8.0mm	W4	Purple	100
	CHC15/8-100	15.0mm	15.5-17mm Ø	8.0mm	W4	White	100
	CHC16/8-100	16.0mm	16.5-18mm Ø	8.0mm	W4	Green	100
	CHC17/8-100	17.0mm	17.5-19mm Ø	8.0mm	W4	Black	100
	CHC18/8-100	18.0mm	18.5-20mm Ø	8.0mm	W4	Yellow	100
	CHC19/8-100	19.0mm	19.5-21mm Ø	8.0mm	W4	Purple	100
	CHC20/8-100	20.0mm	20.5-22mm Ø	8.0mm	W4	White	100
	CHC21/8-100	21.0mm	21.5-23mm Ø	8.0mm	W4	Green	100
	CHC22/8-100	22.0mm	22.5-24mm Ø	8.0mm	W4	Black	100
	CHC23/8-100	23.0mm	23.5-25mm Ø	8.0mm	W4	Yellow	100
	CHC24/8-100	24.0mm	24.5-26mm Ø	8.0mm	W4	Purple	100
	CHC25/8-100	25.0mm	25.5-27mm Ø	8.0mm	W4	White	100
	CHC26/8-100	26.0mm	26.5-28mm Ø	8.0mm	W4	Green	100
	CHC27/8-100	27.0mm	27.5-29mm Ø	8.0mm	W4	Black	100
	CHC28/8-100	28.0mm	28.5-30mm Ø	8.0mm	W4	Yellow	100
	CHC29/8-100	29.0mm	29.5-31mm Ø	8.0mm	W4	Purple	100
	CHC30/8-100	30.0mm	30.5-32mm Ø	8.0mm	W4	White	100
	CHC34/9-100	34.0mm	34-36mm Ø	9.0mm	W4	Purple	100
	CHC36/9-100	36.0mm	36-38mm Ø	9.0mm	W4	Green	100



NORMACLAMP® Cobra - Tools

Group TOOLS	NORMACLAMP® Cobra - Tools			Pack Qty.
	Part number	Item description		
	CHT/1	Cobra Pro Installation Tool - Front & side closing. Spr. return.		1
	CHT/2	Cobra Economy Installation Tool - Front closing.		1



NORMACLAMP® Cobra - Grab Kits

W4 | All Parts Entirely Made From Stainless Steel AISI 304

Group COBRA	NORMACLAMP® Cobra - Grab Kits			
	Part number	Item description	Material grade	Unit Qty.
NORMACLAMP® Cobra - 240 Piece Grab Kit - Service and Maintenance				
	CCA240	14.5-16mm to 28.5-30mm Ø Incl. Tool W4	W4	1
Contents / refill parts				
	Clamping range	Band width	Nominal diameter	Kit qty
	14.5-16mm Ø	8.0mm	14.0mm	20
	15.5-17mm Ø	8.0mm	15.0mm	20
	16.5-18mm Ø	8.0mm	16.0mm	20
	17.5-19mm Ø	8.0mm	17.0mm	20
	18.5-20mm Ø	8.0mm	18.0mm	20
	19.5-21mm Ø	8.0mm	19.0mm	20
	20.5-22mm Ø	8.0mm	20.0mm	20
	21.5-23mm Ø	8.0mm	21.0mm	20
	22.5-24mm Ø	8.0mm	22.0mm	20
	26.5-28mm Ø	8.0mm	26.0mm	20
	27.5-29mm Ø	8.0mm	27.0mm	20
	28.5-30mm Ø	8.0mm	28.0mm	20
	Cobra Economy Installation Tool			1



NORMACLAMP® Cobra - 400 Piece Grab Kit - Landscape

	CCA400	15.5-17mm to 27.5-29mm Ø Incl. Tool W4	W4	1
Contents / refill parts				
	Clamping range	Band width	Nominal diameter	Kit qty
	15.5-17mm Ø	8.0mm	15.0mm	200
	21.5-23mm Ø	8.0mm	21.0mm	100
	27.5-29mm Ø	8.0mm	27.0mm	100
	Cobra Economy Installation Tool			1



NORMACLAMP® FBS Spring Band Hose Clips

Material: C 75 S

Group	NORMACLAMP® FBS Spring Band Hose Clips				
	Part number	DN mm	DO MIN mm	Band width	Pack/carton Qty.
NORMACT	NORMACLAMP® FBS Spring Band Hose Clips - Trade Packs				
	FBS/UM5073P	10.0mm	11.0mm	8.0mm	10
	FBS/UM5077P	13.0mm	14.0mm	8.0mm	10
	FBS 13/12P	13.0mm	14.5mm	12.0mm	10
	FBS 14/12P	14.0mm	15.8mm	12.0mm	10
	FBS 15/12P	15.0mm	16.8mm	12.0mm	10
	FBS 16/12P	16.0mm	17.5mm	12.0mm	10
	FBS 17/12P	17.0mm	18.5mm	12.0mm	10
	FBS 18/12P	18.0mm	19.0mm	12.0mm	10
	FBS 19/12P	19.0mm	21.0mm	12.0mm	10
	FBS 20/12P	20.0mm	21.6mm	12.0mm	10
	FBS 21/12P	21.0mm	22.5mm	12.0mm	10
	FBS 22/12P	22.0mm	24.5mm	12.0mm	10
	FBS 23/12P	23.0mm	24.7mm	12.0mm	10
	FBS 24/12P	24.0mm	26.0mm	12.0mm	10
	FBS 25/12P	25.0mm	27.0mm	12.0mm	10
	FBS 26/12P	26.0mm	28.0mm	12.0mm	10
	FBS 27/12P	27.0mm	29.0mm	12.0mm	10
	FBS 28/12P	28.0mm	30.5mm	12.0mm	10
	FBS 29/12P	29.0mm	31.5mm	12.0mm	10
	FBS 30/12P	30.0mm	32.5mm	12.0mm	10
	FBS 32/12P	32.0mm	34.5mm	12.0mm	10
	FBS 35/12P	35.0mm	38.0mm	12.0mm	10
	FBS 36/12P	36.0mm	39.0mm	12.0mm	10
	FBS 38/12P	38.0mm	41.5mm	12.0mm	10
	FBS 40/12P	40.0mm	42.5mm	12.0mm	10
	FBS 42/12P	42.0mm	44.5mm	12.0mm	10
	FBS 44/12P	44.0mm	46.5mm	12.0mm	10
	FBS 46/12P	46.0mm	49.0mm	12.0mm	10
	FBS 47/12P	47.0mm	50.0mm	12.0mm	10
	FBS 50/12P	50.0mm	53.0mm	12.0mm	10
	FBS 55/12P	55.0mm	58.0mm	12.0mm	10
	FBS 60/12P	60.0mm	63.0mm	12.0mm	10
	NORMACLAMP® FBS Spring Band Hose Clips - Cartons				
	FBS/UM5073	10.0mm	11.0mm	8.0mm	100
	FBS/UM5077	13.0mm	14.0mm	8.0mm	100
	FBS 13/12	13.0mm	14.5mm	12.0mm	100
	FBS 14/12	14.0mm	15.8mm	12.0mm	100
	FBS 15/12	15.0mm	16.8mm	12.0mm	100
	FBS 16/12	16.0mm	17.5mm	12.0mm	100
	FBS 17/12	17.0mm	18.5mm	12.0mm	100
	FBS 18/12	18.0mm	19.0mm	12.0mm	100
	FBS 19/12	19.0mm	21.0mm	12.0mm	100
	FBS 20/12	20.0mm	21.6mm	12.0mm	100
	FBS 21/12	21.0mm	22.5mm	12.0mm	100
	FBS 22/12	22.0mm	24.5mm	12.0mm	100
	FBS 23/12	23.0mm	24.7mm	12.0mm	100
	FBS 24/12	24.0mm	26.0mm	12.0mm	100
	FBS 25/12	25.0mm	27.0mm	12.0mm	100
	FBS 26/12	26.0mm	28.0mm	12.0mm	100
	FBS 27/12	27.0mm	29.0mm	12.0mm	100
	FBS 28/12	28.0mm	30.5mm	12.0mm	100
	FBS 29/12	29.0mm	31.5mm	12.0mm	100
	FBS 30/12	30.0mm	32.5mm	12.0mm	100
	FBS 32/12	32.0mm	34.5mm	12.0mm	100
	FBS 35/12	35.0mm	38.0mm	12.0mm	100
	FBS 36/12	36.0mm	39.0mm	12.0mm	100
	FBS 38/12	38.0mm	41.5mm	12.0mm	100
	FBS 40/12	40.0mm	42.5mm	12.0mm	100
	FBS 42/12	42.0mm	44.5mm	12.0mm	100
	FBS 44/12	44.0mm	46.5mm	12.0mm	100
	FBS 46/12	46.0mm	49.0mm	12.0mm	100
	FBS 47/12	47.0mm	50.0mm	12.0mm	100
	FBS 50/12	50.0mm	53.0mm	12.0mm	100
	FBS 55/12	55.0mm	58.0mm	12.0mm	100
	FBS 60/12	60.0mm	63.0mm	12.0mm	100



NORMACLAMP® FBS Tools

Group	NORMACLAMP® FBS Tools		
	Part number	Item description	Unit Qty.
TOOLS	FBSBTL	FBS Pliers	1
	FBS-798-12	FBS Pliers With Intergrated Safety Lever	1



NORMACLAMP® FBS Spring Band Hose Clips - 80 Piece Grab Kit

Material: C 75 S

Group	NORMACLAMP® FBS Spring Band Hose Clips - 80 Piece Grab Kit				Unit Qty.
	Part number	Item description			
NORMACT	FBS80GK			80 Piece FBS Grab Kit	1
Contents / refill parts					
Refill part number	DN mm	DO MIN mm	Band width	Kit Qty.	
FBS 25/12P	25.0mm	27.0mm	12.0mm	5	
FBS 26/12P	26.0mm	28.0mm	12.0mm	5	
FBS 27/12P	27.0mm	29.0mm	12.0mm	5	
FBS 28/12P	28.0mm	30.5mm	12.0mm	5	
FBS 29/12P	29.0mm	31.5mm	12.0mm	5	
FBS 30/12P	30.0mm	32.5mm	12.0mm	5	
FBS 32/12P	32.0mm	34.5mm	12.0mm	5	
FBS 35/12P	35.0mm	38.0mm	12.0mm	5	
FBS 36/12P	36.0mm	39.0mm	12.0mm	5	
FBS 38/12P	38.0mm	41.5mm	12.0mm	5	
FBS 40/12P	40.0mm	42.5mm	12.0mm	5	
FBS 42/12P	42.0mm	44.5mm	12.0mm	5	
FBS 44/12P	44.0mm	46.5mm	12.0mm	5	
FBS 46/12P	46.0mm	49.0mm	12.0mm	5	
FBS 47/12P	47.0mm	50.0mm	12.0mm	5	
FBS 50/12P	50.0mm	53.0mm	12.0mm	5	
FBSBTL	FBS Pliers			1	



NORMACLAMP® FBS Spring Band Hose Clips - 105 Piece Grab Kit

Material: C 75 S

Group	NORMACLAMP® FBS Spring Band Hose Clips - 105 Piece Grab Kit				Unit Qty.
	Part number	Item description			
NORMACT	FBS105GK			105 Piece FBS Grab Kit	1
Contents / refill parts					
Refill part number	DN mm	DO MIN mm	Band width	Kit Qty.	
UM5073P	10.0mm	11.0mm	8.0mm	10	
FBS 13/12P	13.0mm	14.5mm	12.0mm	10	
UM5077P	13.0mm	14.0mm	8.0mm	10	
FBS 14/12P	14.0mm	15.8mm	12.0mm	10	
FBS 15/12P	15.0mm	16.8mm	12.0mm	10	
FBS 16/12P	16.0mm	17.5mm	12.0mm	10	
FBS 17/12P	17.0mm	18.5mm	12.0mm	10	
FBS 18/12P	18.0mm	19.0mm	12.0mm	5	
FBS 19/12P	19.0mm	21.0mm	12.0mm	5	
FBS 20/12P	20.0mm	21.6mm	12.0mm	5	
FBS 21/12P	21.0mm	22.5mm	12.0mm	5	
FBS 22/12P	22.0mm	22.5mm	12.0mm	5	
FBS 23/12P	23.0mm	24.7mm	12.0mm	5	
FBS 24/12P	24.0mm	26.0mm	12.0mm	5	
FBSBTL	FBS Pliers			1	



NORMACLAMP® One Ear Stainless Steel Crimp Clamps - Cartons

167: Stainless Steel, Material No. 1.43.1/UNS S30400

Group	NORMACLAMP® One Ear Stainless Steel Crimp Clamps - Cartons			
	Part number	Clamping range	Ear width inside	Carton Qty.
EARCLAMP	OTK1E058070	5.8 - 7.0mm Ø	4.0mm	100
	OTK1E068080	6.8 - 8.0mm Ø	4.0mm	100
	OTK1E070087	7.0 - 8.7mm Ø	5.5mm	100
	OTK1E073090	7.3 - 9.0mm Ø	5.5mm	100
	OTK1E078095	7.8 - 9.5mm Ø	5.5mm	100
	OTK1E083100	8.3 - 10.0mm Ø	5.5mm	100
	OTK1E088105	8.8 - 10.5mm Ø	5.5mm	100
	OTK1E092109	9.2 - 10.9mm Ø	5.5mm	100
	OTK1E098113	9.6 - 11.3mm Ø	5.5mm	100
	OTK1E101118	10.1 - 11.8mm Ø	5.5mm	100
	OTK1E098123	9.8 - 12.3mm Ø	8.0mm	100
	OTK1E103128	10.3 - 12.8mm Ø	8.0mm	100
	OTK1E108133	10.8 - 13.3mm Ø	8.0mm	100
	OTK1E113138	11.3 - 13.8mm Ø	8.0mm	100
	OTK1E120145	12.0 - 14.5mm Ø	8.0mm	100
	OTK1E123148	12.3 - 14.8mm Ø	8.0mm	100
	OTK1E128153	12.8 - 15.3mm Ø	8.0mm	100
	OTK1E132157	13.2 - 15.7mm Ø	8.0mm	100
	OTK1E141166	14.1 - 16.6mm Ø	8.0mm	100
	OTK1E145170	14.5 - 17.0mm Ø	8.0mm	100
	OTK1E146178	14.6 - 17.8mm Ø	10.0mm	100
	OTK1E153185	15.3 - 18.5mm Ø	10.0mm	100
	OTK1E160192	16.0 - 19.2mm Ø	10.0mm	100
	OTK1E166198	16.6 - 19.8mm Ø	10.0mm	100
	OTK1E178210	17.8 - 21.0mm Ø	10.0mm	100
	OTK1E194226	19.4 - 22.6mm Ø	10.0mm	100
	OTK1E209241	20.9 - 24.1mm Ø	10.0mm	100
	OTK1E239271	23.9 - 27.1mm Ø	10.0mm	100
	OTK1E254286	25.4 - 28.6mm Ø	10.0mm	100
	OTK1E269301	26.9 - 30.1mm Ø	10.0mm	100
	OTK1E284316	28.4 - 31.6mm Ø	10.0mm	100
	OTK1E314346	31.4 - 34.6mm Ø	10.0mm	100



NORMACLAMP® Two Ear Mild Steel Crimp Clamps - Cartons

101: Zinc-Plated Steel, Material No. 1.0338/Sae 1008/1010

NORMACLAMP® Two Ear Mild Steel Crimp Clamps - Cartons				
Group EARCLAMP	Part number	Clamping range	Ear width inside	Carton Qty.
	OTK0304-100	3.1 - 4.1mm Ø	5.0mm	100
	OTK0305-100	3.4 - 5.0mm Ø	5.0mm	100
	OTK0507-100	5.0 - 7.0mm Ø	6.0mm	100
	OTK0709-100	7.0 - 9.0mm Ø	7.0mm	100
	OTK0911-100	9.0 - 11.0mm Ø	7.0mm	100
	OTK1113-100	11.0 - 13.0mm Ø	7.0mm	100
	OTK1315-100	13.0 - 15.0mm Ø	7.5mm	100
	OTK1517-100	15.0 - 17.0mm Ø	8.0mm	100
	OTK1518-100	15.0 - 18.0mm Ø	8.0mm	100
	OTK1619-100	16.0 - 19.0mm Ø	8.0mm	100
	OTK1720-100	17.0 - 20.0mm Ø	8.5mm	100
	OTK1922-100	19.0 - 22.0mm Ø	9.0mm	100
	OTK2023-100	20.0 - 23.0mm Ø	9.0mm	100
	OTK2225-100	22.0 - 25.0mm Ø	10.0mm	100
	OTK2327-100	23.0 - 27.0mm Ø	10.0mm	100
	OTK2528-100	25.0 - 28.0mm Ø	10.0mm	100
	OTK2831-100	28.0 - 31.0mm Ø	10.0mm	100
	OTK3134-100	31.0 - 34.0mm Ø	10.0mm	100
	OTK3437-100	34.0 - 37.0mm Ø	10.0mm	100
	OTK3740-100	37.0 - 40.0mm Ø	10.0mm	100
	OTK4043-100	40.0 - 43.0mm Ø	10.0mm	100
	OTK4346-100	43.0 - 46.0mm Ø	10.0mm	100



