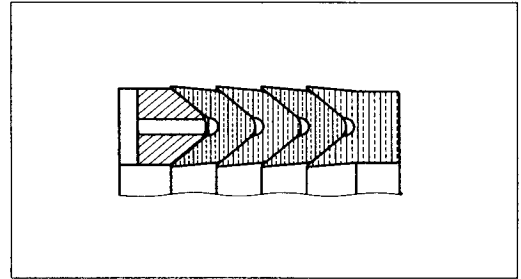


Lionsele® Chevron

Introduction

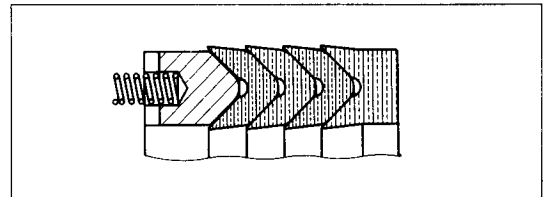
There are many applications where the greater space occupied by the multi-lip proofed fabric packing can be amply justified by the reliability and life it offers, its ability to cater for adverse mechanical conditions and its suitability for use in split ring form. Correct awareness of safety-critical situations or duties with high contingent costs in the event of seal failure, will steer the choice of hydraulic reciprocating seal in the direction of the multi-lip concept.



Description

The proofed fabric sealing components are tapered to give an initial interference when confined in the seal housing. The radial force which results, together with the fine finish of the lip, ensures a good seal at low or slack pressures. When required in split form a scarf abutment is used. These components are:

- a gland ring (female adapter) in GHN/FC – a cotton fabric proofed with a blend of synthetic rubbers moulded in a robust construction designed to resist extrusion and offer maximum wear resistance on the majority of duties. Where recommended levels of fit are exceeded, materials are available to offer additional support of the packing.
 - one or more V-shaped intermediate rings in GHN/FC with a profile and ply construction giving the right balance of strength and response to applied fluid pressure.
 - the conventional Lionsele Chevron header (male adapter) is a clearance in the housing and moulded in a hard material. Shape is retained even under extreme conditions to give correct alignment to the adjacent intermediate ring. This component is supplied with a single gap when endless sealing rings are used and in halves when packings are split.
 - a variation on the conventional Lionsele Chevron header includes multiple coil springs to give a degree of compensation for wear and loss of as-moulded interference of sealing rings.
- Details are available on request.



Benefits

- Proven universal multi-lip packing with double acting capabilities (when fitted back to back).
- Comprehensive stock – speedy delivery without tool charge
- Suitable for adjustable and non-adjustable housings

Capabilities

- Pressures up to 420 bar
- Temperatures from -20°C to +100°C (standard materials). Special materials available to allow up to +260°C
- Reciprocating speeds up to 0.5m/s (for higher speeds please consult our free Technical Advisory Service on +44 1900 823555)

NB The operating limits quoted are not an indication that these values can be applied simultaneously

The standard Lionsele Chevron shown in this brochure is rated at the maximum working pressure of 420 bar when used in the correct housing environment specified by ISO 5597. Modifications to standard design and materials can extend this capability considerably.

Media

Standard materials are suitable for use with most mineral based hydraulic fluids, most fire-resistant fluids of the water/oil emulsion or water/glycol types at temperatures up to 100°C, and are suitable for most lubricating oils, greases, air and water. For other media, alternative materials are available on request.

Where fire-resistant fluids are used it is essential to advise the type and designation due to the variable effects that can occur with different grades. In many cases our standard GHN/FC proofed fabric material has proved satisfactory with phosphate ester fluids despite the volumetric expansion of the material which occurs. Considered within the context of an enclosed packing housing and the seal surface area exposed to fluid penetration, an acceptable sealing performance is frequently obtained which obviates the need to resort to more costly materials.

Alternative materials are available which considerably extend the range of application of Lionsele Chevron in respect of temperature, fluid compatibility and abrasion resistance. These include alternative fabrics including synthetics and alternative rubber proofings such as hydrogenated nitrile (HNBR), butyl (IIR) and fluorocarbon (FKM).

Sets incorporating solid rubber or PTFE intermediate rings are also available on request. (For details of solid PTFE Chevron rings please consult our Technical Advisory Service on +44 1900 823555).

Applications

Typical applications include:

Standard materials –

- most types of hydraulic press (main rams, drawback rams)
- hydraulic cylinder glands and piston heads
- hydraulic valves
- oil pipe line expansion glands

Special materials –

- reciprocating steam, water and oil pumps
- hot oil reciprocating pumps for refinery duty up to 260°C
- sludge pumps, swivels

Housing Design

Lionsele Chevron is designed to work in a housing of fixed axial length, relying on a small initial axial compression. This is achieved by controlling the free packing depth (axial length in free state) in manufacture to take account of the known increase in axial length, which will occur when the packing is constrained radially on assembly. This design philosophy provides optimum seal compression together with controlled friction levels and minimum wear.

For a piston head, the housing must be of fixed axial length. Only endless rings should be used on piston head duties and note of this need should be made when ordering or placing enquiries. For double acting piston heads not operating under constant pressure, it is recommended that two Lionsele Chevron sets be used. These sets should be fitted in an opposed manner and housed independently to preclude the possibility of over-compression due to pressure transference through the seals (as shown on page 33).

Housing sizes are indicated in the following lists. For full machining information please refer to the general housing design section of this guide. The axial length of housings should be manufactured to nominal size $^{+0.25}_{-0.0}$ mm.

Availability and How to Order

Lionsele Chevron is available in radial sections from 4mm upwards with the exception of the spring-loaded type, which is not available below 6.5mm. Split rings are supplied in any diameter. Endless rings can be supplied up to 2250mm outside diameter.

All standard range seals will be supplied endless ex-stock. Split sets are available on request. For non-standard sizes, sets may be supplied in split form at our discretion unless endless packing is specifically requested when ordering. All header rings above 300mm outside diameter will be supplied split and will normally not contain radial ports.

In the ranges available within five working days of ordering, the Lionsele Chevron set to suit the minimum housing depth consists of : one gland ring, one intermediate ring and one header while the set for maximum housing depth consists of : one gland ring, four intermediates and one header ring.

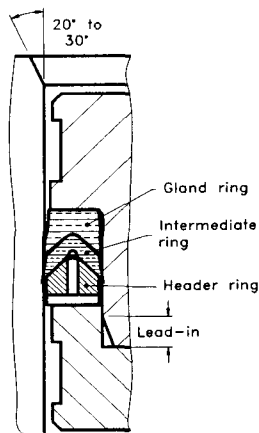
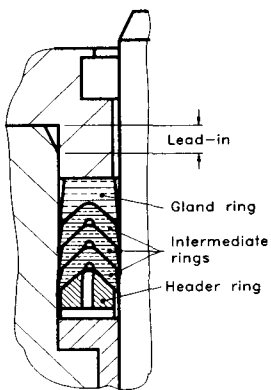
A range of ex-stock seals is available in our standard composition to suit housings to ISO 5597. Use of the James Walker Fluid Seal Division Enquiry/Order form will place orders and enquiries in a standard format to ensure trouble free correspondence with our customer services team. To order – simply specify the Re-Order Number e.g. CH-034058.

Split seal sets to suit standard housing sections are available without mould charges for the diameter ranges specified in the split seal set table. This extensive range is available within five working days of ordering.

A further extensive range of endless seals is available within five working days of ordering. To order – simply specify the nominal housing sizes e.g. 150mm x 180mm x 22mm.

Specials – Non standard sizes/materials can be manufactured from new permanent moulds. To order – please specify the nominal housing sizes and material type (or operating fluid, e.g. mineral oil) e.g. 150mm x 180mm x 22mm, GHN/FC.

Fitting instructions for Lionsele® Chevron



1. Thoroughly clean packing housing.
2. Each ring and adjacent metal parts should be smeared with a suitable lubricant before fitting. Occasional further application to rods during service will prolong packing life.

Non-adjustable glands and piston heads

3. Ensure that the housing dimensions are the recommended ones.
4. Fit header ring with apex-facing retaining plate/spigot then insert sealing rings individually (grooves facing pressure) taking care not to damage lips. Ensure that each is firmly seated.
5. Tighten retaining plate/spigot hard against the cylinder/piston face. In cases where worn or incorrect sized rods/cylinders are encountered, additional compression may be applied by inserting thin jointing washers between packing and gland spigot.

Adjustable Housings

3. Fit header ring with apex-facing gland spigot then insert sealing rings individually (grooves facing pressure) taking care not to damage lips. Ensure that each is firmly seated.
4. Measure the space remaining between the cylinder face and packing. Then measure length of gland spigot and select metal spacers of suitable thickness for insertion between cylinder face and gland. Tighten gland so that the packing is gently and evenly compressed to the recommended housing depth. If additional compression is required to overcome leakage this is achieved by reducing spacer thickness.

Split-form only

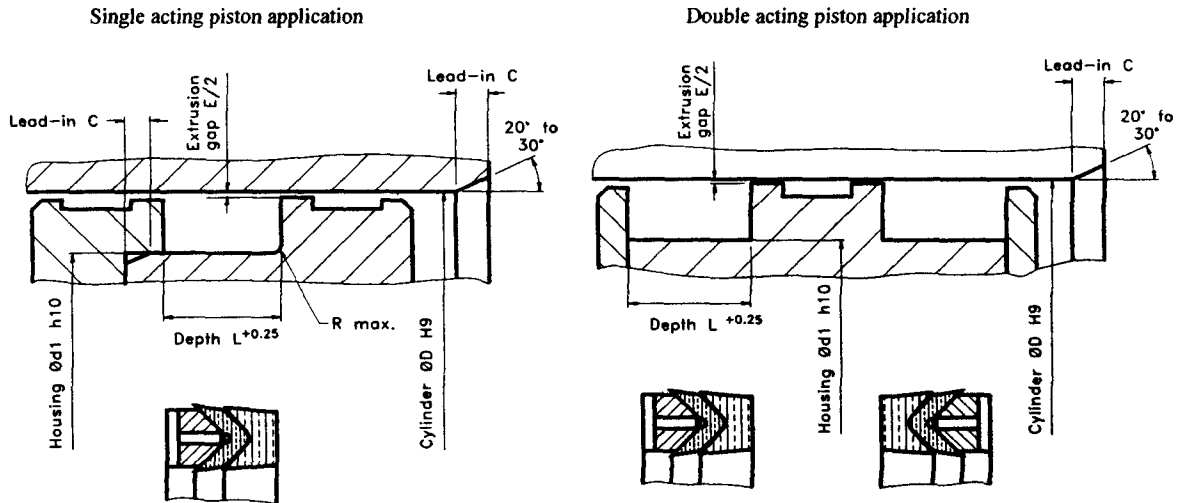
1. The above procedures should be followed except that the ends of the packing must be entered first to obtain a tight joint, thereafter working around the remainder. Splits must be staggered
2. The rings are supplied slightly oversize in order to ensure interference between the ends of the split rings. Therefore any tightness within the housing is intentional and must not be relieved by trimming.

