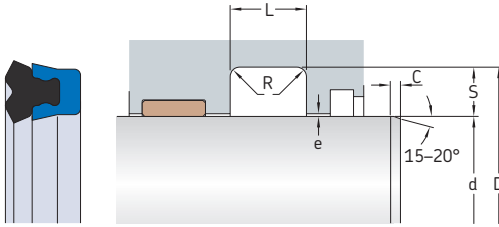


### 3.6 DZ profile rod seals, inch sizes d 0.187 – 3.25 in.



#### Maximum extrusion gap e

Radial depth	$e_{\max}$ at 60 °C (140 °F) for pressures		
	2 300 psi	3 600 psi	5 800 psi
S			
in.	in.		
<b>0.125</b>	0.008	0.004	–
<b>0.156 to 0.187</b>	0.014	0.008	–
<b>0.25</b>	0.018	0.01	0.004
<b>0.312 to 0.375</b>	0.02	0.012	0.006
<b>0.5</b>	0.024	0.012	0.008

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#### Dimensions

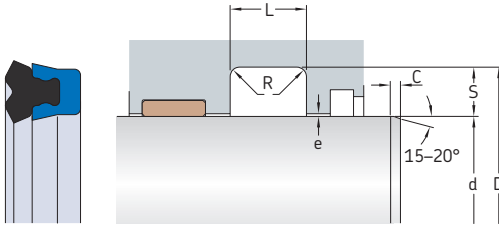
#### Designation

d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	Designation
in.								–
<b>0.187</b>	-0.001 -0.001	0.437 0.437	+0.002 +0.002	0.213 0.275	0.125 0.125	0.015 0.015	0.25 0.25	<b>DZ125-187-187-E2F</b> <b>DZ125-187-250-E2F</b>
<b>0.375</b>	-0.002	0.875	+0.003	0.413	0.25	0.02	0.312	<b>DZ250-375-375-E2F</b>
<b>0.5</b>	-0.001 -0.002	0.75 0.875	+0.002 +0.002	0.275 0.343	0.125 0.187	0.015 0.015	0.25 0.25	<b>DZ125-500-250-E2F</b> <b>DZ187-500-312-E2F</b>
<b>0.625</b>	-0.001	0.937	+0.002	0.275	0.156	0.015	0.25	<b>DZ156-625-250-E2F</b>
<b>0.75</b>	-0.001 -0.001 -0.002	1 1 1.125	+0.002 +0.002 +0.002	0.213 0.275 0.343	0.125 0.125 0.187	0.015 0.015 0.015	0.25 0.25 0.25	<b>DZ125-750-187-E2F</b> <b>DZ125-750-250-E2F</b> <b>DZ187-750-312-E2F</b>
<b>0.875</b>	-0.001	1.125	+0.002	0.275	0.125	0.015	0.25	<b>DZ125-875-250-E2F</b>
<b>1</b>	-0.001 -0.002	1.25 1.375	+0.002 +0.002	0.275 0.343	0.125 0.187	0.015 0.015	0.25 0.25	<b>DZ125-1000-250-E2F</b> <b>DZ187-1000-312-E2F</b>
<b>1.125</b>	-0.001 -0.002 -0.002	1.375 1.5 1.625	+0.002 +0.002 +0.003	0.275 0.343 0.413	0.125 0.187 0.25	0.015 0.015 0.02	0.25 0.25 0.312	<b>DZ125-1125-250-E2F</b> <b>DZ187-1125-312-E2F</b> <b>DZ250-1125-375-E2F</b>
<b>1.187</b>	-0.002	1.562	+0.002	0.343	0.187	0.015	0.25	<b>DZ187-1187-312-E2F</b>
<b>1.25</b>	-0.001 -0.002 -0.002 -0.002 -0.002	1.5 1.625 1.75 1.75 2	+0.002 +0.002 +0.003 +0.003 +0.005	0.275 0.343 0.413 0.618 0.688	0.125 0.187 0.25 0.25 0.375	0.015 0.015 0.02 0.02 0.03	0.25 0.25 0.312 0.312 0.5	<b>DZ125-1250-250-E2F</b> <b>DZ187-1250-312-E2F</b> <b>DZ250-1250-375-E2F</b> <b>DZ250-1250-562-E2F</b> <b>DZ375-1250-625-E2F</b>
<b>1.375</b>	-0.001 -0.002 -0.002	1.625 1.75 1.875	+0.002 +0.002 +0.003	0.343 0.343 0.413	0.125 0.187 0.25	0.015 0.015 0.02	0.25 0.25 0.312	<b>DZ125-1375-312-E2F</b> <b>DZ187-1375-312-E2F</b> <b>DZ250-1375-375-E2F</b>

