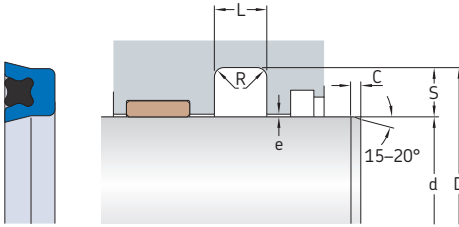


### 3.5 STD profile rod seals, inch sizes d 0.125 – 0.562 in.



#### Maximum extrusion gap e

Radial depth S	e <sub>max</sub> at 60 °C (140 °F) for pressures		
	2 300 psi	3 600 psi	5 800 psi
in.	in.		
<b>0.125</b>	0.008	0.004	–
<b>0.156 to 0.187</b>	0.014	0.008	–
<b>0.218 to 0.25</b>	0.018	0.01	0.004
<b>0.281 to 0.437</b>	0.02	0.012	0.006
<b>0.5 to 0.562</b>	0.024	0.012	0.008
<b>0.625 to 0.75</b>	0.024	0.012	0.008

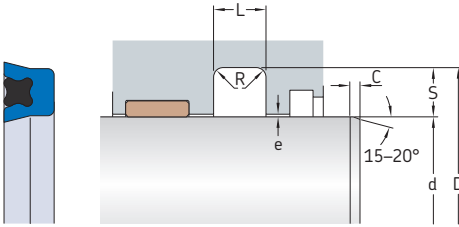
For additional information → page 34

#### Dimensions

#### Designation

d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	Designation
in.								–
<b>0.125</b>	–0.001	0.375	0.002	0.138	0.125	0.015	0.25	<b>STD125-125-125-J1S</b>
<b>0.14</b>	–0.001	0.39	0.002	0.138	0.125	0.015	0.25	<b>STD125-140-125-J1S</b>
<b>0.156</b>	–0.001	0.406	0.002	0.138	0.125	0.015	0.25	<b>STD125-156-125-J1S</b>
<b>0.187</b>	–0.001 –0.001	0.437 0.561	0.002 0.002	0.138 0.206	0.125 0.187	0.015 0.015	0.25 0.25	<b>STD125-187-125-J1S</b> <b>STD187-187-187-J1S</b>
<b>0.25</b>	–0.001 –0.001 –0.002 –0.002	0.5 0.624 0.75 0.874	0.002 0.002 0.003 0.004	0.138 0.206 0.275 0.343	0.125 0.187 0.25 0.312	0.015 0.015 0.02 0.02	0.25 0.25 0.312 0.312	<b>STD125-250-125-J1S</b> <b>STD187-250-187-J1S</b> <b>STD250-250-250-J1S</b> <b>STD312-250-312-J1S</b>
<b>0.312</b>	–0.001 –0.001 –0.002 –0.002	0.562 0.686 0.748 0.812	0.002 0.002 0.003 0.003	0.138 0.206 0.24 0.275	0.125 0.187 0.218 0.25	0.015 0.015 0.015 0.02	0.25 0.25 0.25 0.312	<b>STD125-312-125-J1S</b> <b>STD187-312-187-J1S</b> <b>STD218-312-218-J1S</b> <b>STD250-312-250-J1S</b>
<b>0.375</b>	–0.001 –0.001 –0.002 –0.002	0.625 0.749 0.875 0.999	0.002 0.002 0.003 0.004	0.138 0.206 0.275 0.343	0.125 0.187 0.25 0.312	0.015 0.015 0.02 0.02	0.25 0.25 0.312 0.312	<b>STD125-375-125-J1S</b> <b>STD187-375-187-J1S</b> <b>STD250-375-250-J1S</b> <b>STD312-375-312-J1S</b>
<b>0.437</b>	–0.001 –0.001 –0.002 –0.002	0.687 0.811 0.937 1.061	0.002 0.002 0.003 0.004	0.138 0.206 0.275 0.343	0.125 0.187 0.25 0.312	0.015 0.015 0.02 0.02	0.25 0.25 0.312 0.312	<b>STD125-437-125-J1S</b> <b>STD187-437-187-J1S</b> <b>STD250-437-250-J1S</b> <b>STD312-437-312-J1S</b>
<b>0.5</b>	–0.001 –0.001 –0.001 –0.002 –0.002 –0.002	0.75 0.812 0.874 1 1.124 1.25	0.002 0.002 0.002 0.003 0.004 0.005	0.138 0.172 0.206 0.275 0.343 0.413	0.125 0.156 0.187 0.25 0.312 0.375	0.015 0.015 0.015 0.02 0.02 0.03	0.25 0.25 0.25 0.312 0.312 0.5	<b>STD125-500-125-J1S</b> <b>STD156-500-156-J1S</b> <b>STD187-500-187-J1S</b> <b>STD250-500-250-J1S</b> <b>STD312-500-312-J1S</b> <b>STD375-500-375-J1S</b>
<b>0.562</b>	–0.001 –0.001 –0.002	0.812 0.936 1.062	0.002 0.002 0.003	0.138 0.206 0.275	0.125 0.187 0.25	0.015 0.015 0.02	0.25 0.25 0.312	<b>STD125-562-125-J1S</b> <b>STD187-562-187-J1S</b> <b>STD250-562-250-J1S</b>

### 3.5 STD profile rod seals, inch sizes d 0.625 – 1.75 in.



#### Maximum extrusion gap e

Radial depth S	e <sub>max</sub> at 60 °C (140 °F) for pressures		
	2 300 psi	3 600 psi	5 800 psi
in.	in.		
<b>0.125</b>	0.008	0.004	–
<b>0.156 to 0.187</b>	0.014	0.008	–
<b>0.218 to 0.25</b>	0.018	0.01	0.004
<b>0.281 to 0.437</b>	0.02	0.012	0.006
<b>0.5 to 0.562</b>	0.024	0.012	0.008
<b>0.625 to 0.75</b>	0.024	0.012	0.008