NOTE

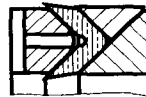
To avoid damage in transit, spring loaded Lionsele Chevron headers are dispatched assembled to the packing, upside down. Please check before installing that the header is re-fitted to the set with the springs exposed.

Lionsele Chevron is self sealing under pressure and over-compression must be avoided.

Lionsele® Chevron - Housing dimensions and availability



Self aligning version available

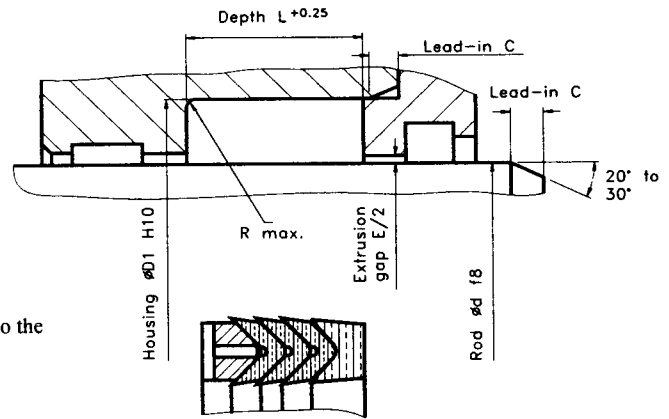


For housing dimensions not shown in the following tables please refer to the **Housing Details and Machining Information** section

The following sizes to suit ISO 5597 long depth piston housings are available ex-stock

ØD	Ød1	L	JW Part No.	Re-order part no.(endless)
25.0	15.0	16.0	306-015025160	CH-010000
32.0	22.0	16.0	306-022032160	CH-034007
40.0	30.0	16.0	306-030040160	CH-020006
50.0	40.0	16.0	306-040050160	CH-034090
50.0	35.0	25.0	306-035050250	CH-0300001
63.0	53.0	16.0	306-053063160	CH-031008
63.0	48.0	25.0	306-048063250	CH-0310024
80.0	65.0	25.0	306-065080250	CH-031032
80.0	60.0	32.0	306-060080320	CH-031040
100.0	85.0	25.0	306-085100250	CH-031059
100.0	80.0	32.0	306-080100320	CH-035305
125.0	100.0	40.0	306-100125400	CH-035704
125.0	105.0	32.0	306-105125320	CH-031067
160.0	140.0	32.0	306-140160320	CH-036204
160.0	135.0	40.0	306-135160400	CH-031075
200.0	175.0	40.0	306-175200400	CH-031083
200.0	170.0	50.0	306-170200500	CH-031091
250.0	225.0	40.0	306-225250400	CH-031105
250.0	220.0	50.0	306-220250500	CH-037006
320.0	290.0	50.0	306-290320500	CH-012003
400.0	360.0	63.0	306-360400630	CH-032004
500.0	460.0	63.0	306-460500630	CH-033000

Rod Application

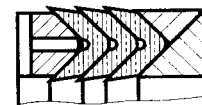


For housing dimensions not shown in the table below please refer to the **Housing Details and Machining Information** section

The following sizes to suit ISO 5597 long depth rod housings are available ex stock

Ød	ØD1	L	JW Part No.	Re-order part no.(endless)	Re-order part no.(split)
6.0	14.0	14.5	306-006014145	CH-033019	CH-001699
8.0	16.0	14.5	306-008016145	CH-033027	CH-001702
10.0	20.0	16.0	306-010020160	CH-033035	CH-00180X
12.0	22.0	16.0	306-012022160	CH-033043	CH-001850
14.0	24.0	16.0	306-014024160	CH-033051	CH-001907
16.0	26.0	16.0	306-016026160	CH-03306X	CH-001958
18.0	28.0	16.0	306-018028160	CH-033078	CH-002008
20.0	28.0	14.5	306-020028145	CH-033086	CH-002016
20.0	30.0	16.0	306-020030160	CH-033094	CH-002024
22.0	30.0	14.5	306-022030145	CH-033108	CH-002032
22.0	32.0	16.0	306-022032160	CH-034007	CH-002040
25.0	33.0	14.5	306-025033145	CH-034015	CH-00259
25.0	35.0	16.0	306-025035160	CH-034023	CH-002067
28.0	38.0	16.0	306-028038160	CH-034031	CH-002075
28.0	43.0	25.0	306-028043250	CH-03404X	CH-002083
32.0	42.0	16.0	306-032042160	CH-034058	CH-002091
32.0	47.0	25.0	306-032047250	CH-034066	CH-002105
36.0	46.0	16.0	306-036046160	CH-034074	CH-002121
36.0	51.0	25.0	306-036051250	CH-034082	CH-002148
40.0	50.0	16.0	306-040050160	CH-034090	CH-002156
40.0	55.0	25.0	306-040055250	CH-034104	CH-002164
45.0	55.0	16.0	306-045055160	CH-034201	CH-002199
45.0	60.0	25.0	306-045060250	CH-034309	CH-002202
50.0	60.0	16.0	306-050060160	CH-034406	CH-002210
50.0	65.0	25.0	306-050065250	CH-034503	CH-002229
56.0	71.0	25.0	306-056071250	CH-034600	CH-002237
56.0	76.0	32.0	306-056076320	CH-034708	CH-002245
63.0	78.0	25.0	306-063078250	CH-034805	CH-002253
63.0	83.0	32.0	306-063083320	CH-034902	CH-002261
70.0	85.0	25.0	306-070085250	CH-035003	CH-002296
70.0	90.0	32.0	306-070090320	CH-035100	CH-00230X
80.0	95.0	25.0	306-080095250	CH-035208	CH-002350
80.0	100.0	32.0	306-080100320	CH-035305	CH-002407
90.0	105.0	25.0	306-090105250	CH-035402	CH-002458
90.0	110.0	32.0	306-090110320	CH-03550X	CH-002474
100.0	120.0	32.0	306-100120320	CH-035607	CH-002490
100.0	125.0	40.0	306-100125400	CH-035704	CH-002504
110.0	130.0	32.0	306-110130320	CH-035801	CH-002555
110.0	135.0	40.0	306-110135400	CH-035909	CH-002598
125.0	145.0	32.0	306-125145320	CH-03600X	CH-002601
125.0	150.0	40.0	306-125150400	CH-036107	CH-002652
140.0	160.0	32.0	306-140160320	CH-036204	CH-002709
140.0	165.0	40.0	306-140165400	CH-036301	CH-00275X
160.0	185.0	40.0	306-160185400	CH-036409	CH-002806
160.0	190.0	50.0	306-160190500	CH-036506	CH-002903
180.0	205.0	40.0	306-180205400	CH-036603	CH-002954
180.0	210.0	50.0	306-180210500	CH-036700	CH-002962
200.0	225.0	40.0	306-200225400	CH-036808	CH-003004
200.0	230.0	50.0	306-200230500	CH-036905	CH-003012
220.0	250.0	50.0	306-220250500	CH-037006	CH-003055
250.0	280.0	50.0	306-250280500	CH-037103	CH-003101
280.0	310.0	50.0	306-280310500	CH-037200	CH-003209
320.0	360.0	63.0	306-320360630	CH-037308	CH-003217
360.0	400.0	63.0	306-360400630	CH-032004	CH-001664

Self aligning version available



The following ranges are available within five working days of ordering

Imperial Range

Ød/Ød1	ØD1/ØD	L min.	L max.
0.125	0.375	0.274	0.500
0.187	0.500	0.317	0.624
0.187	0.563	0.361	0.750
0.250	0.500	0.286	0.501
0.250	0.563	0.380	0.719
0.250	0.625	0.348	0.813
0.250	0.750	0.474	1.001
0.313	0.687	0.359	0.875
0.313	0.750	0.427	0.875
0.313	0.813	0.474	1.001
0.313	0.875	0.492	1.125
0.375	0.750	0.373	0.765
0.375	0.875	0.453	1.064
0.437	0.813	0.359	0.875
0.437	0.937	0.449	1.001
0.500	0.875	0.373	0.830
0.500	0.906	0.344	0.715
0.500	1.000	0.462	1.015
0.500	1.125	0.567	1.250
0.500	1.250	0.623	1.392
0.563	0.937	0.359	0.875
0.563	1.313	0.567	1.313
0.578	1.000	0.416	0.846
0.625	0.937	0.333	0.718
0.625	0.950	0.317	0.688
0.625	1.000	0.380	0.765
0.625	1.125	0.453	1.064
0.625	1.187	0.505	1.081
0.625	1.250	0.474	1.131
0.625	1.500	0.755	1.750
0.687	1.063	0.359	0.759
0.687	1.187	0.453	1.064
0.687	1.312	0.567	1.250
0.750	1.100	0.359	0.875
0.750	1.125	0.380	0.861
0.750	1.156	0.406	0.816
0.750	1.250	0.437	1.313
0.750	1.375	0.567	1.503
0.750	1.500	0.661	1.341
0.813	1.313	0.453	1.064
0.865	1.500	0.567	1.255
0.875	1.250	0.286	0.750
0.875	1.375	0.453	1.064
0.875	1.500	0.567	1.233
0.875	1.581	0.593	1.414
0.875	1.625	0.661	1.500
0.875	1.750	0.711	1.750
0.891	1.359	0.434	0.969
0.917	1.417	0.599	1.126
0.937	1.437	0.453	1.064
0.937	1.563	0.567	1.292
0.937	2.125	0.974	2.314
0.953	1.422	0.435	0.970
1.000	1.375	0.361	0.952
1.000	1.500	0.453	1.105
1.000	1.625	0.567	1.295
1.000	1.750	0.630	1.704
1.000	1.875	0.755	1.751
1.000	2.125	0.884	2.243
1.038	1.788	0.623	1.500
1.063	1.687	0.567	1.292
1.063	2.063	0.798	2.000
1.122	1.500	0.363	0.756
1.125	1.625	0.474	1.078