Dimensions							Designation	
d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	
in.								-
1.5	-0.001	1.75	+0.002	0.275	0.125	0.015	0.25	DZ125-1500-250-E2F
	-0.001	1.812	+0.002	0.343	0.156	0.015	0.25	DZ156-1500-312-E2F
	-0.002	1.875	+0.002	0.343	0.187	0.015	0.25	DZ187-1500-312-E2F
	-0.002	1.875	+0.002	0.413	0.187	0.015	0.25	DZ187-1500-375-E2F
	-0.002	2	+0.003	0.413	0.25	0.02	0.312	DZ250-1500-375-E2F
	-0.002	2	+0.003	0.618	0.25	0.02	0.312	DZ250-1500-562-E2F
1.625	-0.002	2	+0.002	0.343	0.187	0.015	0.25	DZ187-1625-312-E2F
	-0.002	2	+0.002	0.413	0.187	0.015	0.25	DZ187-1625-375-E2F
	-0.002	2.125	+0.003	0.413	0.25	0.02	0.312	DZ250-1625-375-E2F
1.75	-0.001	2	+0.002	0.275	0.125	0.015	0.25	DZ125-1750-250-E2F
	-0.002	2.125	+0.002	0.343	0.187	0.015	0.25	DZ187-1750-312-E2F
	-0.002	2.125	+0.002	0.413	0.187	0.015	0.25	DZ187-1750-375-E2F
	-0.002	2.25	+0.003	0.413	0.25	0.02	0.312	DZ250-1750-375-E2F
	-0.002	2.5	+0.005	0.413	0.375	0.03	0.5	DZ375-1750-375-E2F
	-0.002	2.5	+0.005	0.825	0.375	0.03	0.5	DZ375-1750-750-E2F
1.875	-0.002	2.25	+0.002	0.343	0.187	0.015	0.25	DZ187-1875-312-E2F
2	-0.002	2.375	+0.002	0.343	0.187	0.015	0.25	DZ187-2000-312-E2F
	-0.002	2.375	+0.002	0.413	0.187	0.015	0.25	DZ187-2000-375-E2F
	-0.002	2.5	+0.003	0.413	0.25	0.02	0.312	DZ250-2000-375-E2F
	-0.002	2.5	+0.003	0.618	0.25	0.02	0.312	DZ250-2000-562-E2F
2.25	-0.002	2.625	+0.002	0.343	0.187	0.015	0.25	DZ187-2250-312-E2F
	-0.002	2.625	+0.002	0.413	0.187	0.015	0.25	DZ187-2250-375-E2F
	-0.002	2.75	+0.003	0.413	0.25	0.02	0.312	DZ250-2250-375-E2F
