



techhose

QUALITY CONNECTIONS

Hydraulics

Pneumatics
& Vacuum

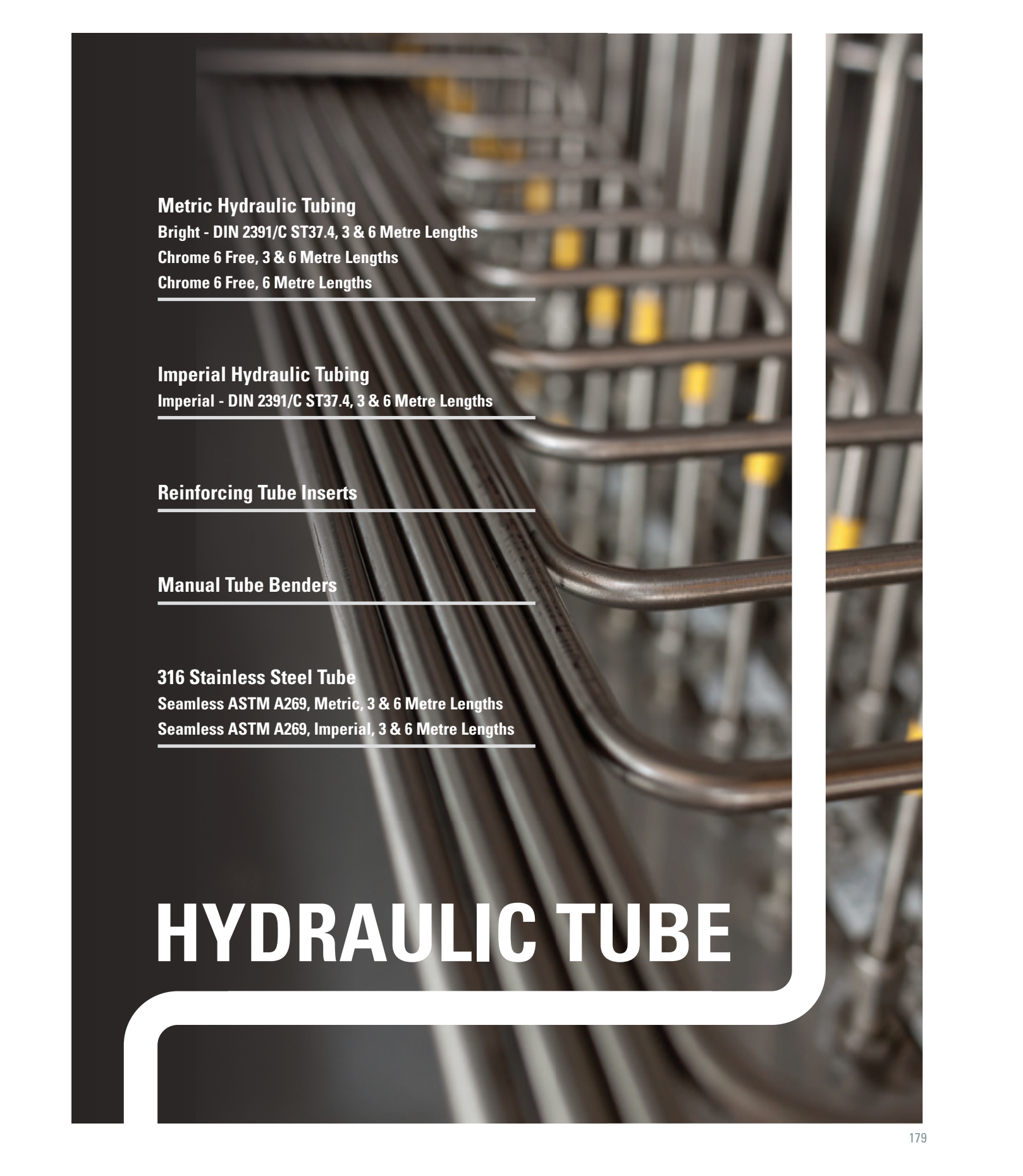
Industrial

Compressed Air
& Ring Main

Process &
Instrumentation

Hydraulics

Tubes & Clamps



Metric Hydraulic Tubing

Bright - DIN 2391/C ST37.4, 3 & 6 Metre Lengths

Chrome 6 Free, 3 & 6 Metre Lengths

Chrome 6 Free, 6 Metre Lengths

Imperial Hydraulic Tubing

Imperial - DIN 2391/C ST37.4, 3 & 6 Metre Lengths

Reinforcing Tube Inserts

Manual Tube Benders

316 Stainless Steel Tube

Seamless ASTM A269, Metric, 3 & 6 Metre Lengths

Seamless ASTM A269, Imperial, 3 & 6 Metre Lengths

HYDRAULIC TUBE

METRIC HYDRAULIC TUBING



Hydraulic Tubing

Maximum working pressure has been determined according to DIN 2413 scope of application 1, for primarily static load at temperatures up to 120°C.

3 metre lengths next day.

6 metre lengths may take up to 3 working days to be delivered, dependant on weight and delivery address location. Additional carriage charges may apply.

For full details please contact our Business Development Team.

Minimum of 10 Lengths is advised up to 8mm to prevent damage in transit.



Bright - DIN 2391/C ST37.4, 3 Metre Lengths

0201	OD mm	Wall Thickness mm	Pressure Kg/cm ²
HST4X1.0	4	1.0	624
HST6X1.0	6	1.0	365
HST6X1.5	6	1.5	624
HST6X2.0	6	2.0	989
HST8X2.0	8	2.0	624
HST12X2.5	12	2.5	485
HST14X1.5	14	1.5	217
HST14X2.0	14	2.0	303
HST16X2.5	16	2.5	337
HST18X2.0	18	2.0	226
HST18X2.5	18	2.5	300
HST20X2.5	20	2.5	259
HST20X3.0	20	3.0	321
HST20X3.5	20	3.5	388
HST22X1.5	22	1.5	132
HST22X2.0	22	2.0	181
HST25X1.5	25	1.5	115
HST25X2.0	25	2.0	157
HST25X2.5	25	2.5	201
HST25X3.0	25	3.0	257
HST28X1.5	28	1.5	102
HST28X2.5	28	2.5	177
HST28X3.0	28	3.0	217
HST30X2.5	30	2.5	164
HST30X4.0	30	4.0	279
HST35X2.0	35	2.0	109
HST35X2.5	35	2.5	139
HST35X3.0	35	3.0	169
HST35X5.0	35	5.0	303
HST38X3.0	38	3.0	155
HST38X5.0	38	5.0	275
HST42X3.0	42	3.0	139
HST42X4.0	42	4.0	190

Bright - DIN 2391/C ST37.4, 6 Metre Lengths

0201	OD mm	Wall Thickness mm	Pressure Kg/cm ²
HST4X1.0-6M	4	1.0	624
HST6X1.0-6M	6	1.0	365
HST6X1.5-6M	6	1.5	624
HST6X2.0-6M	6	2.0	989
HST8X2.0-6M	8	2.0	624
HST12X2.5-6M	12	2.5	485
HST14X1.5-6M	14	1.5	217
HST14X2.0-6M	14	2.0	303
HST16X2.5-6M	16	2.5	337
HST18X2.0-6M	18	2.0	226
HST18X2.5-6M	18	2.5	300
HST20X2.5-6M	20	2.5	259
HST20X3.0-6M	20	3.0	321
HST20X3.5-6M	20	3.5	388
HST22X1.5-6M	22	1.5	132
HST22X2.0-6M	22	2.0	181
HST25X1.5-6M	25	1.5	115
HST25X2.0-6M	25	2.0	157
HST25X2.5-6M	25	2.5	201
HST25X3.0-6M	25	3.0	247
HST28X1.5-6M	28	1.5	102
HST28X2.5-6M	28	2.5	177
HST28X3.0-6M	28	3.0	217
HST30X2.5-6M	30	2.5	164
HST30X4.0-6M	30	4.0	279
HST35X2.0-6M	35	2.0	109
HST35X2.5-6M	35	2.5	139
HST35X3.0-6M	35	3	169
HST35X5.0-6M	35	5	303
HST38X3.0-6M	38	3.0	155
HST38X5.0-6M	38	5.0	275
HST42X3.0-6M	42	3.0	139
HST42X4.0-6M	42	4	190

See page 181 for chrome 6 free tube

Hydraulic Tubing

3 metre lengths next day.

6 metre lengths may take up to 3 working days to be delivered, dependant on weight and delivery address location. Additional carriage charges may apply.