Ød/Ød1	ØD1/ØD	L min.	L max.
1.125	1.675	0.567	1.213
1.125	1.750	0.567	1.295
1.125	1.875	0.661	1.500
1.125	2.000	0.755	1.750
1.185	2.000	0.859	2.390
1.187	1.687	0.474	1.001
1.187	1.750	0.477	1.063
1.187	1.813	0.567	1.265
1.187	2.000	0.651	1.625
1.187	2.063	0.709	1.743
1.187	2.125	0.752	1.865
1.187	2.563	1.063	2.759
1.242	1.760	0.457	1.019
1.245	1.625	0.380	0.752
1.246	1.868	0.565	1.196
1.250	1.625	0.375	0.764
1.250	1.750	0.450	1.066
1.250	1.813	0.520	1.273
1.250	1.875	0.567	1.295
1.250	2.000	0.661	1.522
1.250	2.250	0.755	2.063
1.250	2.500	0.974	2.500
1.286	1.786	0.449	1.001
1.313	1.937	0.563	1.314
1.313	2.063	0.661	1.500
1.375	1.687	0.318	0.627
1.375	1.875	0.474	1.001
1.375	2.000	0.555	1.314
1.375	2.021	0.545	1.271
1.375	2.125	0.661	1.704
1.375	2.375	0.848	2.000
1.437	2.000	0.492	1.125
1.437	2.063	0.567	1.292
1.437	2.125	0.614	1.376
1.437	2.187	0.661	1.500
1.437	2.250	0.708	1.625
1.437	2.375	0.757	1.883
1.437	2.563	0.886	2.250
1.437	2.625	1.005	2.360
1.500	1.813	0.317	0.624
1.500	1.937	0.405	0.875
1.500	2.000	0.448	1.037
1.500	2.113	0.559	1.228
1.500	2.125	0.567	1.337
1.500	2.250	0.650	1.986
1.500	2.271	0.633	1.520
1.500	2.313	0.667	1.625
1.500	2.375	0.713	1.757
1.500	2.437	0.752	1.865
1.500	2.500	0.848	2.063
1.500	2.625	0.943	2.251
1.514	2.118	0.552	1.121
1.563	2.125	0.520	1.125
1.563	2.187	0.567	1.170
1.563	2.563	0.798	2.000
1.594	2.563	0.769	1.906
1.600	2.500	0.698	1.801
1.625	2.125	0.474	1.141
1.625	2.250	0.567	1.295
1.625	2.375	0.661	1.416
1.625	2.500	0.755	1.612
1.625	2.625	0.848	1.894
1.652	2.407	0.661	1.502
1.685	2.310	0.567	1.250

Ød/Ød1	ØD1/ØD	L min.	L max.
1.687	2.313	0.567	1.314
1.687	2.437	0.661	1.439
1.687	2.625	0.786	1.876
1.687	2.875	0.989	2.360
1.750	2.125	0.340	0.875
1.750	2.250	0.469	1.011
1.750	2.375	0.565	1.295
1.750	2.437	0.614	1.376
1.750	2.500	0.630	1.522
1.750	2.750	0.848	1.949
1.750	3.000	0.972	2.104
1.750	3.029	1.055	2.553
1.778	2.528	0.592	1.375
1.800	2.425	0.567	1.198
1.813	2.437	0.567	1.249
1.813	2.563	0.623	1.500
1.813	3.000	0.984	2.365
1.870	2.687	0.663	1.605
1.875	2.250	0.380	0.687
1.875	2.445	0.504	1.168
1.875	2.469	0.543	1.191
1.875	2.500	0.555	1.314
1.875	2.625	0.661	1.369
1.875	2.656	0.786	1.640
1.875	2.750	0.755	1.750
1.875	2.875	0.848	1.764
1.875	3.000	0.943	2.251
1.906	2.656	0.661	1.500
1.922	2.450	0.467	0.986
1.937	2.437	0.474	1.001
1.937	2.563	0.562	1.376
1.937	2.687	0.623	1.500
1.937	2.875	0.755	1.875
1.937	3.000	0.848	2.094
1.937	3.125	0.904	2.271
1.960	2.716	0.626	1.506
2.000	2.375	0.356	0.764
2.000	2.500	0.453	1.064
2.000	2.625	0.555	1.314
2.000	2.687	0.614	1.376
2.000	2.750	0.656	2.125
2.000	2.795	0.689	1.579
2.000	3.000	0.786	2.136
2.000	3.063	0.896	2.126
2.000	3.125	0.943	2.251
2.000	3.250	0.974	2.500
2.125	2.625	0.474	1.001
2.125	2.750	0.567	1.170
2.125	2.875	0.656	1.563
2.125	3.000	0.756	1.757
2.125	3.125	0.798	2.000
2.125	3.375	1.036	2.466
2.125	3.500	1.130	2.746
2.163	2.918	0.661	1.502
2.187	3.000	0.708	1.625
2.250	2.750	0.446	1.027
2.250	2.875	0.566	1.250
2.250	3.000	0.656	1.550
2.250	3.031	0.849	1.703
2.250	3.060	0.660	1.597
2.250	3.071	0.717	1.772
2.250	3.125	0.753	1.751
2.250	3.150	0.772	1.796
2.250	3.250	0.848	2.181

Imperial Range

Ød/Ød1	ØD1/ØD	L min.	L max.
2.250	3.307	0.842	1.993
2.300	3.050	0.661	1.475
2.313	3.000	0.580	1.376
2.313	3.063	0.661	1.500
2.374	3.500	0.881	2.228
2.375	2.875	0.428	1.064
2.375	3.000	0.567	1.217
2.375	3.062	0.614	1.331
2.375	3.121	0.621	1.493
2.375	3.125	0.656	1.563
2.375	3.375	0.848	1.894
2.375	3.500	0.886	2.251
2.437	3.375	0.755	1.877
2.437	2.937	0.474	1.001
2.437	3.250	0.717	1.639
2.437	3.437	0.848	2.067
2.457	3.000	0.508	0.980
2.473	3.230	0.611	1.445
2.480	3.250	0.677	1.542
2.500	2.750	0.336	0.751
2.500	3.000	0.445	1.021
2.500	3.063	0.492	1.125
2.500	3.094	0.515	1.192
2.500	3.125	0.559	1.202
2.500	3.250	0.656	1.750
2.500	3.472	0.819	1.951
2.500	3.500	0.848	1.772
2.500	3.625	0.943	2.252
2.500	4.000	1.222	2.999
2.500	4.250	1.398	3.473
2.500	4.375	1.411	3.749
2.563	3.313	0.623	1.500
2.625	3.125	0.449	1.001
2.625	3.375	0.656	1.563
2.625	3.500	0.713	1.642
2.713	3.500	0.689	1.575
2.750	3.250	0.474	1.066
2.750	3.375	0.567	1.250
2.750	3.406	0.581	1.406
2.750	3.500	0.656	1.563
2.750	3.545	0.644	1.544
2.750	3.625	0.755	1.751
2.750	3.750	0.848	2.264
2.750	4.000	1.036	2.329
2.750	4.094	1.038	2.739
2.750	4.375	1.317	3.032
2.750	4.750	1.598	4.000
2.773	3.523	0.623	1.500
2.781	3.516	0.616	1.484
2.812	3.816	0.854	2.004
2.812	3.831	0.862	2.012
2.875	3.375	0.476	1.146
2.875	3.500	0.530	1.314
2.875	3.625	0.656	1.563
2.875	3.875	0.848	2.000
2.875	4.125	1.036	2.501
2.900	3.800	0.774	1.801
2.970	4.250	1.059	2.557
3.000	3.500	0.453	1.064
3.000	3.625	0.567	1.250
3.000	3.750	0.661	1.550
3.000	4.000	0.848	2.079
3.000	4.213	1.008	2.425
3.000	4.250	1.036	2.829

Ød/Ød1	ØD1/ØD	L min.	L max.
3.000	4.287	1.063	2.577
3.000	4.331	1.094	2.409
3.000	4.375	1.061	2.750
3.000	4.500	1.224	3.001
3.000	4.750	1.445	3.335
3.031	4.125	0.911	2.157
3.083	3.687	0.555	1.268
3.125	3.750	0.536	1.250
3.125	3.875	0.656	1.563
3.125	4.125	0.848	2.000
3.125	4.250	0.886	2.251
3.125	4.313	0.989	2.375
3.125	4.375	1.043	2.515
3.187	4.250	0.896	2.024
3.187	4.500	1.083	2.626
3.201	4.000	0.701	1.604
3.238	4.028	0.641	1.539
3.250	3.750	0.476	1.107
3.250	4.000	0.651	1.563
3.250	4.055	0.705	1.611
3.250	4.125	0.756	1.693
3.250	4.187	0.803	1.882
3.250	4.250	0.848	2.079
3.250	4.750	1.224	3.001
3.375	4.000	0.567	1.250
3.375	4.125	0.656	1.563
3.375	4.375	0.848	2.024
3.500	4.000	0.465	1.046
3.500	4.009	0.453	1.009
3.500	4.250	0.661	1.514
3.500	4.500	0.835	2.079
3.500	4.625	0.943	2.252
3.543	4.313	0.679	1.556
3.563	4.563	0.854	2.165
3.625	4.375	0.661	1.500
3.625	4.625	0.848	2.063
3.625	4.813	0.984	2.365
3.687	5.000	1.085	2.408
3.750	4.250	0.480	1.131
3.750	4.375	0.536	1.250
3.750	4.500	0.661	1.515
3.750	4.750	0.848	2.063
3.750	5.000	1.036	2.269
3.750	5.094	1.047	2.719
3.750	5.750	1.598	4.000
3.875	4.500	0.536	1.205
3.875	4.875	0.848	2.063
3.875	5.000	0.888	2.257
3.937	5.000	0.898	2.134
3.937	5.250	1.083	2.626
3.997	4.750	0.625	1.503
4.000	4.500	0.456	1.069
4.000	4.750	0.661	1.575
4.000	4.875	0.756	1.587
4.000	4.984	0.839	1.976
4.000	5.000	0.848	2.071
4.000	5.060	0.894	2.117
4.000	5.125	0.945	1.976
4.000	5.250	1.035	2.339
4.000	5.500	1.224	2.879
4.094	5.125	0.814	2.039
4.125	5.000	0.756	1.756
4.125	5.125	0.848	2.063
4.185	5.500	1.083	2.622

