



Clips & Clamps

Section 13 – Clamps & Clips

A World Leader in the design & supply of sealing, connecting & clamping solutions.

High performance products specified by the world's leading manufacturers for all their hose, tube and pipe applications.

- Specially designed for the perfect seal
- Quality Assured engineering & manufacture to ISO 9002, QS 9000 and ISO 14001.
- Over 3 million parts produced EVERY day allows us to give the customer exceptional value.

NORMA® Hose Clips

- Top Sealing Performance through its Unique Design



Mild Steel Alu-Zinc Plated

| 7777 | min mm | max mm | Band Width | £ |
|---------|--------|--------|------------|------|
| NOR-000 | 8 | 12 | 9 | 0.65 |
| NOR-MOO | 10 | 16 | 9 | 0.65 |
| NOR-OO | 12 | 22 | 9 | 0.65 |
| NOR-O | 16 | 27 | 12 | 0.65 |
| NOR-1A | 20 | 32 | 12 | 0.65 |
| NOR-1 | 25 | 40 | 12 | 0.90 |
| NOR-2A | 35 | 50 | 12 | 0.90 |
| NOR-2 | 40 | 60 | 12 | 1.00 |
| NOR-2X | 40 | 60 | 12 | 0.90 |
| NOR-3 | 50 | 70 | 12 | 1.00 |
| NOR-3X | 60 | 80 | 12 | 1.50 |
| NOR-4 | 70 | 90 | 12 | 1.55 |
| NOR-4X | 80 | 100 | 12 | 1.50 |
| NOR-5 | 90 | 110 | 12 | 2.15 |

- Top Sealing Performance through its Unique Design



All Stainless Steel

| 7777 | min mm | max mm | Band Width | £ |
|--------------|--------|--------|------------|------|
| NOR-SS-75-12 | 8 | 12 | 7.5 | 2.10 |
| NOR-SS-75-16 | 10 | 16 | 7.5 | 2.10 |
| NOR-SS-75-18 | 12 | 18 | 7.5 | 2.15 |
| NOR-SS-000 | 8 | 16 | 9 | 1.80 |
| NOR-SS-MOO | 8 | 16 | 9 | 1.95 |
| NOR-SS-OO | 12 | 22 | 9 | 2.20 |
| NOR-SS-O | 16 | 27 | 12 | 2.50 |
| NOR-SS-OX | 16 | 27 | 12 | 2.20 |
| NOR-SS-1A | 20 | 32 | 12 | 2.30 |
| NOR-SS-1 | 25 | 40 | 12 | 2.60 |
| NOR-SS-1X | 25 | 40 | 12 | 2.35 |
| NOR-SS-2A | 32 | 50 | 12 | 2.70 |
| NOR-SS-2 | 40 | 60 | 12 | 3.20 |
| NOR-SS-2X | 40 | 60 | 12 | 2.70 |
| NOR-SS-3 | 50 | 70 | 12 | 2.80 |
| NOR-SS-3X | 60 | 80 | 12 | 3.05 |
| NOR-SS-4 | 70 | 90 | 12 | 3.75 |
| NOR-SS-4X | 80 | 100 | 12 | 3.40 |
| NOR-SS-5 | 90 | 110 | 12 | 3.65 |

NORMA® High Torque Hose Clips

- Recommended Tightening Torque 17 Nm (150lb in)



All Stainless Steel, 16mm Band Width

| 7777 | min mm | max mm | £ |
|-----------|--------|--------|------|
| NOR-HD45 | 25 | 45 | 5.75 |
| NOR-HD54 | 32 | 54 | 5.35 |
| NOR-HD67 | 45 | 67 | 5.45 |
| NOR-HD79 | 57 | 79 | 5.70 |
| NOR-HD92 | 70 | 92 | 6.00 |
| NOR-HD118 | 95 | 118 | 6.45 |
| NOR-HD130 | 108 | 130 | 6.65 |
| NOR-HD143 | 121 | 143 | 6.80 |
| NOR-HD168 | 146 | 168 | 7.25 |
| NOR-HD181 | 159 | 181 | 7.40 |
| NOR-HD194 | 172 | 194 | 7.30 |
| NOR-HD232 | 210 | 232 | 8.00 |