Chrome 6 Free, 3 Metre Lengths

0201	OD mm	Wall Thickness mm	Pressure Kg/cm ²
HST4X1.0-C6F	4	1	624
HST6X1.0-C6F	6	1	365
HST6X1.5-C6F	6	1.5	624
HST6X2.0-C6F	6	2	989
HST8X1.0-C6F	8	1	259
HST8X1.5-C6F	8	1.5	423
HST8X2.0-C6F	8	2	624
HST10X1.0-C6F	10	1	201
HST10X1.5-C6F	10	1.5	321
HST10X2.0-C6F	10	2	460
HST12X1.0-C6F	12	1	164
HST12X1.5-C6F	12	1.5	259
HST12X2.0-C6F	12	2	365
HST14X1.5-C6F	14	1.5	217
HST14X2.0-C6F	14	2	303
HST15X1.5-C6F	15	1.5	201
HST15X2.0-C6F	15	2	279
HST16X1.5-C6F	16	1.5	187
HST16X2.0-C6F	16	2	259
HST16X2.5-C6F	16	2.5	337
HST16X3.0-C6F	16	3	423
HST18X1.5-C6F	18	1.5	164
HST18X2.0-C6F	18	2	226
HST18X2.5-C6F	18	2.5	300
HST20X2.0-C6F	20	2	201
HST20X2.5-C6F	20	2.5	259
HST20X3.0-C6F	20	3	321
HST20X3.5-C6F	20	3.5	388
HST20X4.0-C6F	20	4	460
HST22X1.5-C6F	22	1.5	132
HST22X2.0-C6F	22	2	181
HST22X2.5-C6F	22	2.5	232
HST25X1.5-C6F	25	1.5	115
HST25X2.0-C6F	25	2	157
HST25X2.5-C6F	25	2.5	201
HST25X3.0-C6F	25	3	247
HST25X4.0-C6F	25	4	347
HST28X1.5-C6F	28	1.5	102
HST28X2.0-C6F	28	2	139
HST28X2.5-C6F	28	2.5	177
HST28X3.0-C6F	28	3	217
HST30X2.5-C6F	30	2.5	164
HST30X3.0-C6F	30	3	201
HST30X4.0-C6F	30	4	279
HST35X2.0-C6F	35	2	109
HST35X2.5-C6F	35	2.5	139
HST35X3.0-C6F	35	3	169
HST35X5.0-C6F	35	5	303
HST38X3.0-C6F	38	3	155
HST38X4.0-C6F	38	4	213
HST42X3.0-C6F	42	3	139
HST42X4.0-C6F	42	4	190
HST50X3.0-C6F	50	3	115
HST50X5.0-C6F	50	5	201
HST50X6.0-C6F	50	6	247

For full details please contact our Business Development Team.

Minimum of 10 Lengths is advised up to 8mm to prevent damage in transit.



Chrome 6 Free, 6 Metre Lengths

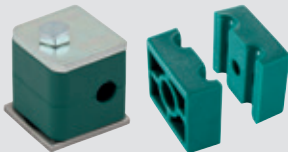
0201	OD mm	Wall Thickness mm	Pressure Kg/cm ²
HST10X1.0-C6F-6M	10	1	201
HST10X1.5-C6F-6M	10	1.5	321
HST10X2.0-C6F-6M	10	2	460
HST12X1.0-C6F-6M	12	1	164
HST12X1.5-C6F-6M	12	1.5	259
HST12X2.0-C6F-6M	12	2	365
HST14X1.5-C6F-6M	14	1.5	217
HST14X2.0-C6F-6M	14	2	303
HST15X1.5-C6F-6M	15	1.5	201
HST15X2.0-C6F-6M	15	2	279
HST16X1.5-C6F-6M	16	1.5	187
HST16X2.0-C6F-6M	16	2	259
HST16X2.5-C6F-6M	16	2.5	337
HST16X3.0-C6F-6M	16	3	423
HST18X1.5-C6F-6M	18	1.5	164
HST18X2.0-C6F-6M	18	2	226
HST18X2.5-C6F-6M	18	2.5	392
HST20X2.0-C6F-6M	20	2	201
HST20X2.5-C6F-6M	20	2.5	259
HST20X3.0-C6F-6M	20	3	321
HST20X3.5-C6F-6M	20	3.5	388
HST20X4.0-C6F-6M	20	4	460
HST22X1.5-C6F-6M	22	1.5	132
HST22X2.0-C6F-6M	22	2	181
HST22X2.5-C6F-6M	22	2.5	232
HST25X1.5-C6F-6M	25	1.5	115
HST25X2.0-C6F-6M	25	2	157
HST25X2.5-C6F-6M	25	2.5	232
HST25X3.0-C6F-6M	25	3	247
HST25X4.0-C6F-6M	25	4	347
HST28X1.5-C6F-6M	28	1.5	102
HST28X2.0-C6F-6M	28	2	139
HST28X2.5-C6F-6M	28	2.5	177
HST28X3.0-C6F-6M	28	3	217
HST30X2.5-C6F-6M	30	2.5	164
HST30X3.0-C6F-6M	30	3	201
HST30X4.0-C6F-6M	30	4	279
HST35X2.0-C6F-6M	35	2	109
HST35X2.5-C6F-6M	35	2.5	139
HST35X3.0-C6F-6M	35	3	169
HST35X5.0-C6F-6M	35	5	303
HST38X3.0-C6F-6M	38	3	155
HST38X4.0-C6F-6M	38	4	213
HST42X3.0-C6F-6M	42	3	139
HST42X4.0-C6F-6M	42	4	190
HST50X3.0-C6F-6M	50	3	115
HST50X5.0-C6F-6M	50	5	201
HST50X6.0-C6F-6M	50	6	247

Chrome 6 Free, 6 Metre Lengths, Bundles of 10

0201	OD mm	Wall Thickness mm	Pressure Kg/cm ²
HST4X1.0-C6F-6M	4	1	624
HST6X1.0-C6F-6M	6	1	365
HST6X1.5-C6F-6M	6	1.5	624
HST6X2.0-C6F-6M	6	2	989
HST8X1.0-C6F-6M	8	1	259
HST8X1.5-C6F-6M	8	1.5	423
HST8X2.0-C6F-6M	8	2	624



Hydraulic Fittings
see pages 115-136



Hydraulic Tube Clamps
see pages 184-200

IMPERIAL HYDRAULIC TUBING



Hydraulic Tubing

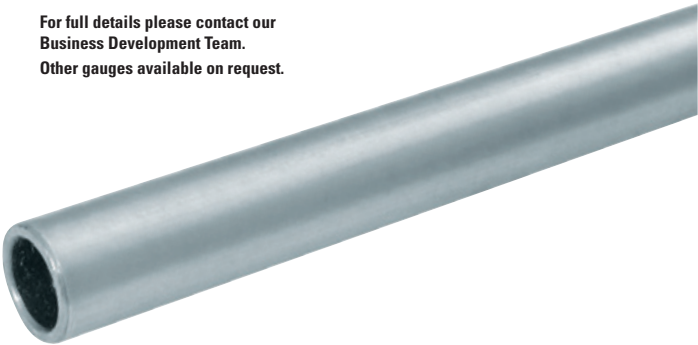
Maximum working pressure has been determined according to DIN 2413 scope of application 1, for primarily static load at temperatures up to 120°C.

3 metre lengths next day.

6 metre lengths may take up to 3 working days to be delivered, dependant on weight and delivery address location. Additional carriage charges may apply.

For full details please contact our Business Development Team.

Other gauges available on request.



Imperial - DIN 2391/C ST37.4, 3 Metre Lengths

0201	OD	SWG	Max Pressure Bar
HST1/4X16G-3M	1/4"	16	648
HST3/8X16G-3M	3/8"	16	377
HST1/2X16G-3M	1/2"	16	267
HST5/8X16G-3M	5/8"	16	207
HST3/4X16G-3M	3/4"	16	169
HST1X16G-3M	1"	16	124
HST1.1/4X16G-3M	1.1/4"	16	98
HST1.1/2X16G-3M	1.1/2"	16	81

Imperial - DIN 2391/C ST37.4, 6 Metre Lengths

0201	OD	SWG	Max Pressure Bar
HST1/4X16G-6M	1/4"	16	648
HST3/8X16G-6M	3/8"	16	377
HST1/2X16G-6M	1/2"	16	267
HST5/8X16G-6M	5/8"	16	207
HST3/4X16G-6M	3/4"	16	169
HST1X16G-6M	1"	16	124
HST1.1/4X16G-6M	1.1/4"	16	98
HST1.1/2X16G-6M	1.1/2"	16	81

IMPERIAL HYDRAULIC TUBING



Reinforcing Tube Inserts



For use with Thin Wall Hydraulic Steel Tube

0350	To Fit Tube Size mm	ID mm
EH4MS	6 x 1	4
EH5MS	6 x 0.5	5
EH6MS	8 x 1	6
EH7MS	10 x 1.5	7
EH8MS	10 x 1	8
EH9MS	12 x 1.5	9
EH10MS	12 x 1	10
EH12MS	14 x 1 & 15 x 1.5	12
EH13MS	15 x 1	13
EH15MS	18 x 1.5	15
EH16MS	18 x 1	16
EH18MS	20 x 1	18
EH19MS	22 x 1.5	19
EH20MS	22 x 1	20
EH24MS	28 x 2	24
EH25MS	28 x 1.5	25

Tech Sheet 1715

Manual Tube Benders

The tube bender is for use in manual vice.

The kit contains 3 bending dies.

Die 1: 6mm and 8mm tube

Die 2: 10mm tube

Die 3: 12mm tube

Tube Size Bend Radius

6mm 19.5mm

8mm 20.5mm

10mm 25.5mm

12mm 26.5mm

Tolerance +/-2mm



To suit Tube O.D. 6mm-12mm

0027
SBV0-612

The tube bender is for use in manual vice. The kit contains 6 bending dies with O.D. 6mm to 18mm, (1/8" to 3/8").

Die 1: 6mm and 8mm tube

Die 2: 10mm tube

Die 3: 12mm tube

Die 4: 14mm tube

Die 5: 16mm tube

Die 6: 18mm tube



To suit Tube O.D. 6mm-18mm

0027
SBV0-618

316 Stainless Steel Tube

3 metre lengths next day.

6 metre lengths may take up to 3 working days to be delivered, dependant on weight and delivery address location. Additional carriage charges may apply.

For full details please contact our Business Development Team.

Minimum of 10 lengths is advised up to 8mm to prevent damage in transit.