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#### Dimensions

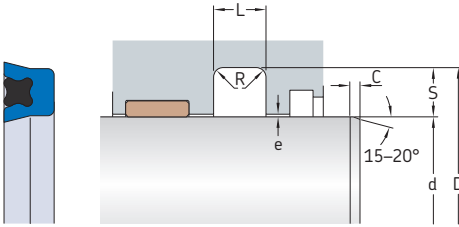
#### Designation

d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	Designation
in.								–
<b>0.625</b>	–0.001	0.875	0.002	0.138	0.125	0.015	0.25	<b>STD125-625-125-J1S</b>
	–0.001	0.937	0.002	0.172	0.156	0.015	0.25	<b>STD156-625-156-J1S</b>
	–0.001	0.999	0.002	0.206	0.187	0.015	0.25	<b>STD187-625-187-J1S</b>
	–0.002	1.125	0.003	0.275	0.25	0.02	0.312	<b>STD250-625-250-J1S</b>
	–0.002	1.249	0.004	0.343	0.312	0.02	0.312	<b>STD312-625-312-J1S</b>
	–0.002	1.375	0.005	0.413	0.375	0.03	0.5	<b>STD375-625-375-J1S</b>
	–0.003	1.625	0.007	0.55	0.5	0.03	0.625	<b>STD500-625-500-J1S</b>
<b>0.687</b>	–0.001	0.937	0.002	0.138	0.125	0.015	0.25	<b>STD125-687-125-J1S</b>
<b>0.75</b>	–0.001	1	0.002	0.138	0.125	0.015	0.25	<b>STD125-750-125-J1S</b>
	–0.001	1.062	0.002	0.172	0.156	0.015	0.25	<b>STD156-750-156-J1S</b>
	–0.001	1.124	0.002	0.206	0.187	0.015	0.25	<b>STD187-750-187-J1S</b>
	–0.002	1.25	0.003	0.275	0.25	0.02	0.312	<b>STD250-750-250-J1S</b>
	–0.002	1.374	0.004	0.343	0.312	0.02	0.312	<b>STD312-750-312-J1S</b>
	–0.002	1.5	0.005	0.413	0.375	0.03	0.5	<b>STD375-750-375-J1S</b>
<b>0.812</b>	–0.001	1.062	0.002	0.138	0.125	0.015	0.25	<b>STD125-812-125-J1S</b>
	–0.002	1.312	0.003	0.275	0.25	0.02	0.312	<b>STD250-812-250-J1S</b>
<b>0.875</b>	–0.001	1.125	0.002	0.138	0.125	0.015	0.25	<b>STD125-875-125-J1S</b>
	–0.001	1.249	0.002	0.206	0.187	0.015	0.25	<b>STD187-875-187-J1S</b>
	–0.002	1.375	0.003	0.275	0.25	0.02	0.312	<b>STD250-875-250-J1S</b>
	–0.002	1.499	0.004	0.343	0.312	0.02	0.312	<b>STD312-875-312-J1S</b>
	–0.002	1.625	0.005	0.413	0.375	0.03	0.5	<b>STD375-875-375-J1S</b>
<b>0.937</b>	–0.002	1.687	0.005	0.413	0.375	0.03	0.5	<b>STD375-937-375-J1S</b>
<b>1</b>	–0.001	1.25	0.002	0.138	0.125	0.015	0.25	<b>STD125-1000-125-J1S</b>
	–0.001	1.312	0.002	0.172	0.156	0.015	0.25	<b>STD156-1000-156-J1S</b>
	–0.001	1.374	0.002	0.206	0.187	0.015	0.25	<b>STD187-1000-187-J1S</b>
	–0.002	1.5	0.003	0.275	0.25	0.02	0.312	<b>STD250-1000-250-J1S</b>
	–0.002	1.562	0.003	0.309	0.281	0.02	0.312	<b>STD281-1000-281-J1S</b>
	–0.002	1.624	0.004	0.343	0.312	0.02	0.312	<b>STD312-1000-312-J1S</b>
	–0.002	1.75	0.005	0.413	0.375	0.03	0.5	<b>STD375-1000-375-J1S</b>
	–0.003	2	0.007	0.55	0.5	0.03	0.625	<b>STD500-1000-500-J1S</b>
	–0.002	1.624	0.004	0.343	0.312	0.02	0.312	<b>STD312-1000-312-J1S</b>
–0.002	1.75	0.005	0.413	0.375	0.03	0.5	<b>STD375-1000-375-J1S</b>	
–0.003	2	0.007	0.55	0.5	0.03	0.625	<b>STD500-1000-500-J1S</b>	
<b>1.062</b>	–0.001	1.312	0.002	0.138	0.125	0.015	0.25	<b>STD125-1062-125-J1S</b>
	–0.001	1.436	0.002	0.206	0.187	0.015	0.25	<b>STD187-1062-187-J1S</b>

Dimensions				Designation				
d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	
in.								-
1.125	-0.001	1.375	0.002	0.138	0.125	0.015	0.25	STD125-1125-125-J15
	-0.001	1.437	0.002	0.172	0.156	0.015	0.25	STD156-1125-156-J15
	-0.001	1.499	0.002	0.206	0.187	0.015	0.25	STD187-1125-187-J15
	-0.002	1.625	0.003	0.275	0.25	0.02	0.312	STD250-1125-250-J15
	-0.002	1.749	0.004	0.343	0.312	0.02	0.312	STD312-1125-312-J15
	-0.002	1.875	0.005	0.413	0.375	0.03	0.5	STD375-1125-375-J15
1.187	-0.001	1.499	0.002	0.172	0.156	0.015	0.25	STD156-1187-156-J15
	-0.001	1.561	0.002	0.206	0.187	0.015	0.25	STD187-1187-187-J15
	-0.002	1.687	0.003	0.275	0.25	0.02	0.312	STD250-1187-250-J15
	-0.002	1.811	0.004	0.343	0.312	0.02	0.312	STD312-1187-312-J15
1.25	-0.001	1.5	0.002	0.138	0.125	0.015	0.25	STD125-1250-125-J15
	-0.001	1.562	0.002	0.172	0.156	0.015	0.25	STD156-1250-156-J15
	-0.001	1.624	0.002	0.206	0.187	0.015	0.25	STD187-1250-187-J15
	-0.002	1.75	0.003	0.275	0.25	0.02	0.312	STD250-1250-250-J15
	-0.002	1.874	0.004	0.343	0.312	0.02	0.312	STD312-1250-312-J15
	-0.002	2	0.005	0.413	0.375	0.03	0.5	STD375-1250-375-J15
	-0.003	2.25	0.007	0.55	0.5	0.03	0.625	STD500-1250-500-J15
-0.003	2.5	0.009	0.688	0.625	0.045	0.875	STD625-1250-625-J15	
1.312	-0.001	1.562	0.002	0.138	0.125	0.015	0.25	STD125-1312-125-J15
	-0.001	1.686	0.002	0.206	0.187	0.015	0.25	STD187-1312-187-J15
	-0.002	1.812	0.003	0.275	0.25	0.02	0.312	STD250-1312-250-J15
	-0.002	2.062	0.005	0.413	0.375	0.03	0.5	STD375-1312-375-J15
1.375	-0.001	1.687	0.002	0.172	0.156	0.015	0.25	STD156-1375-156-J15
	-0.001	1.749	0.002	0.206	0.187	0.015	0.25	STD187-1375-187-J15
	-0.002	1.875	0.003	0.275	0.25	0.02	0.312	STD250-1375-250-J15
	-0.002	1.999	0.004	0.343	0.312	0.02	0.312	STD312-1375-312-J15
	-0.002	2.125	0.005	0.413	0.375	0.03	0.5	STD375-1375-375-J15
1.437	-0.001	1.687	0.002	0.138	0.125	0.015	0.25	STD125-1437-125-J15
	-0.001	1.811	0.002	0.206	0.187	0.015	0.25	STD187-1437-187-J15
	-0.002	1.937	0.003	0.275	0.25	0.02	0.312	STD250-1437-250-J15
	-0.002	2.061	0.004	0.343	0.312	0.02	0.312	STD312-1437-312-J15
1.5	-0.001	1.75	0.002	0.138	0.125	0.015	0.25	STD125-1500-125-J15
	-0.001	1.874	0.002	0.206	0.187	0.015	0.25	STD187-1500-187-J15
	-0.002	2	0.003	0.275	0.25	0.02	0.312	STD250-1500-250-J15
	-0.002	2.124	0.004	0.343	0.312	0.02	0.312	STD312-1500-312-J15
	-0.002	2.25	0.005	0.413	0.375	0.03	0.5	STD375-1500-375-J15
	-0.002	2.374	0.006	0.481	0.437	0.03	0.5	STD437-1500-437-J15
-0.003	2.5	0.007	0.55	0.5	0.03	0.625	STD500-1500-500-J15	
1.562	-0.001	1.812	0.002	0.138	0.125	0.015	0.25	STD125-1562-125-J15
	-0.001	1.936	0.002	0.206	0.187	0.015	0.25	STD187-1562-187-J15
	-0.002	2.312	0.005	0.413	0.375	0.03	0.5	STD375-1562-375-J15
1.593	-0.002	2.093	0.003	0.275	0.25	0.02	0.312	STD250-1593-250-J15
1.625	-0.001	1.875	0.002	0.138	0.125	0.015	0.25	STD125-1625-125-J15
	-0.001	1.999	0.002	0.206	0.187	0.015	0.25	STD187-1625-187-J15
	-0.002	2.125	0.003	0.275	0.25	0.02	0.312	STD250-1625-250-J15
	-0.002	2.249	0.004	0.343	0.312	0.02	0.312	STD312-1625-312-J15
	-0.002	2.375	0.005	0.413	0.375	0.03	0.5	STD375-1625-375-J15
	-0.003	2.625	0.007	0.55	0.5	0.03	0.625	STD500-1625-500-J15
1.687	-0.001	2.061	0.002	0.206	0.187	0.015	0.25	STD187-1687-187-J15
	-0.002	2.311	0.004	0.343	0.312	0.02	0.312	STD312-1687-312-J15
1.75	-0.001	2	0.002	0.138	0.125	0.015	0.25	STD125-1750-125-J15
	-0.001	2.124	0.002	0.206	0.187	0.015	0.25	STD187-1750-187-J15
	-0.002	2.25	0.003	0.275	0.25	0.02	0.312	STD250-1750-250-J15
	-0.002	2.374	0.004	0.343	0.312	0.02	0.312	STD312-1750-312-J15