2.375	-0.002	2.75	+0.002	0.343	0.187	0.015	0.25	DZ187-2375-312-E2F
	-0.002	2.875	+0.003	0.413	0.25	0.02	0.312	DZ250-2375-375-E2F
2.5	-0.002	2.875	+0.002	0.343	0.187	0.015	0.25	DZ187-2500-312-E2F
	-0.002	2.875	+0.002	0.413	0.187	0.015	0.25	DZ187-2500-375-E2F
	-0.002	3	+0.003	0.413	0.25	0.02	0.312	DZ250-2500-375-E2F
	-0.002	3.125	+0.004	0.55	0.312	0.02	0.312	DZ312-2500-500-E2F
	-0.002	3.25	+0.005	0.688	0.375	0.03	0.5	DZ375-2500-625-E2F
2.625	-0.002	3.125	+0.003	0.413	0.25	0.02	0.312	DZ250-2625-375-E2F
2.75	-0.002	3.125	+0.002	0.343	0.187	0.015	0.25	DZ187-2750-312-E2F
	-0.002	3.25	+0.003	0.413	0.25	0.02	0.312	DZ250-2750-375-E2F
	-0.002	3.5	+0.005	0.688	0.375	0.03	0.5	DZ375-2750-625-E2F
2.875	-0.002	3.375	+0.003	0.413	0.25	0.02	0.312	DZ250-2875-375-E2F
3	-0.002	3.375	+0.002	0.343	0.187	0.015	0.25	DZ187-3000-312-E2F
	-0.002	3.375	+0.002	0.413	0.187	0.015	0.25	DZ187-3000-375-E2F
	-0.002	3.5	+0.003	0.413	0.25	0.02	0.312	DZ250-3000-375-E2F
	-0.002	3.5	+0.003	0.618	0.25	0.02	0.312	DZ250-3000-562-E2F
	-0.002	3.625	+0.004	0.55	0.312	0.02	0.312	DZ312-3000-500-E2F
	-0.002	3.75	+0.005	0.688	0.375	0.03	0.5	DZ375-3000-625-E2F
3.125	-0.002	3.75	+0.005	0.965	0.375	0.03	0.5	DZ375-3000-875-E2F
3.125	-0.002	3.625	+0.003	0.413	0.25	0.02	0.312	DZ250-3125-375-E2F
3.187	-0.002	3.562	+0.002	0.413	0.187	0.015	0.25	DZ187-3187-375-E2F
3.25	-0.002	3.625	+0.002	0.343	0.187	0.015	0.25	DZ187-3250-312-E2F
	-0.002	3.75	+0.003	0.413	0.25	0.02	0.312	DZ250-3250-375-E2F
	-0.002	3.875	+0.004	0.55	0.312	0.02	0.312	DZ312-3250-500-E2F
	-0.002	4	+0.005	0.688	0.375	0.03	0.5	DZ375-3250-625-E2F