Seamless ASTM A269, Metric, 6 Metre Lengths

0214	OD mm	Wall Thickness mm	Max Pressure Bar
765-0610-6M	6	1	428
765-6X1.5-6M	6	1.5	627
765-0810-6M	8	1	321
765-8X1.5-6M	8	1.5	472
765-1013-6M	10	1	257
765-10X1.5-6M	10	1.5	385
765-12X1.5-6M	12	1.5	321
765-1515-6M	15	1.5	257
765-16X1.5-6M	16	1.5	235
765-1602-6M	16	2	321
765-20X2-6M	20	2	257
765-25X2.5-6M	25	2.5	210
765-30X3-6M	30	3	257

Tech Sheet 831

Seamless ASTM A269, Metric, 3 Metre Lengths, Random

0214	OD mm	Wall Thickness mm	Max Pressure Bar
765-0610	6	1	428
765-6X1.5	6	1.5	627
765-6X2	6	2	942
765-0813	8	1	321
765-8X1.5	8	1.5	472
765-8X2	8	2	706
765-1013	10	1	257
765-10X1.5	10	1.5	385
765-10X2	10	2	564
765-1213	12	1	210
765-12X1.5	12	1.5	321
765-12X2	12	2	420
765-1513	15	1	200
765-15X1.5	15	1.5	257
765-15X2	15	2	376
765-16X1.5	16	1.5	235
765-16X2	16	2	321
765-18X1.5	18	1.5	235
765-18X2	18	2	314
765-20X1.5	20	1.5	212
765-20X2	20	2	257
765-20X3	20	3	424
765-22X1.5	22	1.5	193
765-22X2	22	2	256
765-25X1.5	25	1.5	169
765-25X2	25	2	226
765-25X2.5	25	2.5	210
765-25X3	25	3	339
765-28X2	28	2	201
765-30X3	30	3	257
765-35X3	35	3	242
765-42X3	42	3	201

Tech Sheet 831

Seamless ASTM A269, Imperial, 3 Metre Lengths, Random

0214	OD	SWG	Max Pressure Bar
2020-1372	1/8"	20	718
2020-1380	1/4"	20	360
2020-1406	3/8"	20	240
2020-1414	1/2"	20	180
2020-1422	3/4"	20	120
2020-1430	1"	20	90

Tech Sheet 831

Seamless ASTM A269, Imperial, 6 Metre Lengths, Random

0214	OD	SWG	Max Pressure Bar
2020-1372-6M	1/8"	20	750
2020-1380-6M	1/4"	20	360
2020-1406-6M	3/8"	20	240
2020-1414-6M	1/2"	20	180
2020-1422-6M	3/4"	20	120
2020-1430-6M	1"	20	90

Tech Sheet 831



You might also need...
Stainless Steel Fittings
see pages 165-178

Hydraulic Tube Clamps

Our quality range of Hydraulic Tube Clamps have been manufactured to the highest specifications using quality materials and conforms to DIN 3015 and DIN 3570 Standards.

RSB clamps
according to
DIN 3015 are
DNV certified



The vast range includes:

Light, heavy and double units in sizes ranging from 6mm to 168.3mm. Body materials of polypropylene, polyamide, rubber and aluminium, also with plates and bolts in steel (zinc plated) and stainless steel offering anti-corrosion and fire retardant options. U bolts, pipe saddles, steel clamps and O clamps are available.

The range is tried, tested and used extensively throughout the world's manufacturing facilities and in the mobile plant industry.

Applications:

- Hydraulics
- Construction
- Agriculture
- Mining
- OEM Machine Building
- Offshore
- Marine
- Automotive Technology
- Machine Tool
- Lubrication Systems

If you have any requirements for sizes or types of clamps not shown in the catalogue, please contact a member of our sales team.

For tubing
see pages **179-183**



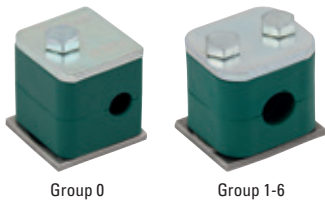


RSB clamps
according to
DIN 3015 are
DNV certified



HYDRAULIC TUBE CLAMPS

Series A Light-duty Complete Clamps



Single Polypropylene Clamps with Hex Head Bolts

0162	OD mm	Group
RAPR3-006	6	0
RAPR3-006.4	6.4	0
RAPR3-008	8	0
RAPR3-009.5	9.5	0
RAPR3-010	10	0
RAPR3-012	12	0
RAPR3-106	6	1
RAPR3-106.4	6.4	1
RAPR3-108	8	1
RAPR3-109.5	9.5	1
RAPR3-110	10	1
RAPR3-112	12	1
RAPR3-212.7	12.7	2
RAPR3-213.5	13.5	2
RAPR3-214	14	2
RAPR3-215	15	2
RAPR3-216	16	2
RAPR3-217.2	17.2	2
RAPR3-218	18	2
RAPR3-319	19	3
RAPR3-320	20	3
RAPR3-321.3	21.3	3
RAPR3-322	22	3
RAPR3-323	23	3
RAPR3-325	25	3
RAPR3-426.9	26.9	4
RAPR3-428	28	4
RAPR3-430	30	4
RAPR3-532	32	5
RAPR3-533.7	33.7	5
RAPR3-535	35	5
RAPR3-538	38	5
RAPR3-540	40	5
RAPR3-542	42	5
RAPR3-644.5	44.5	6
RAPR3-645	45	6
RAPR3-648	48	6
RAPR3-650	50	6
RAPR3-650.8	50.8	6
RAPR3-652	52	6
RAPR3-655	55	6
RAPR3-657	57	6

Series B Standard-duty Complete Clamps

Double Polypropylene Clamps with Hex Head Bolts



0162	OD mm	Group
RBPR1-106	6	1
RBPR1-106.4	6.4	1
RBPR1-108	8	1
RBPR1-109.5	9.5	1
RBPR1-110	10	1
RBPR1-112	12	1
RBPR1-212.7	12.7	2
RBPR1-213.5	13.5	2
RBPR1-214	14	2
RBPR1-215	15	2
RBPR1-216	16	2
RBPR1-217.2	17.2	2
RBPR1-218	18	2
RBPR1-319	19	3
RBPR1-320	20	3
RBPR1-321.3	21.3	3
RBPR1-322	22	3
RBPR1-325	25	3
RBPR1-426.9	26.9	4
RBPR1-428	28	4
RBPR1-430	30	4
RBPR1-532	32	5
RBPR1-533.7	33.7	5
RBPR1-535	35	5
RBPR1-538	38	5
RBPR1-540	40	5
RBPR1-542	42	5

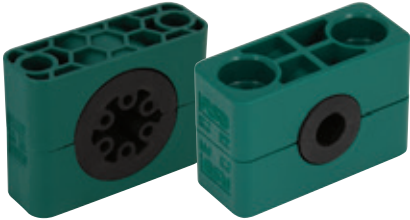
Series C Heavy-duty Complete Clamps

Single Polypropylene Clamps with Hex Head Bolts



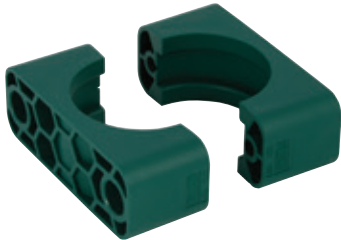
0162	OD mm	Group
RCPR3-106	6	1
RCPR3-108	8	1
RCPR3-110	10	1
RCPR3-112	12	1
RCPR3-112.7	12.7	1
RCPR3-113.5	13.5	1
RCPR3-114	14	1
RCPR3-115	15	1
RCPR3-116	16	1
RCPR3-117.2	17.2	1
RCPR3-118	18	1
RCPR3-219	19	2
RCPR3-220	20	2
RCPR3-221.3	21.3	2
RCPR3-222	22	2
RCPR3-223	23	2
RCPR3-225	25	2
RCPR3-226.9	26.9	2
RCPR3-228	28	2
RCPR3-230	30	2
RCPR3-330	30	3
RCPR3-332	32	3
RCPR3-333.7	33.7	3
RCPR3-335	35	3
RCPR3-338	38	3
RCPR3-340	40	3
RCPR3-342	42	3
RCPR3-438	38	4
RCPR3-440	40	4
RCPR3-442	42	4
RCPR3-445	45	4
RCPR3-448.3	48.3	4
RCPR3-450	50	4
RCPR3-451	51	4
RCPR3-452	52	4
RCPR3-455	55	4
RCPR3-457	57	4
RCPR3-460.3	60.3	4
RCPR3-463	63	4
RCPR3-465	65	4
RCPR3-470	70	4
RCPR3-570	70	5
RCPR3-573	73	5
RCPR3-575	75	5
RCPR3-576.1	76.1	5
RCPR3-580	80	5
RCPR3-582.5	82.5	5
RCPR3-588.9	88.9	5
RCPR3-590	90	5
RCPR3-6101.6	101.6	6
RCPR3-6114.3	114.3	6
RCPR3-6127	127	6
RCPR3-7130	130	7
RCPR3-7140	140	7
RCPR3-7168.3	168.3	7

HYDRAULIC TUBE CLAMPS



Series A Light-duty Noise Protection Clamp Body

Supplied in pairs

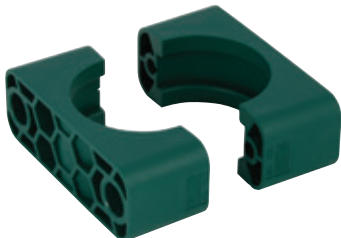


Polypropylene

0162	OD mm	Group
RAPE-4	10	4
RAPE-5	10-12	5
RAPE-6	10-20	6
RAPAE-6	18-30	6
Tech Sheet 10133		

Series C Heavy-duty Noise Protection Clamp Body

Other sizes and materials available on request
Supplied in pairs



Polypropylene

0162	OD mm	Group
RCPE-2	10	2
RCPE-3	10-20	3
RCPE-4	22-35	4
RCPE-5	35-60.3	5
Tech Sheet 10133		

The clamp system for vibration dampening and structure borne noise insulation. Select relevant insert for your tube size and appropriate sized body, for use with all regular plates bolts, etc.