3.5

### 3.5 STD profile rod seals, inch sizes d 1.75 – 3.25 in.



#### Maximum extrusion gap e

Radial depth S	e <sub>max</sub> at 60 °C (140 °F) for pressures		
	2300 psi	3 600 psi	5 800 psi
in.	in.		
<b>0.125</b>	0.008	0.004	–
<b>0.156 to 0.187</b>	0.014	0.008	–
<b>0.218 to 0.25</b>	0.018	0.01	0.004
<b>0.281 to 0.437</b>	0.02	0.012	0.006
<b>0.5 to 0.562</b>	0.024	0.012	0.008
<b>0.625 to 0.75</b>	0.024	0.012	0.008

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#### Dimensions

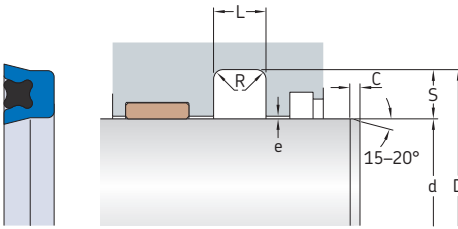
#### Designation

d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	Designation
in.								–
<b>1.75</b> cont.	-0.002	2.5	0.005	0.413	0.375	0.03	0.5	STD375-1750-375-J1S
	-0.003	2.75	0.007	0.55	0.5	0.03	0.625	STD500-1750-500-J1S
	-0.003	3	0.009	0.688	0.625	0.045	0.875	STD625-1750-625-J1S
<b>1.875</b>	-0.001	2.125	0.002	0.138	0.125	0.015	0.25	STD125-1875-125-J1S
	-0.001	2.249	0.002	0.206	0.187	0.015	0.25	STD187-1875-187-J1S
	-0.002	2.375	0.003	0.275	0.25	0.02	0.312	STD250-1875-250-J1S
	-0.002	2.499	0.004	0.343	0.312	0.02	0.312	STD312-1875-312-J1S
	-0.002	2.625	0.005	0.413	0.375	0.03	0.5	STD375-1875-375-J1S
	-0.002	2.749	0.006	0.481	0.437	0.03	0.5	STD437-1875-437-J1S
<b>1.937</b>	-0.002	2.561	0.004	0.343	0.312	0.02	0.312	STD312-1937-312-J1S
<b>2</b>	-0.001	2.374	0.002	0.206	0.187	0.015	0.25	STD187-2000-187-J1S
	-0.002	2.5	0.003	0.275	0.25	0.02	0.312	STD250-2000-250-J1S
	-0.002	2.624	0.004	0.343	0.312	0.02	0.312	STD312-2000-312-J1S
	-0.002	2.75	0.005	0.413	0.375	0.03	0.5	STD375-2000-375-J1S
	-0.003	3	0.007	0.55	0.5	0.03	0.625	STD500-2000-500-J1S
	-0.003	3.25	0.009	0.688	0.625	0.045	0.875	STD625-2000-625-J1S
<b>2.125</b>	-0.001	2.375	0.002	0.138	0.125	0.015	0.25	STD125-2125-125-J1S
	-0.001	2.499	0.002	0.206	0.187	0.015	0.25	STD187-2125-187-J1S
	-0.002	2.625	0.003	0.275	0.25	0.02	0.312	STD250-2125-250-J1S
	-0.002	2.749	0.004	0.343	0.312	0.02	0.312	STD312-2125-312-J1S
	-0.002	2.875	0.005	0.413	0.375	0.03	0.5	STD375-2125-375-J1S
	-0.002	2.875	0.005	0.413	0.375	0.03	0.5	STD375-2125-375-J1S
<b>2.25</b>	-0.001	2.624	0.002	0.206	0.187	0.015	0.25	STD187-2250-187-J1S
	-0.002	2.75	0.003	0.275	0.25	0.02	0.312	STD250-2250-250-J1S
	-0.002	2.874	0.004	0.343	0.312	0.02	0.312	STD312-2250-312-J1S
	-0.002	3	0.005	0.413	0.375	0.03	0.5	STD375-2250-375-J1S
	-0.003	3.25	0.007	0.55	0.5	0.03	0.625	STD500-2250-500-J1S
	-0.003	3.5	0.009	0.688	0.625	0.045	0.875	STD625-2250-625-J1S
<b>2.312</b>	-0.002	2.874	0.003	0.309	0.281	0.02	0.312	STD281-2312-281-J1S
<b>2.375</b>	-0.001	2.625	0.002	0.138	0.125	0.015	0.25	STD125-2375-125-J1S
	-0.001	2.749	0.002	0.206	0.187	0.015	0.25	STD187-2375-187-J1S
	-0.002	2.875	0.003	0.275	0.25	0.02	0.312	STD250-2375-250-J1S
	-0.002	2.999	0.004	0.343	0.312	0.02	0.312	STD312-2375-312-J1S
	-0.002	3.125	0.005	0.413	0.375	0.03	0.5	STD375-2375-375-J1S
	-0.003	3.375	0.007	0.55	0.5	0.03	0.625	STD500-2375-500-J1S