Ød/Ød1	ØD1/ØD	L min.	L max.
4.187	5.500	1.083	2.406
4.210	5.630	1.161	2.836
4.250	4.750	0.476	1.006
4.250	4.875	0.559	1.234
4.250	5.000	0.661	1.461
4.250	5.063	0.709	1.631
4.250	5.125	0.756	1.756
4.250	5.250	0.850	2.071
4.250	5.500	1.043	2.515
4.375	4.875	0.476	1.083
4.375	5.000	0.537	1.238
4.375	5.250	0.748	1.737
4.375	5.375	0.850	2.071
4.375	5.875	1.220	2.994
4.500	5.000	0.449	1.011
4.500	5.250	0.663	1.506
4.500	5.375	0.756	1.850
4.500	5.500	0.848	2.071
4.500	5.750	1.035	2.575
4.500	6.000	1.222	2.577
4.563	5.563	0.800	2.079
4.625	5.625	0.850	2.087
4.625	5.875	1.039	2.374
4.740	5.380	0.567	1.261
4.750	5.354	0.528	1.234
4.750	5.375	0.566	1.249
4.750	5.625	0.713	1.783
4.750	5.750	0.850	2.071
4.750	5.781	0.866	2.051
4.750	5.875	0.945	2.259
4.750	6.000	1.037	2.501
4.875	5.875	0.850	2.031
5.000	5.500	0.474	1.081
5.000	5.625	0.567	1.331
5.000	5.709	0.630	1.457
5.000	5.750	0.661	1.505
5.000	5.875	0.756	1.756
5.000	6.000	0.850	2.087
5.000	6.024	0.748	2.047
5.000	6.250	1.035	2.555
5.000	6.500	1.222	2.996
5.125	6.000	0.755	1.750
5.125	6.125	0.850	2.008
5.125	7.264	1.592	4.265
5.236	6.281	0.819	2.045
5.250	5.750	0.480	1.010
5.250	6.250	0.850	2.087
5.250	6.313	0.894	1.953
5.250	6.375	0.941	2.244
5.250	6.500	1.035	2.495
5.250	6.750	1.224	3.001
5.299	6.344	0.805	1.989
5.313	6.187	0.709	1.741
5.375	6.000	0.567	1.255
5.375	6.125	0.661	1.500
5.375	6.375	0.850	2.031
5.406	6.750	1.106	2.421
5.437	6.750	1.083	2.406
5.500	6.000	0.449	1.001
5.500	6.500	0.850	2.087
5.500	6.750	1.035	2.495
5.515	6.500	0.839	1.977
5.625	6.625	0.850	2.094
5.625	7.875	1.787	4.503

Imperial Range

Ød/Ød1	ØD1/ØD	L min.	L max.
5.750	6.375	0.567	1.254
5.750	6.750	0.850	2.071
5.750	6.772	0.866	2.106
5.750	7.000	1.035	2.394
5.875	6.875	0.850	2.031
5.875	7.000	0.941	2.244
5.875	7.125	1.035	2.374
6.000	6.500	0.474	1.141
6.000	7.000	0.850	2.031
6.000	7.250	1.035	2.402
6.000	7.500	1.224	3.001
6.063	7.063	0.850	2.008
6.178	7.598	1.161	2.836
6.181	7.500	1.091	2.644
6.187	7.063	0.748	1.737
6.200	7.500	1.075	2.607
6.220	7.750	1.161	3.026
6.250	6.750	0.474	1.003
6.250	7.000	0.661	1.505
6.250	7.250	0.848	2.031
6.250	7.500	1.035	2.394
6.375	7.750	1.130	2.746
6.500	7.187	0.614	1.379
6.500	7.500	0.850	2.008
6.500	7.681	0.984	2.362
6.500	7.750	1.035	2.402
6.500	7.874	1.138	2.766
6.500	8.000	1.224	3.001
6.500	8.500	1.598	4.000
6.625	8.125	1.220	2.994
6.687	7.687	0.800	2.008
6.750	7.250	0.449	1.001
6.750	7.375	0.567	1.114
6.750	7.750	0.850	2.008
6.750	8.000	1.035	2.408
6.750	8.020	1.063	2.346
6.750	8.250	1.222	2.996
6.890	8.125	1.043	2.507
7.000	7.500	0.480	1.079
7.000	7.625	0.567	1.254
7.000	7.750	0.625	1.576
7.000	8.000	0.848	2.000
7.000	8.250	1.035	2.402
7.000	8.375	1.130	2.747
7.000	8.500	1.220	2.709
7.000	8.625	1.315	3.246
7.125	8.375	1.036	2.518
7.197	8.000	0.701	1.547
7.250	8.250	0.848	2.000
7.250	8.500	1.035	2.496
7.375	8.375	0.850	2.008
7.375	8.750	1.138	2.736
7.375	9.125	1.409	3.497
7.445	8.750	1.079	2.613
7.465	8.750	1.063	2.576
7.500	8.250	0.661	1.500
7.500	8.500	0.850	2.008
7.500	8.750	1.035	2.402
7.500	9.000	1.220	2.748
7.687	9.000	1.008	2.094
7.719	8.719	0.848	2.000
7.750	9.000	1.035	2.441
7.750	9.046	1.004	2.587
7.750	9.250	1.224	2.998

Ød/Ød1	ØD1/ØD	L min.	L max.
7.750	9.500	1.398	3.473
7.875	9.000	0.945	2.114
8.000	8.500	0.449	1.001
8.000	9.000	0.850	2.173
8.000	9.187	0.984	2.365
8.000	9.250	1.035	2.394
8.000	9.500	1.220	3.325
8.000	9.750	1.409	3.497
8.125	9.375	1.035	2.421
8.198	9.685	1.220	2.987
8.246	9.505	1.043	2.519
8.250	8.875	0.567	1.253
8.250	9.000	0.661	1.500
8.250	9.250	0.850	2.205
8.250	9.500	1.035	2.394
8.250	9.750	1.224	2.998
8.250	10.000	1.411	3.500
8.375	9.875	1.224	2.638
8.494	9.499	0.854	2.014
8.500	9.000	0.480	1.010
8.500	9.250	0.657	1.489
8.500	9.500	0.850	2.008
8.500	9.750	1.035	2.394
8.500	10.000	1.224	2.998
8.500	10.250	1.409	3.497
8.500	10.500	1.598	4.000
8.719	9.719	0.850	2.008
8.750	10.000	1.035	2.394
8.750	10.125	1.138	2.766
8.750	10.250	1.147	2.996
8.750	10.500	1.409	3.497
8.819	10.000	0.984	2.362
8.875	10.000	0.942	2.249
8.921	10.500	1.280	3.152
8.976	10.000	0.815	2.047
9.000	10.000	0.850	2.002
9.000	10.125	0.945	2.012
9.000	10.250	1.035	2.394
9.000	10.375	1.130	2.750
9.000	10.500	1.220	2.994
9.000	11.000	1.598	4.000
9.063	10.173	0.925	2.209
9.094	9.719	0.567	1.254
9.185	10.750	1.268	3.121
9.250	10.250	0.854	2.031
9.250	10.500	1.035	2.362
9.250	10.750	1.222	2.996
9.375	10.375	0.854	2.012
9.375	10.625	1.005	2.628
9.375	10.625	1.036	2.501
9.375	10.750	1.130	2.746
9.500	10.125	0.567	1.253
9.500	10.374	0.756	1.756
9.500	10.500	0.850	2.008
9.500	10.750	1.035	2.394
9.500	11.000	1.224	3.001
9.625	10.625	0.798	2.000
9.719	10.719	0.850	2.008
9.750	10.375	0.612	1.554
9.750	10.500	0.661	1.500
9.750	11.000	1.035	2.394
9.750	11.250	1.224	2.998
9.750	11.500	1.398	3.473
9.865	11.375	1.232	3.023

Ød/Ød1	ØD1/ØD	L min.	L max.
9.960	11.250	1.067	2.402
9.961	12.000	1.634	4.091
10.000	11.000	0.850	1.976
10.000	11.125	0.943	2.250
10.000	11.181	0.984	2.362
10.000	11.250	1.035	2.449
10.000	11.260	1.043	2.394
10.000	11.500	1.220	3.083
10.000	11.750	1.409	3.497
10.000	12.000	1.598	3.705
10.000	12.500	1.976	5.006
10.094	11.375	1.059	2.558
10.125	11.375	1.039	2.499
10.204	12.875	1.612	3.915
10.250	11.500	1.035	2.449
10.250	11.625	1.128	2.745
10.375	11.375	0.850	2.008
10.375	11.625	1.036	2.501
10.375	11.875	1.147	2.996
10.500	11.250	0.661	1.498
10.500	11.750	1.035	2.449
10.500	12.000	1.220	2.994
10.500	12.500	1.575	3.657
10.563	11.813	0.976	2.510
10.625	11.625	0.846	2.020
10.630	12.000	1.126	2.740
10.750	12.000	1.035	2.449
10.750	12.125	1.311	2.928
10.750	12.250	1.220	2.994
10.812	12.063	1.036	2.501
10.844	11.844	0.850	2.016
10.875	12.126	1.043	2.515
10.937	12.187	1.043	2.515
11.000	12.000	0.850	1.835
11.000	12.250	1.035	2.449
11.000	12.500	1.224	2.862
11.000	13.375	1.870	4.731
11.010	12.260	1.035	2.378
11.250	12.250	0.850	1.957
11.250	12.500	1.035	2.449
11.375	12.625	1.035	2.495
11.406	13.000	1.299	3.202
11.500	12.250	0.657	1.489
11.500	12.750	1.035	2.449
11.500	13.000	1.224	2.748
11.671	13.000	1.094	2.653
11.750	12.750	0.850	2.008
11.750	13.000	1.035	2.449
11.750	13.500	1.409	3.035
11.827	13.077	1.015	2.510
11.875	12.875	0.890	2.008
11.875	13.125	1.076	2.501
11.875	13.625	1.449	3.497
11.950	13.500	1.299	3.094
12.000	13.000	0.890	2.260
12.000	13.250	1.075	2.449
12.000	13.500	1.260	2.772
12.000	13.625	1.350	3.242
12.000	14.000	1.538	4.000
12.250	13.250	0.886	2.004
12.250	13.500	1.075	2.449
12.250	13.750	1.260	2.994
12.375	13.656	1.098	2.558
12.500	13.250	0.697	1.489