Noise Protection Insert

Other sizes and materials available on request



Group 2 Heavy, Group 4 Light

0162	OD mm	Group
EE-206/406	6	2/4
EE-208/408	8	2/4
EE-210/410	10	2/4
EE-212/412	12	2/4
EE-212.7/412.7	12.7	2/4
EE-214/414	14	2/4
EE-215/415	15	2/4
EE-216/416	16	2/4
EE-217.2/417.2	17.2	2/4
EE-218/418	18	2/4
EE-219/419	19	2/4
Tech Sheet 10133		

Group 3 Heavy, Group 6 Light

0162	OD mm	Group
EE-320/620	20	3/6
EE-321.3/621.3	21.3	3/6
EE-322/622	22	3/6
EE-323/623	23	3/6
EE-325/625	25	3/6
EE-326.9/626.9	26.9	3/6
EE-328/628	28	3/6
EE-330/630	30	3/6
EE-332/632	32	3/6
Tech Sheet 10133		

Group 4 Heavy

0162	OD mm	Group
EE-432	32	4
EE-433.7	33.7	4
EE-435	35	4
EE-438	38	4
EE-440	40	4
EE-442	42	4
EE-445	45	4
EE-448	48	4
EE-451	51	4
EE-453.4	53.4	4
EE-456.4	56.4	4
Tech Sheet 10133		

Noise Protection & Anti-vibration Inserts



Group 2 Heavy, Group 4 Light

0162	OD mm	Group
EFA-410/210	10	2/4
Tech Sheet 10133		

Group 3 Heavy, Group 6 Light

0162	OD mm	Group
EFA-610/310	10	3/6
EFA-612/312	12	3/6
EFA-615/315	15	3/6
EFA-618/318	18	3/6
EFA-620/320	20	3/6
Tech Sheet 10133		

Group 4 Heavy

0162	OD mm	Group
EFA-422	22	4
EFA-425	25	4
EFA-428	28	4
EFA-430	30	4
EFA-435	35	4
Tech Sheet 10133		

Group 5 Light

0162	OD mm	Group
EFA-510	10	5
EFA-512	12	5
EFA-515	15	5
Tech Sheet 10133		

Group 5 Heavy

0162	OD mm	Group
EFA-535	35	5
EFA-538	38	5
EFA-542	42	5
EFA-548.3	48.3	5
EFA-560.3	60.3	5
Tech Sheet 10133		

Group 6 Light

0162	OD mm	Group
EFA-618	18	6
EFA-620	20	6
EFA-622	22	6
EFA-625	25	6
EFA-628	28	6
EFA-630	30	6
Tech Sheet 10133		

HYDRAULIC TUBE CLAMPS



We have simplified the selection of this clamp range by making it self selection.

Select in the following order.

1. Clamp body by material, series, group and tube size.
2. Weld plate by series and group.
3. Top plate by series and group (not required with slotted head and socket head bolts as they countersink into body).
4. Bolts by series and group.

As a regular feature of Series A and B clamps, screws, rail nuts and cover plates are zinc coated, welding plates phosphatized and support rails uncoated.

As a regular feature of Series C clamps, all steel parts are uncoated.

Please order the **same series** to make complete clamp, i.e. **Series A** clamp, **Series A** top plate and **Series A** bottom plate and **Series A** screws or bolts.



**High Pressure
Tube Couplings**
see pages 138-140

Series A Light-duty Clamp Halves

Supplied in pairs



Single Polypropylene

0162	OD mm	Group
RAPR-006	6	0
RAPR-006.4	6.4	0
RAPR-008	8	0
RAPR-009.5	9.5	0
RAPR-010	10	0
RAPR-012	12	0
RAPR-106	6	1
RAPR-106.4	6.4	1
RAPR-108	8	1
RAPR-109.5	9.5	1
RAPR-110	10	1
RAPR-112	12	1
RAPR-212.7	12.7	2
RAPR-213.5	13.5	2
RAPR-214	14	2
RAPR-215	15	2
RAPR-216	16	2
RAPR-217.2	17.2	2
RAPR-218	18	2
RAPR-319	19	3
RAPR-320	20	3
RAPR-321.3	21.3	3
RAPR-322	22	3
RAPR-323	23	3
RAPR-325	25	3
RAPR-426.9	26.9	4
RAPR-428	28	4
RAPR-430	30	4
RAPR-532	32	5
RAPR-533.7	33.7	5
RAPR-535	35	5
RAPR-538	38	5
RAPR-540	40	5
RAPR-542	42	5
RAPR-644.5	44.5	6
RAPR-645	45	6
RAPR-648	48	6
RAPR-650	50	6
RAPR-650.8	50.8	6
RAPR-652	52	6
RAPR-655	55	6
RAPR-657	57	6

Tech Sheet 811

Supplied in pairs



Single Polypropylene Inside Smooth

0162	OD mm	Group
RAPG-106	6	1
RAPG-106.4	6.4	1
RAPG-108	8	1
RAPG-109.5	9.5	1
RAPG-110	10	1
RAPG-112	12	1
RAPG-212.7	12.7	2
RAPG-213.5	13.5	2
RAPG-214	14	2
RAPG-215	15	2
RAPG-216	16	2
RAPG-217.2	17.2	2
RAPG-218	18	2
RAPG-319	19	3
RAPG-320	20	3
RAPG-321.3	21.3	3
RAPG-322	22	3
RAPG-323	23	3
RAPG-325	25	3
RAPG-426.9	26.9	4
RAPG-428	28	4
RAPG-430	30	4
RAPG-532	32	5
RAPG-533.7	33.7	5
RAPG-535	35	5
RAPG-538	38	5
RAPG-540	40	5
RAPG-542	42	5
RAPG-644.5	44.5	6
RAPG-645	45	6
RAPG-648	48	6
RAPG-650	50	6
RAPG-650.8	50.8	6
RAPG-652	52	6
RAPG-655	55	6
RAPG-657	57	6

Tech Sheet 811

HYDRAULIC TUBE CLAMPS

Series A Light-duty Clamp Halves

Supplied in pairs



Single Polyamide 6 Inside Smooth

0162	OD mm	Group
RANG-106	6	1
RANG-106.4	6.4	1
RANG-108	8	1
RANG-109.5	9.5	1
RANG-110	10	1
RANG-112	12	1
RANG-212.7	12.7	2
RANG-213.5	13.5	2
RANG-214	14	2
RANG-215	15	2
RANG-216	16	2
RANG-217.2	17.2	2
RANG-218	18	2
RANG-319	19	3
RANG-320	20	3
RANG-321.3	21.3	3
RANG-322	22	3
RANG-323	23	3
RANG-325	25	3
RANG-426.9	26.9	4
RANG-428	28	4
RANG-430	30	4
RANG-532	32	5
RANG-533.7	33.7	5
RANG-535	35	5
RANG-538	38	5
RANG-540	40	5
RANG-542	42	5
RANG-644.5	44.5	6
RANG-645	45	6
RANG-648	48	6
RANG-650	50	6
RANG-650.8	50.8	6
RANG-652	52	6
RANG-655	55	6
RANG-657	57	6

Tech Sheet 811

Supplied in pairs



Single Rubber

0162	OD mm	Group
RAVG-106	6	1
RAVG-108	8	1
RAVG-109.5	9.5	1
RAVG-110	10	1
RAVG-112	12	1
RAVG-212.7	12.7	2
RAVG-213.5	13.5	2
RAVG-214	14	2
RAVG-215	15	2
RAVG-216	16	2
RAVG-217.2	17.2	2
RAVG-218	18	2
RAVG-319	19	3
RAVG-320	20	3
RAVG-321.3	21.3	3
RAVG-322	22	3
RAVG-323	23	3
RAVG-325	25	3
RAVG-426.9	26.9	4
RAVG-428	28	4
RAVG-430	30	4
RAVG-532	32	5
RAVG-533.7	33.7	5
RAVG-535	35	5
RAVG-538	38	5
RAVG-540	40	5
RAVG-542	42	5
RAVG-644.5	44.5	6
RAVG-645	45	6
RAVG-648	48	6
RAVG-650	50	6
RAVG-650.8	50.8	6
RAVG-652	52	6
RAVG-655	55	6
RAVG-657	57	6

Tech Sheet 811

Supplied in pairs



Single Polyamide 6 (Fire Retardant)

0162	OD mm	Group
RANR-006	6	0
RANR-008	8	0
RANR-009.5	9.5	0
RANR-012	12	0
RANR-106	6	1
RANR-106.4	6.4	1
RANR-110	10	1
RANR-112	12	1
RANR-212.7	12.7	2
RANR-214	14	2
RANR-215	15	2
RANR-216	16	2
RANR-217.2	17.2	2
RANR-218	18	2
RANR-320	20	3
RANR-321.3	21.3	3
RANR-325	25	3
RANR-426.9	26.9	4
RANR-532	32	5
RANR-533.7	33.7	5
RANR-538	38	5
RANR-540	40	5
RANR-542	42	5
RANR-644.5	44.5	6
RANR-650.8	50.8	6

Tech Sheet 811



Supplied in pairs

Single Aluminium

0162	OD mm	Group
RAAR-106	6	1
RAAR-106.4	6.4	1
RAAR-108	8	1
RAAR-109.5	9.5	1
RAAR-110	10	1
RAAR-112	12	1
RAAR-212.7	12.7	2
RAAR-213.5	13.5	2
RAAR-214	14	2
RAAR-215	15	2

0162	OD mm	Group
RAAR-216	16	2
RAAR-217.2	17.2	2
RAAR-218	18	2
RAAR-319	19	3
RAAR-320	20	3
RAAR-321.3	21.3	3
RAAR-322	22	3
RAAR-323	23	3
RAAR-325	25	3
RAAR-426.9	26.9	4

0162	OD mm	Group
RAAR-430	30	4
RAAR-532	32	5
RAAR-533.7	33.7	5
RAAR-535	35	5
RAAR-538	38	5
RAAR-540	40	5
RAAR-542	42	5
RAAR-648	48	6
RAAR-650	50	6

Tech Sheet 811

HYDRAULIC TUBE CLAMPS

Tube Identification System

Tube labelling/identification system
Complete with plastic cover and galvanised steel strap.