Dimensions				Designation				
d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	
in.								-
2.437	-0.002	2.937	0.003	0.275	0.25	0.02	0.312	STD250-2437-250-J15
	-0.002	3.187	0.005	0.413	0.375	0.03	0.5	STD375-2437-375-J15
2.5	-0.001	2.75	0.002	0.138	0.125	0.015	0.25	STD125-2500-125-J15
	-0.001	2.874	0.002	0.206	0.187	0.015	0.25	STD187-2500-187-J15
	-0.002	2.936	0.003	0.24	0.218	0.015	0.25	STD218-2500-218-J15
	-0.002	3	0.003	0.275	0.25	0.02	0.312	STD250-2500-250-J15
	-0.002	3.124	0.004	0.343	0.312	0.02	0.312	STD312-2500-312-J15
	-0.002	3.25	0.005	0.413	0.375	0.03	0.5	STD375-2500-375-J15
	-0.002	3.374	0.006	0.481	0.437	0.03	0.5	STD437-2500-437-J15
	-0.003	3.5	0.007	0.55	0.5	0.03	0.625	STD500-2500-500-J15
	-0.003	3.75	0.009	0.688	0.625	0.045	0.875	STD625-2500-625-J15
	2.562	-0.002	3.062	0.003	0.275	0.25	0.02	0.312
-0.002		3.186	0.004	0.343	0.312	0.02	0.312	STD312-2562-312-J15
-0.002		3.312	0.005	0.413	0.375	0.03	0.5	STD375-2562-375-J15
2.625	-0.001	2.875	0.002	0.138	0.125	0.015	0.25	STD125-2625-125-J15
	-0.001	2.999	0.002	0.206	0.187	0.015	0.25	STD187-2625-187-J15
	-0.002	3.125	0.003	0.275	0.25	0.02	0.312	STD250-2625-250-J15
	-0.002	3.249	0.004	0.343	0.312	0.02	0.312	STD312-2625-312-J15
	-0.002	3.375	0.005	0.413	0.375	0.03	0.5	STD375-2625-375-J15
2.75	-0.001	3.124	0.002	0.206	0.187	0.015	0.25	STD187-2750-187-J15
	-0.002	3.25	0.003	0.275	0.25	0.02	0.312	STD250-2750-250-J15
	-0.002	3.374	0.004	0.343	0.312	0.02	0.312	STD312-2750-312-J15
	-0.002	3.5	0.005	0.413	0.375	0.03	0.5	STD375-2750-375-J15
	-0.002	3.624	0.006	0.481	0.437	0.03	0.5	STD437-2750-437-J15
2.812	-0.003	3.75	0.007	0.55	0.5	0.03	0.625	STD500-2750-500-J15
	-0.003	4	0.009	0.688	0.625	0.045	0.875	STD625-2750-625-J15
	-0.002	3.562	0.005	0.413	0.375	0.03	0.5	STD375-2812-375-J15
2.875	-0.001	3.249	0.002	0.206	0.187	0.015	0.25	STD187-2875-187-J15
	-0.002	3.375	0.003	0.275	0.25	0.02	0.312	STD250-2875-250-J15
	-0.002	3.499	0.004	0.343	0.312	0.02	0.312	STD312-2875-312-J15
	-0.002	3.625	0.005	0.413	0.375	0.03	0.5	STD375-2875-375-J15
2.937	-0.002	3.687	0.005	0.413	0.375	0.03	0.5	STD375-2937-375-J15
3	-0.001	3.25	0.002	0.138	0.125	0.015	0.25	STD125-3000-125-J15
	-0.001	3.374	0.002	0.206	0.187	0.015	0.25	STD187-3000-187-J15
	-0.002	3.436	0.003	0.24	0.218	0.015	0.25	STD218-3000-218-J15
	-0.002	3.5	0.003	0.275	0.25	0.02	0.312	STD250-3000-250-J15
	-0.002	3.624	0.004	0.343	0.312	0.02	0.312	STD312-3000-312-J15
	-0.002	3.75	0.005	0.413	0.375	0.03	0.5	STD375-3000-375-J15
	-0.003	4	0.007	0.55	0.5	0.03	0.625	STD500-3000-500-J15
3.125	-0.003	4.25	0.009	0.688	0.625	0.045	0.875	STD625-3000-625-J15
	-0.001	3.375	0.002	0.138	0.125	0.015	0.25	STD125-3125-125-J15
	-0.001	3.499	0.002	0.206	0.187	0.015	0.25	STD187-3125-187-J15
	-0.002	3.625	0.003	0.275	0.25	0.02	0.312	STD250-3125-250-J15
	-0.002	3.749	0.004	0.343	0.312	0.02	0.312	STD312-3125-312-J15
	-0.002	3.875	0.005	0.413	0.375	0.03	0.5	STD375-3125-375-J15
3.25	-0.002	3.999	0.006	0.481	0.437	0.03	0.5	STD437-3125-437-J15
	-0.001	3.5	0.002	0.138	0.125	0.015	0.25	STD125-3250-125-J15
	-0.001	3.624	0.002	0.206	0.187	0.015	0.25	STD187-3250-187-J15
	-0.002	3.75	0.003	0.275	0.25	0.02	0.312	STD250-3250-250-J15
	-0.002	3.874	0.004	0.343	0.312	0.02	0.312	STD312-3250-312-J15
	-0.002	4	0.005	0.413	0.375	0.03	0.5	STD375-3250-375-J15
	-0.002	4.124	0.006	0.481	0.437	0.03	0.5	STD437-3250-437-J15
	-0.003	4.25	0.007	0.55	0.5	0.03	0.625	STD500-3250-500-J15
	-0.003	4.5	0.009	0.688	0.625	0.045	0.875	STD625-3250-625-J15

3.5

### 3.5 STD profile rod seals, inch sizes d 3.375 – 5.125 in.



#### Maximum extrusion gap e

Radial depth S	e <sub>max</sub> at 60 °C (140 °F) for pressures		
	2 300 psi	3 600 psi	5 800 psi
in.	in.		
<b>0.125</b>	0.008	0.004	–
<b>0.156 to 0.187</b>	0.014	0.008	–
<b>0.218 to 0.25</b>	0.018	0.01	0.004
<b>0.281 to 0.437</b>	0.02	0.012	0.006
<b>0.5 to 0.562</b>	0.024	0.012	0.008
<b>0.625 to 0.75</b>	0.024	0.012	0.008

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#### Dimensions

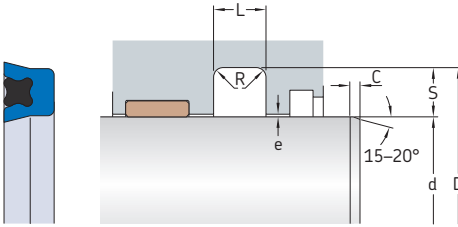
#### Designation

d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	Designation
in.								–
3.375	–0.001	3.749	0.002	0.206	0.187	0.015	0.25	STD187-3375-187-J1S
	–0.002	3.875	0.003	0.275	0.25	0.02	0.312	STD250-3375-250-J1S
	–0.002	4.125	0.005	0.413	0.375	0.03	0.5	STD375-3375-375-J1S
3.5	–0.001	3.75	0.002	0.138	0.125	0.015	0.25	STD125-3500-125-J1S
	–0.002	4	0.003	0.275	0.25	0.02	0.312	STD250-3500-250-J1S
	–0.002	4.124	0.004	0.343	0.312	0.02	0.312	STD312-3500-312-J1S
	–0.002	4.25	0.005	0.413	0.375	0.03	0.5	STD375-3500-375-J1S
	–0.003	4.5	0.007	0.55	0.5	0.03	0.625	STD500-3500-500-J1S
	–0.003	4.75	0.009	0.688	0.625	0.045	0.875	STD625-3500-625-J1S
–0.003	5	0.011	0.825	0.75	0.045	1	STD750-3500-750-J1S	
3.625	–0.001	3.999	0.002	0.206	0.187	0.015	0.25	STD187-3625-187-J1S
	–0.002	4.125	0.003	0.275	0.25	0.02	0.312	STD250-3625-250-J1S
	–0.002	4.249	0.004	0.343	0.312	0.02	0.312	STD312-3625-312-J1S
	–0.002	4.375	0.005	0.413	0.375	0.03	0.5	STD375-3625-375-J1S
3.75	–0.001	4	0.002	0.138	0.125	0.015	0.25	STD125-3750-125-J1S
	–0.001	4.124	0.002	0.206	0.187	0.015	0.25	STD187-3750-187-J1S
	–0.002	4.25	0.003	0.275	0.25	0.02	0.312	STD250-3750-250-J1S
	–0.002	4.374	0.004	0.343	0.312	0.02	0.312	STD312-3750-312-J1S
	–0.002	4.5	0.005	0.413	0.375	0.03	0.5	STD375-3750-375-J1S
	–0.003	4.75	0.007	0.55	0.5	0.03	0.625	STD500-3750-500-J1S
–0.003	5	0.009	0.688	0.625	0.045	0.875	STD625-3750-625-J1S	
3.875	–0.001	4.249	0.002	0.206	0.187	0.015	0.25	STD187-3875-187-J1S
	–0.002	4.375	0.003	0.275	0.25	0.02	0.312	STD250-3875-250-J1S
	–0.002	4.499	0.004	0.343	0.312	0.02	0.312	STD312-3875-312-J1S
	–0.002	4.625	0.005	0.413	0.375	0.03	0.5	STD375-3875-375-J1S
4	–0.001	4.25	0.002	0.138	0.125	0.015	0.25	STD125-4000-125-J1S
	–0.001	4.374	0.002	0.206	0.187	0.015	0.25	STD187-4000-187-J1S
	–0.002	4.5	0.003	0.275	0.25	0.02	0.312	STD250-4000-250-J1S
	–0.002	4.624	0.004	0.343	0.312	0.02	0.312	STD312-4000-312-J1S
	–0.002	4.75	0.005	0.413	0.375	0.03	0.5	STD375-4000-375-J1S
	–0.002	4.874	0.006	0.481	0.437	0.03	0.5	STD437-4000-437-J1S
	–0.003	5	0.007	0.55	0.5	0.03	0.625	STD500-4000-500-J1S
	–0.003	5.25	0.009	0.688	0.625	0.045	0.875	STD625-4000-625-J1S