NORMA® Quick Assembly 1 Piece Cobra Hose Clips

- Low Profile, Easy Fit Hose Clip



Stainless Steel

| 7777 | To Suit Hose O.D. | Band Width | £ |
|--------------|-------------------|------------|------|
| NOR-COBRA75 | 7.5 | 7 | 0.55 |
| NOR-COBRA8 | 8 | 7 | 0.65 |
| NOR-COBRA9 | 9 | 7 | 0.60 |
| NOR-COBRA10 | 10 | 7 | 0.60 |
| NOR-COBRA105 | 10.5 | 7 | 0.60 |
| NOR-COBRA11 | 11 | 7 | 0.60 |
| NOR-COBRA115 | 11.5 | 7 | 0.65 |
| NOR-COBRA12 | 12 | 8 | 0.90 |
| NOR-COBRA13 | 13 | 8 | 0.90 |
| NOR-COBRA14 | 14 | 8 | 0.65 |
| NOR-COBRA15 | 15 | 8 | 0.90 |
| NOR-COBRA16 | 16 | 8 | 0.65 |
| NOR-COBRA17 | 17 | 8 | 0.90 |
| NOR-COBRA18 | 18 | 8 | 0.90 |
| NOR-COBRA19 | 19 | 8 | 0.90 |
| NOR-COBRA20 | 20 | 8 | 0.75 |
| NOR-COBRA21 | 21 | 8 | 0.75 |
| NOR-COBRA24 | 24 | 8 | 0.90 |
| NOR-COBRA26 | 26 | 8 | 0.75 |
| NOR-COBRA27 | 27 | 8 | 0.80 |
| NOR-COBRA28 | 28 | 8 | 0.75 |
| NOR-COBRA29 | 29 | 8 | 0.80 |

NORMA® Clamp GBS M Heavy Duty Clamp

- Up to 70% higher band tension than leading competitor
- Wide clamping range 17mm to 252mm
- Environmentally friendly - Chrome VI Free
- Mechanically locked so no spot weld weakness
- Rounded band edges for hose protection
- DIN 3017 Accredited



Clamps Supplied in W2 Material

| 7777 | min mm | max mm | £ |
|-----------------|--------|--------|------|
| NOR-05917182018 | 17 | 19 | 1.35 |
| NOR-05917182020 | 19 | 21 | 1.35 |
| NOR-05917182022 | 21 | 23 | 1.35 |
| NOR-05917182024 | 23 | 25 | 1.35 |
| NOR-05917182026 | 25 | 27 | 1.30 |
| NOR-05917182028 | 27 | 29 | 1.30 |
| NOR-05917182030 | 29 | 31 | 1.30 |
| NOR-05917182033 | 31 | 34 | 1.30 |
| NOR-05917182036 | 34 | 37 | 1.45 |
| NOR-05917182039 | 37 | 40 | 1.50 |
| NOR-05917182042 | 40 | 43 | 1.50 |
| NOR-05917202045 | 43 | 47 | 1.80 |
| NOR-05917202049 | 47 | 51 | 1.80 |
| NOR-05917202053 | 51 | 55 | 1.80 |
| NOR-05917202057 | 55 | 59 | 1.85 |
| NOR-05917202061 | 59 | 63 | 1.85 |
| NOR-05917202066 | 63 | 68 | 1.90 |
| NOR-05917252071 | 68 | 73 | 2.70 |
| NOR-05917252076 | 73 | 79 | 2.80 |
| NOR-05917252082 | 79 | 85 | 2.80 |
| NOR-05917252088 | 85 | 91 | 2.80 |
| NOR-05917252094 | 91 | 97 | 2.90 |
| NOR-05917252101 | 97 | 104 | 3.05 |
| NOR-05917252108 | 104 | 112 | 3.20 |
| NOR-05917252117 | 112 | 121 | 3.20 |
| NOR-05917252126 | 121 | 130 | 3.30 |
| NOR-05917302135 | 130 | 140 | 4.85 |
| NOR-05917302145 | 140 | 150 | 4.95 |
| NOR-05917302156 | 150 | 162 | 5.00 |
| NOR-05917302168 | 162 | 174 | 5.15 |
| NOR-05917302181 | 174 | 187 | 5.35 |
| NOR-05917302194 | 187 | 200 | 5.45 |
| NOR-05917302207 | 200 | 213 | 5.55 |
| NOR-05917302220 | 213 | 226 | 5.70 |
| NOR-05917302233 | 226 | 239 | 5.90 |
| NOR-05917302246 | 239 | 252 | 6.30 |