Imperial Range

Ød/Ød1	ØD1/ØD	L min.	L max.
12.500	13.750	1.075	2.449
12.500	14.000	1.187	2.996
12.750	14.000	1.075	2.449
13.000	14.031	0.906	2.051
13.000	14.250	1.075	2.449
13.250	14.500	1.075	2.449
13.500	14.750	1.075	2.449
13.750	15.000	1.075	2.449
14.000	15.000	0.890	2.024
14.000	15.250	1.075	2.504
14.000	15.500	1.263	2.837
14.250	15.500	1.075	2.495
14.500	15.750	1.075	2.449
14.750	16.000	1.075	2.449
14.750	16.250	1.260	2.994
15.000	16.250	1.075	2.449
15.000	17.000	1.538	4.000
15.250	16.500	1.075	2.449
15.500	16.750	1.075	2.449
15.750	17.000	1.075	2.449
16.000	17.000	0.890	2.008
16.000	17.250	1.075	2.449
16.000	17.500	1.260	2.953
16.000	18.000	1.638	3.677
16.500	18.000	1.187	2.955
17.000	18.250	1.075	2.528
17.000	18.500	1.260	2.953
17.000	19.000	1.538	4.000
17.500	19.000	1.262	2.955
18.000	19.000	0.890	2.008
18.000	19.250	1.075	2.504
18.000	19.500	1.260	2.953
18.500	20.000	1.260	2.953
18.700	20.750	1.449	3.647
18.748	20.000	1.075	2.496
18.750	20.039	1.106	2.582
18.875	20.375	1.188	3.001
19.000	20.500	1.260	2.953
19.500	20.752	1.075	2.496
19.500	21.000	1.262	2.955
19.748	21.000	1.075	2.496
19.902	22.000	1.713	4.198
20.000	21.250	1.075	2.495
20.000	21.500	1.260	2.953
20.500	22.000	1.263	3.001
20.750	22.250	1.263	2.875
21.000	22.250	1.013	2.500
21.000	22.500	1.260	2.996
21.750	23.250	1.260	2.994
22.000	23.500	1.260	2.969
22.500	24.000	1.187	2.996
23.000	24.500	1.187	2.996
23.375	24.875	1.187	2.996
23.500	25.000	1.187	2.996
24.000	25.250	1.070	2.494
24.000	25.500	1.246	2.994
24.000	26.000	1.597	4.000
25.000	26.500	1.247	3.001
25.500	27.000	1.246	2.994
26.000	27.500	1.246	2.994
27.000	28.500	1.246	2.996
27.386	28.967	1.302	3.156
28.000	29.750	1.940	3.935
28.500	30.000	1.697	3.371

Ød/Ød1	ØD1/ØD	L min.	L max.
28.750	30.000	1.449	2.822
30.000	31.500	1.697	3.371
30.046	31.250	1.405	2.733
31.125	32.625	1.323	2.959
31.329	33.224	2.090	4.259
32.000	33.500	1.697	3.375
33.250	35.250	2.198	4.500
33.875	35.500	1.822	3.653
34.000	36.000	2.189	4.468
35.770	37.250	1.233	2.960
36.000	37.500	1.247	2.999
36.000	38.000	1.597	4.000
36.500	38.500	0.697	3.766
39.455	42.120	2.061	5.326
40.000	41.575	1.240	2.913
42.000	44.000	1.589	3.969
56.250	58.375	2.019	6.102

Metric Range

Ød/Ød1	ØD1/ØD	L min.	L max.
5.0	17.0	12.8	25.3
6.0	14.0	8.5	16.0
6.0	16.0	10.0	22.3
8.0	16.0	8.5	16.0
8.0	18.0	10.0	22.3
8.0	20.0	11.5	26.0
8.0	25.0	14.5	34.2
9.0	19.0	10.0	19.7
10.0	20.0	10.0	22.4
10.0	22.0	11.5	24.1
10.0	25.0	13.1	30.2
10.0	26.0	14.5	34.3
11.0	21.0	10.0	20.0
12.0	22.0	9.5	23.0
12.0	24.0	11.5	23.4
12.0	26.0	13.0	26.1
12.0	30.0	15.1	36.0
13.0	20.0	7.8	14.2
13.0	23.0	10.0	19.7
13.0	26.0	12.0	25.4
13.0	33.0	17.5	40.0
14.0	24.0	9.5	22.9
14.0	26.0	11.0	26.0
14.0	27.0	12.0	25.4
14.0	28.0	12.3	28.0
14.0	34.0	17.5	40.0
14.0	35.0	18.2	41.8
15.0	25.0	9.5	23.0
15.0	27.0	11.5	24.0
15.0	28.0	12.0	25.4
15.0	30.0	13.1	30.2
16.0	26.0	10.0	22.3
16.0	27.0	10.8	22.2
16.0	28.0	11.0	26.0
16.0	28.5	13.5	26.3
16.0	29.0	11.5	26.4
16.0	32.0	14.5	32.0
17.0	30.0	11.5	26.5
17.0	33.0	13.7	32.0
17.9	30.8	12.2	26.4
18.0	28.0	10.0	22.3
18.0	30.0	11.5	24.0
18.0	31.0	11.5	26.5
18.0	32.0	12.3	28.0
18.0	34.0	14.5	33.1
19.0	32.0	12.0	25.0
19.0	34.0	13.5	29.0
20.0	28.0	8.5	14.5
20.0	30.0	10.0	22.4
20.0	31.5	10.3	24.7
20.0	32.0	11.5	25.0
20.0	33.0	11.5	26.4
20.0	35.0	13.4	31.8
20.0	36.0	13.7	32.0
20.3	30.8	10.4	18.7
21.0	34.0	12.0	24.8
22.0	30.0	8.5	14.5
22.0	32.0	10.0	22.4
22.0	34.0	11.5	24.5
22.0	35.0	12.0	25.0
22.0	36.0	12.8	30.0
22.0	37.0	13.5	28.9
22.0	42.0	16.5	40.0
23.0	35.0	10.9	20.4

Ød/Ød1	ØD1/ØD	L min.	L max.
23.0	36.0	12.0	25.5
23.0	38.0	13.5	28.9
23.0	39.0	14.4	34.3
24.0	30.0	6.7	12.0
24.0	35.0	10.3	22.2
24.0	36.0	10.9	20.4
24.0	37.0	12.0	25.0
24.0	40.0	14.5	40.0
25.0	33.0	8.5	14.5
25.0	35.0	10.0	20.0
25.0	37.0	11.0	26.0
25.0	38.0	12.0	25.5
25.0	39.0	13.0	28.0
25.0	40.0	12.0	30.9
25.0	41.0	14.5	32.0
25.0	45.0	17.5	41.4
25.0	47.0	19.0	44.0
26.0	42.0	14.5	34.0
26.0	46.0	17.0	40.0
27.0	41.0	12.3	28.0
27.0	42.0	11.5	28.9
27.0	43.0	14.5	33.3
27.0	57.0	25.0	60.0
27.6	43.4	16.3	34.3
28.0	40.0	11.5	26.0
28.0	41.0	12.0	25.0
28.0	38.0	10.0	17.5
28.0	43.0	13.5	28.9
28.0	44.0	14.4	34.3
28.0	48.0	17.5	42.0
28.0	52.0	20.5	48.0
28.0	53.0	19.8	49.0
28.0	53.4	21.6	47.6
29.0	45.0	14.5	34.0
29.3	45.1	19.0	41.0
29.5	51.5	17.9	44.0
30.0	40.0	10.0	20.0
30.0	42.0	11.5	25.0
30.0	43.0	12.3	28.6
30.0	45.0	11.5	33.8
30.0	46.0	14.4	34.3
30.0	50.0	17.5	42.0
30.0	51.0	17.2	41.8
30.0	55.0	19.8	49.0
30.0	60.0	25.0	60.0
31.0	45.0	12.3	28.0
31.0	47.0	14.4	34.3
32.0	42.0	10.0	20.0
32.0	44.0	11.5	27.5
32.0	44.5	11.0	24.4
32.0	47.0	13.5	28.9
32.0	48.0	14.5	33.3
32.0	52.0	17.5	40.6
32.0	53.0	18.2	41.6
32.0	57.0	21.0	50.2
32.0	58.0	22.0	52.0
32.5	47.5	13.8	30.2
33.0	46.0	12.0	25.0
33.0	49.0	14.5	32.0
33.0	58.0	21.3	50.2
33.0	63.0	25.0	60.0
34.0	50.0	14.4	34.3
35.0	45.0	10.0	20.0
35.0	47.0	11.5	36.0