Universal Holder

0162	To Suit
UNH	Up to 2.1/2" OD

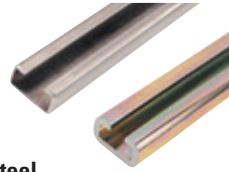
Tube labelling/identification system
Complete with plastic cover and 100mm welding pin.



Welding Holder

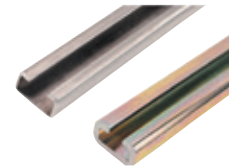
0162	To Suit
SWH	100mm Welding Pin

Clamping Rails



Series A, B & C, Steel

0162	Series	Length Metres	Depth mm
TS11-A/B1	A & B	1	11
TS11-A/B2	A & B	2	11
TS14-A/B1	A & B	1	14
TS14-A/B2	A & B	2	14
TS-C1	C	1	22
TS-C2	C	2	22
Tech Sheet 1640			



Series A, B & C, Stainless Steel

0162	Series	Length Metres	Depth mm
TS11-A/B1-SS	A & B	1	11
TS11-A/B2-SS	A & B	2	11
TS14-A/B1-SS	A & B	1	14
TS14-A/B2-SS	A & B	2	14
TS-C1-SS	C	1	22
TS-C2-SS	C	2	22
Tech Sheet 1640			

stainless steel

Clamping Nuts



Series A, B & C, Chromium VI-Free

0162	Group	Series
TM-A	All A & B1	A & B1
TM-B2	2-5	B
TM-C1	1-3	C
TM-C4	4	C
Tech Sheet 1640		



Series A, B & C, Stainless Steel

0162	Group	Series
TM-A/B1	All A & B1	A & B1
TM-B2-SS	2-5	B
TM-C1-SS	1-3	B
TM-C4-SS	4	C
Tech Sheet 1640		

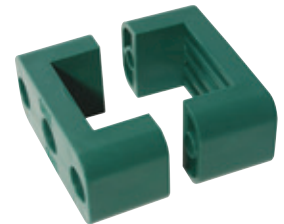
stainless steel

Special Clamps

Fixing Clamps for 40 x 40mm square cased sensors built to EN 50 025 and 50 037.

The sensors can be adjusted axially and laterally when mounted on support rails.

Accessory materials are Series A, Group 5.



Series A Sensor Clamps

0162	Material
RAPS-540	Polypropylene
RANS-540	Polyamide 6
Tech Sheet 814	

You might also need a
RIDGID® StrutSlayr
see page 1744



HYDRAULIC TUBE CLAMPS

Series A Weld Plates



Short Weld Plate, Stainless Steel

stainless steel

0162	Group
APK-A0-SS	0
APK-A1-SS	1
APK-A2-SS	2
APK-A3-SS	3
APK-A4-SS	4
APK-A5-SS	5
APK-A6-SS	6
APK-A7-SS	7
APK-A8-SS	8

Tech Sheet 811



Short Weld Plate, Steel

0162	Group
APK-A0	0
APK-A1	1
APK-A2	2
APK-A3	3
APK-A4	4
APK-A5	5
APK-A6	6

Tech Sheet 811



Multiple Weld Plate, Steel

0162	Group	Centres mm
APR-A0	0	-
APR-A1	1	20
APRL-A1	1	20
APR-A2	2	26
APRL-A2	2	26
APR-A3	3	33
APRL-A3	3	33
APR-A4	4	40
APR-A5	5	52
APR-A6	6	66

Tech Sheet 812



Weld/Screw Plate, Steel

0162	Group
APL-A0	0
APL-A1	1
APL-A2	2
APL-A3	3
APL-A4	4
APL-A5	5
APL-A6	6

Tech Sheet 812

Weld/Screw Plate, Stainless Steel

stainless steel

0162	Group
APL-A1-SS	1
APL-A2-SS	2
APL-A3-SS	3
APL-A4-SS	4
APL-A5-SS	5
APL-A6-SS	6

Tech Sheet 812



Twin Weld Plate, Steel

0162	Group	Centres mm
APD-A0	0	-
APD-A1	1	20
APDL-A1	1	20
APD-A2	2	26
APDL-A2	2	26
APD-A3	3	33
APDL-A3	3	33
APD-A5	5	52
APD-A6	6	66

Tech Sheet 812



You might also need
Hydraulic Tubing
see pages 179-183



Single, Steel

0162	Group
DP-A0	0
DP-A1	1
DP-A2	2
DP-A3	3
DP-A4	4
DP-A5	5
DP-A6	6

Tech Sheet 813

Single, Stainless Steel

stainless steel

0162	Group
DP-A0-SS	0
DP-A1-SS	1
DP-A2-SS	2
DP-A3-SS	3
DP-A4-SS	4
DP-A5-SS	5
DP-A6-SS	6
DP-A7-SS	7
DP-A8-SS	8

Tech Sheet 813

Series A Locking Plates



Steel

0162	Group
SBR-A	0-6

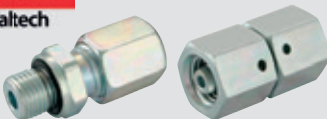
Tech Sheet 1391

Stainless Steel

stainless steel

0162	Group
SBR-A-SS	0-6

Tech Sheet 1391



You might also need
Hydraulic Fittings
see pages 115-135

HYDRAULIC TUBE CLAMPS

Series A Fixing Bolts



Slotted Head, Steel

0162	Group
SL-A0/A1	0 & 1
SL-A2	2
SL-A3	3
SL-A4	4
SL-A5	5
SL-A6	6
Tech Sheet 813	



Socket Head, Steel

0162	Group
IS-A0/A1	0 & 1
IS-A2	2
IS-A3	3
IS-A4	4
IS-A5	5
IS-A6	6
Tech Sheet 813	



Stacking Head, Steel

0162	Group
AS-A0/A1	0 & 1
AS-A2	2
AS-A3	3
AS-A4	4
AS-A5	5
AS-A6	6
Tech Sheet 1391	

Stacking Head, Stainless Steel

0162	Group
AS-A0/A1-SS	0 & 1
AS-A2-SS	2
AS-A3-SS	3
AS-A4-SS	4
AS-A5-SS	5
AS-A6-SS	6
Tech Sheet 1391	



Hexagon Head, Steel

0162	Group
SSL-A0/A1	0 & 1
SSL-A2	2
SSL-A3	3
SSL-A4	4
SSL-A5	5
SSL-A6	6
SSL-A7	7
Tech Sheet 813	

Hexagon Head, Stainless Steel

0162	Group
SSL-A0/A1-SS	0 & 1
SSL-A2-SS	2
SSL-A3-SS	3
SSL-A4-SS	4
SSL-A5-SS	5
SSL-A6-SS	6
Tech Sheet 813	



Visitec Clamping Nuts, Light Series

The rail nut with loss protection.

The larger flange area prevents the rail nut falling into the rail during installation which is a problem inherent to the traditional design. The new design has a vibration and sound installation function.

The rubber cap has an integrated screw locking device. Fast and easy to install, easy to adjust, especially for vertical installations.

Advantages:

- Vibration and sound insulating function
- Designed especially for vertical installations
- Fast and easy to install
- 40% time savings for installers



Series A, Chromium VI-Free

0162	Group	Series
TM-A/B1VISITEC	All A & B1	A & B1
Tech Sheet 1981		

Series A, Stainless Steel

0162	Group	Series
TM-A/B1SSVISITEC	All A & B1	A & B1
Tech Sheet 1981		

Locking Washers



Series A & B

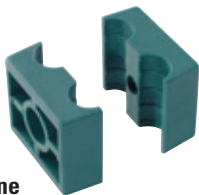
0162	Group
US-A	1
US-B2	2-5
Tech Sheet 1391	

HYDRAULIC TUBE CLAMPS

Please order the same series to make complete clamp, i.e. **Series B** clamp and **Series B** top plate and **Series B** bottom plate and **Series B** screws or bolts.