NORMACLAMP® Two Ear Stainless Steel Crimp Clamps

151: Stainless Steel, Material No. 1.43.1/UNS S30400

NORMACLAMP® Two Ear Stainless Steel Crimp Clamps - Cartons				
Group EARCLAMP	Part number	Clamping range	Ear width inside	Carton Qty.
	OTK0305R-100	3.0 - 5.0mm Ø	6.0mm	100
	OTK0507R-100	5.0 - 7.0mm Ø	6.0mm	100
	OTK0709R-100	7.0 - 9.0mm Ø	7.0mm	100
	OTK0911R-100	9.0 - 11.0mm Ø	7.0mm	100
	OTK1113R-100	11.0 - 13.0mm Ø	7.0mm	100
	OTK1315R-100	13.0 - 15.0mm Ø	7.5mm	100
	OTK1517R-100	15.0 - 17.0mm Ø	8.0mm	100
	OTK1518R-100	15.0 - 18.0mm Ø	8.0mm	100
	OTK1720R-100	17.0 - 20.0mm Ø	8.5mm	100
	OTK1922R-100	19.0 - 22.0mm Ø	9.0mm	100
	OTK2023R-100	20.0 - 23.0mm Ø	9.0mm	100
	OTK2225R-100	22.0 - 25.0mm Ø	10.0mm	100
	OTK2327R-100	23.0 - 27.0mm Ø	10.0mm	100
	OTK2528R-100	25.0 - 28.0mm Ø	10.0mm	100
	OTK2831R-100	28.0 - 31.0mm Ø	10.0mm	100
	OTK3134R-100	31.0 - 34.0mm Ø	10.0mm	100
	OTK3437R-100	34.0 - 37.0mm Ø	10.0mm	100
	OTK3740R-100	37.0 - 40.0mm Ø	10.0mm	100
	OTK4043R-100	40.0 - 43.0mm Ø	10.0mm	100



NORMACLAMP® Ear Clamp - Tools

NORMACLAMP® Ear Clamp - Tools			
Group EARCLAMP	Part number	Item description	Unit Qty.
	OTKPIN	Ear Clamp Pincer - Standard	1
	OTKTOOL	Ear Clamp Pincer - Side Closing	1



NORMACLAMP® One Ear Stainless Steel Crimp Clamps - 150 Grab Kit

167: Stainless Steel, Material No. 1.43.1/UNS S30400

NORMACLAMP® One Ear Stainless Steel Crimp Clamps - 150 Grab Kit			
Group EARCLAMP	Part number	Item description	Unit Qty.
	OTK1E-KIT	7.3-9mm to 23.9-27.1mm Ø Incl. Tool S/Steel	1

Contents / refill parts			
Clamping range	Ear width inside	Kit Qty.	
7.3 - 9.0mm Ø	5.5mm	20	
9.6 - 11.3mm Ø	5.5mm	20	
10.8 - 13.3mm Ø	8.0mm	20	
12.8 - 15.3mm Ø	8.0mm	20	
14.5 - 17.0mm Ø	8.0mm	20	
16.6 - 19.8mm Ø	10.0mm	20	
19.4 - 22.6mm Ø	10.0mm	20	
23.9 - 27.1mm Ø	10.0mm	10	
Ear Clamp Pincer - Standard		1	



NORMACLAMP® Two Ear Mild Steel Crimp Clamps - 130 Grab Kit

101: Zinc-Plated Steel, Material No. 1.0338/Sae 1008/1010

NORMACLAMP® Two Ear Mild Steel Crimp Clamps - 130 Grab Kit			
Group	Part number	Item description	Unit Qty.
EARCLAMP	OTKKIT01	7-9mm to 23-27mm Ø Mild Steel	1
Contents / refill parts			
	Clamping range	Ear width inside	Kit Qty.
	7.0 - 9.0mm Ø	7.0mm	20
	9.0 - 11.0mm Ø	7.0mm	20
	11.0 - 13.0mm Ø	7.0mm	20
	13.0 - 15.0mm Ø	7.5mm	20
	15.0 - 18.0mm Ø	8.0mm	20
	17.0 - 20.0mm Ø	8.5mm	10
	20.0 - 23.0mm Ø	9.0mm	10
	23.0 - 27.0mm Ø	10.0mm	10



NORMACLAMP® Two Ear Mild Steel Crimp Clamps - 150 Grab Kit

101: Zinc-Plated Steel, Material No. 1.0338/Sae 1008/1010

NORMACLAMP® Two Ear Mild Steel Crimp Clamps - 150 Grab Kit			
Group	Part number	Item description	Unit Qty.
EARCLAMP	OTKKIT02	7-9mm to 23-27mm Ø Incl. Tool Mild Steel	1
Contents / refill parts			
	Clamping range	Ear width inside	Kit Qty.
	7.0 - 9.0mm Ø	7.0mm	20
	9.0 - 11.0mm Ø	7.0mm	20
	11.0 - 13.0mm Ø	7.0mm	20
	13.0 - 15.0mm Ø	7.5mm	20
	15.0 - 18.0mm Ø	8.0mm	20
	17.0 - 20.0mm Ø	8.5mm	20
	20.0 - 23.0mm Ø	9.0mm	20
	23.0 - 27.0mm Ø	10.0mm	10
	Ear Clamp Pincer - Standard		1



NORMAFIX® RSGU - Heavy Duty

W1 | All Parts Entirely Made From Galvanised Steel | 6.0mm/8.0mm/10.0mm/13.0mm Hole | Rubber Lined | Heavy Duty

NORMAFIX® RSGU - Heavy Duty						
Group PCLIP	Part number	Band width	Mounting hole size	Clamping range	Material grade	Pack/Carton Qty.
NORMAFIX® RSGU - Trade Packs						
	RSGU1-4/15P	15.0mm	6.0mm	4.0mm	W1	10
	RSGU1-6/15P	15.0mm	6.0mm	6.0mm	W1	10
	RSGU1-9/15P	15.0mm	6.0mm	9.0mm	W1	10
	RSGU1-10/15P	15.0mm	6.0mm	10.0mm	W1	10
	RSGU1-12/15P	15.0mm	6.0mm	12.0mm	W1	10
	RSGU1-13/15P	15.0mm	6.0mm	13.0mm	W1	10
	RSGU1-15/15P	15.0mm	6.0mm	15.0mm	W1	10
	RSGU1-16/15P	15.0mm	6.0mm	16.0mm	W1	10
	RSGU1-18/15P	15.0mm	6.0mm	18.0mm	W1	10
	RSGU1-19/15P	15.0mm	6.0mm	19.0mm	W1	10
	RSGU1-20/15P	15.0mm	6.0mm	20.0mm	W1	10
	RSGU1-22/15P	15.0mm	6.0mm	22.0mm	W1	10
	RSGU1-25/15P	15.0mm	6.0mm	25.0mm	W1	10
	RSGU1-27/15P	15.0mm	6.0mm	27.0mm	W1	10
	RSGU1-29/15P	15.0mm	6.0mm	29.0mm	W1	10
	RSGU1-32/15P	15.0mm	6.0mm	32.0mm	W1	10
	RSGU1-35/15P	15.0mm	6.0mm	35.0mm	W1	10
	RSGU1-38/15P	15.0mm	6.0mm	38.0mm	W1	10
	RSGU1-40/15P	15.0mm	6.0mm	40.0mm	W1	10
	RSGU1-45/15P	15.0mm	6.0mm	45.0mm	W1	5
	RSGU1-48/15P	15.0mm	6.0mm	48.0mm	W1	5
	RSGU1-50/15P	15.0mm	6.0mm	50.0mm	W1	5
	RSGU1-54/15P	15.0mm	6.0mm	54.0mm	W1	5
	RSGU1-57/15P	20.0mm	8.0mm	57.0mm	W1	5
	RSGU1-60/15P	20.0mm	8.0mm	60.0mm	W1	5
	RSGU1-64/15P	20.0mm	8.0mm	64.0mm	W1	5
	RSGU1-66/15P	20.0mm	8.0mm	66.0mm	W1	5
	RSGU1-76/15P	20.0mm	8.0mm	76.0mm	W1	5
	RSGU1-0616/10-W1	16.0mm	10.0mm	6.0mm	W1	10
	RSGU1-0916/10-W1	16.0mm	10.0mm	9.0mm	W1	10
	RSGU1-1016/10-W1	16.0mm	10.0mm	10.0mm	W1	10
	RSGU1-1316/10-W1	16.0mm	10.0mm	13.0mm	W1	10
	RSGU1-1510/10-W1	16.0mm	10.0mm	15.0mm	W1	10
	RSGU1-1616/10-W1	16.0mm	10.0mm	16.0mm	W1	10
	RSGU1-1816/10-W1	16.0mm	10.0mm	18.0mm	W1	10
	RSGU1-1916/10-W1	16.0mm	10.0mm	19.0mm	W1	10
	RSGU1-2016/10-W1	16.0mm	10.0mm	20.0mm	W1	10
	RSGU1-2216/10-W1	16.0mm	10.0mm	22.0mm	W1	10
	RSGU1-2516/10-W1	16.0mm	10.0mm	25.0mm	W1	10
	RSGU1-2716/10-W1	16.0mm	10.0mm	27.0mm	W1	10
	RSGU1-2916/10-W1	16.0mm	10.0mm	29.0mm	W1	10
	RSGU1-3216/10-W1	16.0mm	10.0mm	32.0mm	W1	10
	RSGU1-3516/10-W1	16.0mm	10.0mm	35.0mm	W1	10
	RSGU1-3816/10-W1	16.0mm	10.0mm	38.0mm	W1	10
	RSGU1-5116/10-W1	16.0mm	10.0mm	51.0mm	W1	10
	RSGU1-131319R1	19.0mm	13.0mm	13.0mm	W1	10
	RSGU1-161319R1	19.0mm	13.0mm	16.0mm	W1	10
	RSGU1-191319R1	19.0mm	13.0mm	19.0mm	W1	10
	RSGU1-221319R1	19.0mm	13.0mm	22.0mm	W1	10
	RSGU1-251319R1	19.0mm	13.0mm	25.0mm	W1	10
	RSGU1-321319R1	19.0mm	13.0mm	32.0mm	W1	10
	RSGU1-361319R1	19.0mm	13.0mm	36.0mm	W1	10
	RSGU1-381319R1	19.0mm	13.0mm	38.0mm	W1	10
	RSGU1-431319R1	19.0mm	13.0mm	43.0mm	W1	10
	RSGU1-471319R1	19.0mm	13.0mm	47.0mm	W1	10
	RSGU1-511319R1	19.0mm	13.0mm	51.0mm	W1	10
	RSGU1-641319R1	19.0mm	13.0mm	64.0mm	W1	10



NORMAFIX® RSGU - Heavy Duty

W5 | All Parts Entirely Made From Stainless Steel AISI 316 | 6.0mm Hole | Rubber Lined | Heavy Duty

NORMAFIX® RSGU - Heavy Duty						
Group PCLIP	Part number	Band width	Mounting hole size	Clamping range	Material grade	Pack Qty.
	RSGU1-6/15-W5	15.0mm	6.0mm	6.0mm	W5	10
	RSGU1-8/15-W5	15.0mm	6.0mm	8.0mm	W5	10
	RSGU1-10/15-W5	15.0mm	6.0mm	10.0mm	W5	10
	RSGU1-12/15-W5	15.0mm	6.0mm	12.0mm	W5	10
	RSGU1-14/15-W5	15.0mm	6.0mm	14.0mm	W5	10
	RSGU1-15/15-W5	15.0mm	6.0mm	15.0mm	W5	10
	RSGU1-16/15-W5	15.0mm	6.0mm	16.0mm	W5	10
	RSGU1-17/15-W5	15.0mm	6.0mm	17.0mm	W5	10
	RSGU1-18/15-W5	15.0mm	6.0mm	18.0mm	W5	10
	RSGU1-22/15-W5	15.0mm	6.0mm	22.0mm	W5	10
	RSGU1-25/15-W5	15.0mm	6.0mm	25.0mm	W5	10
	RSGU1-28/15-W5	15.0mm	6.0mm	28.0mm	W5	10
	RSGU1-29/15-W5	15.0mm	6.0mm	29.0mm	W5	10
	RSGU1-30/15-W5	15.0mm	6.0mm	30.0mm	W5	10
	RSGU1-32/15-W5	15.0mm	6.0mm	32.0mm	W5	10
	RSGU1-38/15-W5	15.0mm	6.0mm	38.0mm	W5	10
	RSGU1-50/15-W5	15.0mm	6.0mm	50.0mm	W5	10
	RSGU1-65/15-W5	15.0mm	6.0mm	65.0mm	W5	10



NORMAFIX® RSGU Vinyl Coated - Trade Packs

W1 | All Parts Entirely Made From Galvanised Steel | 10.0mm & 13.0mm Holes | Vinyl Coated | Heavy Duty

NORMAFIX® RSGU Vinyl Coated - Trade Packs						
Group PCLIP	Part number	Band width	Mounting hole size	Clamping range	Material grade	Pack Qty.
10.0mm Holes						
	RSGU1-081019W1	19.0mm	10.0mm	8.0mm	W1	10
	RSGU1-101019W1	19.0mm	10.0mm	10.0mm	W1	10
	RSGU1-131019W1	19.0mm	10.0mm	13.0mm	W1	10
	RSGU1-141019W1	19.0mm	10.0mm	14.0mm	W1	10
	RSGU1-161019W1	19.0mm	10.0mm	16.0mm	W1	10
	RSGU1-181019W1	19.0mm	10.0mm	18.0mm	W1	10
	RSGU1-191019W1	19.0mm	10.0mm	19.0mm	W1	10
	RSGU1-201019W1	19.0mm	10.0mm	20.0mm	W1	10
	RSGU1-221019W1	19.0mm	10.0mm	22.0mm	W1	10
	RSGU1-241019W1	19.0mm	10.0mm	24.0mm	W1	10
	RSGU1-251019W1	19.0mm	10.0mm	25.0mm	W1	10
	RSGU1-271019W1	19.0mm	10.0mm	27.0mm	W1	10
	RSGU1-291019W1	19.0mm	10.0mm	29.0mm	W1	10
	RSGU1-321019W1	19.0mm	10.0mm	32.0mm	W1	10
	RSGU1-361019W1	19.0mm	10.0mm	36.0mm	W1	10
	RSGU1-381019W1	19.0mm	10.0mm	38.0mm	W1	10
	RSGU1-421019W1	19.0mm	10.0mm	42.0mm	W1	10
	RSGU1-511019W1	19.0mm	10.0mm	51.0mm	W1	10
13.0mm Holes						
	RSGU1-131319W1	19.0mm	13.0mm	13.0mm	W1	10
	RSGU1-171319W1	19.0mm	13.0mm	17.0mm	W1	10
	RSGU1-211319W1	19.0mm	13.0mm	21.0mm	W1	10
	RSGU1-271325W1	25.0mm	13.0mm	27.0mm	W1	10
	RSGU1-291325W1	25.0mm	13.0mm	29.0mm	W1	10
	RSGU1-321325W1	25.0mm	13.0mm	32.0mm	W1	10
	RSGU1-381325W1	25.0mm	13.0mm	38.0mm	W1	10
	RSGU1-401325W1	25.0mm	13.0mm	40.0mm	W1	10
	RSGU1-441325W1	25.0mm	13.0mm	44.0mm	W1	10
	RSGU1-511325W1	25.0mm	13.0mm	51.0mm	W1	10
	RSGU1-571325W1	25.0mm	13.0mm	57.0mm	W1	10
	RSGU1-641325W1	25.0mm	13.0mm	64.0mm	W1	10
	RSGU1-731325W1	25.0mm	13.0mm	73.0mm	W1	10