Ød/Ød1	ØD1/ØD	L min.	L max.
35.0	48.0	12.0	26.8
35.0	50.0	10.8	28.9
35.0	51.0	14.5	35.0
35.0	52.0	14.7	35.5
35.0	55.0	17.5	40.0
36.0	45.0	9.3	17.6
36.0	46.0	10.0	20.0
36.0	48.0	11.5	24.5
36.0	50.0	13.0	28.0
36.0	51.0	13.5	28.9
36.0	52.0	14.5	33.8
36.0	54.0	15.1	36.0
36.5	47.6	10.3	22.3
37.0	53.0	14.4	34.3
37.0	55.0	15.1	36.0
37.5	58.0	16.7	40.5
38.0	50.0	11.0	26.0
38.0	53.0	13.5	28.9
38.0	54.0	14.5	36.0
38.0	58.0	17.5	40.0
39.0	55.0	14.5	33.8
40.0	50.0	10.0	28.5
40.0	51.0	10.8	22.2
40.0	52.0	11.5	27.5
40.0	53.5	11.5	30.4
40.0	54.0	13.0	30.0
40.0	55.0	11.5	30.9
40.0	56.0	14.4	34.3
40.0	58.0	16.0	35.0
40.0	59.5	17.1	39.0
40.0	60.0	17.5	44.5
40.0	64.0	20.5	48.0
40.0	65.0	21.0	50.6
40.0	66.0	22.0	52.0
40.5	60.0	17.2	39.2
41.0	56.0	11.5	28.8
41.0	57.0	14.5	32.0
42.0	54.0	11.5	25.7
42.0	55.0	12.0	28.0
42.0	57.0	13.5	28.9
42.0	58.0	14.5	33.8
42.0	60.0	16.0	36.0
42.0	62.0	17.5	52.0
42.0	93.0	38.0	101.0
43.0	59.0	14.5	32.0
43.0	63.0	17.5	40.0
44.0	58.0	12.3	28.0
44.0	59.0	13.8	30.2
44.0	60.0	14.5	32.0
44.0	63.5	17.2	36.9
44.0	70.0	20.7	52.0
44.5	63.0	16.4	37.0
45.0	55.0	10.0	22.7
45.0	57.0	11.5	27.0
45.0	60.0	11.0	28.9
45.0	61.0	14.4	34.3
45.0	63.0	16.0	36.0
45.0	63.5	15.4	36.9
45.0	65.0	17.0	42.0
45.0	66.0	18.3	39.5
45.0	68.0	19.7	45.8
45.0	69.0	19.3	48.0
45.0	70.0	21.0	44.8
46.0	62.0	14.5	33.3

Metric Range

Ød/Ød1	ØD1/ØD	L min.	L max.
46.0	65.0	16.7	37.8
47.0	57.0	9.5	20.0
47.0	63.0	14.5	33.6
48.0	63.0	11.5	28.9
48.0	64.0	14.5	32.0
48.0	68.0	17.5	42.0
49.0	65.0	14.5	32.0
49.0	69.0	17.5	43.0
49.7	70.3	18.0	41.4
49.8	69.0	16.9	38.4
50.0	60.0	9.5	20.0
50.0	63.0	12.0	24.8
50.0	64.0	13.0	28.0
50.0	64.5	13.0	32.9
50.0	65.0	13.5	30.7
50.0	66.0	14.4	34.3
50.0	70.0	14.5	41.1
50.0	75.0	21.0	52.0
50.0	76.0	22.0	50.6
50.0	80.0	25.0	60.0
50.3	76.5	22.0	52.1
51.0	75.0	19.3	48.0
52.0	66.0	13.0	29.3
52.0	72.0	17.5	41.1
52.0	74.0	19.0	44.0
53.0	63.0	10.0	17.5
53.0	73.0	17.5	39.0
54.0	67.0	11.6	25.8
54.0	70.0	13.7	32.0
54.0	80.0	20.7	52.0
54.0	84.0	25.0	60.0
54.5	75.0	16.7	40.5
55.0	70.0	13.8	32.2
55.0	74.0	16.8	36.6
55.0	75.0	17.5	41.9
55.0	80.0	21.0	41.5
55.0	80.4	21.6	52.0
56.0	70.0	12.3	28.0
56.0	71.0	13.8	28.7
56.0	72.0	14.5	32.0
56.0	76.0	17.5	42.0
56.6	70.4	11.9	26.6
57.0	76.0	16.0	36.5
57.0	77.0	17.5	40.8
57.0	82.0	21.3	50.2
58.0	78.0	17.5	43.0
59.0	76.0	15.3	30.3
60.0	75.0	13.8	30.2
60.0	76.0	14.5	35.0
60.0	76.5	15.0	33.4
60.0	79.0	16.7	44.9
60.0	79.3	16.7	41.3
60.0	80.0	14.0	41.1
60.0	85.0	21.3	55.4
60.0	90.0	25.0	60.0
61.0	80.0	16.8	37.7
62.0	78.5	13.9	32.5
62.0	82.0	17.5	42.0
62.0	90.0	22.1	56.0
62.0	92.0	25.0	58.0
62.5	79.0	14.9	33.0
63.0	78.0	13.8	28.7
63.0	79.0	13.7	32.0
63.0	80.0	15.3	30.3

Ød/Ød1	ØD1/ØD	L min.	L max.
63.0	83.0	17.5	40.8
63.0	88.0	21.3	50.2
64.0	82.0	15.1	36.0
64.5	90.0	20.5	51.5
64.5	98.0	26.0	66.5
65.0	77.0	11.5	26.3
65.0	80.0	13.8	27.5
65.0	81.0	14.4	34.3
65.0	85.0	17.5	42.0
65.0	90.0	21.0	50.0
65.0	102.0	30.3	74.2
65.0	105.0	32.5	80.0
66.0	88.0	19.0	44.0
67.0	87.0	17.5	40.8
68.0	81.0	12.3	26.2
68.0	88.0	17.5	40.8
70.0	83.0	12.4	29.0
70.0	84.0	13.0	27.7
70.0	85.0	13.8	62.8
70.0	86.0	13.7	32.0
70.0	88.8	16.6	37.6
70.0	89.0	16.8	42.7
70.0	90.0	17.5	50.0
70.0	95.0	21.0	50.0
70.0	101.0	25.8	51.2
70.0	102.0	26.5	64.0
70.0	106.0	29.5	72.0
70.0	110.0	30.5	78.0
71.0	91.0	16.5	40.0
71.0	94.0	18.6	46.0
71.4	100.0	24.0	52.0
72.0	84.0	11.5	24.0
72.0	92.0	17.5	42.0
72.0	97.0	21.3	50.2
73.0	108.0	27.1	70.2
74.0	101.0	21.5	54.2
74.0	106.0	26.5	62.0
74.5	100.0	21.7	51.2
75.0	89.0	13.0	28.0
75.0	90.0	13.5	30.5
75.0	92.0	15.3	34.0
75.0	95.0	17.5	40.6
75.0	100.0	21.0	49.3
75.0	103.0	23.5	58.0
75.0	105.0	25.0	60.0
75.0	110.0	27.1	70.2
76.0	96.0	17.5	42.0
76.0	101.0	21.3	50.2
76.0	107.8	26.4	62.0
76.0	115.0	31.8	76.8
76.9	102.3	19.5	44.5
77.0	97.0	17.5	41.0
78.0	98.0	17.5	40.0
78.0	103.4	21.6	51.0
79.2	96.0	15.1	33.6
80.0	95.0	13.8	30.0
80.0	100.0	17.5	46.9
80.0	105.0	21.0	50.5
80.0	105.4	21.6	51.0
80.0	109.0	24.3	58.2
80.0	110.0	25.0	52.0
80.0	115.0	27.1	70.2
80.0	120.0	32.5	80.0
81.0	109.0	22.1	56.0

Ød/Ød1	ØD1/ØD	L min.	L max.
82.0	102.0	17.5	40.8
82.0	102.5	17.5	40.3
82.0	108.0	20.7	52.0
82.0	110.0	23.5	56.0
82.0	122.0	32.5	79.0
82.5	102.6	17.5	40.1
83.0	108.0	21.3	50.2
83.0	111.0	23.5	56.0
84.0	104.0	16.5	40.0
84.0	114.0	25.0	58.0
85.0	100.0	14.0	30.5
85.0	105.0	17.5	43.2
85.0	108.0	19.8	46.2
85.0	110.0	21.4	50.1
85.0	115.0	25.0	60.0
85.7	104.9	15.9	38.2
86.0	104.0	16.0	36.0
86.0	108.0	19.0	44.0
87.0	107.0	17.5	42.6
88.0	108.0	17.5	40.0
89.0	102.0	12.3	27.0
89.6	115.0	19.9	49.2
90.0	105.0	13.5	30.0
90.0	109.0	16.8	34.8
90.0	110.0	17.5	41.9
90.0	114.0	20.5	48.0
90.0	115.0	21.0	49.1
90.0	120.0	25.0	58.8
90.0	125.0	28.9	67.0
90.0	127.0	30.3	74.2
90.0	140.0	40.0	100.0
91.0	108.0	15.3	34.2
91.5	104.2	12.1	25.6
92.0	112.0	16.5	40.0
92.0	120.0	23.5	56.0
95.0	107.0	11.5	24.0
95.0	110.0	11.5	36.7
95.0	111.3	14.5	32.0
95.0	115.0	17.5	36.3
95.0	120.0	21.0	50.5
95.0	125.0	25.0	60.0
95.0	126.5	26.2	63.2
95.0	135.0	32.5	80.0
97.0	122.4	21.6	50.8
97.0	135.0	31.0	76.0
98.0	120.0	19.0	44.0
98.0	135.0	30.3	74.2
100.0	113.0	11.7	24.0
100.0	115.0	13.5	29.0
100.0	120.0	17.5	38.6
100.0	120.5	17.8	40.5
100.0	123.0	19.7	45.8
100.0	125.0	20.3	50.5
100.0	126.0	22.0	47.9
100.0	130.0	25.0	52.2
100.0	132.0	26.5	61.0
100.0	135.0	28.0	67.0
100.0	140.0	32.5	80.0
101.0	121.4	18.8	48.8
102.0	127.0	21.3	50.0
102.0	128.0	22.0	52.0
102.3	127.7	19.9	49.4
104.6	130.1	20.0	49.5
105.0	120.0	13.4	31.1