Series B Clamp Halves

Supplied in pairs



Double Polypropylene

0162	OD mm	Group
RBPR-106	6	1
RBPR-106.4	6.4	1
RBPR-108	8	1
RBPR-109.5	9.5	1
RBPR-110	10	1
RBPR-112	12	1
RBPR-212.7	12.7	2
RBPR-213.5	13.5	2
RBPR-214	14	2
RBPR-215	15	2
RBPR-216	16	2
RBPR-217.2	17.2	2
RBPR-218	18	2
RBPR-319	19	3
RBPR-320	20	3
RBPR-321.3	21.3	3
RBPR-322	22	3
RBPR-325	25	3
RBPR-426.9	26.9	4
RBPR-428	28	4
RBPR-430	30	4
RBPR-532	32	5
RBPR-533.7	33.7	5
RBPR-535	35	5
RBPR-538	38	5
RBPR-540	40	5
RBPR-542	42	5

Tech Sheet 1641

Supplied in pairs



Double Polypropylene
Inside Smooth

0162	OD mm	Group
RBPG-106	6	1
RBPG-106.4	6.4	1
RBPG-108	8	1
RBPG-109.5	9.5	1
RBPG-110	10	1
RBPG-112	12	1
RBPG-212.7	12.7	2
RBPG-213.5	13.5	2
RBPG-214	14	2
RBPG-215	15	2
RBPG-216	16	2
RBPG-217.2	17.2	2
RBPG-218	18	2
RBPG-319	19	3
RBPG-320	20	3
RBPG-321.3	21.3	3
RBPG-322	22	3
RBPG-325	25	3
RBPG-426.9	26.9	3
RBPG-428	28	4
RBPG-430	30	4
RBPG-532	32	4
RBPG-533.7	33.7	5
RBPG-535	35	5
RBPG-538	38	5
RBPG-540	40	5
RBPG-542	42	5

Tech Sheet 1641

Supplied in pairs



Double Polyamide 6
(Fire Retardant)

0162	OD mm	Group
RBNR-106.4	6.4	1
RBNR-109.5	9.5	1
RBNR-212.7	12.7	2
RBNR-213.5	13.5	2
RBNR-214	14	2
RBNR-215	15	2
RBNR-218	18	2
RBNR-320	20	3
RBNR-322	22	3
RBNR-325	25	3
RBNR-428	28	4
RBNR-533.7	33.7	5
RBNR-535	35	5

Tech Sheet 1641

Supplied in pairs



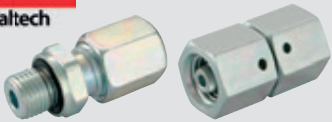
Double Polyamide 6
Inside Smooth

0162	OD mm	Group
RBNG-106	6	1
RBNG-106.4	6.4	1
RBNG-108	8	1
RBNG-109.5	9.5	1
RBNG-110	10	1
RBNG-112	12	1
RBNG-212.7	12.7	2
RBNG-213.5	13.5	2
RBNG-214	14	2
RBNG-215	15	2
RBNG-216	16	2
RBNG-217.2	17.2	2
RBNG-218	18	2
RBNG-319	19	3
RBNG-320	20	3
RBNG-321.3	21.3	3
RBNG-322	22	3
RBNG-325	25	3
RBNG-426.9	26.9	3
RBNG-428	28	4
RBNG-430	30	4
RBNG-532	32	4
RBNG-533.7	33.7	5
RBNG-535	35	5
RBNG-538	38	5
RBNG-542	42	5

Tech Sheet 1641



You might also need
Hydraulic Tubing
see pages 179-183



You might also need
Hydraulic Fittings
see pages 115-135

HYDRAULIC TUBE CLAMPS

Series B Clamp Halves

Supplied in pairs

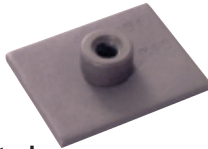


Double Rubber

0162	OD mm	Group
RBVG-106	6	1
RBVG-106.4	6.4	1
RBVG-108	8	1
RBVG-109.5	9.5	1
RBVG-110	10	1
RBVG-112	12	1
RBVG-212.7	12.7	2
RBVG-213.5	13.5	2
RBVG-214	14	2
RBVG-215	15	2
RBVG-216	16	2
RBVG-217.2	17.2	2
RBVG-218	18	2
RBVG-319	19	3
RBVG-320	20	3
RBVG-321.3	21.3	3
RBVG-322	22	3
RBVG-325	25	3
RBVG-426.9	26.9	4
RBVG-428	28	4
RBVG-430	30	4
RBVG-532	32	5
RBVG-533.7	33.7	5
RBVG-535	35	5
RBVG-538	38	5
RBVG-542	42	5

Tech Sheet 1641

Series B Weld Plates



Short Weld Plate, Steel

0162	Group
AP-B1	1
AP-B2	2
AP-B3	3
AP-B4	4
AP-B5	5

Tech Sheet 1641

Short Weld Plate, Stainless Steel

0162	Group
AP-B1-SS	1
AP-B2-SS	2
AP-B3-SS	3
AP-B4-SS	4
AP-B5-SS	5

Tech Sheet 1641

For illustration purposes only

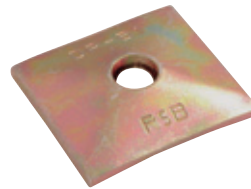


Multiple Weld Plate, Steel

0162	Group	Centres mm
APR-B1	1	40
APR-B2	2	58
APR-B3	3	72
APR-B4	4	90
APR-B5	5	112

Tech Sheet 1642

Series B Cover Plates



Double, Steel

0162	Group
DP-B1	1
DP-B2	2
DP-B3	3
DP-B4	4
DP-B5	5

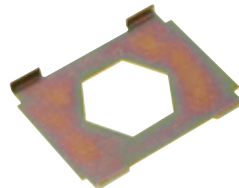
Tech Sheet 1643

Double, Stainless Steel

0162	Group
DP-B1-SS	1
DP-B2-SS	2
DP-B3-SS	3
DP-B4-SS	4
DP-B5-SS	5

Tech Sheet 1643

Series B Locking Plates



Steel

0162	Group
SB-B1	1
SB-B2	2-5

Tech Sheet 1644



Series B Fixing Bolts



Socket Head, Steel

0162	Group
IS-B1	1
IS-B2	2
IS-B3	3
IS-B5	5

Tech Sheet 1644



Stacking Head, Steel

0162	Group
AS-B1	1
AS-B2	2
AS-B3	3
AS-B4	4
AS-B5	5

Tech Sheet 1644

Stacking Head, Stainless Steel

stainless steel

0162	Group
AS-B1-SS	1
AS-B2-SS	2
AS-B3-SS	3
AS-B4-SS	4
AS-B5-SS	5

Tech Sheet 1644



Hexagon Head, Steel

0162	Group
SS-B1	1
SS-B2	2
SS-B3	3
SS-B4	4
SS-B5	5

Tech Sheet 1643

Hexagon Head, Stainless Steel

stainless steel

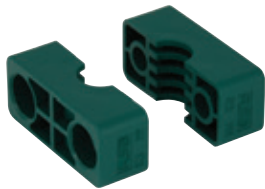
0162	Group
SS-B1-SS	1
SS-B2-SS	2
SS-B3-SS	3

Tech Sheet 1643

HYDRAULIC TUBE CLAMPS

Series C Heavy-duty Clamp Halves

Supplied in pairs



Single Polypropylene

0162	OD mm	Group
RCPR-106	6	1
RCPR-108	8	1
RCPR-110	10	1
RCPR-112	12	1
RCPR-112.7	12.7	1
RCPR-113.5	13.5	1
RCPR-114	14	1
RCPR-115	15	1
RCPR-116	16	1
RCPR-117.2	17.2	1
RCPR-118	18	1
RCPR-219	19	2
RCPR-220	20	2
RCPR-221.3	21.3	2
RCPR-222	22	2
RCPR-223	23	2
RCPR-225	25	2
RCPR-226.9	26.9	2
RCPR-228	28	2
RCPR-230	30	2
RCPR-330	30	3
RCPR-332	32	3
RCPR-333.7	33.7	3
RCPR-335	35	3
RCPR-338	38	3
RCPR-340	40	3
RCPR-342	42	3
RCPR-438	38	4
RCPR-440	40	4
RCPR-442	42	4
RCPR-445	45	4
RCPR-448.3	48.3	4
RCPR-450	50	4
RCPR-451	51	4
RCPR-452	52	4
RCPR-455	55	4
RCPR-457	57	4
RCPR-460.3	60.3	4
RCPR-463	63	4
RCPR-465	65	4
RCPR-470	70	4
RCPR-570	70	5
RCPR-573	73	5
RCPR-575	75	5
RCPR-576.1	76.1	5
RCPR-580	80	5
RCPR-582.5	82.5	5
RCPR-588.9	88.9	5
RCPR-590	90	5
RCPR-6101.6	101.6	6
RCPR-6114.3	114.3	6
RCPR-6127	127	6
RCPR-7130	130	7
RCPR-7140	140	7
RCPR-7168.3	168.3	7

Tech Sheet 1645

Supplied in pairs



Single Polyamide 6 (Fire Retardant)

0162	OD mm	Group
RCNR-106	6	1
RCNR-108	8	1
RCNR-110	10	1
RCNR-112	12	1
RCNR-112.7	12.7	1
RCNR-113.5	13.5	1
RCNR-114	14	1
RCNR-115	15	1
RCNR-116	16	1
RCNR-117.2	17.2	1
RCNR-118	18	1
RCNR-220	20	2
RCNR-221.3	21.3	2
RCNR-222	22	2
RCNR-223	23	2
RCNR-225	25	2
RCNR-226.9	26.9	2
RCNR-228	28	2
RCNR-230	30	2
RCNR-330	30	3
RCNR-332	32	3
RCNR-333.7	33.7	3
RCNR-335	35	3
RCNR-338	38	3
RCNR-340	40	3
RCNR-342	42	3
RCNR-438	38	4
RCNR-440	40	4
RCNR-442	42	4
RCNR-445	45	4
RCNR-448.3	48.3	4
RCNR-450	50	4
RCNR-451	51	4
RCNR-452	52	4
RCNR-455	55	4
RCNR-457	57	4
RCNR-460.3	60.3	4
RCNR-463	63	4
RCNR-465	65	4
RCNR-470	70	4
RCNR-570	70	5
RCNR-573	73	5
RCNR-575	75	5
RCNR-576.1	76.1	5
RCNR-580	80	5
RCNR-582.5	82.5	5
RCNR-588.9	88.9	5
RCNR-590	90	5

Tech Sheet 1645

Supplied in pairs



Single Aluminium

0162	OD mm	Group
RCAR-110	10	1
RCAR-220	20	2
RCAR-221.3	21.3	2
RCAR-222	22	2
RCAR-226.9	26.9	2
RCAR-230	30	2
RCAR-330	30	3
RCAR-332	32	3
RCAR-333.7	33.7	3
RCAR-338	38	3
RCAR-340	40	3
RCAR-448.3	48.3	4
RCAR-450	50	4
RCAR-455	55	4
RCAR-460.3	60.3	4
RCAR-470	70	4

Tech Sheet 1645

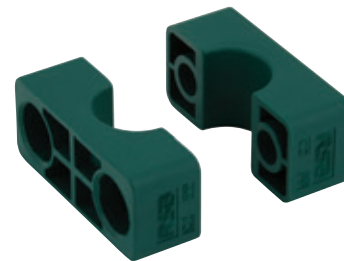
Please order the same series to make complete clamp, i.e. Series C Clamp & Series C Top Plate & Series C Bottom Plate & Series C Screws or Bolts.

