

## DUST SEAL

## DS088



### Features:

Wiper seal DS088 is a single acting rod wiper with metal casing for open housing.

### Composition:

SEAL COMBINATION	SEAL RING COMPOUND	METAL CASING	TEMP. RANGE	SURFACE SPEED (Max.)
DS088-01	PU11	MILD STEEL	-40 to 100°C	0.5 m/s

For compound detail please refer Royal seal compounds (section - III)

### Properties:

- Easy press fit installation in open housing
- Very good wiping action
- Wiper can be used for a broad temperature range with different materials

### Application:

- presses, fork lift & material handling equipments
- injection moulding machines
- Standard cylinders
- mining & construction machineries

### Minimum chamfer C (mm) :

DN - dN	Up to 12	12.1 to 15	15.1 to 20	20.1 to 25	25.1 to 30	30.1 and above
C	4.0	5.0	6.0	7.5	8.0	10.0

### Fitting:

Wiper seal DS088 are pressed in to open housings with locking circlip. Careful fitting is prerequisite for perfect functioning of the wiper seal.

### Ordering format:

Please mention ROYAL order code in your order.

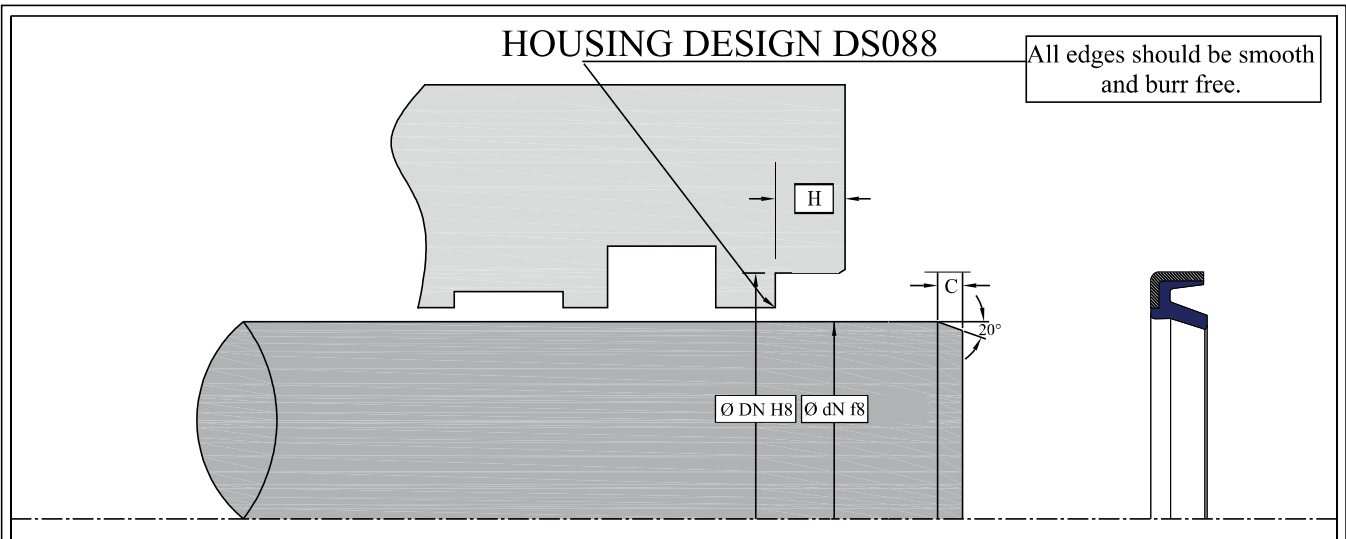
Example: for Metric Size: 25.00 X 32.00 X 7.00

Material-P.U. Order code is **DS088-M-01-025.00 X 032.00 X 07.00**

Example: for Imperial Size: 0.750 X 1.250 X 0.312

Material-P.U. Order code is **DS088-I-01-00.750 X 01.250 X 0.312**

Please contact ROYAL at [info@royalcomposites.co.in](mailto:info@royalcomposites.co.in) / [info@royalseals.co.in](mailto:info@royalseals.co.in) if your required size is not mentioned in Royal standard size list