Dimensions				Designation					
d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.		
in.								-	
4.125	-0.001	4.499	0.002	0.206	0.187	0.015	0.25	STD187-4125-187-J15	
	-0.002	4.625	0.003	0.275	0.25	0.02	0.312	STD250-4125-250-J15	
	-0.002	4.749	0.004	0.343	0.312	0.02	0.312	STD312-4125-312-J15	
	-0.002	4.875	0.005	0.413	0.375	0.03	0.5	STD375-4125-375-J15	
	-0.002	4.999	0.006	0.481	0.437	0.03	0.5	STD437-4125-437-J15	
4.25	-0.001	4.5	0.002	0.138	0.125	0.015	0.25	STD125-4250-125-J15	
	-0.001	4.624	0.002	0.206	0.187	0.015	0.25	STD187-4250-187-J15	
	-0.002	4.75	0.003	0.275	0.25	0.02	0.312	STD250-4250-250-J15	
	-0.002	4.874	0.004	0.343	0.312	0.02	0.312	STD312-4250-312-J15	
	-0.002	5	0.005	0.413	0.375	0.03	0.5	STD375-4250-375-J15	
4.375	-0.001	4.625	0.002	0.138	0.125	0.015	0.25	STD125-4375-125-J15	
	-0.001	4.749	0.002	0.206	0.187	0.015	0.25	STD187-4375-187-J15	
	-0.002	4.875	0.003	0.275	0.25	0.02	0.312	STD250-4375-250-J15	
	-0.002	4.999	0.004	0.343	0.312	0.02	0.312	STD312-4375-312-J15	
	-0.002	5.125	0.005	0.413	0.375	0.03	0.5	STD375-4375-375-J15	
4.437	-0.002	4.999	0.003	0.309	0.281	0.02	0.312	STD281-4437-281-J15	
4.5	-0.001	4.75	0.002	0.138	0.125	0.015	0.25	STD125-4500-125-J15	
	-0.001	4.874	0.002	0.206	0.187	0.015	0.25	STD187-4500-187-J15	
	-0.002	5	0.003	0.275	0.25	0.02	0.312	STD250-4500-250-J15	
	-0.002	5.124	0.004	0.343	0.312	0.02	0.312	STD312-4500-312-J15	
	-0.002	5.25	0.005	0.413	0.375	0.03	0.5	STD375-4500-375-J15	
4.625	-0.002	5.374	0.006	0.481	0.437	0.03	0.5	STD437-4500-437-J15	
	-0.003	5.5	0.007	0.55	0.5	0.03	0.625	STD500-4500-500-J15	
	-0.003	5.75	0.009	0.688	0.625	0.045	0.875	STD625-4500-625-J15	
	-0.003	6	0.011	0.825	0.75	0.045	1	STD750-4500-750-J15	
	4.625	-0.001	4.999	0.002	0.206	0.187	0.015	0.25	STD187-4625-187-J15
-0.002		5.125	0.003	0.275	0.25	0.02	0.312	STD250-4625-250-J15	
-0.002		5.375	0.005	0.413	0.375	0.03	0.5	STD375-4625-375-J15	
4.75		-0.001	5	0.002	0.138	0.125	0.015	0.25	STD125-4750-125-J15
		-0.001	5.124	0.002	0.206	0.187	0.015	0.25	STD187-4750-187-J15
	-0.002	5.25	0.003	0.275	0.25	0.02	0.312	STD250-4750-250-J15	
	-0.002	5.374	0.004	0.343	0.312	0.02	0.312	STD312-4750-312-J15	
	-0.002	5.5	0.005	0.413	0.375	0.03	0.5	STD375-4750-375-J15	
4.875	-0.002	5.624	0.006	0.481	0.437	0.03	0.5	STD437-4750-437-J15	
	-0.003	5.75	0.007	0.55	0.5	0.03	0.625	STD500-4750-500-J15	
	-0.003	6	0.009	0.688	0.625	0.045	0.875	STD625-4750-625-J15	
	4.875	-0.001	5.249	0.002	0.206	0.187	0.015	0.25	STD187-4875-187-J15
		-0.002	5.375	0.003	0.275	0.25	0.02	0.312	STD250-4875-250-J15
-0.002		5.499	0.004	0.343	0.312	0.02	0.312	STD312-4875-312-J15	
-0.002		5.625	0.005	0.413	0.375	0.03	0.5	STD375-4875-375-J15	
5		-0.001	5.374	0.002	0.206	0.187	0.015	0.25	STD187-5000-187-J15
	-0.002	5.5	0.003	0.275	0.25	0.02	0.312	STD250-5000-250-J15	
	-0.002	5.562	0.003	0.309	0.281	0.02	0.312	STD281-5000-281-J15	
	-0.002	5.624	0.004	0.343	0.312	0.02	0.312	STD312-5000-312-J15	
	-0.002	5.75	0.005	0.413	0.375	0.03	0.5	STD375-5000-375-J15	
5.125	-0.003	6	0.007	0.55	0.5	0.03	0.625	STD500-5000-500-J15	
	-0.003	6.25	0.009	0.688	0.625	0.045	0.875	STD625-5000-625-J15	
	-0.003	6.5	0.011	0.825	0.75	0.045	1	STD750-5000-750-J15	
	5.125	-0.002	5.625	0.003	0.275	0.25	0.02	0.312	STD250-5125-250-J15
		-0.002	5.749	0.004	0.343	0.312	0.02	0.312	STD312-5125-312-J15
-0.002		5.875	0.005	0.413	0.375	0.03	0.5	STD375-5125-375-J15	
-0.002		5.999	0.006	0.481	0.437	0.03	0.5	STD437-5125-437-J15	

3.5

### 3.5 STD profile rod seals, inch sizes d 5.25 – 8.125 in.



#### Maximum extrusion gap e

Radial depth S	e <sub>max</sub> at 60 °C (140 °F) for pressures		
	2 300 psi	3 600 psi	5 800 psi
in.	in.		
<b>0.125</b>	0.008	0.004	–
<b>0.156 to 0.187</b>	0.014	0.008	–
<b>0.218 to 0.25</b>	0.018	0.01	0.004
<b>0.281 to 0.437</b>	0.02	0.012	0.006
<b>0.5 to 0.562</b>	0.024	0.012	0.008
<b>0.625 to 0.75</b>	0.024	0.012	0.008