NORMAFIX® RSGU - 85 Piece Grab Kit

NORMAFIX® RSGU - 85 Piece Grab Kit				
Group PCLIP	Part number	Item description	Unit Qty.	
	RSGU85	85 Piece Grab Kit 4mm To 25mm Ø W1	1	
Contents / refill parts				
	Band width	Mounting hole size	Clamping range	
			Merchandise Qty.	
	15.0mm	6.0mm	4.0mm	10
	15.0mm	6.0mm	6.0mm	10
	15.0mm	6.0mm	9.0mm	10
	15.0mm	6.0mm	10.0mm	10
	15.0mm	6.0mm	12.0mm	10
	15.0mm	6.0mm	13.0mm	10
	15.0mm	6.0mm	15.0mm	5
	15.0mm	6.0mm	16.0mm	5
	15.0mm	6.0mm	18.0mm	5
	15.0mm	6.0mm	20.0mm	5
	15.0mm	6.0mm	22.0mm	5
	15.0mm	6.0mm	25.0mm	5



NORMAFIX® RSGU - 90 Piece Grab Kit

NORMAFIX® RSGU - 90 Piece Grab Kit			
Group PCLIP	Part number	Item description	Unit Qty.
	RSGU90	90 Piece Grab Kit 9mm To 32mm Ø W1	1
Contents / refill parts			
Band width	Mounting hole size	Clamping range	Merchandise Qty.
15.0mm	6.0mm	9.0mm	15
15.0mm	6.0mm	10.0mm	10
15.0mm	6.0mm	13.0mm	10
15.0mm	6.0mm	16.0mm	10
15.0mm	6.0mm	19.0mm	10
15.0mm	6.0mm	22.0mm	10
15.0mm	6.0mm	27.0mm	10
15.0mm	6.0mm	32.0mm	10



NORMAFIX® RSGU - 440 Piece Modular Tilt Bin Merchandise

NORMAFIX® RSGU - 440 Piece Modular Tilt Bin Merchandise			
Group PCLIP	Part number	Item description	Unit Qty.
	RSGU440	440 Piece Modular Tilt Bin Merchandise 4mm To 27mm Ø W1	1
Contents / refill parts			
Band width	Mounting hole size	Clamping range	Merchandise Qty.
15.0mm	6.0mm	4.0mm	50
15.0mm	6.0mm	6.0mm	50
15.0mm	6.0mm	9.0mm	50
15.0mm	6.0mm	10.0mm	40
15.0mm	6.0mm	12.0mm	40
15.0mm	6.0mm	13.0mm	40
15.0mm	6.0mm	15.0mm	40
15.0mm	6.0mm	16.0mm	30
15.0mm	6.0mm	19.0mm	20
15.0mm	6.0mm	20.0mm	20
15.0mm	6.0mm	22.0mm	20
15.0mm	6.0mm	25.0mm	20
15.0mm	6.0mm	27.0mm	20



NORMAFIX® Plain Banding

CRNI - 304 Stainless Steel / CRNIMO - 316 Stainless Steel

NORMAFIX® Plain Banding					
Group BANDING	Part number	Band width	Band thickness	Material grade	Unit Qty.
	NC202	6.4mm-1/4"	0.50mm-.020"	S/STEEL CRNI	30MTRS
	NC203	9.5mm-3/8"	0.64mm-.025"	S/STEEL CRNI	30MTRS
	NC204	12.7mm-1/2"	0.75mm-.030"	S/STEEL CRNI	30MTRS
	NC205	16.0mm-5/8"	0.75mm-.030"	S/STEEL CRNI	30MTRS
	NC206	19.0mm-3/4"	0.75mm-.030"	S/STEEL CRNI	30MTRS
	NC403	9.5mm-3/8"	0.64mm-.025"	S/STEEL CRNIMO	30MTRS
	NC404	12.7mm-1/2"	0.75mm-.030"	S/STEEL CRNIMO	30MTRS
	NC405	16.0mm-5/8"	0.75mm-.030"	S/STEEL CRNIMO	30MTRS
	NC406	19.0mm-3/4"	0.75mm-.030"	S/STEEL CRNIMO	30MTRS
BANDING SUPPLIED IN PLASTIC CARRY CASE					
	NC803	9.5mm-3/8"	0.64mm-.025"	S/STEEL CRNI	30MTRS
	NC804	12.7mm-1/2"	0.75mm-.030"	S/STEEL CRNI	30MTRS
	NC805	16.0mm-5/8"	0.75mm-.030"	S/STEEL CRNI	30MTRS
	NC806	19.0mm-3/4"	0.75mm-.030"	S/STEEL CRNI	30MTRS



NORMAFIX® Buckles

To Suit NORMAFIX® Bandimex Plain Banding

NORMAFIX® Buckles				
Group BANDING	Part number	Band width	Material grade	Pack Qty.
	NC252	6.4mm-1/4"	S/STEEL CRNI	100
	NC253	9.5mm-3/8"	S/STEEL CRNI	100
	NC254	12.7mm-1/2"	S/STEEL CRNI	100
	NC255	16.0mm-5/8"	S/STEEL CRNI	100
	NC256	19.0mm-3/4"	S/STEEL CRNI	100
	NC452	6.4mm-1/4"	S/STEEL CRNIMO	100
	NC453	9.5mm-3/8"	S/STEEL CRNIMO	100
	NC454	12.7mm-1/2"	S/STEEL CRNIMO	100
	NC455	16.0mm-5/8"	S/STEEL CRNIMO	100
	NC456	19.0mm-3/4"	S/STEEL CRNIMO	100



NORMAFIX® Screw Buckles

For Retensioning Clamps

NORMAFIX® Screw Buckles				
Group BANDING	Part number	Band width	Material grade	Pack Qty.
	NC722	9.5mm-3/8"	S/STEEL CRNI	50
	NC724	12.7mm-1/2"	S/STEEL CRNI	25
	NC726	19.0mm-3/4"	S/STEEL CRNI	25



NORMAFIX® Jumbo Band

Group BANDING	NORMAFIX® Jumbo Band				
	Part number	Band width	Band thickness	Material grade	Unit Qty.
	NC430	19.0mm-3/4"	1.2mm-0.47"	S/STEEL CRNI	30MTRS
	NC431	25.0mm-1"	1.0mm-.040"	S/STEEL CRNI	30MTRS
	NC432	32.0mm-1 1/4"	1.0mm-.040"	S/STEEL CRNI	30MTRS



NORMAFIX® Jumbo Buckles

To Suit NORMAFIX® Bandimex Jumbo Banding

Group BANDING	NORMAFIX® Jumbo Buckles			
	Part number	Band width	Material grade	Pack Qty.
	NC440	19.0mm-3/4"	S/STEEL CRNI	25
	NC441	25.0mm-1"	S/STEEL CRNI	25
	NC442	32.0mm-1 1/4"	S/STEEL CRNI	25



NORMAFIX® Free End Clamps

Group BANDING	NORMAFIX® Free End Clamps				
	Part number	Band width	Band thickness	Material grade	Pack Qty.
	NCE204	6.4mm	360.0mm	S/STEEL CRNI	50
	NCE207	6.4mm	480.0mm	S/STEEL CRNI	50
	NCE209	6.4mm	520.0mm	S/STEEL CRNI	50



NORMAFIX® Quick Release

Adjustable buckle that enables quick and easy (dis-) assembly. Can be used with 16mm & 19mm bandwidth plain banding.

Group BANDING	NORMAFIX® Quick Release		
	Part number	diameter	Pack Qty.
	NCQRB124	100-124mm	20
	NCQRB400	125-400mm	20
	NCQRB800	400-800mm	20



NORMAFIX® Wormdrive Seal

Group BANDING	NORMAFIX® Wormdrive Seal			
	Part number	To suit	Material grade	Pack Qty.
	NCA220	3.8"(9.5) Plain Band	S/STEEL CRNI	10



NORMAFIX® Tools

Group BANDING	NORMAFIX® Tools			Unit Qty.
	Part number	Item description		
	NC001	Tightening & Cutting Tool, 1 Ton		1
	NC101	POCKET - TIGHTENING & CUTTING t/s CLAMPS WITH Band width 1/4" AND 3/8"		1
	NC401	Jumbo Tightening Tool, 2.5 Ton		1
	NC002	Adaptor For Use In A Vise (With Tool - NC001) For Pre-Form Clamps		1



Flex-O-Metre

Group NORMETTA	Flex-O-Metre					
	Part number	Material grade	Band width	Band length	Worm drive closures	Pack Qty.
	W2MSF-08	W2	8.0mm	3.0 MTRS	8	1
	W2MSF-14	W2	14.0mm	3.0 MTRS	8	1
	W4MSFI-08	W4	8.0mm	3.0 MTRS	8	1
	W4MSFI-13	W4	14.0mm	3.0 MTRS	8	1



NORMAFIX® Normetta Worm Drive Banding

Group NORMETTA	NORMAFIX® Normetta Worm Drive Banding				
	Part number	Material grade	Band width	Band thickness	Unit Qty.
	W3BAND	W3	12.0mm	0.80mm-.031"	30MTRS



NORMAFIX® Normetta Worm Drive Buckles

Group NORMETTA	NORMAFIX® Normetta Worm Drive Buckles				
	Part number	Material grade	Band width	Band thickness	Pack Qty.
	W3BUCKLE	W3	12.0mm	0.80mm-.031"	50



BREEZE® Make-A-Clamp - Combination Kits

Make-A-Clamp 4000: 410 Stainless Steel Hex Screw | 300-Series SS Band And Housing | Worm-Drive Clamp With Arcial Perforations

Group BREEZE	BREEZE® Make-A-Clamp - Combination Kits			Pack Qty.
	Part number	Item description		
	NC4000	2.6MTRS Band, 3 ADJUSTABLE FASTENERS, 1 Band SPLICE		1
	NC4001	30.5MTRS Band,25 ADJUSTABLE FASTENERS,10 Band SPLICES		1
	NC4002	15.2MTRS Band,10 ADJUSTABLE FASTENERS,5 Band SPLICES		1
	NC4003	Box Of 25 Adjustable Fasteners		1



NORMAFIX® Preformed Clamps - NORMALok

Quickly And Easily Applied (With Tooling) For High Volume Applications

Group	NORMAFIX® Preformed Clamps - Normalok					
	Part number	Band width	Band thickness	Clamp ID	Material grade	Pack Qty.
NORMETTA	NC-NL050	19.1mm-0.75"	0.76mm-0.30"	50.0mm-1.9"	202SS	50
	NC-NL069	19.1mm-0.75"	0.76mm-0.30"	69.0mm-2 3/4"	202SS	50
	NC-NL076	19.1mm-0.75"	0.76mm-0.30"	76.0mm-3"	202SS	50
	NC-NL088	19.1mm-0.75"	0.76mm-0.30"	88.0mm-3 1/2"	202SS	50
	NC-NL101	19.1mm-0.75"	0.76mm-0.30"	101.0mm-4"	202SS	25
	NC-NL114	19.1mm-0.75"	0.76mm-0.30"	114.0mm-4 1/2"	202SS	25
	NC-NL127	19.1mm-0.75"	0.76mm-0.30"	127.0mm-5"	202SS	25
	NC-NL139	19.1mm-0.75"	0.76mm-0.30"	139.0mm-5 1/2"	202SS	25
	NC-NL152	19.1mm-0.75"	0.76mm-0.30"	152.0mm-6"	202SS	25
	NC-NL165	19.1mm-0.75"	0.76mm-0.30"	165.0mm-6 1/2"	202SS	25
	NC-NL177	19.1mm-0.75"	0.76mm-0.30"	177.0mm-7"	202SS	25
	NC-NL203	19.1mm-0.75"	0.76mm-0.30"	203.0mm-8"	202SS	25
	NC-NL228	19.1mm-0.75"	0.76mm-0.30"	228.0mm-9"	202SS	10



NORMAFIX® Preformed Clamps

Quickly And Easily Applied (With Tooling) For High Volume Applications

Group	NORMAFIX® Preformed Clamps					
	Part number	Band width	Band thickness	Clamp ID	Material grade	Pack Qty.
BANDING	V240	6.4mm-1/4"	0.50mm-0.20"	19.0mm-3/4"	S/STEEL CRNI	100
	V201	9.5mm-3/8"	0.64mm-0.25"	21.0mm-13/16"	S/STEEL CRNI	100
	V242	6.4mm-1/4"	0.50mm-0.20"	25.0mm-1"	S/STEEL CRNI	100
	V243	9.5mm-3/8"	0.64mm-0.25"	25.0mm-1"	S/STEEL CRNI	100
	V203	12.7mm-1/2"	0.75mm-0.30"	25.0mm-1"	S/STEEL CRNI	100
	V204	12.7mm-1/2"	0.75mm-0.30"	32.0mm-1 1/4"	S/STEEL CRNI	100
	V202	9.5mm-3/8"	0.64mm-0.25"	35.0mm-1 3/8"	S/STEEL CRNI	100
	V241	6.4mm-1/4"	0.50mm-0.20"	35.0mm-1 3/8"	S/STEEL CRNI	100
	V252	6.4mm-1/4"	0.50mm-0.20"	38.0mm-1 1/2"	S/STEEL CRNI	100
	V205	16.0mm-5/8"	0.75mm-0.30"	38.0mm-1 1/2"	S/STEEL CRNI	100
	V236	12.7mm-1/2"	0.75mm-0.30"	45.0mm-1 3/4"	S/STEEL CRNI	100
	V206	16.0mm-5/8"	0.75mm-0.30"	45.0mm-1 3/4"	S/STEEL CRNI	100
	V245	9.5mm-3/8"	0.64mm-0.25"	48.0mm-1 7/8"	S/STEEL CRNI	100
	V207	16.0mm-5/8"	0.75mm-0.30"	51.0mm-2"	S/STEEL CRNI	100
	V208	16.0mm-5/8"	0.75mm-0.30"	57.0mm-2 1/4"	S/STEEL CRNI	100
	V209	16.0mm-5/8"	0.75mm-0.30"	64.0mm-2 1/2"	S/STEEL CRNI	100
	V230	12.7mm-1/2"	0.75mm-0.30"	70.0mm-2 3/4"	S/STEEL CRNI	100
	V210	19.0mm-3/4"	0.75mm-0.30"	70.0mm-2 3/4"	S/STEEL CRNI	50
	V246	9.5mm-3/8"	0.64mm-0.25"	76.0mm-3"	S/STEEL CRNI	100
	V211	19.0mm-3/4"	0.75mm-0.30"	76.0mm-3"	S/STEEL CRNI	50
	V231	12.7mm-1/2"	0.75mm-0.30"	89.0mm-3 1/2"	S/STEEL CRNI	50
	V212	19.0mm-3/4"	0.75mm-0.30"	89.0mm-3 1/2"	S/STEEL CRNI	50
	V213	19.0mm-3/4"	0.75mm-0.30"	102.0mm-4"	S/STEEL CRNI	25
	V214	19.0mm-3/4"	0.75mm-0.30"	114.0mm-4 1/2"	S/STEEL CRNI	25
	V215	19.0mm-3/4"	0.75mm-0.30"	127.0mm-5"	S/STEEL CRNI	25
	V216	19.0mm-3/4"	0.75mm-0.30"	152.0mm-6"	S/STEEL CRNI	25
	V218	19.0mm-3/4"	0.75mm-0.30"	180.0mm-7"	S/STEEL CRNI	25



BREEZE® Mini & BREEZE® Power-Seal® - Part-Stainless

3500 Mini: 1/4" Plated Hex Screw | 5/16" Band In 300-Series SS | One-Piece Housing In 300-Series SS
 62000 Power-Seal: 5/16" Plated Hex Screw | 1/2" Band In 300-Series SS | Two-Piece Housing In 300-Series SS
 100 Aero Seal: 5/16" Plated Hex Screw | 9/16" Band in 300-Series SS | Two-Piece Housing in 300-Series SS