Metric Range

Ød/Ød1	ØD1/ØD	L min.	L max.
105.0	125.0	16.5	42.0
105.0	129.0	20.5	48.0
105.0	130.0	21.0	49.1
105.0	132.0	22.8	54.2
105.0	135.0	25.0	60.0
105.0	143.0	31.0	76.0
105.0	145.0	32.5	80.0
105.0	150.0	34.1	90.2
107.0	132.0	21.3	50.2
108.0	135.0	22.8	54.2
108.0	138.0	25.0	60.0
108.8	129.3	17.9	41.0
109.0	139.0	25.0	60.0
110.0	125.0	14.0	29.0
110.0	130.0	17.5	42.0
110.0	132.0	19.0	46.0
110.0	134.0	19.3	48.0
110.0	135.0	21.0	50.0
110.0	136.5	22.4	46.7
110.0	140.0	25.0	58.6
112.0	132.0	17.5	52.0
112.0	137.0	21.3	50.2
112.0	152.0	32.5	75.0
113.0	140.0	22.8	54.2
115.0	130.0	13.8	30.2
115.0	135.0	17.5	42.0
115.0	140.0	21.0	48.3
115.0	145.0	25.0	60.0
116.3	149.3	27.3	66.2
117.5	140.0	19.1	44.7
118.0	148.0	25.0	57.0
118.0	150.0	26.5	65.0
120.0	134.0	13.0	28.0
120.0	135.0	13.8	30.2
120.0	136.0	14.5	32.0
120.0	140.0	17.5	40.0
120.0	141.0	18.2	41.8
120.0	143.0	19.5	45.0
120.0	145.0	21.0	49.1
120.0	150.0	25.0	58.6
120.0	154.0	28.0	68.0
120.0	160.0	32.5	80.0
120.0	165.0	36.3	90.0
121.0	140.0	16.8	38.0
121.0	146.4	21.7	51.1
122.5	145.0	19.1	44.7
123.0	148.0	21.0	49.0
123.0	152.0	24.3	57.1
123.0	157.0	28.0	59.5
124.0	160.0	30.0	72.5
125.0	140.0	13.5	35.0
125.0	145.0	17.5	40.0
125.0	150.0	21.0	50.5
125.0	155.0	25.0	70.8
125.0	160.0	28.8	70.2
127.0	142.0	13.3	31.0
127.7	153.1	19.9	49.4
128.0	153.1	21.3	50.3
128.0	160.0	26.5	65.0
130.0	145.0	13.5	30.8
130.0	150.0	17.5	40.0
130.0	155.0	21.0	50.0
130.0	158.0	23.5	56.0
130.0	160.0	25.0	65.8

Ød/Ød1	ØD1/ØD	L min.	L max.
130.0	161.0	25.8	62.2
130.0	162.0	26.5	60.0
130.0	165.0	28.8	70.2
130.0	170.0	32.5	80.0
130.0	180.0	40.0	100.0
132.0	157.0	21.3	55.0
132.0	162.0	35.0	70.0
135.0	150.0	13.8	30.2
135.0	155.0	17.5	42.0
135.0	157.0	19.0	44.0
135.0	160.0	21.0	50.5
135.0	165.0	25.0	54.5
135.0	170.0	28.8	70.2
136.0	174.0	31.0	76.0
138.0	165.0	22.9	54.3
138.0	170.0	26.5	64.0
138.1	147.7	10.4	24.0
139.0	155.0	14.5	32.0
139.3	155.5	13.8	32.2
140.0	155.0	13.8	32.5
140.0	160.0	17.5	39.7
140.0	165.0	21.0	50.5
140.0	168.0	23.5	56.0
140.0	170.0	25.0	63.0
140.0	172.0	26.5	67.0
140.0	180.0	32.5	73.0
145.0	170.0	21.0	50.5
145.0	173.0	23.5	56.0
145.0	175.0	25.0	55.5
145.0	180.0	29.0	71.0
145.0	185.0	32.5	72.0
145.9	162.1	14.5	30.8
147.0	177.0	25.0	60.0
148.0	173.4	21.6	50.8
148.0	180.0	26.5	65.0
150.0	164.0	13.0	28.0
150.0	170.0	17.5	42.0
150.0	175.0	21.0	50.0
150.0	180.0	25.0	59.8
150.0	180.5	25.0	60.3
150.0	181.0	25.8	58.6
150.0	184.0	28.0	68.0
150.0	185.8	29.4	71.8
150.0	186.0	29.5	72.0
152.0	178.0	22.0	52.0
152.0	184.0	26.5	64.0
152.0	191.0	31.8	78.2
153.0	178.0	21.3	50.2
153.0	185.0	26.5	64.0
154.0	184.0	23.5	60.0
155.0	175.0	17.5	40.0
155.0	185.0	25.0	60.0
155.0	190.0	28.9	71.2
157.0	187.0	25.0	60.0
157.0	190.0	27.3	66.0
158.0	178.0	17.5	40.0
158.0	192.0	28.0	68.0
158.6	190.6	26.5	64.0
160.0	179.0	16.8	38.0
160.0	180.0	17.5	54.0
160.0	185.0	21.0	48.5
160.0	188.0	23.5	56.0
160.0	190.0	24.0	59.8
160.0	192.0	26.5	64.0

Ød/Ød1	ØD1/ØD	L min.	L max.
160.0	195.0	28.8	69.4
160.0	200.0	32.5	80.0
160.0	205.0	36.7	89.8
163.0	197.0	28.0	67.5
165.0	185.0	16.5	40.0
165.0	190.0	21.3	50.2
165.0	195.0	25.0	59.8
165.0	198.0	27.3	66.2
168.0	200.0	26.5	64.0
168.0	206.0	31.0	76.0
170.0	185.0	13.5	29.0
170.0	190.0	17.5	42.0
170.0	195.0	21.0	51.0
170.0	200.0	25.0	64.8
170.0	201.0	25.8	62.2
170.0	202.0	26.5	62.0
170.0	203.0	27.3	66.2
170.0	204.0	28.0	60.5
170.0	207.0	30.3	74.2
170.0	215.0	36.3	90.2
170.0	220.0	40.0	100.0
172.0	203.0	25.8	62.0
173.0	203.0	25.0	60.0
175.0	200.0	21.3	50.2
175.0	205.0	25.0	59.8
176.0	206.0	25.0	60.0
177.0	203.0	22.0	52.0
180.0	195.0	13.5	29.0
180.0	200.0	17.5	42.0
180.0	205.0	21.3	50.2
180.0	209.0	24.0	57.0
180.0	210.0	25.0	59.8
180.0	215.0	28.8	70.2
180.0	220.0	32.5	75.3
182.0	245.0	49.8	126.2
183.0	218.0	28.0	73.8
185.0	205.0	17.5	40.0
185.0	215.0	25.0	59.8
185.0	216.0	25.8	62.2
186.0	216.0	25.0	60.0
188.0	200.0	35.5	48.0
189.0	220.0	25.8	58.3
190.0	217.0	21.5	47.5
190.0	220.0	25.0	59.8
190.0	225.0	28.8	70.0
190.0	230.0	32.5	80.0
194.6	214.6	17.5	37.0
195.0	220.0	21.3	50.2
195.0	225.0	25.0	62.5
195.0	227.0	26.5	57.0
195.0	235.0	32.5	80.0
196.0	228.6	27.0	61.0
197.6	227.6	25.0	58.0
198.0	232.0	28.0	59.0
198.5	220.0	18.6	43.0
199.0	220.0	17.2	42.0
200.0	220.0	17.5	60.0
200.0	225.0	19.8	49.0
200.0	230.0	20.5	73.2
200.0	232.0	26.5	64.0
200.0	235.0	28.9	68.8
200.0	238.0	31.0	76.0
200.0	240.0	32.5	82.0
200.0	250.0	40.0	94.5

Metric Range

Ød/Ød1	ØD1/ØD	L min.	L max.
202.0	232.0	25.0	60.0
203.0	235.0	23.9	60.0
203.0	255.0	41.5	97.0
205.0	227.0	19.0	44.0
205.0	230.0	21.3	50.0
205.0	235.0	25.0	60.0
208.0	238.0	25.0	60.0
208.0	242.0	28.0	67.5
208.0	255.0	37.8	94.2
210.0	230.0	17.5	42.0
210.0	235.0	21.3	47.7
210.0	240.0	25.0	60.0
210.0	242.0	26.5	64.0
210.0	248.0	31.0	73.8
210.0	250.0	32.5	80.0
212.0	236.5	20.9	49.0
212.0	237.0	20.1	47.2
212.0	250.0	31.0	76.0
212.7	247.7	27.1	66.7
213.8	253.0	31.9	78.4
215.0	230.0	13.1	30.2
215.0	235.0	17.5	42.0
215.0	245.0	25.0	58.6
215.0	247.0	26.5	64.0
215.0	255.0	32.5	81.0
215.0	260.0	36.3	85.3
215.0	265.0	40.0	100.0
215.8	233.9	16.3	36.7
218.0	250.0	26.5	67.0
218.0	252.0	28.0	68.0
220.0	240.0	17.5	40.0
220.0	245.0	21.0	50.5
220.0	245.4	21.6	50.7
220.0	250.0	25.0	70.0
220.0	250.4	25.3	60.8
220.0	251.7	26.5	63.9
220.0	252.0	26.5	64.0
220.0	252.5	26.9	65.0
220.0	258.0	31.0	76.0
220.0	260.0	32.5	80.0
220.0	270.0	40.0	100.0
220.8	250.8	25.0	60.0
225.0	245.0	17.5	40.0
225.0	250.0	20.1	50.2
225.0	255.0	25.0	60.0
225.0	260.0	28.9	70.3
226.0	261.0	28.9	70.3
230.0	245.0	13.8	30.2
230.0	250.0	17.5	39.0
230.0	260.0	25.0	60.0
230.0	265.0	28.8	70.0
232.0	263.0	25.8	62.0
235.0	250.0	13.8	30.2
235.0	255.0	17.5	42.0
235.0	265.0	25.0	60.0
236.0	261.0	19.8	47.0
236.0	280.0	35.5	88.0
237.0	267.0	25.0	60.0
240.0	260.0	17.5	42.0
240.0	270.0	25.0	60.0
240.0	272.0	26.5	64.0
240.0	280.0	32.5	90.6
242.0	280.0	31.0	74.0
243.0	275.0	26.5	64.0