3.6

### 3.6 DZ profile rod seals, inch sizes d 3.375 – 12 in.



#### Maximum extrusion gap e

Radial depth	e <sub>max</sub> at 60 °C (140 °F) for pressures		
	2 300 psi	3 600 psi	5 800 psi
S			
in.	in.		
<b>0.125</b>	0.008	0.004	–
<b>0.156 to 0.187</b>	0.014	0.008	–
<b>0.25</b>	0.018	0.01	0.004
<b>0.312 to 0.375</b>	0.02	0.012	0.006
<b>0.5</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>3.375</b>	-0.002 -0.002	3.875 4	+0.003 +0.004	0.413 0.55	0.25 0.312	0.02 0.02	0.312 0.312	<b>DZ250-3375-375-E2F</b> <b>DZ312-3375-500-E2F</b>
<b>3.5</b>	-0.002 -0.002 -0.002 -0.003	4 4.125 4.25 4.5	+0.003 +0.004 +0.005 +0.007	0.413 0.55 0.688 0.825	0.25 0.312 0.375 0.5	0.02 0.02 0.03 0.03	0.312 0.312 0.5 0.625	<b>DZ250-3500-375-E2F</b> <b>DZ312-3500-500-E2F</b> <b>DZ375-3500-625-E2F</b> <b>DZ500-3500-750-E2F</b>
<b>3.625</b>	-0.002 -0.002	4.375 4.375	+0.005 +0.005	0.688 0.965	0.375 0.375	0.03 0.03	0.5 0.5	<b>DZ375-3625-625-E2F</b> <b>DZ375-3625-875-E2F</b>
<b>3.75</b>	-0.002 -0.002 -0.002 -0.002 -0.002	4.25 4.25 4.375 4.375 4.5	+0.003 +0.003 +0.004 +0.004 +0.005	0.413 0.618 0.413 0.55 0.688	0.25 0.25 0.312 0.312 0.375	0.02 0.02 0.02 0.02 0.03	0.312 0.312 0.312 0.312 0.5	<b>DZ250-3750-375-E2F</b> <b>DZ250-3750-562-E2F</b> <b>DZ312-3750-375-E2F</b> <b>DZ312-3750-500-E2F</b> <b>DZ375-3750-625-E2F</b>
<b>3.875</b>	-0.002	4.375	+0.003	0.413	0.25	0.02	0.312	<b>DZ250-3875-375-E2F</b>
<b>4</b>	-0.002 -0.002 -0.002 -0.002 -0.002 -0.003	4.375 4.5 4.5 4.75 4.75 5	+0.002 +0.003 +0.003 +0.005 +0.005 +0.007	0.413 0.413 0.618 0.688 0.825 0.825	0.187 0.25 0.25 0.375 0.375 0.5	0.015 0.02 0.02 0.03 0.03 0.03	0.25 0.312 0.312 0.5 0.5 0.625	<b>DZ187-4000-375-E2F</b> <b>DZ250-4000-375-E2F</b> <b>DZ250-4000-562-E2F</b> <b>DZ375-4000-625-E2F</b> <b>DZ375-4000-750-E2F</b> <b>DZ500-4000-750-E2F</b>
<b>4.25</b>	-0.002 -0.002 -0.002	4.75 4.875 5	+0.003 +0.004 +0.005	0.413 0.618 0.688	0.25 0.312 0.375	0.02 0.02 0.03	0.312 0.312 0.5	<b>DZ250-4250-375-E2F</b> <b>DZ312-4250-562-E2F</b> <b>DZ375-4250-625-E2F</b>
<b>4.5</b>	-0.002 -0.002 -0.002 -0.002	5 5 5.25 5.25	+0.003 +0.003 +0.005 +0.005	0.413 0.618 0.688 0.825	0.25 0.25 0.375 0.375	0.02 0.02 0.03 0.03	0.312 0.312 0.5 0.5	<b>DZ250-4500-375-E2F</b> <b>DZ250-4500-562-E2F</b> <b>DZ375-4500-625-E2F</b> <b>DZ375-4500-750-E2F</b>
<b>4.625</b>	-0.002	5.125	+0.003	0.618	0.25	0.02	0.312	<b>DZ250-4625-562-E2F</b>
<b>4.75</b>	-0.002 -0.002 -0.002	5.125 5.25 5.5	+0.002 +0.003 +0.005	0.413 0.618 0.688	0.187 0.25 0.375	0.015 0.02 0.03	0.25 0.312 0.5	<b>DZ187-4750-375-E2F</b> <b>DZ250-4750-562-E2F</b> <b>DZ375-4750-625-E2F</b>