Group BREEZE	BREEZE® Mini & BREEZE® Power-Seal®				
	Part number	Clamping range	Band width	Material grade	Pack/ Carton Qty.
BREEZE® Mini & BREEZE® Power-Seal® - Trade Packs					
	NC-3504	5.6-16mm Ø	7.9mm	Plated/300 Series	10
	NC-3505 LIN	6.4-17.5mm Ø	7.9mm	Plated/300 Series	10
	NC-3506	11-20mm Ø	7.9mm	Plated/300 Series	10
	NC-3508	13-23mm Ø	7.9mm	Plated/300 Series	10
	NC-3510	14-27mm Ø	7.9mm	Plated/300 Series	10
	NC-62006H	11-20mm Ø	12.7mm	Plated/300 Series	10
	NC-62008H	13-23mm Ø	12.7mm	Plated/300 Series	10
	NC-62010H	14-27mm Ø	12.7mm	Plated/300 Series	10
	NC-62012H	17-32mm Ø	12.7mm	Plated/300 Series	10
	NC-62016H	21-38mm Ø	12.7mm	Plated/300 Series	10
	NC-62020H	21-44mm Ø	12.7mm	Plated/300 Series	10
	NC-62024H	27-51mm Ø	12.7mm	Plated/300 Series	10
	NC-62028H	33-57mm Ø	12.7mm	Plated/300 Series	10
	NC-62032H	40-64mm Ø	12.7mm	Plated/300 Series	10
	NC-62036H	46-70mm Ø	12.7mm	Plated/300 Series	10
	NC-62040H	52-76mm Ø	12.7mm	Plated/300 Series	10
	NC-62044H	59-83mm Ø	12.7mm	Plated/300 Series	10
	NC-62048H	65-89mm Ø	12.7mm	Plated/300 Series	10
	NC-62052H	71-95mm Ø	12.7mm	Plated/300 Series	10
	NC-62056H	78-102mm Ø	12.7mm	Plated/300 Series	10
	NC-62060H	84-108mm Ø	12.7mm	Plated/300 Series	10
	NC-62064H	91-114mm Ø	12.7mm	Plated/300 Series	10
	NC-62072H	48-127mm Ø	12.7mm	Plated/300 Series	10
	NC-62080H	64-140mm Ø	12.7mm	Plated/300 Series	10
	NC-62088H	79-152mm Ø	12.7mm	Plated/300 Series	10
	NC-62096H	92-165mm Ø	12.7mm	Plated/300 Series	10
	NC-62104H	105-178mm Ø	12.7mm	Plated/300 Series	10



BREEZE® Mini & BREEZE® Power-Seal® - All-Stainless

3600 Mini: 1/4" 410 StainleSS Steel Hex Screw | 5/16" Band In 300-Series SS | One-Piece Housing In 300-Series SS
 64000 Power-Seal: 5/16" 410 StainleSS Steel Hex Screw | 1/2" Band In 300-Series SS | Two-Piece Housing In 300-Series SS

Group BREEZE	BREEZE® Mini & BREEZE® Power-Seal® - Trade Packs				
	Part number	Clamping range	Band width	Material grade	Pack Qty.
	NC-3604	5.6-16mm Ø	7.9mm	410/300 Series	10
	NC-3606	11-20mm Ø	7.9mm	410/300 Series	10
	NC-64006H	11-20mm Ø	12.7mm	410/300 Series	10
	NC-64008H	13-23mm Ø	12.7mm	410/300 Series	10
	NC-64010H	14-27mm Ø	12.7mm	410/300 Series	10
	NC-64012H	17-32mm Ø	12.7mm	410/300 Series	10
	NC-64016H	21-38mm Ø	12.7mm	410/300 Series	10
	NC-64020H	21-44mm Ø	12.7mm	410/300 Series	10
	NC-64024H	27-51mm Ø	12.7mm	410/300 Series	10
	NC-64028H	33-57mm Ø	12.7mm	410/300 Series	10
	NC-64032H	40-64mm Ø	12.7mm	410/300 Series	10
	NC-64036H	46-70mm Ø	12.7mm	410/300 Series	10
	NC-64040H	52-76mm Ø	12.7mm	410/300 Series	10
	NC-64044H	59-83mm Ø	12.7mm	410/300 Series	10
	NC-64048H	65-89mm Ø	12.7mm	410/300 Series	10
	NC-64052H	71-95mm Ø	12.7mm	410/300 Series	10
	NC-64056H	78-102mm Ø	12.7mm	410/300 Series	10
	NC-64060H	84-108mm Ø	12.7mm	410/300 Series	10
	NC-64064H	91-114mm Ø	12.7mm	410/300 Series	10
	NC-64072H	48-127mm Ø	12.7mm	410/300 Series	10
	NC-64080H	64-140mm Ø	12.7mm	410/300 Series	10
	NC-64096H	92-165mm Ø	12.7mm	410/300 Series	10
	NC-64104H	105-178mm Ø	12.7mm	410/300 Series	10



BREEZE® Mini & BREEZE® Power-Seal® - All-Stainless

3700 Mini: 1/4" 300-Series SS Hex Screw | 5/16" Band In 300-Series SS | One-Piece Housing In 300-Series SS
 63000 Power-Seal: 5/16" 300-Series SS Hex Screw | 1/2" Band In 300-Series SS | Two-Piece Housing In 300-Series SS
 300 Aero-Seal: 5/16" 300-Series SS Hex Screw | 9/16" Band In 300-Series SS | Two-Piece Housing In 300-Series SS

BREEZE® Mini & BREEZE® Power-Seal®					
Group	Part number	Clamping range	Band width	Material grade	Pack/ Carton Qty.
BREEZE	BREEZE® Mini & BREEZE® Power-Seal® - Trade Packs				
	NC-3704	5.6-16mm Ø	7.9mm	300 Series SS	10
	NC-3706	11-20mm Ø	7.9mm	300 Series SS	10
	NC-3708	13-23mm Ø	7.9mm	300 Series SS	10
	NC-3710	14-27mm Ø	7.9mm	300 Series SS	10
	NC-63006H	11-20mm Ø	12.7mm	300 Series SS	10
	NC-63008H	13-23mm Ø	12.7mm	300 Series SS	10
	NC-63010H	14-27mm Ø	12.7mm	300 Series SS	10
	NC-63012H	17-32mm Ø	12.7mm	300 Series SS	10
	NC-63016H	21-38mm Ø	12.7mm	300 Series SS	10
	NC-63020H	21-44mm Ø	12.7mm	300 Series SS	10
	NC-63024H	27-51mm Ø	12.7mm	300 Series SS	10
	NC-63028H	33-57mm Ø	12.7mm	300 Series SS	10
	NC-63032H	40-64mm Ø	12.7mm	300 Series SS	10
	NC-63036H	46-70mm Ø	12.7mm	300 Series SS	10
	NC-63040H	52-76mm Ø	12.7mm	300 Series SS	10
	NC-63044H	59-83mm Ø	12.7mm	300 Series SS	10
	NC-63048H	65-89mm Ø	12.7mm	300 Series SS	10
	NC-63052H	71-95mm Ø	12.7mm	300 Series SS	10
	NC-63056H	78-102mm Ø	12.7mm	300 Series SS	10
	NC-63060H	84-108mm Ø	12.7mm	300 Series SS	10
	NC-63064H	91-114mm Ø	12.7mm	300 Series SS	10
	NC-63072H	48-127mm Ø	12.7mm	300 Series SS	10
	NC-63080H	64-140mm Ø	12.7mm	300 Series SS	10
	NC-63088H	79-152mm Ø	12.7mm	300 Series SS	10
	NC-63096H	92-165mm Ø	12.7mm	300 Series SS	10
	NC-63104H	105-178mm Ø	12.7mm	300 Series SS	10
	NC-300 128 H	143-216mm Ø	14.2mm	300 Series SS	10
	NC-300 152 H	181-254mm Ø	14.2mm	300 Series SS	10
	NC-300 188 H	238-311mm Ø	14.2mm	300 Series SS	10



BREEZE® Liner - Part-Stainless

9200 Liner: 5/16" Plated Hex Screw | 1/2" Lined Band In 300-Series SS | Two-Piece Housing In 300-Series SS

BREEZE® Liner - Trade Packs					
Group	Part number	Clamping range	Band width	Material grade	Pack Qty.
BREEZE	BREEZE® Liner - Trade Packs				
	NC-9208H	13-23mm Ø	12.7mm	Plated/300 Series	10
	NC-9210H	14-27mm Ø	12.7mm	Plated/300 Series	10
	NC-9212H	17-32mm Ø	12.7mm	Plated/300 Series	10
	NC-9216H	21-38mm Ø	12.7mm	Plated/300 Series	10
	NC-9232H	40-64mm Ø	12.7mm	Plated/300 Series	10
	NC-9236H	46-70mm Ø	12.7mm	Plated/300 Series	10
	NC-9240H	52-76mm Ø	12.7mm	Plated/300 Series	10
	NC-9244H	59-83mm Ø	12.7mm	Plated/300 Series	10
	NC-9248H	65-89mm Ø	12.7mm	Plated/300 Series	10
	NC-9256H	78-102mm Ø	12.7mm	Plated/300 Series	10
	NC-9264H	91-114mm Ø	12.7mm	Plated/300 Series	10



BREEZE® Liner - All-Stainless

9400 Liner: 5/16" 410 Stainless Steel Hex Screw | 1/2" Lined Band In 300-Series SS (9/16" Band on 9488B, 9496B, 94104B) | Two-Piece Housing In 300-Series SS

BREEZE® Liner - Trade Packs					
Group	Part number	Clamping range	Band width	Material grade	Pack Qty.
BREEZE	BREEZE® Liner - Trade Packs				
	NC-9406H	11-20mm Ø	12.7mm	410/300 Series	10
	NC-9408H	13-23mm Ø	12.7mm	410/300 Series	10
	NC-9410H	14-27mm Ø	12.7mm	410/300 Series	10
	NC-9412H	17-32mm Ø	12.7mm	410/300 Series	10
	NC-9416H	21-38mm Ø	12.7mm	410/300 Series	10
	NC-9420H	21-44mm Ø	12.7mm	410/300 Series	10
	NC-9424H	27-51mm Ø	12.7mm	410/300 Series	10
	NC-9428H	33-57mm Ø	12.7mm	410/300 Series	10
	NC-9432H	40-64mm Ø	12.7mm	410/300 Series	10
	NC-9436H	46-70mm Ø	12.7mm	410/300 Series	10
	NC-9440H	52-76mm Ø	12.7mm	410/300 Series	10
	NC-9444H	59-83mm Ø	12.7mm	410/300 Series	10
	NC-9448H	65-89mm Ø	12.7mm	410/300 Series	10
	NC-9452H	71-95mm Ø	12.7mm	410/300 Series	10
	NC-9456H	78-102mm Ø	12.7mm	410/300 Series	10
	NC-9460H	84-108mm Ø	12.7mm	410/300 Series	10
	NC-9464H	90-114mm Ø	12.7mm	410/300 Series	10
	NC-9472H	105-127mm Ø	12.7mm	410/300 Series	10
	NC-9480H	117-140mm Ø	12.7mm	410/300 Series	10
	NC-9488	130-152mm Ø	14.2mm	410/300 Series	10
	NC-9496	143-165mm Ø	14.2mm	410/300 Series	10



BREEZE® Mini & BREEZE® Power-Seal® - 100 Piece Grab Kit

3500 Mini: 1/4" Plated Hex Screw | 5/16" Band In 300-Series SS | One-Piece Housing In 300-Series SS
 62000 Power-Seal: 5/16" Plated Hex Screw | 1/2" Band In 300-Series SS | Two-Piece Housing In 300-Series SS
 3700 Mini: 1/4" 300-Series SS Hex Screw | 5/16" Band In 300-Series SS | One-Piece Housing In 300-Series SS

BREEZE® Mini & BREEZE® Power-Seal® - 100 Piece Grab Kit				
Group	Part number	Item description	Material grade	Unit Qty.
BREEZE	NC-BHC100W2	5.6-16mm to 33-57mm Ø Incl. Tool W2	Plated/300 Series	1
	NC-BHC100W4	5.6-16mm to 33-57mm Ø Incl. Tool W4	300 Series SS	1
Contents / refill parts				
Clamping range		Band width	Merchandise qty	
5.6-16mm Ø		7.9mm	30	
11-20mm Ø		7.9mm	20	
14-27mm Ø		12.7mm	10	
17-32mm Ø		12.7mm	10	
21-44mm Ø		12.7mm	10	
27-51mm Ø		12.7mm	10	
33-57mm Ø		12.7mm	10	
TOOL, 6mm & 8mm FLEXIDRIVER, 1 PACK			1	



BREEZE® Mini & BREEZE® Power-Seal® - 108 Piece Merchandiser

3500 Mini: 1/4" Plated Hex Screw | 5/16" Band In 300-Series SS | One-Piece Housing In 300-Series SS
 62000 Power-Seal: 5/16" Plated Hex Screw | 1/2" Band In 300-Series SS | Two-Piece Housing In 300-Series SS
 3700 Mini: 1/4" 300-Series SS Hex Screw | 5/16" Band In 300-Series SS | One-Piece Housing In 300-Series SS
 63000 Power-Seal: 5/16" 300-Series SS Hex Screw | 1/2" Band In 300-Series SS | Two-Piece Housing In 300-Series SS

BREEZE® Mini & BREEZE® Power-Seal® - 108 Piece Merchandiser				
Group	Part number	Item description	Material grade	Unit Qty.
BREEZE	NC-BHC108W2	5.6-16mm to 33-57mm Ø Incl. Tool W2	Plated/300 Series	1
	NC-BHC108W4	5.6-16mm to 33-57mm Ø Incl. Tool W4	300 Series SS	1
Contents / refill parts				
Clamping range		Band width		
5.6-16mm Ø		7.9mm		
6.4-17.5mm Ø		7.9mm		
11-20mm Ø		7.9mm		
14-27mm Ø		12.7mm		
17-32mm Ø		12.7mm		
21-44mm Ø		12.7mm		
27-51mm Ø		12.7mm		
33-57mm Ø		12.7mm		
TOOL, 6mm & 8mm FLEXIDRIVER, 1 PACK				



BREEZE® Mini & BREEZE® Power-Seal® - 140 Piece Merchandiser

3500 Mini: 1/4" Plated Hex Screw | 5/16" Band In 300-Series SS | One-Piece Housing In 300-Series SS
 62000 Power-Seal: 5/16" Plated Hex Screw | 1/2" Band In 300-Series SS | Two-Piece Housing In 300-Series SS
 3700 Mini: 1/4" 300-Series SS Hex Screw | 5/16" Band In 300-Series SS | One-Piece Housing In 300-Series SS
 63000 Power-Seal: 5/16" 300-Series SS Hex Screw | 1/2" Band In 300-Series SS | Two-Piece Housing In 300-Series SS

BREEZE® Mini & BREEZE® Power-Seal® - 140 Piece Merchandiser				
Group	Part number	Item description	Material grade	Unit Qty.
BREEZE	NC-BHC140W2	5.6-16mm to 46-70mm Ø Incl. Tool W2	Plated/300 Series	1
	NC-BHC140W4	5.6-16mm to 46-70mm Ø Incl. Tool W4	300 Series SS	1
Contents / refill parts				
Clamping range		Band width		
5.6-16mm Ø		7.9mm		
11-20mm Ø		7.9mm		
14-27mm Ø		12.7mm		
17-32mm Ø		12.7mm		
21-38mm Ø		12.7mm		
21-44mm Ø		12.7mm		
27-51mm Ø		12.7mm		
33-57mm Ø		12.7mm		
40-64mm Ø		12.7mm		
46-70mm Ø		12.7mm		
TOOL, 6mm & 8mm FLEXIDRIVER, 1 PACK				



9150 Heavy Duty - 150 Piece Merchandiser

Assortment Of 9200 Line Clamps
 9200 Liner: 5/16" Plated Hex Screw | 1/2" Lined Band In 300-Series SS | Two-Piece Housing In 300-Series SS