Ød/Ød1	ØD1/ØD	L min.	L max.
245.0	275.0	25.0	60.0
246.0	278.0	26.5	64.0
248.0	269.0	17.2	41.8
248.0	280.0	26.5	64.0
250.0	270.0	17.5	37.0
250.0	275.0	21.3	50.2
250.0	280.0	25.0	60.0
250.0	281.4	26.5	63.7
250.0	282.0	26.5	60.0
250.0	285.0	28.9	70.3
250.0	287.0	30.0	73.0
250.0	290.0	32.5	73.4
250.0	300.0	40.0	87.0
253.0	309.0	41.7	112.0
255.0	285.0	25.0	60.0
255.0	287.0	26.5	64.0
255.0	290.0	28.8	70.2
255.0	292.0	30.0	73.0
256.0	301.0	36.2	89.8
260.0	290.0	25.0	60.0
260.0	292.0	26.5	56.0
260.0	296.0	29.5	72.0
260.0	300.0	32.5	80.0
260.0	305.0	36.0	89.0
262.0	292.0	25.0	60.0
262.0	300.0	31.0	76.0
263.4	288.4	21.3	50.2
265.0	295.0	25.0	60.0
265.0	320.0	43.8	110.2
266.5	307.0	30.9	81.3
270.0	290.0	17.5	40.0
270.0	300.0	25.0	60.0
270.0	302.0	26.5	66.7
270.0	307.0	28.9	76.0
270.0	308.0	31.0	72.6
270.9	310.0	31.9	78.4
275.0	305.0	25.0	60.0
275.0	315.0	30.0	80.0
278.4	339.7	48.5	103.2
279.0	334.0	43.8	92.4
280.0	295.0	13.8	30.2
280.0	296.0	14.5	32.0
280.0	305.0	21.0	49.0
280.0	310.0	25.0	60.0
280.0	312.0	26.5	64.0
280.0	315.0	28.9	70.4
280.0	320.0	32.5	81.0
280.0	322.0	34.0	84.0
280.0	323.5	35.2	87.2
280.0	330.0	37.5	100.0
284.0	314.0	25.0	60.0
285.0	315.0	25.0	60.0
285.0	320.0	28.9	70.3
285.0	325.0	32.5	81.0
288.8	307.8	15.8	35.2
290.0	315.0	20.1	50.2
290.0	320.0	25.0	60.0
290.0	322.0	26.5	65.0
290.0	326.0	29.5	68.0
290.0	342.0	41.5	104.0
295.0	325.0	25.0	65.0
296.9	343.0	34.7	138.1
299.0	330.0	25.8	62.2
300.0	320.0	16.5	40.0

Ød/Ød1	ØD1/ØD	L min.	L max.
300.0	321.0	17.2	41.8
300.0	330.0	25.0	60.0
300.0	332.0	26.5	62.0
300.0	336.0	29.5	72.0
300.0	340.0	32.5	73.3
300.0	340.3	32.7	74.5
300.0	346.0	37.0	76.0
304.0	330.0	23.0	52.0
305.0	335.0	26.0	60.0
306.0	336.0	26.0	60.0
308.0	343.0	28.1	70.2
310.0	330.0	17.5	40.0
310.0	340.0	26.0	60.0
310.0	345.0	29.8	70.2
310.0	350.0	33.5	81.0
315.0	345.0	26.0	60.0
315.0	350.0	29.8	72.7
320.0	350.0	26.0	60.0
320.0	360.0	33.5	75.3
320.0	380.0	48.5	120.0
320.1	346.8	23.5	53.5
325.0	355.0	26.0	58.0
325.0	365.0	33.5	79.0
330.0	360.0	26.0	60.0
330.0	365.0	28.1	70.2
330.0	370.0	33.5	80.0
335.0	350.0	14.8	30.2
335.0	355.0	17.5	40.0
340.0	370.0	26.0	60.0
340.0	380.0	33.5	80.0
350.0	380.0	26.0	59.0
350.0	388.0	28.6	70.0
350.0	390.0	33.5	80.0
355.0	385.0	24.5	60.0
355.0	395.0	33.5	80.0
360.0	390.0	26.0	60.0
360.0	400.0	33.5	75.3
370.0	400.0	26.0	60.0
380.0	410.0	26.0	60.0
380.0	420.0	33.5	76.0
385.0	415.0	26.0	58.0
390.0	420.0	26.0	60.0
395.0	427.0	27.5	62.3
400.0	430.0	26.0	62.0
400.0	440.0	33.5	81.0
408.0	442.0	27.3	68.0
410.0	440.0	26.0	60.0
410.0	450.0	33.5	81.0
416.0	450.0	27.3	68.0
420.0	450.0	26.0	58.6
420.0	460.0	33.5	87.0
430.0	460.0	24.5	60.0
430.0	470.0	33.5	81.0
435.0	465.0	26.0	53.0
440.0	470.0	26.0	60.0
440.0	480.0	33.5	81.0
450.0	480.0	26.0	60.0
450.0	490.0	33.5	81.0
460.0	500.0	33.5	81.0
463.0	500.0	31.0	73.0
470.0	510.0	33.5	81.0
480.0	520.0	33.5	81.0
490.0	530.0	33.5	81.0
500.0	530.0	26.0	60.0

Metric Range

Ød/Ød1	ØD1/ØD	L min.	L max.
500.0	532.0	27.5	60.1
500.0	540.0	33.5	81.0
505.0	545.0	33.5	88.0
510.0	534.3	21.5	48.2
510.0	550.0	33.5	79.0
520.0	560.0	31.5	80.3
520.8	558.5	31.0	73.4
530.0	568.5	36.8	72.3
540.0	570.0	26.0	60.0
540.0	580.0	31.5	80.0
550.0	580.0	24.5	60.0
550.0	590.0	31.5	80.0
560.0	590.0	24.5	60.0
560.0	600.0	33.5	80.0
570.0	610.0	33.5	80.0
580.0	620.0	33.5	79.0
580.0	630.0	41.0	100.0
590.0	614.3	27.5	72.2
590.0	640.0	41.0	100.0
600.0	640.0	35.0	79.0
603.0	641.0	31.6	76.0
610.0	650.0	35.0	79.0
620.0	660.0	33.0	80.0
630.0	670.0	33.0	80.0
640.0	670.0	26.0	60.0
650.0	690.0	35.0	79.0
655.0	695.0	33.0	80.0
660.0	700.0	35.0	81.0
670.0	710.0	33.0	80.0
680.0	704.3	21.9	48.2
681.0	725.7	36.5	90.8
694.5	740.0	36.8	91.0
694.5	742.0	38.2	95.0

Ød/Ød1	ØD1/ØD	L min.	L max.
695.0	742.0	37.9	94.0
696.0	740.0	34.8	84.0
696.0	742.0	37.1	91.6
696.0	744.0	38.6	96.0
700.0	738.5	38.3	71.4
700.0	739.3	32.2	77.3
700.0	740.0	34.5	83.8
700.0	742.0	34.4	84.0
700.0	744.0	35.8	92.8
700.0	750.0	40.0	100.0
710.0	748.5	32.0	82.1
710.0	750.0	35.0	79.0
715.9	740.0	20.8	42.6
716.0	741.0	21.3	45.0
740.0	764.0	27.5	48.0
750.0	788.5	43.6	86.9
750.0	790.0	35.0	80.0
750.0	792.0	47.0	94.5
750.0	795.0	50.1	101.5
757.0	798.5	46.4	93.1
760.0	800.0	45.0	90.0
760.0	810.0	42.5	100.0
766.0	790.0	28.0	50.0
796.0	840.0	49.0	99.0
796.0	842.0	50.9	103.1
797.0	841.5	49.5	100.0
798.0	840.5	47.4	95.1
799.0	840.0	46.1	92.5
800.0	838.5	43.4	86.1
800.0	840.0	45.0	90.0
801.9	840.0	43.1	85.6
820.0	850.0	35.0	67.5
820.0	860.0	35.0	80.0

Ød/Ød1	ØD1/ØD	L min.	L max.
832.5	864.0	35.1	65.4
848.0	893.0	50.1	101.5
850.0	888.5	43.4	86.1
850.0	890.0	43.0	82.0
850.0	892.0	47.0	94.5
900.0	930.0	26.0	54.0
900.0	950.0	55.0	112.5
910.0	950.0	35.0	80.0
920.0	950.0	35.0	67.5
920.0	960.0	45.0	90.0
950.0	970.0	25.0	45.0
950.0	988.5	34.1	77.5
950.0	1007.2	62.4	129.5
953.5	985.0	35.1	65.4
980.0	1018.0	26.0	61.0
996.0	1046.0	55.0	112.5
997.0	1052.0	60.1	124.0
1005.0	1055.0	55.0	112.5
1010.0	1060.0	55.0	112.5
1020.0	1058.0	40.5	75.5
1030.0	1060.0	26.5	60.0
1032.0	1062.0	27.5	60.0
1050.0	1100.0	55.0	112.5
1060.0	1098.0	27.5	59.5
1096.0	1146.0	55.0	112.5
1100.0	1131.5	35.1	65.4
1114.0	1170.0	68.0	154.0
1130.0	1160.0	35.0	67.5
1150.0	1180.0	26.5	59.0
1175.0	1205.0	35.0	67.5
1185.0	1216.5	35.1	65.4
1310.0	1350.0	45.0	90.0

Split Packing Sets

Split packing sets to suit standard housing sections are available without mould charges for the specified diameter ranges given in the following table. This extensive range is available within five working days of ordering.

Axial depth - L		Radial section	Outside diameter range	
			Above	Up to & including
Metric (mm)				
48.0	114.0	20.0	700.0	1935.0
60.5	142.5	25.0	700.0	1935.0
Imperial (inch)				
1.811	4.232	0.750	27.500	76.125
2.051	3.646	0.875	27.500	76.125
2.382	5.610	1.000	27.500	76.125
2.972	7.014	1.250	46.250	52.125