Dimensions								Designation
d	Tolerance	D	Tolerance	L +0.01	S	R max.	C min.	
in.								-
5	-0.002	5.5	+0.003	0.413	0.25	0.02	0.312	DZ250-5000-375-E2F
	-0.002	5.5	+0.003	0.618	0.25	0.02	0.312	DZ250-5000-562-E2F
	-0.002	5.75	+0.005	0.688	0.375	0.03	0.5	DZ375-5000-625-E2F
5.25	-0.002	5.75	+0.003	0.618	0.25	0.02	0.312	DZ250-5250-562-E2F
5.375	-0.002	5.875	+0.003	0.413	0.25	0.02	0.312	DZ250-5375-375-E2F
5.5	-0.002	5.875	+0.002	0.413	0.187	0.015	0.25	DZ187-5500-375-E2F
	-0.002	6	+0.003	0.618	0.25	0.02	0.312	DZ250-5500-562-E2F
	-0.002	6.25	+0.005	0.688	0.375	0.03	0.5	DZ375-5500-625-E2F
5.75	-0.002	6.25	+0.003	0.413	0.25	0.02	0.312	DZ250-5750-375-E2F
	-0.002	6.5	+0.005	0.688	0.375	0.03	0.5	DZ375-5750-625-E2F
6	-0.002	6.5	+0.003	0.413	0.25	0.02	0.312	DZ250-6000-375-E2F
	-0.002	6.5	+0.003	0.618	0.25	0.02	0.312	DZ250-6000-562-E2F
	-0.002	6.75	+0.005	0.688	0.375	0.03	0.5	DZ375-6000-625-E2F
	-0.003	7	+0.007	0.825	0.5	0.03	0.625	DZ500-6000-750-E2F
6.375	-0.002	6.875	+0.003	0.55	0.25	0.02	0.312	DZ250-6375-500-E2F
6.5	-0.002	7	+0.003	0.413	0.25	0.02	0.312	DZ250-6500-375-E2F
	-0.002	7	+0.003	0.618	0.25	0.02	0.312	DZ250-6500-562-E2F
	-0.002	7.25	+0.005	0.688	0.375	0.03	0.5	DZ375-6500-625-E2F
6.75	-0.002	7.25	+0.003	0.618	0.25	0.02	0.312	DZ250-6750-562-E2F
7	-0.002	7.5	+0.003	0.413	0.25	0.02	0.312	DZ250-7000-375-E2F
	-0.002	7.75	+0.005	0.688	0.375	0.03	0.5	DZ375-7000-625-E2F
	-0.003	8	+0.007	0.825	0.5	0.03	0.625	DZ500-7000-750-E2F
7.25	-0.002	7.75	+0.003	0.55	0.25	0.02	0.312	DZ250-7250-500-E2F
7.5	-0.002	8.25	+0.005	0.688	0.375	0.03	0.5	DZ375-7500-625-E2F
7.75	-0.002	8.5	+0.005	0.55	0.375	0.03	0.5	DZ375-7750-500-E2F
8	-0.002	8.75	+0.005	0.688	0.375	0.03	0.5	DZ375-8000-625-E2F
	-0.003	9	+0.007	0.825	0.5	0.03	0.625	DZ500-8000-750-E2F
8.125	-0.002	8.625	+0.003	0.413	0.25	0.02	0.312	DZ250-8125-375-E2F
	-0.002	8.625	+0.003	0.55	0.25	0.02	0.312	DZ250-8125-500-E2F
	-0.002	8.625	+0.003	0.618	0.25	0.02	0.312	DZ250-8125-562-E2F
8.25	-0.002	9	+0.005	0.688	0.375	0.03	0.5	DZ375-8250-625-E2F
8.5	-0.003	9.5	+0.007	0.825	0.5	0.03	0.625	DZ500-8500-750-E2F
8.875	-0.002	9.5	+0.004	0.55	0.312	0.02	0.312	DZ312-8875-500-E2F
9	-0.002	9.75	+0.005	0.688	0.375	0.03	0.5	DZ375-9000-625-E2F
	-0.003	10	+0.007	0.825	0.5	0.03	0.625	DZ500-9000-750-E2F
9.25	-0.002	10	+0.005	0.618	0.375	0.03	0.5	DZ375-9250-562-E2F
10.5	-0.002	11.25	+0.005	0.688	0.375	0.03	0.5	DZ375-10500-625-E2F
10.75	-0.002	11.5	+0.005	0.688	0.375	0.03	0.5	DZ375-10750-625-E2F
11	-0.003	12	+0.007	0.825	0.5	0.03	0.625	DZ500-11000-750-E2F
12	-0.003	13	+0.007	0.825	0.5	0.03	0.625	DZ500-12000-750-E2F

Other sizes are available on request