9150 Heavy Duty - 150 Piece Merchandiser				
Group	Part number	Item description	Unit Qty.	
BREEZE	NC-9150	Heavy Duty 9200 Liner Assortment	1	
Contents / refill parts				
Clamping range		Band width	Merchandise qty	
14-27mm Ø		12.7mm	20	
17-32mm Ø		12.7mm	20	
21-38mm Ø		12.7mm	10	
21-44mm Ø		12.7mm	20	
27-51mm Ø		12.7mm	20	
33-57mm Ø		12.7mm	10	
40-64mm Ø		12.7mm	10	
46-70mm Ø		12.7mm	10	
52-76mm Ø		12.7mm	10	
59-83mm Ø		12.7mm	20	



BREEZE® HTM Hi Torque

Htm / Hp Hi-Torque: 5/16" 410 Stainless Steel Hex Screw | 5/8" Band In 300-Series SS | Two-Piece Housing In 300-Series SS

BREEZE® HTM Hi Torque					
Group	Part number	Clamping range	Band width	Material grade	Pack Qty.
BREEZE® HTM Hi Torque - Trade Packs					
BREEZE	NC-HTM175L	25-45mm Ø	15.8mm	410/300 Series	10
	NC-HTM200L	32-54mm Ø	15.8mm	410/300 Series	10
	NC-HTM250L	45-67mm Ø	15.8mm	410/300 Series	10
	NC-HTM300L	57-79mm Ø	15.8mm	410/300 Series	10
	NC-HTM350L	70-92mm Ø	15.8mm	410/300 Series	10
	NC-HTM400L	83-105mm Ø	15.8mm	410/300 Series	10
	NC-HTM450L	95-118mm Ø	15.8mm	410/300 Series	10
	NC-HTM500L	108-130mm Ø	15.8mm	410/300 Series	10
	NC-HTM550L	121-143mm Ø	15.8mm	410/300 Series	10
	NC-HTM600L	133-156mm Ø	15.8mm	410/300 Series	10
	NC-HTM650L	146-168mm Ø	15.8mm	410/300 Series	10
	NC-HTM700L	159-181mm Ø	15.8mm	410/300 Series	10
	NC-HTM750L	172-194mm Ø	15.8mm	410/300 Series	10
	NC-HTM800L	184-206mm Ø	15.8mm	410/300 Series	10
	NC-HTM850L	197-219mm Ø	15.8mm	410/300 Series	10
	NC-HTM900L	210-232mm Ø	15.8mm	410/300 Series	10



BREEZE® Constant Torque HD

Constant-Torque HD Ss: 3/8" 410 Stainless Steel Hex Screw | 5/8" Band In 300-Series SS | Ten Stainless Steel Belleville Washers

BREEZE® Constant Torque HD					
Group	Part number	Clamping range	Band width	Material grade	Pack Qty.
BREEZE® Constant Torque HD - Trade Packs					
BREEZE	CT-200LSS	32-54mm Ø	15.8mm	410/300 Series	10
	CT-250LSS	45-67mm Ø	15.8mm	410/300 Series	10
	CT-300LSS	57-79mm Ø	15.8mm	410/300 Series	10
	CT-350LSS	70-92mm Ø	15.8mm	410/300 Series	10
	CT-400LSS	83-105mm Ø	15.8mm	410/300 Series	10
	CT-450LSS	95-117mm Ø	15.8mm	410/300 Series	10
	CT-500LSS	108-130mm Ø	15.8mm	410/300 Series	10
	CT-550LSS	121-143mm Ø	15.8mm	410/300 Series	10
	CT-600LSS	133-156mm Ø	15.8mm	410/300 Series	10
	CT-650LSS	146-168mm Ø	15.8mm	410/300 Series	10
	CT-700LSS	159-181mm Ø	15.8mm	410/300 Series	10
	CT-750LSS	171-194mm Ø	15.8mm	410/300 Series	10
	CT-800LSS	184-206mm Ø	15.8mm	410/300 Series	10
	CT-850LSS	197-219mm Ø	15.8mm	410/300 Series	10
	CT-900LSS	210-232mm Ø	15.8mm	410/300 Series	10



BREEZE® Constant Torque AS - Trade Pack

Constant-Torque AS: 5/16" 410 Stainless Steel Hex Screw | 9/16" Band In 300-Series SS | Eight Stainless Steel Belleville Washers

BREEZE® Constant Torque AS - Trade Pack					
Group	Part number	Clamping range	Band width	Material grade	Pack Qty.
BREEZE	CT-9410	14-27mm Ø	12.7mm	410/300 Series	10
	CT-9412	17-32mm Ø	12.7mm	410/300 Series	10
	CT-9416	21-38mm Ø	12.7mm	410/300 Series	10
	CT-9420	21-44mm Ø	12.7mm	410/300 Series	10
	CT-9424	27-51mm Ø	12.7mm	410/300 Series	10
	CT-9428	33-57mm Ø	12.7mm	410/300 Series	10
	CT-9432	40-64mm Ø	12.7mm	410/300 Series	10




NORMACONNECT® Grip E - Axial Restraint Pipe Couplings - For Connecting Metal Pipes

Sizes: 26.9mm - 711.2mm | WP: 70.0 - 1.5Bar | Material: W5 | All Parts Entirely Made From Stainless Steel AISI 316

NBR Seal: - 20 °C Up To + 80 °C | EPDM Seal: Sizes From 26.9 - 168.3mm: - 30 °C Up To + 125 °C | EPDM Seal: > 180.0mm: - 20 °C Up To + 80 °C



Group FGR	NORMACONNECT® Grip E							
	Part number	Sealing sleeve	Pipe size	Clamping range	Band width	MWAP Safety x 4	Material grade	Pack Qty.

NBR SEAL								
	NCG1W5-026.9N	NBR	26.9mm Ø	26.4-27.5mm Ø	67.0mm	16 BAR	W5	1
	NCG1W5-028.0N	NBR	28.0mm Ø	27.5-28.5mm Ø	67.0mm	16 BAR	W5	1
	NCG1W5-030.0N	NBR	30.0mm Ø	29.5-30.6mm Ø	67.0mm	16 BAR	W5	1
	NCG1W5-033.7N	NBR	33.7mm Ø	33.0-34.3mm Ø	67.0mm	16 BAR	W5	1
	NCG1W5-035.0N	NBR	35.0mm Ø	34.5-35.6mm Ø	63.0mm	16 BAR	W5	1
	NCG1W5-038.0N	NBR	38.0mm Ø	37.5-38.6mm Ø	63.0mm	16 BAR	W5	1
	NCG1W5-042.4N	NBR	42.4mm Ø	41.7-43.0mm Ø	63.0mm	16 BAR	W5	1
	NCG1W5-044.5N	NBR	44.5mm Ø	44.0-45.1mm Ø	63.0mm	16 BAR	W5	1
	NCG1W5-048.3N	NBR	48.3mm Ø	47.6-50.5mm Ø	63.0mm	16 BAR	W5	1
	NCG1W5-054.0N	NBR	54.0mm Ø	53.3-54.6mm Ø	78.0mm	16 BAR	W5	1
	NCG1W5-057.0N	NBR	57.0mm Ø	56.3-57.7mm Ø	78.0mm	16 BAR	W5	1
	NCG1W5-060.3N	NBR	60.3mm Ø	59.5-61.0mm Ø	78.0mm	16 BAR	W5	1
	NCG1W5-073.0N	NBR	73.0mm Ø	72.1-73.8mm Ø	78.0mm	16 BAR	W5	1
	NCG1W5-076.1N	NBR	76.1mm Ø	75.2-77.0mm Ø	98.0mm	16 BAR	W5	1
	NCG1W5-080.0N	NBR	80.0mm Ø	79.0-80.8mm Ø	98.0mm	16 BAR	W5	1
	NCG1W5-084.0N	NBR	84.0mm Ø	83.0-85.0mm Ø	98.0mm	16 BAR	W5	1
	NCG1W5-088.9N	NBR	88.9mm Ø	87.0-89.9mm Ø	98.0mm	16 BAR	W5	1
	NCG1W5-101.6N	NBR	101.6mm Ø	100.4-102.8mm Ø	98.0mm	16 BAR	W5	1
	NCG1W5-104.0N	NBR	104.0mm Ø	102.8-106.1mm Ø	98.0mm	16 BAR	W5	1
	NCG1W5-108.0N	NBR	108.0mm Ø	106.8-109.2mm Ø	98.0mm	16 BAR	W5	1
	NCG1W5-114.3N	NBR	114.3mm Ø	113.0-115.5mm Ø	98.0mm	16 BAR	W5	1
	NCG1W5-129.0N	NBR	129.0mm Ø	127.6-131.1mm Ø	113.0mm	16 BAR	W5	1
	NCG1W5-133.0N	NBR	133.0mm Ø	131.5-134.4mm Ø	113.0mm	16 BAR	W5	1
	NCG1W5-139.7N	NBR	139.7mm Ø	138.1-141.6mm Ø	113.0mm	16 BAR	W5	1
	NCG1W5-141.6N	NBR	141.3mm Ø	139.6-142.8mm Ø	113.0mm	16 BAR	W5	1
	NCG1W5-154.0N	NBR	154.0mm Ø	152.3-156.1mm Ø	113.0mm	16 BAR	W5	1
	NCG1W5-159.0N	NBR	159.0mm Ø	157.3-160.7mm Ø	113.0mm	16 BAR	W5	1
	NCG1W5-168.3N	NBR	168.3mm Ø	166.5-170.1mm Ø	113.0mm	16 BAR	W5	1
	NCG1W5-219.1N	NBR	219.1mm Ø	216.0-221.0mm Ø	141.0mm	10 BAR	W5	1

EPDM SEAL								
	NCG1W5-026.9E	EPDM	26.9mm Ø	26.4-27.5mm Ø	67.0mm	16 BAR	W5	1
	NCG1W5-028.0E	EPDM	28.0mm Ø	27.5-28.5mm Ø	67.0mm	16 BAR	W5	1
	NCG1W5-033.7E	EPDM	33.7mm Ø	33.0-34.3mm Ø	67.0mm	16 BAR	W5	1
	NCG1W5-035.0E	EPDM	35.0mm Ø	34.5-35.6mm Ø	63.0mm	16 BAR	W5	1
	NCG1W5-038.0E	EPDM	38.0mm Ø	37.5-38.6mm Ø	63.0mm	16 BAR	W5	1
	NCG1W5-042.4E	EPDM	42.4mm Ø	41.7-43.0mm Ø	63.0mm	16 BAR	W5	1
	NCG1W5-044.5E	EPDM	44.5mm Ø	44.0-45.1mm Ø	63.0mm	16 BAR	W5	1
	NCG1W5-048.3E	EPDM	48.3mm Ø	47.6-50.5mm Ø	63.0mm	16 BAR	W5	1
	NCG1W5-054.0E	EPDM	54.0mm Ø	53.3-54.6mm Ø	78.0mm	16 BAR	W5	1
	NCG1W5-057.0E	EPDM	57.0mm Ø	56.3-57.7mm Ø	78.0mm	16 BAR	W5	1
	NCG1W5-060.3E	EPDM	60.3mm Ø	59.5-61.0mm Ø	78.0mm	16 BAR	W5	1
	NCG1W5-076.1E	EPDM	76.1mm Ø	75.2-77.0mm Ø	98.0mm	16 BAR	W5	1
	NCG1W5-088.9E	EPDM	88.9mm Ø	87.0-89.9mm Ø	98.0mm	16 BAR	W5	1
	NCG1W5-101.6E	EPDM	101.6mm Ø	100.4-102.8mm Ø	98.0mm	16 BAR	W5	1
	NCG1W5-108.0E	EPDM	108.0mm Ø	106.8-109.2mm Ø	98.0mm	16 BAR	W5	1
	NCG1W5-110.0E	EPDM	110.0mm Ø	108.8-111.4mm Ø	98.0mm	16 BAR	W5	1
	NCG1W5-114.3E	EPDM	114.3mm Ø	113.0-115.5mm Ø	98.0mm	16 BAR	W5	1
	NCG1W5-129.0E	EPDM	129.0mm Ø	127.6-131.1mm Ø	113.0mm	16 BAR	W5	1
	NCG1W5-133.0E	EPDM	133.0mm Ø	131.5-134.4mm Ø	113.0mm	16 BAR	W5	1
	NCG1W5-139.7E	EPDM	139.7mm Ø	138.1-141.6mm Ø	113.0mm	16 BAR	W5	1
	NCG1W5-141.6E	EPDM	141.3mm Ø	139.6-142.8mm Ø	113.0mm	16 BAR	W5	1
	NCG1W5-154.0E	EPDM	154.0mm Ø	152.3-156.1mm Ø	113.0mm	16 BAR	W5	1
	NCG1W5-159.0E	EPDM	159.0mm Ø	157.3-160.7mm Ø	113.0mm	16 BAR	W5	1
	NCG1W5-168.3E	EPDM	168.3mm Ø	166.5-170.1mm Ø	113.0mm	16 BAR	W5	1
	NCG1W5-219.1E	EPDM	219.1mm Ø	216.0-221.0mm Ø	141.0mm	10 BAR	W5	1


NORMACONNECT® Flex E - Axial Non-Restraint Pipe Couplings - For Connecting Restrained Pipes

Sizes: 26.9mm - 1219.1mm | WP: 70.0 - 4.0Bar | Material: W5 | All Parts Entirely Made From Stainless Steel AISI 316
 NBR Seal: - 20 °C Up To + 80 °C | EPDM Seal: Sizes From 26.9 - 168.3mm: - 30 °C Up To + 125 °C | EPDM Seal: > 180.0mm: - 20 °C Up To + 80 °C

Group FGR	NORMACONNECT® Flex E							
	Part number	Sealing sleeve	Pipe size	Clamping range	Band width	MWAP Safety x 4	Material grade	Pack Qty.
NBR SEAL								
	NCF1W5-033.7N	NBR	33.7mm Ø	33.0-34.3mm Ø	67.0mm	16 BAR	W5	1
	NCF1W5-038.0N	NBR	38.0mm Ø	37.5-38.6mm Ø	63.0mm	16 BAR	W5	1
	NCF1W5-042.4N	NBR	42.4mm Ø	41.7-43.0mm Ø	63.0mm	16 BAR	W5	1
	NCF1W5-048.3N	NBR	48.3mm Ø	47.6-50.5mm Ø	63.0mm	16 BAR	W5	1
	NCF1W5-054.0N	NBR	54.0mm Ø	53.3-54.6mm Ø	78.0mm	16 BAR	W5	1
	NCF1W5-060.3N	NBR	60.3mm Ø	59.5-61.0mm Ø	78.0mm	16 BAR	W5	1
	NCF1W5-073.0N	NBR	73.0mm Ø	72.1-73.8mm Ø	78.0mm	16 BAR	W5	1
	NCF1W5-076.1N	NBR	76.1mm Ø	75.2-77.0mm Ø	98.0mm	16 BAR	W5	1
	NCF1W5-088.9N	NBR	88.9mm Ø	87.0-89.9mm Ø	98.0mm	16 BAR	W5	1
	NCF1W5-101.6N	NBR	101.6mm Ø	100.4-102.8mm Ø	98.0mm	16 BAR	W5	1
	NCF1W5-114.3N	NBR	114.3mm Ø	113.0-115.5mm Ø	98.0mm	16 BAR	W5	1
	NCF1W5-168.3N	NBR	168.3mm Ø	166.5-170.1mm Ø	113.0mm	16 BAR	W5	1
	EPDM SEAL							
	NCF1W5-060.3E	EPDM	60.3mm Ø	59.5-61.0mm Ø	78.0mm	16 BAR	W5	1
	NCF1W5-076.1E	EPDM	76.1mm Ø	75.2-77.0mm Ø	98.0mm	16 BAR	W5	1
	NCF1W5-088.9E	EPDM	88.9mm Ø	87.0-89.9mm Ø	98.0mm	16 BAR	W5	1
	NCF1W5-101.6E	EPDM	101.6mm Ø	100.4-102.8mm Ø	98.0mm	16 BAR	W5	1
	NCF1W5-108.0E	EPDM	108.0mm Ø	106.8-109.2mm Ø	98.0mm	16 BAR	W5	1
	NCF1W5-114.3E	EPDM	114.3mm Ø	113.0-115.5mm Ø	98.0mm	16 BAR	W5	1
	NCF1W5-129.0E	EPDM	129.0mm Ø	127.6-131.1mm Ø	113.0mm	16 BAR	W5	1
	NCF1W5-154.0E	EPDM	154.0mm Ø	152.3-156.1mm Ø	113.0mm	16 BAR	W5	1
	NCF1W5-168.3E	EPDM	168.3mm Ø	166.5-170.1mm Ø	113.0mm	16 BAR	W5	1