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#### Dimensions

#### Designation

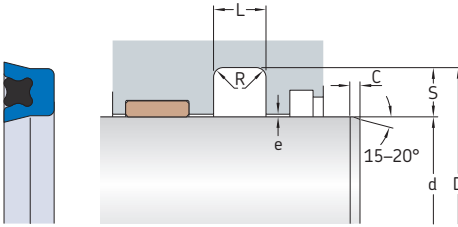
d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	Designation
in.								–
5.25	-0.002	5.75	0.003	0.275	0.25	0.02	0.312	STD250-5250-250-J15
	-0.002	5.874	0.004	0.343	0.312	0.02	0.312	STD312-5250-312-J15
	-0.002	6	0.005	0.413	0.375	0.03	0.5	STD375-5250-375-J15
	-0.002	6.124	0.006	0.481	0.437	0.03	0.5	STD437-5250-437-J15
	-0.003	6.25	0.007	0.55	0.5	0.03	0.625	STD500-5250-500-J15
	-0.003	6.5	0.009	0.688	0.625	0.045	0.875	STD625-5250-625-J15
5.375	-0.002	5.875	0.003	0.275	0.25	0.02	0.312	STD250-5375-250-J15
	-0.002	5.999	0.004	0.343	0.312	0.02	0.312	STD312-5375-312-J15
	-0.002	6.125	0.005	0.413	0.375	0.03	0.5	STD375-5375-375-J15
5.437	-0.002	5.999	0.003	0.309	0.281	0.02	0.312	STD281-5437-281-J15
	-0.003	6.437	0.007	0.55	0.5	0.03	0.625	STD500-5437-500-J15
5.5	-0.001	5.874	0.002	0.206	0.187	0.015	0.25	STD187-5500-187-J15
	-0.002	6	0.003	0.275	0.25	0.02	0.312	STD250-5500-250-J15
	-0.002	6.124	0.004	0.343	0.312	0.02	0.312	STD312-5500-312-J15
	-0.002	6.25	0.005	0.413	0.375	0.03	0.5	STD375-5500-375-J15
	-0.003	6.5	0.007	0.55	0.5	0.03	0.625	STD500-5500-500-J15
	-0.003	6.624	0.007	0.618	0.562	0.03	0.75	STD562-5500-562-J15
	-0.003	6.75	0.009	0.688	0.625	0.045	0.875	STD625-5500-625-J15
	-0.003	7	0.011	0.825	0.75	0.045	1	STD750-5500-750-J15
5.625	-0.002	6.125	0.003	0.275	0.25	0.02	0.312	STD250-5625-250-J15
	-0.002	6.249	0.004	0.343	0.312	0.02	0.312	STD312-5625-312-J15
	-0.002	6.375	0.005	0.413	0.375	0.03	0.5	STD375-5625-375-J15
5.75	-0.001	6	0.002	0.138	0.125	0.015	0.25	STD125-5750-125-J15
	-0.002	6.25	0.003	0.275	0.25	0.02	0.312	STD250-5750-250-J15
	-0.002	6.5	0.005	0.413	0.375	0.03	0.5	STD375-5750-375-J15
	-0.003	6.75	0.007	0.55	0.5	0.03	0.625	STD500-5750-500-J15
	-0.003	7	0.009	0.688	0.625	0.045	0.875	STD625-5750-625-J15
5.875	-0.002	6.375	0.003	0.275	0.25	0.02	0.312	STD250-5875-250-J15
	-0.002	6.499	0.004	0.343	0.312	0.02	0.312	STD312-5875-312-J15
	-0.002	6.625	0.005	0.413	0.375	0.03	0.5	STD375-5875-375-J15
6	-0.001	6.374	0.002	0.206	0.187	0.015	0.25	STD187-6000-187-J15
	-0.002	6.5	0.003	0.275	0.25	0.02	0.312	STD250-6000-250-J15
	-0.002	6.624	0.004	0.343	0.312	0.02	0.312	STD312-6000-312-J15
	-0.002	6.75	0.005	0.413	0.375	0.03	0.5	STD375-6000-375-J15



Dimensions				Designation				
d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	
in.								-
6	-0.003	7	0.007	0.55	0.5	0.03	0.625	STD500-6000-500-J15
	-0.003	7.25	0.009	0.688	0.625	0.045	0.875	STD625-6000-625-J15
	-0.003	7.5	0.011	0.825	0.75	0.045	1	STD750-6000-750-J15
6.125	-0.002	6.749	0.004	0.343	0.312	0.02	0.312	STD312-6125-312-J15
	-0.003	7.125	0.007	0.55	0.5	0.03	0.625	STD500-6125-500-J15
6.25	-0.002	6.75	0.003	0.275	0.25	0.02	0.312	STD250-6250-250-J15
	-0.002	6.874	0.004	0.343	0.312	0.02	0.312	STD312-6250-312-J15
	-0.002	7	0.005	0.413	0.375	0.03	0.5	STD375-6250-375-J15
	-0.003	7.25	0.007	0.55	0.5	0.03	0.625	STD500-6250-500-J15
	-0.003	7.5	0.009	0.688	0.625	0.045	0.875	STD625-6250-625-J15
6.375	-0.002	6.999	0.004	0.343	0.312	0.02	0.312	STD312-6375-312-J15
	-0.002	7.125	0.005	0.413	0.375	0.03	0.5	STD375-6375-375-J15
6.5	-0.002	7	0.003	0.275	0.25	0.02	0.312	STD250-6500-250-J15
	-0.002	7.124	0.004	0.343	0.312	0.02	0.312	STD312-6500-312-J15
	-0.002	7.25	0.005	0.413	0.375	0.03	0.5	STD375-6500-375-J15
	-0.003	7.5	0.007	0.55	0.5	0.03	0.625	STD500-6500-500-J15
	-0.003	8	0.011	0.825	0.75	0.045	1	STD750-6500-750-J15
6.625	-0.002	7.249	0.004	0.343	0.312	0.02	0.312	STD312-6625-312-J15
6.75	-0.002	7.25	0.003	0.275	0.25	0.02	0.312	STD250-6750-250-J15
	-0.002	7.374	0.004	0.343	0.312	0.02	0.312	STD312-6750-312-J15
	-0.002	7.5	0.005	0.413	0.375	0.03	0.5	STD375-6750-375-J15
	-0.003	7.75	0.007	0.55	0.5	0.03	0.625	STD500-6750-500-J15
	-0.003	8	0.009	0.688	0.625	0.045	0.875	STD625-6750-625-J15
7	-0.002	7.5	0.003	0.275	0.25	0.02	0.312	STD250-7000-250-J15
	-0.002	7.75	0.005	0.413	0.375	0.03	0.5	STD375-7000-375-J15
	-0.003	8	0.007	0.55	0.5	0.03	0.625	STD500-7000-500-J15
	-0.003	8.25	0.009	0.688	0.625	0.045	0.875	STD625-7000-625-J15
	-0.003	8.5	0.011	0.825	0.75	0.045	1	STD750-7000-750-J15
7.125	-0.003	8.125	0.007	0.55	0.5	0.03	0.625	STD500-7125-500-J15
7.25	-0.002	7.75	0.003	0.275	0.25	0.02	0.312	STD250-7250-250-J15
	-0.002	7.874	0.004	0.343	0.312	0.02	0.312	STD312-7250-312-J15
	-0.002	8	0.005	0.413	0.375	0.03	0.5	STD375-7250-375-J15
	-0.003	8.25	0.007	0.55	0.5	0.03	0.625	STD500-7250-500-J15
	-0.003	8.5	0.009	0.688	0.625	0.045	0.875	STD625-7250-625-J15
7.375	-0.002	7.999	0.004	0.343	0.312	0.02	0.312	STD312-7375-312-J15
7.5	-0.002	8	0.003	0.275	0.25	0.02	0.312	STD250-7500-250-J15
	-0.002	8.124	0.004	0.343	0.312	0.02	0.312	STD312-7500-312-J15
	-0.002	8.25	0.005	0.413	0.375	0.03	0.5	STD375-7500-375-J15
	-0.003	8.5	0.007	0.55	0.5	0.03	0.625	STD500-7500-500-J15
	-0.003	9	0.011	0.825	0.75	0.045	1	STD750-7500-750-J15
7.625	-0.002	8.375	0.005	0.413	0.375	0.03	0.5	STD375-7625-375-J15
7.75	-0.002	8.25	0.003	0.275	0.25	0.02	0.312	STD250-7750-250-J15
	-0.002	8.5	0.005	0.413	0.375	0.03	0.5	STD375-7750-375-J15
	-0.003	8.75	0.007	0.55	0.5	0.03	0.625	STD500-7750-500-J15
	-0.003	9	0.009	0.688	0.625	0.045	0.875	STD625-7750-625-J15
8	-0.002	8.5	0.003	0.275	0.25	0.02	0.312	STD250-8000-250-J15
	-0.002	8.75	0.005	0.413	0.375	0.03	0.5	STD375-8000-375-J15
	-0.003	9	0.007	0.55	0.5	0.03	0.625	STD500-8000-500-J15
	-0.003	9.25	0.009	0.688	0.625	0.045	0.875	STD625-8000-625-J15
	-0.003	9.5	0.011	0.825	0.75	0.045	1	STD750-8000-750-J15
8.125	-0.002	8.625	0.003	0.275	0.25	0.02	0.312	STD250-8125-250-J15

3.5

### 3.5 STD profile rod seals, inch sizes d 8.25 – 13.75 in.



#### Maximum extrusion gap e

Radial depth S	e <sub>max</sub> at 60 °C (140 °F) for pressures		
	2 300 psi	3 600 psi	5 800 psi
in.	in.		
<b>0.125</b>	0.008	0.004	–
<b>0.156 to 0.187</b>	0.014	0.008	–
<b>0.218 to 0.25</b>	0.018	0.01	0.004
<b>0.281 to 0.437</b>	0.02	0.012	0.006
<b>0.5 to 0.562</b>	0.024	0.012	0.008
<b>0.625 to 0.75</b>	0.024	0.012	0.008