HYDRAULIC TUBE CLAMPS



Series C Heavy-duty Clamp Halves

Supplied in pairs



Single Polypropylene Inside Smooth

Ø162	OD mm	Group
RCPG-106	6	1
RCPG-108	8	1
RCPG-110	10	1
RCPG-112	12	1
RCPG-112.7	12.7	1
RCPG-114	14	1
RCPG-115	15	1
RCPG-116	16	1
RCPG-117.2	17.2	1
RCPG-118	18	1
RCPG-219	19	2
RCPG-220	20	2
RCPG-221.3	21.3	2
RCPG-222	22	2
RCPG-225	25	2
RCPG-226.9	26.9	2
RCPG-230	30	2
RCPG-330	30	3
RCPG-332	32	3
RCPG-333.7	33.7	3
RCPG-335	35	3
RCPG-338	38	3
RCPG-340	40	3
RCPG-342	42	3

Ø162	OD mm	Group
RCPG-438	38	4
RCPG-440	40	4
RCPG-442	42	4
RCPG-445	45	4
RCPG-448.3	48.3	4
RCPG-450	50	4
RCPG-452	52	4
RCPG-455	55	4
RCPG-457	57	4
RCPG-460.3	60.3	4
RCPG-465	65	4
RCPG-470	70	4
RCPG-560.3	60.3	5
RCPG-573	73	5
RCPG-576.1	76.1	5
RCPG-580	80	5
RCPG-588.9	88.9	5
RCPG-6100	100	6
RCPG-6101.6	101.6	6
RCPG-6114.3	114.3	6
RCPG-7108	108	7
RCPG-7168.3	168.3	7
RCPG-8168.3	168.3	8

Tech Sheet 1645

You might also need
Hydraulic Ball Valves
 see pages **238-240**



HYDRAULIC TUBE CLAMPS

Series C Weld Plates



Short Weld Plate, Steel

0162	Group
AP-C1	1
AP-C2	2
AP-C3	3
AP-C4	4
AP-C5	5
AP-C6	6
AP-C7	7
Tech Sheet 1646	

Short Weld Plate, Stainless Steel

stainless steel

0162	Group
AP-C1-SS	1
AP-C2-SS	2
AP-C3-SS	3
AP-C4-SS	4
AP-C5-SS	5
AP-C6-SS	6
AP-C7-SS	7
AP-C8-SS	8
Tech Sheet 1646	



Weld/Screw Plate, Steel

0162	Group
APL-C1	1
APL-C2	2
APL-C3	3
APL-C4	4
APL-C5	5
Tech Sheet 1646	



Short Double Weld Plate, Steel

0162	Group
APD-C1	1
APD-C2	2
APD-C3	3
APD-C5	5
Tech Sheet 1646	

Series C Cover Plates



Single, Steel

0162	Group
DP-C1	1
DP-C2	2
DP-C3	3
DP-C4	4
DP-C5	5
DP-C6	6
DP-C7	7
Tech Sheet 1647	

Single, Stainless Steel

stainless steel

0162	Group
DP-C1-SS	1
DP-C2-SS	2
DP-C3-SS	3
DP-C4-SS	4
DP-C5-SS	5
DP-C6-SS	6
DP-C7-SS	7
DP-C8-SS	8
Tech Sheet 1647	



Double, Steel

0162	Group
DPD-C1	1
DPD-C2	2
DPD-C3	3
DPD-C4	4
DPD-C5	5
Tech Sheet 1647	

Series C Locking Plates



Steel

0162	Group
SP-C1	1
SP-C2	2
SP-C3	3
SP-C4	4
SP-C5	5
Tech Sheet 1648	

Stainless Steel

stainless steel

0162	Group
SP-C1-SS	1
SP-C2-SS	2
SP-C3-SS	3
SP-C4-SS	4
SP-C5-SS	5
SP-C6-SS	6
SP-C7-SS	7
SP-C8-SS	8
Tech Sheet 1648	

Series C Fixing Bolts



Socket Head, Steel

0162	Group
IS-C1	1
IS-C2	2
IS-C3	3
IS-C4	4
IS-C5	5
Tech Sheet 1648	



Stacking Head, Steel

0162	Group
AS-C1	1
AS-C2	2
AS-C3	3
AS-C4	4
AS-C5	5
Tech Sheet 1648	

Stacking Head, Stainless Steel

stainless steel

0162	Group
AS-C1-SS	1
AS-C2-SS	2
AS-C3-SS	3
AS-C4-SS	4
Tech Sheet 1648	



Hexagon Head, Steel

0162	Group
SS-C1	1
SS-C2	2
SS-C3	3
SS-C4	4
SS-C5	5
SS-C6	6
SS-C7	7
Tech Sheet 1647	

Hexagon Head, Stainless Steel

stainless steel

0162	Group
SS-C1-SS	1
SS-C2-SS	2
SS-C3-SS	3
SS-C4-SS	4
SS-C5-SS	5
Tech Sheet 1647	

HYDRAULIC TUBE CLAMPS

U-Bolt Clamps

DIN 3570



2 Nuts Steel Clamps

0162	Size mm
RUBS-15/24	15-24
RUBS-20/30	20-30
RUBS-25/38	25-38
RUBS-32/46	32-46
RUBS-40/52	40-52
RUBS-50/64	50-64
RUBS-65/82	65-82
RUBS-80/94	80-94
RUBS-100/120	100-120
RUBS-125/148	125-148
RUBS-150/176	150-176
Tech Sheet 1650	

DIN 3570

Bolts: Zinc Plated

2 Nuts Zinc Plated Steel Clamps

0162	Size mm
RUBZ-15/24	15-24
RUBZ-20/30	20-30
RUBZ-25/38	25-38
RUBZ-32/46	32-46
RUBZ-40/52	40-52
RUBZ-50/64	50-64
RUBZ-65/82	65-82
RUBZ-80/94	80-94
RUBZ-100/120	100-120
RUBZ-150/176	150-176
RUBZ-175/202	175-202
RUBZ-250/282	250-282
Tech Sheet 1650	

4 Nuts Steel Clamps

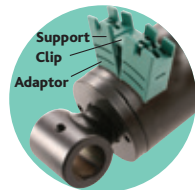
0162	Size mm
RUBLS-15/24	15-24
RUBLS-20/30	20-30
RUBLS-25/38	25-38
RUBLS-32/46	32-46
RUBLS-50/64	50-64
RUBLS-65/82	65-82
RUBLS-80/94	80-94
RUBLS-100/120	100-120
RUBLS-125/148	125-148
Tech Sheet 1650	

Bolts: Zinc Plated

4 Nuts Zinc Plated Steel Clamps

0162	Size mm
RUBLZ-20/30	20-30
RUBLZ-32/46	32-46
RUBLZ-50/64	50-64
RUBLZ-65/82	65-82
RUBLZ-80/94	80-94
RUBLZ-100/120	100-120
RUBLZ-125/148	125-148
Tech Sheet 1650	

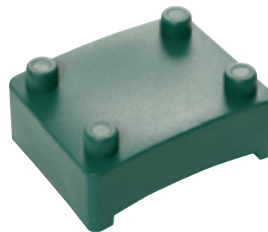
Cylinder Tube Fastenings



Supports

0162	Group
RLP-16	16
RLP-22	22
Tech Sheet 1649	

NOTE: To suit all cylinder tube fastenings.



Adaptor

0162	ADP
Tech Sheet 1649	

RSB

Pipe Saddles



Long Polypropylene

0162	Size mm
KUPL-15/17.2	15-17.2
KUPL-15/21.3	15-21.3
KUPL-20/25	20-25
KUPL-20/26.9	20-26.9
KUPL-25/30	25-30
KUPL-25/33.7	25-33.7
KUPL-32/38	32-38
KUPL-32/42.4	32-42.4
KUPL-40/44.5	40-44.5
KUPL-40/48.3	40-48.3
KUPL-50/57	50-57
KUPL-50/60.3	50-60.3
KUPL-65/76.1	65-76.1
KUPL-80/88.9	80-88.9
KUPL-100/108	100-108
KUPL-100/114.3	100-114.3
Tech Sheet 1651	



Long Polyamide 6 (Fire Retardant)

0162	Size mm
KUNL-20/25	20-25
KUNL-20/26.9	20-26.9
KUNL-25/30	25-30
KUNL-25/33.7	25-33.7
KUNL-32/38	32-38
KUNL-40/44.5	40-44.5
KUNL-40/48.3	40-48.3
KUNL-50/57	50-57
KUNL-50/60.3	50-60.3
KUNL-65/76.1	65-76.1
KUNL-80/88.9	80-88.9
KUNL-100/108	100-108
KUNL-100/114.3	100-114.3
Tech Sheet 1651	

HYDRAULIC TUBE CLAMPS

Hydraulic Steel Clamps

The support-block is welded to the machine body or another component either in upend or flat position. The tube clamp is screwed on.