**ROYAL STANDARD SIZE LIST**

ØdN (f8)	ØDN (H11)	H (+0.20)	ORDER CODE
25.00	32.00	7.00	DS088-M-01-025.00 X 032.00 X 07.00
25.00	35.00	4.00	DS088-M-01-025.00 X 035.00 X 04.00
25.00	35.00	5.00	DS088-M-01-025.00 X 035.00 X 05.00
32.00	42.00	4.00	DS088-M-01-032.00 X 042.00 X 04.00
35.00	45.00	4.00	DS088-M-01-035.00 X 045.00 X 04.00
40.00	50.00	5.00	DS088-M-01-040.00 X 050.00 X 05.00
40.00	50.00	7.00	DS088-M-01-040.00 X 050.00 X 07.00
40.00	55.00	9.00	DS088-M-01-040.00 X 055.00 X 09.00
45.00	55.00	4.00	DS088-M-01-045.00 X 055.00 X 04.00
45.00	55.00	5.00	DS088-M-01-045.00 X 055.00 X 05.00
45.00	55.00	6.00	DS088-M-01-045.00 X 055.00 X 06.00
45.00	56.00	5.00	DS088-M-01-045.00 X 056.00 X 05.00
45.00	60.00	7.50	DS088-M-01-045.00 X 060.00 X 07.50
50.00	60.00	4.00	DS088-M-01-050.00 X 060.00 X 04.00
50.00	60.00	5.00	DS088-M-01-050.00 X 060.00 X 05.00
50.00	60.00	7.00	DS088-M-01-050.00 X 060.00 X 07.00
55.00	65.00	4.00	DS088-M-01-055.00 X 065.00 X 04.00
55.00	65.00	5.00	DS088-M-01-055.00 X 065.00 X 05.00
56.00	68.00	7.00	DS088-M-01-056.00 X 068.00 X 07.00
60.00	70.00	4.00	DS088-M-01-060.00 X 070.00 X 04.00
60.00	70.00	5.00	DS088-M-01-060.00 X 070.00 X 05.00
60.00	73.00	6.00	DS088-M-01-060.00 X 073.00 X 06.00
60.00	75.00	8.00	DS088-M-01-060.00 X 075.00 X 08.00
65.00	80.00	8.00	DS088-M-01-065.00 X 080.00 X 08.00
70.00	80.00	7.00	DS088-M-01-070.00 X 080.00 X 07.00
70.00	83.50	6.00	DS088-M-01-070.00 X 083.50 X 06.00
70.00	85.00	8.00	DS088-M-01-070.00 X 085.00 X 08.00
70.00	90.00	10.00	DS088-M-01-070.00 X 090.00 X 10.00
75.00	90.00	8.00	DS088-M-01-075.00 X 090.00 X 08.00
80.00	90.00	4.50	DS088-M-01-080.00 X 090.00 X 04.50
80.00	90.00	7.00	DS088-M-01-080.00 X 090.00 X 07.00

**ROYAL STANDARD SIZE LIST**

ØdN (f8)	ØDN (H11)	H1+0.2	ORDER CODE
85.00	100.00	8.00	DS088-M-01-085.00 X 100.00 X 08.00
90.00	100.00	3.18	DS088-M-01-090.00 X 100.00 X 03.18
95.00	110.00	8.00	DS088-M-01-095.00 X 110.00 X 08.00
100.00	120.00	7.50	DS088-M-01-100.00 X 120.00 X 07.50
110.00	125.00	8.00	DS088-M-01-110.00 X 125.00 X 08.00
110.00	126.00	9.00	DS088-M-01-110.00 X 126.00 X 09.00
115.00	130.00	8.00	DS088-M-01-115.00 X 130.00 X 08.00
115.00	131.00	9.00	DS088-M-01-115.00 X 131.00 X 09.00
115.00	135.00	6.00	DS088-M-01-115.00 X 135.00 X 06.00
120.00	135.00	8.00	DS088-M-01-120.00 X 135.00 X 08.00
125.00	140.00	7.00	DS088-M-01-125.00 X 140.00 X 07.00
130.00	146.00	9.00	DS088-M-01-130.00 X 146.00 X 09.00
130.00	150.00	7.00	DS088-M-01-130.00 X 150.00 X 07.00
140.00	155.00	8.00	DS088-M-01-140.00 X 155.00 X 08.00
145.00	160.00	8.00	DS088-M-01-145.00 X 160.00 X 08.00
170.00	190.00	9.00	DS088-M-01-170.00 X 190.00 X 09.00
205.00	225.00	10.00	DS088-M-01-205.00 X 225.00 X 10.00

**IMPERIAL SIZES**

ØdN (f8)	ØDN (H11)	H1(+0.008")	ORDER CODE
0.750	1.250	0.312	DS088-I-01-00.750 X 01.250 X 0.312
0.875	1.375	0.312	DS088-I-01-00.875 X 01.375 X 0.312
1.125	1.625	0.375	DS088-I-01-01.125 X 01.625 X 0.375
1.250	1.750	0.312	DS088-I-01-01.250 X 01.750 X 0.312
1.375	1.875	0.315	DS088-I-01-01.375 X 01.875 X 0.315
1.500	1.875	0.250	DS088-I-01-01.500 X 01.875 X 0.250
1.500	2.000	0.312	DS088-I-01-01.500 X 02.000 X 0.312
1.625	2.125	0.250	DS088-I-01-01.625 X 02.125 X 0.250
1.750	2.250	0.312	DS088-I-01-01.750 X 02.250 X 0.312
1.750	2.625	0.250	DS088-I-01-01.750 X 02.625 X 0.250
1.875	2.562	0.410	DS088-I-01-01.875 X 02.562 X 0.410
2.000	2.500	0.312	DS088-I-01-02.000 X 02.500 X 0.312
2.000	2.500	0.315	DS088-I-01-02.000 X 02.500 X 0.315
2.250	2.750	0.132	DS088-I-01-02.250 X 02.750 X 0.132
2.500	3.000	0.312	DS088-I-01-02.500 X 03.000 X 0.312
2.500	3.000	0.375	DS088-I-01-02.500 X 03.000 X 0.375