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#### Dimensions

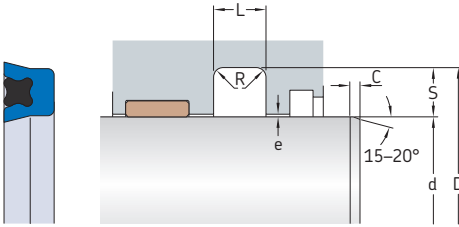
#### Designation

d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	Designation
in.								–
8.25	-0.002	8.75	0.003	0.275	0.25	0.02	0.312	STD250-8250-250-J1S
	-0.002	9	0.005	0.413	0.375	0.03	0.5	STD375-8250-375-J1S
	-0.003	9.25	0.007	0.55	0.5	0.03	0.625	STD500-8250-500-J1S
8.5	-0.002	9	0.003	0.275	0.25	0.02	0.312	STD250-8500-250-J1S
	-0.002	9.25	0.005	0.413	0.375	0.03	0.5	STD375-8500-375-J1S
	-0.003	9.5	0.007	0.55	0.5	0.03	0.625	STD500-8500-500-J1S
	-0.003	9.75	0.009	0.688	0.625	0.045	0.875	STD625-8500-625-J1S
	-0.003	10	0.011	0.825	0.75	0.045	1	STD750-8500-750-J1S
8.625	-0.002	9.375	0.005	0.413	0.375	0.03	0.5	STD375-8625-375-J1S
8.75	-0.002	9.25	0.003	0.275	0.25	0.02	0.312	STD250-8750-250-J1S
	-0.002	9.5	0.005	0.413	0.375	0.03	0.5	STD375-8750-375-J1S
	-0.003	9.75	0.007	0.55	0.5	0.03	0.625	STD500-8750-500-J1S
	-0.003	10	0.009	0.688	0.625	0.045	0.875	STD625-8750-625-J1S
8.875	-0.002	9.499	0.004	0.343	0.312	0.02	0.312	STD312-8875-312-J1S
9	-0.002	9.5	0.003	0.275	0.25	0.02	0.312	STD250-9000-250-J1S
	-0.002	9.75	0.005	0.413	0.375	0.03	0.5	STD375-9000-375-J1S
	-0.003	10	0.007	0.55	0.5	0.03	0.625	STD500-9000-500-J1S
	-0.003	10.25	0.009	0.688	0.625	0.045	0.875	STD625-9000-625-J1S
	-0.003	10.5	0.011	0.825	0.75	0.045	1	STD750-9000-750-J1S
9.25	-0.002	9.75	0.003	0.275	0.25	0.02	0.312	STD250-9250-250-J1S
	-0.003	10.5	0.009	0.688	0.625	0.045	0.875	STD625-9250-625-J1S
9.312	-0.002	9.998	0.004	0.377	0.343	0.02	0.312	STD343-9312-343-J1S
9.5	-0.002	10	0.003	0.275	0.25	0.02	0.312	STD250-9500-250-J1S
	-0.002	10.25	0.005	0.413	0.375	0.03	0.5	STD375-9500-375-J1S
	-0.003	10.5	0.007	0.55	0.5	0.03	0.625	STD500-9500-500-J1S
	-0.003	10.75	0.009	0.688	0.625	0.045	0.875	STD625-9500-625-J1S
	-0.003	11	0.011	0.825	0.75	0.045	1	STD750-9500-750-J1S
9.75	-0.002	10.25	0.003	0.275	0.25	0.02	0.312	STD250-9750-250-J1S
	-0.002	10.5	0.005	0.413	0.375	0.03	0.5	STD375-9750-375-J1S
	-0.003	10.75	0.007	0.55	0.5	0.03	0.625	STD500-9750-500-J1S
	-0.003	11	0.009	0.688	0.625	0.045	0.875	STD625-9750-625-J1S

Dimensions				Designation				
d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	
in.								-
9.875	-0.002	10.625	0.005	0.413	0.375	0.03	0.5	STD375-9875-375-J1S
10	-0.002	10.5	0.003	0.275	0.25	0.02	0.312	STD250-10000-250-J1S
	-0.002	10.75	0.005	0.413	0.375	0.03	0.5	STD375-10000-375-J1S
	-0.003	11	0.007	0.55	0.5	0.03	0.625	STD500-10000-500-J1S
	-0.003	11.25	0.009	0.688	0.625	0.045	0.875	STD625-10000-625-J1S
	-0.003	11.5	0.011	0.825	0.75	0.045	1	STD750-10000-750-J1S
10.25	-0.002	10.75	0.003	0.275	0.25	0.02	0.312	STD250-10250-250-J1S
	-0.002	11	0.005	0.413	0.375	0.03	0.5	STD375-10250-375-J1S
	-0.003	11.5	0.009	0.688	0.625	0.045	0.875	STD625-10250-625-J1S
10.5	-0.002	11	0.003	0.275	0.25	0.02	0.312	STD250-10500-250-J1S
	-0.002	11.25	0.005	0.413	0.375	0.03	0.5	STD375-10500-375-J1S
	-0.003	11.5	0.007	0.55	0.5	0.03	0.625	STD500-10500-500-J1S
	-0.003	12	0.011	0.825	0.75	0.045	1	STD750-10500-750-J1S
10.75	-0.002	11.25	0.003	0.275	0.25	0.02	0.312	STD250-10750-250-J1S
	-0.002	11.5	0.005	0.413	0.375	0.03	0.5	STD375-10750-375-J1S
	-0.003	11.75	0.007	0.55	0.5	0.03	0.625	STD500-10750-500-J1S
	-0.003	12	0.009	0.688	0.625	0.045	0.875	STD625-10750-625-J1S
11	-0.002	11.75	0.005	0.413	0.375	0.03	0.5	STD375-11000-375-J1S
	-0.003	12	0.007	0.55	0.5	0.03	0.625	STD500-11000-500-J1S
	-0.003	12.25	0.009	0.688	0.625	0.045	0.875	STD625-11000-625-J1S
	-0.003	12.5	0.011	0.825	0.75	0.045	1	STD750-11000-750-J1S
11.25	-0.002	11.75	0.003	0.275	0.25	0.02	0.312	STD250-11250-250-J1S
	-0.002	12	0.005	0.413	0.375	0.03	0.5	STD375-11250-375-J1S
	-0.003	12.25	0.007	0.55	0.5	0.03	0.625	STD500-11250-500-J1S
11.5	-0.002	12	0.003	0.275	0.25	0.02	0.312	STD250-11500-250-J1S
	-0.003	12.5	0.007	0.55	0.5	0.03	0.625	STD500-11500-500-J1S
11.75	-0.002	12.25	0.003	0.275	0.25	0.02	0.312	STD250-11750-250-J1S
	-0.002	12.5	0.005	0.413	0.375	0.03	0.5	STD375-11750-375-J1S
	-0.003	13	0.009	0.688	0.625	0.045	0.875	STD625-11750-625-J1S
12	-0.002	12.5	0.003	0.275	0.25	0.02	0.312	STD250-12000-250-J1S
	-0.002	12.75	0.005	0.413	0.375	0.03	0.5	STD375-12000-375-J1S
	-0.003	13	0.007	0.55	0.5	0.03	0.625	STD500-12000-500-J1S
	-0.003	13.25	0.009	0.688	0.625	0.045	0.875	STD625-12000-625-J1S
12.25	-0.002	13	0.005	0.413	0.375	0.03	0.5	STD375-12250-375-J1S
12.5	-0.002	13	0.003	0.275	0.25	0.02	0.312	STD250-12500-250-J1S
	-0.003	13.5	0.007	0.55	0.5	0.03	0.625	STD500-12500-500-J1S
	-0.003	14	0.011	0.825	0.75	0.045	1	STD750-12500-750-J1S
12.75	-0.002	13.5	0.005	0.413	0.375	0.03	0.5	STD375-12750-375-J1S
	-0.003	14	0.009	0.688	0.625	0.045	0.875	STD625-12750-625-J1S
13	-0.002	13.75	0.005	0.413	0.375	0.03	0.5	STD375-13000-375-J1S
	-0.003	14	0.007	0.55	0.5	0.03	0.625	STD500-13000-500-J1S
	-0.003	14.25	0.009	0.688	0.625	0.045	0.875	STD625-13000-625-J1S
	-0.003	14.5	0.011	0.825	0.75	0.045	1	STD750-13000-750-J1S
13.25	-0.002	14	0.005	0.413	0.375	0.03	0.5	STD375-13250-375-J1S
	-0.003	14.25	0.007	0.55	0.5	0.03	0.625	STD500-13250-500-J1S
13.375	-0.002	14.125	0.005	0.413	0.375	0.03	0.5	STD375-13375-375-J1S
13.5	-0.002	14	0.003	0.275	0.25	0.02	0.312	STD250-13500-250-J1S
	-0.003	14.5	0.007	0.55	0.5	0.03	0.625	STD500-13500-500-J1S
	-0.003	15	0.011	0.825	0.75	0.045	1	STD750-13500-750-J1S
13.75	-0.002	14.5	0.005	0.413	0.375	0.03	0.5	STD375-13750-375-J1S