HRS Series Clamps

0162	To Fit Tube Size mm
HSRS-25	25
HSRS-30	30
HSRS-35	35
HSRS-38	38
HSRS-42	42
Tech Sheet 1653	

Improved quality as regards noise and vibration reduction.
Safe fastening method even for very sensitive tube and hose lines.
Only one clamp for different diameters.



Elastomer Inlay

0162	To Fit Tube Size mm
EE25-12	25 x 12
EE25-15	25 x 15
EE30-20	30 x 20
EE35-25	35 x 25
EE42-30	42 x 30
Tech Sheet 1653	

Cover to suit Double Clamps



Galvanised Steel

0162	Group
DP-01	1
DP-02	2
DP-03	3
DP-04	4
Tech Sheet 1655	

Flat Tube Clamps

DIN 3570



Steel

0162	NB mm
FRDS-20A	20
FRDS-22A	22
FRDS-25A	25
FRDS-27A	27
FRDS-30A	30
FRDS-34A	34
FRDS-38A	38
FRDS-43A	43
FRDS-45A	45
FRDS-49A	49
FRDS-57A	57
FRDS-61A	61
FRDS-77A	77
FRDS-89A	89
FRDS-108A	108
FRDS-115A	115
FRDS-133A	133
FRDS-169A	169
Tech Sheet 1654	



Galvanised Steel

0162	NB mm
FRDZ-22A	22
FRDZ-25A	25
FRDZ-30A	30
FRDZ-34A	34
FRDZ-38A	38
FRDZ-43A	43
FRDZ-45A	45
FRDZ-49A	49
FRDZ-57A	57
FRDZ-61A	61
FRDZ-77A	77
FRDZ-89A	89
FRDZ-115A	115
FRDZ-159A	159
FRDZ-169A	169
FRDZ-194A	194
FRDZ-220A	220
Tech Sheet 1654	

HYDRAULIC TUBE CLAMPS



Series O Clamps

Areas of Application: Pneumatics, automotive technology, machine tool industry, lubrication and naval technology.



Single Polypropylene

Ø162	OD mm	Group
ROP-106	6	1
ROP-106.4	6.4	1
ROP-108	8	1
ROP-208	8	2
ROP-209.5	9.5	2
ROP-210	10	2
ROP-212	12	2
ROP-212.7	12.7	2
ROP-310	10	3
ROP-312	12	3
ROP-312.7	12.7	3
ROP-313.5	13.5	3
ROP-314	14	3
ROP-315	15	3
ROP-316	16	3
ROP-415	15	4
ROP-416	16	4
ROP-417.2	17.2	4
ROP-418	18	4
ROP-419	19	4
ROP-420	20	4
ROP-421.3	21.3	4
ROP-422	22	4

Tech Sheet 1655



Single Polyamide 6 (Fire Retardant)

Ø162	OD mm	Group
RON-106	6	1
RON-106.4	6.4	1
RON-108	8	1
RON-208	8	2
RON-209.5	9.5	2
RON-210	10	2
RON-212	12	2
RON-212.7	12.7	2
RON-312	12	3
RON-312.7	12.7	3
RON-313.5	13.5	3
RON-314	14	3
RON-315	15	3
RON-316	16	3
RON-414	14	4
RON-415	15	4
RON-416	16	4
RON-417.2	17.2	4
RON-418	18	4
RON-419	19	4
RON-420	20	4
RON-421.3	21.3	4
RON-422	22	4

Tech Sheet 1655



Double Polypropylene

Ø162	OD mm	Group
ROPD-106	6	1
ROPD-106.4	6.4	1
ROPD-108	8	1
ROPD-208	8	2
ROPD-209.5	9.5	2
ROPD-210	10	2
ROPD-212	12	2
ROPD-212.7	12.7	2
ROPD-310	10	3
ROPD-312	12	3
ROPD-312.7	12.7	3
ROPD-313.5	13.5	3
ROPD-314	14	3
ROPD-315	15	3
ROPD-316	16	3
ROPD-414	14	4
ROPD-415	15	4
ROPD-416	16	4
ROPD-417.2	17.2	4
ROPD-418	18	4
ROPD-419	19	4
ROPD-420	20	4
ROPD-421.3	21.3	4
ROPD-422	22	4

Tech Sheet 1655



Double Polyamide 6 (Fire Retardant)

Ø162	OD mm	Group
ROND-106	6	1
ROND-106.4	6.4	1
ROND-108	8	1
ROND-208	8	2
ROND-209.5	9.5	2
ROND-210	10	2
ROND-212	12	2
ROND-212.7	12.7	2
ROND-310	10	3
ROND-312	12	3
ROND-312.7	12.7	3
ROND-313.5	13.5	3
ROND-314	14	3
ROND-315	15	3
ROND-316	16	3
ROND-414	14	4
ROND-415	15	4
ROND-416	16	4
ROND-417.2	17.2	4
ROND-418	18	4
ROND-419	19	4
ROND-420	20	4
ROND-421.3	21.3	4
ROND-422	22	4

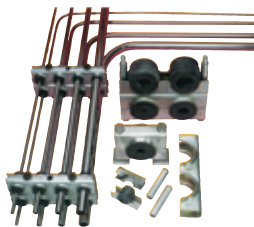
Tech Sheet 1655

MULTICLAMP

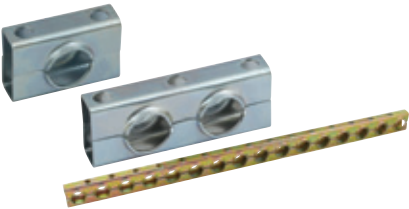
Multiclamper is a system of components, each one engineered to a high standard, that together build to provide effective, all purpose pipe work clamping. Available in a single, double and multiple hole clamps across 3 sizes, each with a range of split bushes allowing the clamping of hose or pipe with diameters from 6mm up to 50mm.

Features

- High quality pipe clamping system in 3 ranges Series 10, 16, 32
- Covers a range from 6mm up to 50mm
- 26 different diameter, high quality split rubber bushes
- Plated steel construction with anti-corrosive, full passivate
- Stainless steel option available upon request



Series 10



Steel Clamp Body

0045	Type	Box Quantity
MC101	Single Clamp	10
MC102	Double Clamp	10
MC1016	16 Bay Clamp	1
Tech Sheet 10178		



Split Bushes

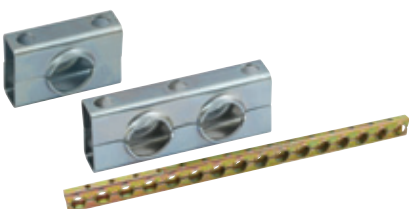
0045	OD mm	OD	Box Quantity
MCG105	8	5/16"	10
MCG106	10	3/8"	10
MCG108	12-14	1/2"	10
MCG1010	15-16	5/8"	10
MCG1012	18-20	3/4"	10
Tech Sheet 10178			



Clamp Components

0045	Type	Box Quantity
MCN10	Stacking Nut	50
MCS10	Stacking Stud	50
MCWP10	Weld Plate	10
MCSB10	Standard Bolt	50
Tech Sheet 10178		

Series 16



Steel Clamp Body

0045	Type	Box Quantity
MC161	Single Clamp	10
MC162	Double Clamp	10
MC1612	12 Bay Clamp	1
Tech Sheet 10178		



Split Bushes

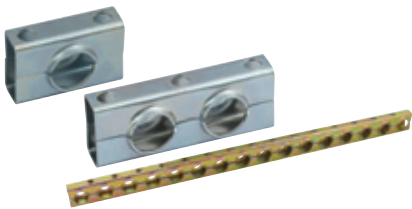
0045	OD mm	OD	Box Quantity
MCG164	6	1/4"	10
MCG166	10	3/8"	10
MCG168	12-14	1/2"	10
MCG1610	15-16	5/8"	10
MCG1612	18-20	3/4"	10
MCG1614	22	7/8"	10
MCG1616	25	1"	10
MCG1618	28	-	10
Tech Sheet 10178			



Clamp Components

0045	Type	Box Quantity
MCN16	Stacking Nut	50
MCS16	Stacking Stud	50
MCWP16	Weld Plate	10
MCSB16	Standard Bolt	50
Tech Sheet 10178		

Series 32



Steel Clamp Body

0045	Type	Box Quantity
MC321	Single Clamp	10
MC322	Double Clamp	10
MC3216	16 Bay Clamp	1
Tech Sheet 10178		



Split Bushes

0045	OD mm	OD	Box Quantity
MCG326	10	3/8"	10
MCG328	12-14	1/2"	10
MCG3210	15-16	5/8"	10
MCG3212	18-20	3/4"	10
MCG3214	22	7/8"	10
MCG3218	28	-	10
MCG3220	32-34	1.1/4"	10
MCG3224	35-38	1.1/4"	10
MCG3226	42	-	10
MCG3232	50	2"	10
Tech Sheet 10178			



Clamp Components

0045	Type	Box Quantity
MCN32	Stacking Nut	50
MCS32	Stacking Stud	50
MCWP32	Weld Plate	10
MCSB32	Standard Bolt	50
Tech Sheet 10178		