NORMACONNECT® Grip E-FP - Axial Restraint Pipe Couplings With Intergrated Flame Protection

Sizes: 40.0mm - 406.0mm | WP: 16.0 - 6.0Bar | Material: W5 | All Parts Entirely Made From Stainless Steel AISI 316
 NBR Seal: - 20 °C Up To + 80 °C | EPDM Seal: Sizes From 26.9 - 168.3mm: - 30 °C Up To + 125 °C | EPDM Seal: > 180.0mm: - 20 °C Up To + 80 °C

Group FGR	NORMACONNECT® Grip E-FP							
	Part number	Sealing sleeve	Pipe size	Clamping range	Band width	MWAP Safety x 4	Material grade	Pack Qty.
NBR SEAL								
	NCGF-026.9N	NBR	26.9mm Ø	26.4-27.5mm Ø	67.0mm	16 BAR	W5	1
	NCGF-030.0N	NBR	30.0mm Ø	29.5-30.6mm Ø	67.0mm	16 BAR	W5	1
	NCGF-033.7N	NBR	33.7mm Ø	33.0-34.3mm Ø	67.0mm	16 BAR	W5	1
	NCGF-038.0N	NBR	38.0mm Ø	37.5-38.6mm Ø	63.0mm	16 BAR	W5	1
	NCGF-042.4N	NBR	42.4mm Ø	41.7-43.0mm Ø	63.0mm	16 BAR	W5	1
	NCGF-048.3N	NBR	48.3mm Ø	47.6-50.5mm Ø	63.0mm	16 BAR	W5	1
	NCGF-057.0N	NBR	57.0mm Ø	56.3-57.7mm Ø	78.0mm	16 BAR	W5	1
	NCGF-060.3N	NBR	60.3mm Ø	59.5-61.0mm Ø	78.0mm	16 BAR	W5	1
	NCGF-073.0N	NBR	73.0mm Ø	72.1-73.8mm Ø	78.0mm	16 BAR	W5	1
	NCGF-076.1N	NBR	76.1mm Ø	75.2-77.0mm Ø	98.0mm	16 BAR	W5	1
	NCGF-088.9N	NBR	88.9mm Ø	87.0-89.9mm Ø	98.0mm	16 BAR	W5	1
	NCGF-101.6N	NBR	101.6mm Ø	100.4-102.8mm Ø	98.0mm	16 BAR	W5	1
	NCGF-108.0N	NBR	108.0mm Ø	106.8-109.2mm Ø	98.0mm	16 BAR	W5	1
	NCGF-114.3N	NBR	114.3mm Ø	113.0-115.5mm Ø	98.0mm	16 BAR	W5	1
NCGF-133.0N	NBR	133.0mm Ø	131.5-134.4mm Ø	113.0mm	16 BAR	W5	1	
EPDM SEAL								
	NCGF-057.0E	EPDM	57.0mm Ø	56.3-57.7mm Ø	78.0mm	16 BAR	W5	1
	NCGF-060.3E	EPDM	60.3mm Ø	59.5-61.0mm Ø	78.0mm	16 BAR	W5	1
	NCGF-088.9E	EPDM	88.9mm Ø	87.0-89.9mm Ø	98.0mm	16 BAR	W5	1


NORMACONNECT® Plast Grip E - Axial Restraint Pipe Couplings - For Connecting Plastic Pipes

Sizes: 40.0mm - 406.0mm | WP: 16.0 - 6.0Bar | Material: W5 | All Parts Entirely Made From Stainless Steel AISI 316
 NBR Seal: - 20 °C Up To + 80 °C | EPDM Seal: Sizes From 26.9 - 168.3mm: - 30 °C Up To + 125 °C | EPDM Seal: > 180.0mm: - 20 °C Up To + 80 °C

Group FGR	NORMACONNECT® Plast Grip E							
	Part number	Sealing sleeve	Pipe size	Clamping range	Band width	MWAP Safety x 4	Material grade	Pack Qty.
NBR SEAL								
	NCPG-060.3N	NBR	60.3mm Ø	59.5-61.0mm Ø	78.0mm	16 BAR	W5	1
EPDM SEAL								
	NCPG-048.3E	EPDM	48.3mm Ø	47.6-50.5mm Ø	62.0mm	16 BAR	W5	1
	NCPG-088.9E	EPDM	88.9mm Ø	83.0-85.0mm Ø	98.0mm	16 BAR	W5	1
	NCPG-090.0E	EPDM	90.0mm Ø	88.0-90.0mm Ø	98.0mm	16 BAR	W5	1
	NCPG-110.0E	EPDM	110.0mm Ø	108.8-111.4mm Ø	98.0mm	16 BAR	W5	1
	NCPG-114.3E	EPDM	114.3mm Ø	113.0-115.5mm Ø	98.0mm	16 BAR	W5	1
	NCPG-159.0E	EPDM	159.0mm Ø	157.3-160.7mm Ø	115.0mm	16 BAR	W5	1


NORMACONNECT® Rep E - Repair Couplings - Connects And/Or Seals Damaged Metal And Plastic Pipes

Sizes: 35.0mm - 1219.1mm | WP: 60.0 - 4.0Bar | Material: W5 | All Parts Entirely Made From Stainless Steel AISI 316
 NBR Seal: - 20 °C Up To + 80 °C | EPDM Seal: Sizes From 26.9 - 168.3mm: - 30 °C Up To + 125 °C | EPDM Seal: > 180.0mm: - 20 °C Up To + 80 °C

Group FGR	NORMACONNECT® Rep E							
	Part number	Sealing sleeve	Pipe size	Clamping range	Band width	MWAP Safety x 4	Material grade	Pack Qty.
NBR SEAL								
	NCFR-060.3N	NBR	60.3mm Ø	59.5-61.0mm Ø	78.0mm	40 BAR	W5	1
	NCFR-088.9N	NBR	88.9mm Ø	87.0-89.9mm Ø	98.0mm	35 BAR	W5	1
	NCFR-139.7N	NBR	139.7mm Ø	138.1-141.6mm Ø	113.0mm	32 BAR	W5	1
EPDM SEAL								
	NCFR-060.3E	EPDM	60.3mm Ø	59.5-61.0mm Ø	78.0mm	40 BAR	W5	1
	NCFR-088.9E	EPDM	88.9mm Ø	87.0-89.9mm Ø	98.0mm	35 BAR	W5	1

NORMACONNECT® Combi Grip E - Axial Restraint Pipe Couplings - Connect Plastic Pipes With Metal Pipes

Sizes: 38/40.0mm - 406.0/406.0mm | WP: 16.0 - 6.0Bar | Material: W5 | All Parts Entirely Made From Stainless Steel AISI 316
 NBR Seal: - 20 °C Up To + 80 °C | EPDM Seal: Sizes From 26.9 - 168.3mm: - 30 °C Up To + 125 °C | EPDM Seal: > 180.0mm: - 20 °C Up To + 80 °C

NORMACONNECT® Combi Grip E								
Group	Part number	Sealing sleeve	Pipe size	Clamping range	Band width	MWAP Safety x 4	Material grade	Pack Qty.
FGR								
NBR SEAL - RANGE AVAILABLE ON REQUEST								
EPDM SEAL								
	NCEC-060.3E	EPDM	59.5–61.0mm Ø	59.5–61.0mm Ø	78.0mm	16 BAR	W5	1
	NCEC-088.9/90E	EPDM	87.0–89.9mm Ø	89.0–91.0mm Ø	98.0mm	16 BAR	W5	1
	NCEC-108/110E	EPDM	106.8–109.2mm Ø	109.0–111.0mm Ø	98.0mm	16 BAR	W5	1

NORMACONNECT® RFP - Retrofittable Flame Protection

Suits: 26.9mm - 323.9mm | Material: W5 | All Parts Entirely Made From Stainless Steel AISI 316

NORMACONNECT® RFP				
Group	Part number	Coupling pipe size	Material grade	Pack Qty.
FGR				
	NCRFP-028.0	28.0mm Ø	W5	1
	NCRFP-030.0	30.0mm Ø	W5	1
	NCRFP-054.0	54.0mm Ø	W5	1
	NCRFP-101.6	101.6mm Ø	W5	1
	NCRFP-104.0	104.0mm Ø	W5	1
	NCRFP-108.0	108.0mm Ø	W5	1



NORMACONNECT® Repair - Half Circle Clamps

Suits: Galvanised Pipe | WP: 16Bar | Body: Stainless Steel 316 | Fasteners: Stainless Steel 316 | Gasket: EPDM

NORMACONNECT® Repair - Half Circle Clamps						
Group	Part number	Nominal pipe size	Outside diameter	Length	Bolts	Pack Qty.
REPAIR						
	NCHCG015-075	15.0mm	21.3mm Ø	75.0mm	1	1
	NCHCG015-150	15.0mm	21.3mm Ø	150.0mm	2	1
	NCHCG020-075	20.0mm	26.7mm Ø	75.0mm	1	1
	NCHCG020-150	20.0mm	26.7mm Ø	150.0mm	2	1
	NCHCG025-075	25.0mm	33.4mm Ø	75.0mm	1	1
	NCHCG025-150	25.0mm	33.4mm Ø	150.0mm	2	1
	NCHCG032-075	32.0mm	42.2mm Ø	75.0mm	1	1
	NCHCG032-150	32.0mm	42.2mm Ø	150.0mm	2	1
	NCHCG040-075	40.0mm	48.3mm Ø	75.0mm	1	1
	NCHCG040-150	40.0mm	48.3mm Ø	150.0mm	2	1
	NCHCG050-075	50.0mm	60.3mm Ø	75.0mm	1	1
	NCHCG050-150	50.0mm	60.3mm Ø	150.0mm	2	1
	NCHCG065-075	65.0mm	73.0mm Ø	75.0mm	1	1
	NCHCG065-150	65.0mm	73.0mm Ø	150.0mm	2	1
	NCHCG075-075	75.0mm	88.9mm Ø	75.0mm	1	1
	NCHCG075-150	75.0mm	88.9mm Ø	150.0mm	2	1
	NCHCG100-075	100.0mm	114.3mm Ø	75.0mm	1	1
	NCHCG100-150	100.0mm	114.3mm Ø	150.0mm	2	1



NORMACONNECT® Repair - Full Circle Clamps for Galvanised Pipe

Suits: Galvanised Pipe | WP: 16Bar | Body: Stainless Steel 316 | Fasteners: Stainless Steel 316 | Gasket: EPDM

NORMACONNECT® Repair - Full Circle Clamps for Galvanised Pipe						
Group	Part number	Nominal pipe size	Outside diameter	Length	Bolts	Pack Qty.
REPAIR						
	NFCFG015-075	15.0mm	21.3mm Ø	75.0mm	1	1
	NFCFG015-150	15.0mm	21.3mm Ø	150.0mm	2	1
	NFCFG020-075	20.0mm	26.7mm Ø	75.0mm	1	1
	NFCFG020-150	20.0mm	26.7mm Ø	150.0mm	2	1
	NFCFG025-075	25.0mm	33.4mm Ø	75.0mm	1	1
	NFCFG025-150	25.0mm	33.4mm Ø	150.0mm	2	1
	NFCFG032-075	32.0mm	42.2mm Ø	75.0mm	1	1
	NFCFG032-150	32.0mm	42.2mm Ø	150.0mm	2	1



NORMACONNECT® Repair - Full Circle Clamps for Copper Pipe

Suits: Copper Pipe | WP: 16Bar | Body: Stainless Steel 316 | Fasteners: Stainless Steel 316 | Gasket: EPDM

NORMACONNECT® Repair - Full Circle Clamps for Copper Pipe						
Group	Part number	Nominal pipe size	Outside diameter	Length	Bolts	Pack Qty.
REPAIR						
	NCFCC015-075	15.0mm	12.7mm Ø	75.0mm	1	1
	NCFCC015-150	15.0mm	12.7mm Ø	150.0mm	2	1
	NCFCC020-075	20.0mm	19.0mm Ø	75.0mm	1	1
	NCFCC020-150	20.0mm	19.0mm Ø	150.0mm	2	1
	NCFCC025-075	25.0mm	25.4mm Ø	75.0mm	1	1
	NCFCC025-150	25.0mm	25.4mm Ø	150.0mm	2	1
	NCFCC032-075	32.0mm	31.7mm Ø	75.0mm	1	1
	NCFCC032-150	32.0mm	31.7mm Ø	150.0mm	2	1
	NCFCC040-075	40.0mm	38.1mm Ø	75.0mm	1	1
	NCFCC040-150	40.0mm	38.1mm Ø	150.0mm	2	1



NORMACONNECT® Repair - Pipe Repair Clamps

WP: 16Bar | Body: Stainless Steel 316 | Fasteners: Stainless Steel 316 | Gasket: EPDM

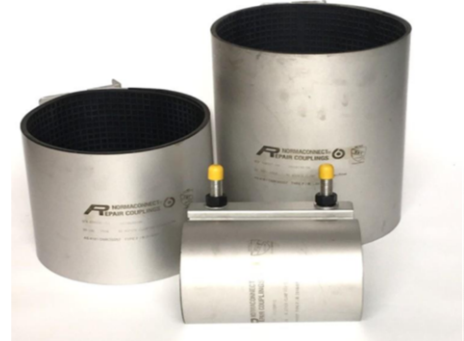
Group REPAIR	NORMACONNECT® Repair - Pipe Repair Clamps			
	Part number	Clamping range	Length	Pack Qty.
	NCR045055-150	45-55mm Ø	150.0mm	1
	NCR045055-200	45-55mm Ø	200.0mm	1
	NCR045055-400	45-55mm Ø	400.0mm	1
	NCR059067-150	59-67mm Ø	150.0mm	1
	NCR059067-200	59-67mm Ø	200.0mm	1
	NCR069076-150	69-76mm Ø	150.0mm	1
	NCR069076-200	69-76mm Ø	200.0mm	1
	NCR069076-300	69-76mm Ø	300.0mm	1
	NCR075083-150	75-83mm Ø	150.0mm	1
	NCR075083-200	75-83mm Ø	200.0mm	1
	NCR075083-300	75-83mm Ø	300.0mm	1
	NCR085095-150	85-95mm Ø	150.0mm	1
	NCR085095-200	85-95mm Ø	200.0mm	1
	NCR085095-300	85-95mm Ø	300.0mm	1
	NCR095104-150	95-104mm Ø	150.0mm	1
	NCR095104-200	95-104mm Ø	200.0mm	1
	NCR095104-300	95-104mm Ø	300.0mm	1
	NCR104113-150	104-113mm Ø	150.0mm	1
	NCR104113-200	104-113mm Ø	200.0mm	1
	NCR104113-300	104-113mm Ø	300.0mm	1
	NCR113120-150	113-120mm Ø	150.0mm	1
	NCR113120-200	113-120mm Ø	200.0mm	1
	NCR113120-300	113-120mm Ø	300.0mm	1
	NCR113120-400	113-120mm Ø	400.0mm	1
	NCR121130-150	121-130mm Ø	150.0mm	1
	NCR121130-200	121-130mm Ø	200.0mm	1
	NCR121130-300	121-130mm Ø	300.0mm	1
	NCR121130-400	121-130mm Ø	400.0mm	1
	NCR126136-200	126-136mm Ø	200.0mm	1
	NCR126136-300	126-136mm Ø	300.0mm	1
	NCR130140-150	130-140mm Ø	150.0mm	1
	NCR130140-200	130-140mm Ø	200.0mm	1
	NCR130140-300	130-140mm Ø	300.0mm	1
	NCR145155-200	145-155mm Ø	200.0mm	1
	NCR145155-300	145-155mm Ø	300.0mm	1
	NCR151161-150	151-161mm Ø	150.0mm	1
	NCR151161-200	151-161mm Ø	200.0mm	1
	NCR151161-300	151-161mm Ø	300.0mm	1
	NCR151161-400	151-161mm Ø	400.0mm	1
	NCR151161-600	151-161mm Ø	600.0mm	1
	NCR167176-150	167-176mm Ø	150.0mm	1
	NCR167176-200	167-176mm Ø	200.0mm	1
	NCR167176-300	167-176mm Ø	300.0mm	1
	NCR167176-400	167-176mm Ø	400.0mm	1
	NCR167176-600	167-176mm Ø	600.0mm	1
	NCR174183-200	174-183mm Ø	200.0mm	1
	NCR174183-300	174-183mm Ø	300.0mm	1
	NCR174183-400	174-183mm Ø	400.0mm	1
	NCR174183-600	174-183mm Ø	600.0mm	1
	NCR179189-200	179-189mm Ø	200.0mm	1
	NCR179189-300	179-189mm Ø	300.0mm	1
	NCR179189-400	179-189mm Ø	400.0mm	1
	NCR189199-200	189-199mm Ø	200.0mm	1
	NCR196205-200	196-205mm Ø	200.0mm	1
	NCR196205-300	196-205mm Ø	300.0mm	1
	NCR196205-600	196-205mm Ø	600.0mm	1
	NCR202212-200	202-212mm Ø	200.0mm	1
	NCR202212-300	202-212mm Ø	300.0mm	1
	NCR202212-400	202-212mm Ø	400.0mm	1
	NCR218228-200	218-228mm Ø	200.0mm	1
	NCR218228-300	218-228mm Ø	300.0mm	1
	NCR218228-400	218-228mm Ø	400.0mm	1
	NCR229238-200	229-238mm Ø	200.0mm	1
	NCR229238-300	229-238mm Ø	300.0mm	1
	NCR229238-400	229-238mm Ø	400.0mm	1
	NCR236245-200	236-245mm Ø	200.0mm	1
	NCR236245-300	236-245mm Ø	300.0mm	1
	NCR236245-400	236-245mm Ø	400.0mm	1
	NCR248257-300	248-257mm Ø	300.0mm	1
	NCR248257-400	248-257mm Ø	400.0mm	1
	NCR255265-300	255-265mm Ø	300.0mm	1
	NCR255265-400	255-265mm Ø	400.0mm	1
	NCR255265-600	255-265mm Ø	600.0mm	1
	NCR271281-300	271-281mm Ø	300.0mm	1
	NCR271281-400	271-281mm Ø	400.0mm	1
	NCR281290-300	281-290mm Ø	300.0mm	1
	NCR281290-400	281-290mm Ø	400.0mm	1
	NCR288298-300	288-298mm Ø	300.0mm	1
	NCR298309-300	298-309mm Ø	300.0mm	1



NORMACONNECT® Repair - Pipe Repair Clamps contd.