3.5

### 3.5 STD profile rod seals, inch sizes d 14 – 45 in.



#### Maximum extrusion gap e

Radial depth S	e <sub>max</sub> at 60 °C (140 °F) for pressures		
	2 300 psi	3 600 psi	5 800 psi
in.	in.		
<b>0.125</b>	0.008	0.004	–
<b>0.156 to 0.187</b>	0.014	0.008	–
<b>0.218 to 0.25</b>	0.018	0.01	0.004
<b>0.281 to 0.437</b>	0.02	0.012	0.006
<b>0.5 to 0.562</b>	0.024	0.012	0.008
<b>0.625 to 0.75</b>	0.024	0.012	0.008

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#### Dimensions

#### Designation

d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	Designation
in.								–
14	–0.002	14.75	0.005	0.413	0.375	0.03	0.5	STD375-14000-375-J1S
	–0.003	15	0.007	0.55	0.5	0.03	0.625	STD500-14000-500-J1S
	–0.003	15.5	0.011	0.825	0.75	0.045	1	STD750-14000-750-J1S
14.25	–0.002	14.75	0.003	0.275	0.25	0.02	0.312	STD250-14250-250-J1S
14.375	–0.002	14.999	0.004	0.343	0.312	0.02	0.312	STD312-14375-312-J1S
14.5	–0.003	16	0.011	0.825	0.75	0.045	1	STD750-14500-750-J1S
15	–0.002	15.75	0.005	0.413	0.375	0.03	0.5	STD375-15000-375-J1S
	–0.003	16	0.007	0.55	0.5	0.03	0.625	STD500-15000-500-J1S
15.5	–0.002	16.25	0.005	0.413	0.375	0.03	0.5	STD375-15500-375-J1S
	–0.003	16.5	0.007	0.55	0.5	0.03	0.625	STD500-15500-500-J1S
16	–0.003	17	0.007	0.55	0.5	0.03	0.625	STD500-16000-500-J1S
	–0.003	17.5	0.011	0.825	0.75	0.045	1	STD750-16000-750-J1S
16.5	–0.003	17.5	0.007	0.55	0.5	0.03	0.625	STD500-16500-500-J1S
	–0.003	18	0.011	0.825	0.75	0.045	1	STD750-16500-750-J1S
16.75	–0.002	17.25	0.003	0.275	0.25	0.02	0.312	STD250-16750-250-J1S
16.875	–0.002	17.625	0.005	0.413	0.375	0.03	0.5	STD375-16875-375-J1S
17	–0.003	18	0.007	0.55	0.5	0.03	0.625	STD500-17000-500-J1S
17.25	–0.002	18	0.005	0.413	0.375	0.03	0.5	STD375-17250-375-J1S
	–0.003	18.5	0.009	0.688	0.625	0.045	0.875	STD625-17250-625-J1S
18	–0.003	19	0.007	0.55	0.5	0.03	0.625	STD500-18000-500-J1S
	–0.003	19.5	0.011	0.825	0.75	0.045	1	STD750-18000-750-J1S
18.375	–0.002	18.875	0.003	0.275	0.25	0.02	0.312	STD250-18375-250-J1S
19.5	–0.002	20.25	0.005	0.413	0.375	0.03	0.5	STD375-19500-375-J1S
20	–0.003	21	0.007	0.55	0.5	0.03	0.625	STD500-20000-500-J1S
20.5	–0.003	22	0.011	0.825	0.75	0.045	1	STD750-20500-750-J1S

Dimensions								Designation
d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	
in.								-
20.75	-0.002	21.25	0.003	0.275	0.25	0.02	0.312	STD250-20750-250-J1S
21	-0.003	22	0.007	0.55	0.5	0.03	0.625	STD500-21000-500-J1S
22	-0.003	23	0.007	0.55	0.5	0.03	0.625	STD500-22000-500-J1S
23	-0.002	23.5	0.003	0.275	0.25	0.02	0.312	STD250-23000-250-J1S
23.5	-0.003	24.5	0.007	0.55	0.5	0.03	0.625	STD500-23500-500-J1S
24	-0.003	25.25	0.009	0.688	0.625	0.045	0.875	STD625-24000-625-J1S
24.75	-0.003	26	0.009	0.688	0.625	0.045	0.875	STD625-24750-625-J1S
25	-0.003	26	0.007	0.55	0.5	0.03	0.625	STD500-25000-500-J1S
26.5	-0.003	27.5	0.007	0.55	0.5	0.03	0.625	STD500-26500-500-J1S
27	-0.003	28	0.007	0.55	0.5	0.03	0.625	STD500-27000-500-J1S
27.5	-0.003	28.5	0.007	0.55	0.5	0.03	0.625	STD500-27500-500-J1S
28.5	-0.003	29.5	0.007	0.55	0.5	0.03	0.625	STD500-28500-500-J1S
31	-0.003	32	0.007	0.55	0.5	0.03	0.625	STD500-31000-500-J1S
32	-0.003	33	0.007	0.55	0.5	0.03	0.625	STD500-32000-500-J1S
34.25	-0.003	35.75	0.011	0.825	0.75	0.045	1	STD750-34250-750-J1S
35.75	-0.003	36.75	0.007	0.55	0.5	0.03	0.625	STD500-35750-500-J1S
36	-0.003 -0.003	37 37.5	0.007 0.011	0.55 0.825	0.5 0.75	0.03 0.045	0.625 1	STD500-36000-500-J1S STD750-36000-750-J1S
36.75	-0.003	37.75	0.007	0.55	0.5	0.03	0.625	STD500-36750-500-J1S
37	-0.003	38	0.007	0.55	0.5	0.03	0.625	STD500-37000-500-J1S
38	-0.003	39	0.007	0.55	0.5	0.03	0.625	STD500-38000-500-J1S
39	-0.003	40	0.007	0.55	0.5	0.03	0.625	STD500-39000-500-J1S
40	-0.003	41	0.007	0.55	0.5	0.03	0.625	STD500-40000-500-J1S
40.25	-0.003	41.25	0.007	0.55	0.5	0.03	0.625	STD500-40250-500-J1S
41	-0.003	42	0.007	0.55	0.5	0.03	0.625	STD500-41000-500-J1S
42	-0.003	43	0.007	0.55	0.5	0.03	0.625	STD500-42000-500-J1S
42.75	-0.003	43.75	0.007	0.55	0.5	0.03	0.625	STD500-42750-500-J1S
43	-0.003	44	0.007	0.55	0.5	0.03	0.625	STD500-43000-500-J1S
44.5	-0.003	45.5	0.007	0.55	0.5	0.03	0.625	STD500-44500-500-J1S
45	-0.003	46	0.007	0.55	0.5	0.03	0.625	STD500-45000-500-J1S

Other sizes are available on request