WP: 16Bar | Body: Stainless Steel 316 | Fasteners: Stainless Steel 316 | Gasket: EPDM

NORMACONNECT® Repair - Pipe Repair Clamps					
Group REPAIR	Part number	Clamping range	Length		Pack Qty.
	NCR298309-400	298-309mm Ø	400.0mm		1
	NCR304314-300	304-314mm Ø	300.0mm		1
	NCR304314-400	304-314mm Ø	400.0mm		1
	NCR312322-300	312-322mm Ø	300.0mm		1
	NCR312322-400	312-322mm Ø	400.0mm		1
	NCR322331-300	322-331mm Ø	300.0mm		1
	NCR322331-400	322-331mm Ø	400.0mm		1
	NCR332342-400	332-342mm Ø	400.0mm		1
	NCR332342-600	332-342mm Ø	600.0mm		1
	NCR343355-300	343-353mm Ø	300.0mm		1
	NCR356366-300	356-366mm Ø	300.0mm		1
	NCR350370-400	350-370mm Ø	400.0mm		1
	NCR370390-400	370-390mm Ø	400.0mm		1
	NCR400420-400	400-420mm Ø	400.0mm		1
	NCR420440-600	420-440mm Ø	600.0mm		1
	NCR440460-400	440-460mm Ø	400.0mm		1
	NCR450470-400	450-470mm Ø	400.0mm		1
	NCR490510-400	490-510mm Ø	400.0mm		1
	NCR490510-600	490-510mm Ø	600.0mm		1
	NCR520540-600	520-540mm Ø	600.0mm		1
	NCR550570-600	550-570mm Ø	600.0mm		1
	NCR570590-600	570-590mm Ø	600.0mm		1
	NCR600620-600	600-620mm Ø	600.0mm		1



NORMACONNECT® Mechanical Coupling (Galv. Fasteners) - Axial Non-Restraint Pipe Couplings

Sizes: 80.0 - 600mm | WP: 16.0Bar | Barrel: Stainless Steel Grade 316L | End Rings: Ductile Iron Fbe Coated | Fasteners: Galvanised Mild Steel | Gasket: EPDM | Cert: OMK30051 / WSAA PA: PA 1518

NORMACONNECT® Mechanical Coupling (Galv. Fasteners)						
Group REPAIR	Part number	Nominal pipe size	Clamping range	Length	Bolts	Pack Qty.
	NCUMC100BS	100.0mm	109-133mm Ø	110.0mm	GAL	1
	NCUMC150BS	150.0mm	158-182mm Ø	110.0mm	GAL	1
	NCUMC080BL	80.0mm	88-109mm Ø	178.0mm	GAL	1
	NCUMC100BL	100.0mm	109-133mm Ø	178.0mm	GAL	1
	NCUMC150BL	150.0mm	158-182mm Ø	178.0mm	GAL	1
	NCUMC200BL	200.0mm	214-238mm Ø	178.0mm	GAL	1
	NCUMC225BL	225.0mm	240-264mm Ø	178.0mm	GAL	1



NORMACONNECT® Mechanical Coupling (S/Steel Fasteners) - Axial Non-Restraint Pipe Couplings

Sizes: 80.0 - 600mm | WP: 16.0Bar | Barrel: Stainless Steel Grade 316L | End Rings: Ductile Iron Fbe Coated | Fasteners: Stainless Steel Grade 316L | Gasket: EPDM | Cert: OMK30051 / WSAA PA: PA 1518

NORMACONNECT® Mechanical Coupling (S/Steel Fasteners)						
Group REPAIR	Part number	Nominal pipe size	Clamping range	Length	Bolts	Pack Qty.
	NCSSUMC080BS	80.0mm	88-102mm Ø	110.0mm	S/STEEL	1
	NCSSUMC100BS	100.0mm	109-133mm Ø	110.0mm	S/STEEL	1
	NCSSUMC080BL	80.0mm	88-109mm Ø	178.0mm	S/STEEL	1
	NCSSUMC100BL	100.0mm	109-133mm Ø	178.0mm	S/STEEL	1
	NCSSUMC150BL	150.0mm	158-182mm Ø	178.0mm	S/STEEL	1
	NCSSUMC200BL	200.0mm	214-238mm Ø	178.0mm	S/STEEL	1
	NCSSUMC225BL	225.0mm	240-264mm Ø	178.0mm	S/STEEL	1
	NCSSUMC250BL	250.0mm	272-296mm Ø	178.0mm	S/STEEL	1
	NCSSUMC300BL	300.0mm	330-354mm Ø	218.0mm	S/STEEL	1
	NCSSUMC375BL	375.0mm	400-429mm Ø	218.0mm	S/STEEL	1
	NCSSUMC450BL	450.0mm	488-512mm Ø	218.0mm	S/STEEL	1



NORMACONNECT® Repair - Flanged Offtake Clamps

WP: 16Bar | Body: Stainless Steel 316 | Fasteners: Stainless Steel 316 | Gasket: EPDM

NORMACONNECT® Repair - Flanged Offtake Clamps						
Group REPAIR	Part number	Offtake flanged	Clamping range	Length	Bolts	Pack Qty.
	NCFO174183-150TD	150TD	174-183mm Ø	400.0mm	8	1
	NCFO229238-100TD	100TD	229-238mm Ø	400.0mm	8	1
	NCFO229238-150TD	150TD	229-238mm Ø	400.0mm	8	1
	NCFO255265-080TD	80TD	255-265mm Ø	400.0mm	8	1



NORMACONNECT® Repair - F.I. BSP Offtake Clamps

WP: 16Bar | Body: Stainless Steel 316 | Fasteners: Stainless Steel 316 | Gasket: EPDM

NORMACONNECT® Repair - F.I. BSP Offtake Clamps						
Group REPAIR	Part number	Offtake BSP (mm)	Clamping range	Length	Bolts	Pack Qty.
	NCB059067-150-25	25.0mm	59-67mm Ø	150.0mm	2	1
	NCB059067-150-32	32.0mm	59-67mm Ø	150.0mm	2	1
	NCB059067-150-40	40.0mm	59-67mm Ø	150.0mm	2	1
	NCB059067-200-20	20.0mm	59-67mm Ø	200.0mm	2	1
	NCB059067-200-40	40.0mm	59-67mm Ø	200.0mm	2	1
	NCB069076-200-40	40.0mm	69-76mm Ø	200.0mm	2	1
	NCB069076-200-50	50.0mm	69-76mm Ø	200.0mm	2	1
	NCB075083-300-25	25.0mm	75-83mm Ø	300.0mm	3	1
	NCB085095-200-20	20.0mm	85-95mm Ø	200.0mm	2	1
	NCB085095-200-50	50.0mm	85-95mm Ø	200.0mm	2	1
	NCB095104-200-20	20.0mm	95-104mm Ø	200.0mm	2	1
	NCB095104-200-25	25.0mm	95-104mm Ø	200.0mm	2	1
	NCB104113-200-50	50.0mm	104-113mm Ø	200.0mm	2	1
	NCB113123-200-20	20.0mm	113-123mm Ø	200.0mm	2	1
	NCB113123-200-25	25.0mm	113-123mm Ø	200.0mm	2	1
	NCB113123-300-15	15.0mm	113-123mm Ø	300.0mm	3	1
	NCB113123-300-50	50.0mm	113-123mm Ø	300.0mm	3	1
	NCB113123-300-80	80.0mm	113-123mm Ø	300.0mm	3	1
	NCB121130-200-20	20.0mm	121-130mm Ø	200.0mm	2	1
	NCB121130-200-25	25.0mm	121-130mm Ø	200.0mm	2	1
	NCB121130-200-50	50.0mm	121-130mm Ø	200.0mm	2	1
	NCB151161-200-20	20.0mm	151-161mm Ø	200.0mm	2	1
	NCB151161-200-25	25.0mm	151-161mm Ø	200.0mm	2	1
	NCB151161-200-50	50.0mm	151-161mm Ø	200.0mm	2	1
	NCB151161-300-100	100.0mm	151-161mm Ø	300.0mm	3	1
	NCB160170-200-25	25.0mm	160-170mm Ø	200.0mm	2	1
	NCB160170-300-15	15.0mm	160-170mm Ø	300.0mm	3	1
	NCB160170-300-50	50.0mm	160-170mm Ø	300.0mm	3	1
	NCB160170-300-100	100.0mm	160-170mm Ø	300.0mm	3	1
	NCB167178-200-50	50.0mm	167-178mm Ø	200.0mm	2	1
	NCB167178-300-50	50.0mm	167-178mm Ø	300.0mm	3	1
	NCB167178-300-100	100.0mm	167-178mm Ø	300.0mm	3	1
	NCB174183-200-20	20.0mm	174-183mm Ø	200.0mm	2	1
	NCB174183-200-25	25.0mm	174-183mm Ø	200.0mm	2	1
	NCB174183-200-50	50.0mm	174-183mm Ø	200.0mm	2	1
	NCB174183-300-100	100.0mm	174-183mm Ø	300.0mm	3	1
	NCB218228-200-25	25.0mm	218-228mm Ø	200.0mm	2	1
	NCB218228-200-50	50.0mm	218-228mm Ø	200.0mm	2	1
	NCB229238-200-20	20.0mm	229-238mm Ø	200.0mm	2	1
	NCB229238-200-25	25.0mm	229-238mm Ø	200.0mm	2	1
	NCB229238-200-40	40.0mm	229-238mm Ø	200.0mm	2	1
	NCB229238-200-50	50.0mm	229-238mm Ø	200.0mm	2	1
	NCB229238-300-50	50.0mm	229-238mm Ø	300.0mm	3	1
	NCB229238-300-100	100.0mm	229-238mm Ø	300.0mm	3	1
	NCB255265-300-80	80.0mm	255-265mm Ø	300.0mm	4	1
	NCB281290-300-25	25.0mm	281-290mm Ø	300.0mm	4	1
	NCB281290-300-50	50.0mm	281-290mm Ø	300.0mm	4	1
	NCB304314-300-50	50.0mm	304-314mm Ø	300.0mm	4	1
	NCB343355-400-25	25.0mm	343-355mm Ø	400.0mm	5	1
	NCB343355-400-50	50.0mm	343-355mm Ø	400.0mm	5	1



NORMAFIX® Type BSL 510

W1 | All Parts Entirely Made From Galvanised Steel | For 1 Or 2 Lines

Group BSL	NORMAFIX® Type BSL 510					
	Part number	Band width	Mounting hole size	Line diameter	Material grade	Pack/Carton Qty.
1 Line - Trade Packs						
	NF-BSL1-05	10.0mm	4.8mm	5.0mm	W1	10
	NF-BSL1-06	10.0mm	4.8mm	6.0mm	W1	10
	NF-BSL1-08	10.0mm	4.8mm	8.0mm	W1	10
	NF-BSL1-10	10.0mm	4.8mm	10.0mm	W1	10
	NF-BSL1-12	12.0mm	5.8mm	12.0mm	W1	10
	NF-BSL1-15	12.0mm	5.8mm	15.0mm	W1	10
	NF-BSL1-18	12.0mm	7.0mm	18.0mm	W1	10
1 or 2 Lines - Trade Packs						
	NF-BSL2-06	10.0mm	4.8mm	2 X 6.0mm	W1	10
	NF-BSL2-08	10.0mm	4.8mm	2 X 8.0mm	W1	10
	NF-BSL2-10	10.0mm	4.8mm	2 X 10.0mm	W1	10
1 Line - Cartons						
	NF-BSL510-1-04	10.0mm	4.8mm	4.0mm	W1	100
	NF-BSL510-1-05	10.0mm	4.8mm	5.0mm	W1	100
	NF-BSL510-1-06	10.0mm	4.8mm	6.0mm	W1	100
	NF-BSL510-1-07	10.0mm	4.8mm	7.0mm	W1	100
	NF-BSL510-1-08	10.0mm	4.8mm	8.0mm	W1	100
	NF-BSL510-1-10	10.0mm	4.8mm	10.0mm	W1	100
	NF-BSL510-1-11	12.0mm	5.8mm	11.0mm	W1	100
	NF-BSL510-1-12	12.0mm	5.8mm	12.0mm	W1	100
	NF-BSL510-1-15	12.0mm	5.8mm	15.0mm	W1	100
	NF-BSL510-1-16	12.0mm	5.8mm	16.0mm	W1	100
	NF-BSL510-1-18	12.0mm	7.0mm	18.0mm	W1	100
	NF-BSL510-1-20	12.0mm	7.0mm	20.0mm	W1	100
	NF-BSL510-1-24	12.0mm	7.0mm	24.0mm	W1	100
1 or 2 Lines - Cartons						
	NF-BSL510-2-06	10.0mm	4.8mm	6.0mm	W1	100
	NF-BSL510-2-08	10.0mm	4.8mm	8.0mm	W1	100
	NF-BSL510-2-12	12.0mm	5.8mm	12.0mm	W1	100



NORMAFIX® BSL Type 512 - Cartons

W1 | All Parts Entirely Made From Galvanised Steel | For 1 Line or 2 Lines

Group BSL	NORMAFIX® Type BSL 512 - Cartons					
	Part number	Band width	Mounting hole size	Line diameter	Material grade	Carton Qty.
1 Line - Cartons						
	NF-BSL512-1-04	10.0mm	4.8mm	4.0mm	W1	100
	NF-BSL512-1-05	10.0mm	4.8mm	5.0mm	W1	100
	NF-BSL512-1-06	10.0mm	4.8mm	6.0mm	W1	100
	NF-BSL512-1-07	10.0mm	4.8mm	7.0mm	W1	100
	NF-BSL512-1-08	10.0mm	4.8mm	8.0mm	W1	100
	NF-BSL512-1-10	10.0mm	4.8mm	10.0mm	W1	100
	NF-BSL512-1-12	12.0mm	5.8mm	12.0mm	W1	100
	NF-BSL512-1-15	12.0mm	5.8mm	15.0mm	W1	100
	NF-BSL512-1-18	12.0mm	7.0mm	18.0mm	W1	100
	NF-BSL512-1-20	12.0mm	7.0mm	20.0mm	W1	100
	NF-BSL512-1-22	12.0mm	7.0mm	22.0mm	W1	100
1 or 2 Lines - Cartons						
	NF-BSL512-2-08	10.0mm	4.8mm	2 X 8mm	W1	100
	NF-BSL512-2-12	12.0mm	5.8mm	2 X 12mm	W1	100




NORMAFIX® Tool Clips Closed Type

W1 | All Parts Entirely Made From Galvanised Steel

Group TOOLCLIP	NORMAFIX® Tool Clips Closed Type						
	Part number	Band width	Clamping range	Grip size	Hole size	Material grade	Pack/Carton Qty.
NORMAFIX® Tool Clips Closed Type - Trade Packs							
	NF-TCC80.06.3	6.3mm	6-7mm	6.0mm	2.4mm	W1	100
	NF-TCC80.10.3	6.3mm	10-12mm	10.0mm	2.4mm	W1	100
	NF-TCC80.13.3	7.9mm	13-14mm	13.0mm	3.2mm	W1	100
	NF-TCC80.16.3	7.9mm	16-19mm	16.0mm	3.2mm	W1	100
	NF-TCC80.19.3	7.9mm	19-21mm	19.0mm	3.2mm	W1	100
	NF-TCC80.25.3	9.5mm	25-27mm	25.0mm	3.2mm	W1	50
	NF-TCC80.28.3	9.5mm	28-31mm	28.0mm	3.6mm	W1	50
	NF-TCC80.32.3	11.1mm	32-34mm	32.0mm	3.6mm	W1	10
	NF-TCC80.38.3	12.7mm	38-40mm	38.0mm	4.0mm	W1	10
	NF-TCC80.51.3	12.7mm	51-54mm	51.0mm	4.0mm	W1	10
NORMAFIX® Tool Clips Closed Type - Cartons							
	NF-TCC80.06.2	6.3mm	6-7mm	6.0mm	2.4mm	W1	1000
	NF-TCC80.10.2	6.3mm	10-12mm	10.0mm	2.4mm	W1	1000
	NF-TCC80.13.2	7.9mm	13-14mm	13.0mm	3.2mm	W1	1000
	NF-TCC80.16.2	7.9mm	16-19mm	16.0mm	3.2mm	W1	1000
	NF-TCC80.19.2	7.9mm	19-21mm	19.0mm	3.2mm	W1	1000
	NF-TCC80.25.2	9.5mm	25-27mm	25.0mm	3.2mm	W1	500
	NF-TCC80.28.2	9.5mm	28-31mm	28.0mm	3.6mm	W1	500
	NF-TCC80.22.2	11.1mm	32-34mm	32.0mm	3.6mm	W1	100
	NF-TCC80.38.2	12.7mm	38-40mm	38.0mm	4.0mm	W1	100
	NF-TCC80.51.2	12.7mm	51-54mm	51.0mm	4.0mm	W1	100


NORMAFIX® Tool Clips Open Type

W1 | All Parts Entirely Made From Galvanised Steel

NORMAFIX® Tool Clips Open Type							
Group TOOLCLIP	Part number	Band width	Clamping range	Grip size	Hole size	Material grade	Pack/Carton Qty.
NORMAFIX® Tool Clips Open Type - Trade Packs							
	NF-TCO81.06.3	6.3mm	6-7mm	6.0mm	2.4mm	W1	100
	NF-TCO81.10.3	6.3mm	10-12mm	10.0mm	2.4mm	W1	100
	NF-TCO81.13.3	7.9mm	13-14mm	13.0mm	2.4mm	W1	100
	NF-TCO81.16.3	7.9mm	16-19mm	16.0mm	2.4mm	W1	100
	NF-TCO81.19.3	7.9mm	19-21mm	19.0mm	3.2mm	W1	100
	NF-TCO81.25.3	9.5mm	25-27mm	25.0mm	3.2mm	W1	50
	NF-TCO81.28.3	9.5mm	28-31mm	28.0mm	3.6mm	W1	50
	NF-TCO81.32.3	11.1mm	32-34mm	32.0mm	3.2mm	W1	10
	NF-TCO81.38.3	12.7mm	38-40mm	38.0mm	3.2mm	W1	10
	NF-TCO81.51.3	12.7mm	51-54mm	51.0mm	3.6mm	W1	10
NORMAFIX® Tool Clips Open Type - Cartons							
	NF-TCO81.06.2	6.3mm	6-7mm	6.0mm	2.4mm	W1	1000
	NF-TCO81.10.2	6.3mm	10-12mm	10.0mm	2.4mm	W1	1000
	NF-TCO81.13.2	7.9mm	13-14mm	13.0mm	2.4mm	W1	1000
	NF-TCO81.16.2	7.9mm	16-19mm	16.0mm	2.4mm	W1	1000
	NF-TCO81.19.2	7.9mm	19-21mm	19.0mm	3.2mm	W1	1000
	NF-TCO81.25.2	9.5mm	25-27mm	25.0mm	3.2mm	W1	500
	NF-TCO81.28.2	9.5mm	28-31mm	28.0mm	3.6mm	W1	500
	NF-TCO81.22.2	11.1mm	32-34mm	32.0mm	3.2mm	W1	100
	NF-TCO81.38.2	12.7mm	38-40mm	38.0mm	3.2mm	W1	100
	NF-TCO81.51.2	12.7mm	51-54mm	51.0mm	3.6mm	W1	100

NORMAFIX® Tool Clips Super Type

W1 | All Parts Entirely Made From Galvanised Steel | Heavy Duty For Larger Objects

NORMAFIX® Tool Clips Super Type							
Group TOOLCLIP	Part number	Band width	Clamping range	Grip size	Hole size	Material grade	Pack/Carton Qty.
NORMAFIX® Tool Clips Super Type - Trade Packs							
	NF-TCS20.044.3	12.7mm	44-46mm	44.0mm	4.0mm	W1	10
	NF-TCS20.064.3	19.1mm	64-67mm	64.0mm	4.9mm	W1	10
	NF-TCS20.076.3	19.1mm	76-79mm	76.0mm	4.7mm	W1	10
	NF-TCS20.102.3	25.4mm	102-106mm	102.0mm	4.7mm	W1	10

BREEZE® T-Bolt

TB: 1/4"-28 Plated Bolt | 3/4" Band In 300-Series SS | Floating Bridge

Group BREEZE	BREEZE® T-Bolt				
	Part number	Clamping range	Band width	Material grade	Pack/Carton Qty.
BREEZE® T-Bolt - Trade Packs					
	NC-B9222-125B	31.8 - 35.7mm Ø	19.0mm	Plated/300 Series	10
	NC-B9222-163B	41.3 - 47.6mm Ø	19.0mm	Plated/300 Series	10
	NC-TB225B	57.2 - 65.1mm Ø	19.0mm	Plated/300 Series	10
	NC-TB250B	63.5 - 71.4mm Ø	19.0mm	Plated/300 Series	10
	NC-TB275B	70 - 78mm Ø	19.0mm	Plated/300 Series	10
	NC-TB300B	76.2 - 84.1mm Ø	19.0mm	Plated/300 Series	10
	NC-TB325B	83 - 90mm Ø	19.0mm	Plated/300 Series	10
	NC-TB350B	88.9 - 96.8mm Ø	19.0mm	Plated/300 Series	10
	NC-TB375B	95.3 - 103.2mm Ø	19.0mm	Plated/300 Series	10
	NC-TB400B	101.6 - 109.5mm Ø	19.0mm	Plated/300 Series	10
BREEZE® T-Bolt - Cartons					
	NC-B9222-175B	44 - 51mm Ø	19.0mm	Plated/300 Series	200
	NC-B9222-188B	47.6 - 55.6mm Ø	19.0mm	Plated/300 Series	200
	NC-B9222-200B	50.8 - 58.7mm Ø	19.0mm	Plated/300 Series	200
	NC-B9222-213B	54.0 - 61.9mm Ø	19.0mm	Plated/300 Series	200
	NC-B9222-225B	57.2 - 65.1mm Ø	19.0mm	Plated/300 Series	200
	NC-B9222-238B	60.3 - 68.3mm Ø	19.0mm	Plated/300 Series	200
	NC-B9222-250B	63.5 - 71.4mm Ø	19.0mm	Plated/300 Series	200
	NC-B9222-263B	66.7 - 74.6mm Ø	19.0mm	Plated/300 Series	200
	NC-B9222-275B	70 - 78mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-288B	73.0 - 81.0mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-300B	76.2 - 84.1mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-313B	79.4 - 87.3mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-325B	83 - 90mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-350B	88.9 - 96.8mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-363B	92.1 - 100.0mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-375B	95.3 - 103.2mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-400B	101.6 - 109.5mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-413B	104.8 - 112.7mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-425B	108.0 - 115.9mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-450B	114.3 - 122.2mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-475B	120.7 - 128.6mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-500B	127.0 - 134.9mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-525B	133.4 - 141.3mm Ø	19.0mm	Plated/300 Series	100
	NC-B9222-575B	146.1 - 154.0mm Ø	19.0mm	Plated/300 Series	75
	NC-B9222-600B	152.4 - 160.3mm Ø	19.0mm	Plated/300 Series	75
	NC-B9222-625B	158.8 - 166.7mm Ø	19.0mm	Plated/300 Series	75
	NC-B9222-638B	162.0 - 170.0mm Ø	19.0mm	Plated/300 Series	75
	NC-B9222-650B	165.1 - 173.0mm Ø	19.0mm	Plated/300 Series	75
	NC-B9222-675B	171.5 - 179.4mm Ø	19.0mm	Plated/300 Series	50
	NC-B9222-700B	177.8 - 185.7mm Ø	19.0mm	Plated/300 Series	50
	NC-B9222-725B	184.2 - 192.1mm Ø	19.0mm	Plated/300 Series	50
	NC-B9222-750B	190.5 - 198.4mm Ø	19.0mm	Plated/300 Series	50
	NC-B9222-825B	210 - 217mm Ø	19.0mm	Plated/300 Series	50
	NC-B9222-850B	215.9 - 223.8mm Ø	19.0mm	Plated/300 Series	50
	NC-B9222-1050B	267.0 - 274.5mm Ø	19.0mm	Plated/300 Series	10



BREEZE® T-Bolt - Trade Packs

TB SS: 1/4"-28 300-Series SS Bolt | 3/4" Band In 300-Series SS | Floating Bridge

Group BREEZE	BREEZE® T-Bolt - Trade Packs				
	Part number	Clamping range	Band width	Material grade	Pack Qty.
	NC-TB225SS	57.2 - 65.1mm Ø	19.0mm	410/300 Series	10
	NC-TB250SS	63.5 - 71.4mm Ø	19.0mm	410/300 Series	10
	NC-TB275SS	70 - 78mm Ø	19.0mm	410/300 Series	10
	NC-TB300SS	76.2 - 84.1mm Ø	19.0mm	410/300 Series	10
	NC-TB325SS	83 - 90mm Ø	19.0mm	410/300 Series	10
	NC-TB350SS	88.9 - 96.8mm Ø	19.0mm	410/300 Series	10
	NC-TB375SS	95.3 - 103.2mm Ø	19.0mm	410/300 Series	10
	NC-TB400SS	101.6 - 109.5mm Ø	19.0mm	410/300 Series	10

BREEZE® HD Spring Loaded T-Bolt

B4 HD Spring-Loaded T-Bolt: 3/4" Band In 300-Series SS | 1/4" 28 Plated Bolt | Heavy-Duty Spring For Constant-Tension

BREEZE® HD Spring Loaded T-Bolt					
Group BREEZE	Part number	Clamping range	Band width	Material grade	Pack/ Carton Qty.
BREEZE® HD Spring Loaded T-Bolt - Trade Packs					
	NC-B9224-0225	57.2 - 65.1mm Ø	19.0mm	Plated/300 Series	10
	NC-B9224-0263	66.7 - 74.6mm Ø	19.0mm	Plated/300 Series	10
	NC-B9224-0306	77.8 - 85.7mm Ø	19.0mm	Plated/300 Series	10
	NC-B9224-0356	90.5 - 98.4mm Ø	19.0mm	Plated/300 Series	10
	NC-B9224-0375	95.3 - 103.2mm Ø	19.0mm	Plated/300 Series	10
	NC-B9224-0406	103.2 - 111.1mm Ø	19.0mm	Plated/300 Series	10
	NC-B9224-0425	108.0 - 115.9mm Ø	19.0mm	Plated/300 Series	10
	NC-B9224-0456	115.9 - 123.8mm Ø	19.0mm	Plated/300 Series	10
BREEZE® HD Spring Loaded T-Bolt - Cartons					
	NC-B9224-0225B	57.2 - 65.1mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0263B	66.7 - 74.6mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0269B	68.3 - 76.2mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0275B	70 - 78mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0300B	76.2 - 84.1mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0306B	77.8 - 85.7mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0313B	79.4 - 87.3mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0325B	83 - 90mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0338B	85.7 - 93.7mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0350B	88.9 - 96.8mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0356B	90.5 - 98.4mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0363B	92.1 - 100.0mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0375B	95.3 - 103.2mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0388B	98 - 106mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0406B	103.2 - 111.1mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0413B	104.8 - 112.7mm Ø	19.0mm	Plated/300 Series	100
	NC-B9224-0425B	108.0 - 115.9mm Ø	19.0mm	Plated/300 Series	75
	NC-B9224-0450B	114.3 - 122.2mm Ø	19.0mm	Plated/300 Series	75
	NC-B9224-0456B	115.9 - 123.8mm Ø	19.0mm	Plated/300 Series	75
	NC-B9224-0500B	127.0 - 134.9mm Ø	19.0mm	Plated/300 Series	75
	NC-B9224-0625B	158.8 - 166.7mm Ø	19.0mm	Plated/300 Series	75



BREEZE® T-Bolt V-Band - Trade Packs

T-Bolt V-Band: 400-Series SS Bolt | 300-Series SS Band | 300-Series SS Insert

BREEZE® T-Bolt V-Band - Trade Packs					
Group BREEZE	Part number	Clamping range	Band width	Material grade	Pack Qty.
	NC-VT10288	73.15mm	7.9mm	Plated/300 Series	5
	NC-VT10321	81.53mm	7.9mm	Plated/300 Series	5
	NC-VT10350	88.90mm	7.9mm	Plated/300 Series	5
	NC-VT10382	97.03mm	7.9mm	Plated/300 Series	5
	NC-VT10388	98.55mm	7.9mm	Plated/300 Series	5
	NC-VT10406	103.12mm	7.9mm	Plated/300 Series	5
	NC-VT10413	104.90mm	7.9mm	Plated/300 Series	5
	NC-VT10419	106.43mm	7.9mm	Plated/300 Series	5
	NC-VT10425	107.95mm	7.9mm	Plated/300 Series	5
	NC-VT10450-A	114.30mm	7.9mm	Plated/300 Series	5
	NC-VT10450	114.30mm	7.9mm	Plated/300 Series	5
	NC-VT10461	117.10mm	7.9mm	Plated/300 Series	5
	NC-VT10469	119.13mm	7.9mm	Plated/300 Series	5
	NC-VT10475	120.65mm	7.9mm	Plated/300 Series	5
	NC-VT10475-A	120.65mm	7.9mm	Plated/300 Series	5
	NC-VT10481	122.17mm	7.9mm	Plated/300 Series	5
	NC-VT10491	124.71mm	7.9mm	Plated/300 Series	5
	NC-VT10494	125.48mm	7.9mm	Plated/300 Series	5
	NC-VT10510	129.54mm	7.9mm	Plated/300 Series	5
	NC-VT10525	133.35mm	7.9mm	Plated/300 Series	5
	NC-VT10530	134.62mm	7.9mm	Plated/300 Series	5
	NC-VT10565	143.51mm	7.9mm	Plated/300 Series	5
	NC-VT10581	147.57mm	7.9mm	Plated/300 Series	5
	NC-VT10588	149.35mm	7.9mm	Plated/300 Series	5
	NC-VT10588-1	149.35mm	7.9mm	Plated/300 Series	5
	NC-VT10592	150.37mm	7.9mm	Plated/300 Series	5
	NC-VT10688	174.75mm	7.9mm	Plated/300 Series	5
	NC-VT10808	205.23mm	7.9mm	Plated/300 Series	5

