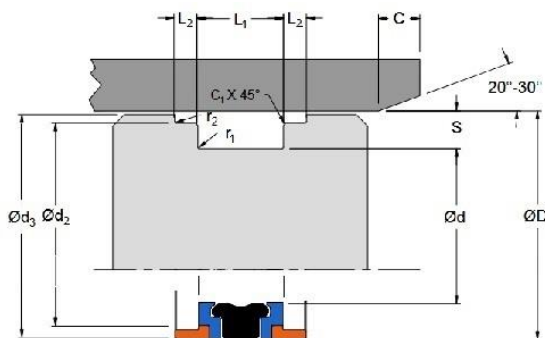


Housing Dimensions & Tolerances Metric



DAS WH

METRIC											
PART No.	ØD ₁	TOL H9	Ød ₁	TOL h9	L1 +0.20 -0	L2 +0.10 -0	Ød ₂	TOL h9	Ød ₃	TOL h11	C Min
DAS 020 11 13.5 WH	20	+0.05 0.00	11	0.00 -0.04	13.5	2.1	17.0	0.00 -0.04	19.0	0.00 -0.13	2.4
DAS 025 15 12 WH	25	+0.05 0.00	15	0.00 -0.04	12.0	4	21.0	0.00 -0.05	24.0	0.00 -0.13	2.4
DAS 025 15 12.5 WH	25	+0.05 0.00	15	0.00 -0.04	12.5	4	22.0	0.00 -0.05	24.0	0.00 -0.13	2.4
DAS 025 16 13.5 WH	25	+0.05 0.00	16	0.00 -0.04	13.5	2.1	22.0	0.00 -0.05	24.0	0.00 -0.13	2.4
DAS 030 17 15.4 WH	30	+0.05 0.00	17	0.00 -0.04	15.4	6.35	27.0	0.00 -0.05	29.0	0.00 -0.13	4.0
DAS 030 21 13.5 WH	30	+0.05 0.00	21	0.00 -0.05	13.5	2.1	27.0	0.00 -0.05	29.0	0.00 -0.13	2.4
DAS 032 22 15.5 WH	32	+0.06 0.00	22	0.00 -0.05	15.5	2.6	28.0	0.00 -0.05	31.0	0.00 -0.16	2.4
DAS 032 22 16.4 WH	32	+0.06 0.00	22	0.00 -0.05	16.4	6.35	28.5	0.00 -0.05	30.5	0.00 -0.16	2.4
DAS 032 24 15.5 WH	32	+0.06 0.00	24	0.00 -0.05	15.5	3.2	28.0	0.00 -0.05	31.4	0.00 -0.16	2.4
DAS 035 25 15.5 WH	35	+0.06 0.00	25	0.00 -0.05	15.5	2.6	31.0	0.00 -0.06	34.0	0.00 -0.16	2.4
DAS 035 25 16.4 WH	35	+0.06 0.00	25	0.00 -0.05	16.4	6.35	31.4	0.00 -0.06	33.5	0.00 -0.16	2.4
DAS 040 24 18.4 WH	40	+0.06 0.00	24	0.00 -0.05	18.4	6.35	35.4	0.00 -0.06	38.5	0.00 -0.16	5.0
DAS 040 26 15.5 WH	40	+0.06 0.00	26	0.00 -0.05	15.5	2.6	36.0	0.00 -0.06	39.0	0.00 -0.16	4.0

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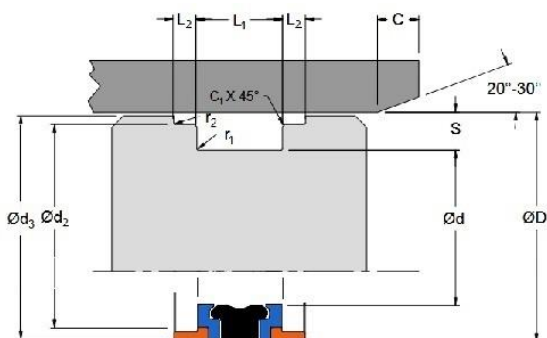
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Housing Dimensions & Tolerances Metric



DAS WH

METRIC											
PART No.	ØD ₁	TOL H9	Ød ₁	TOL h9	L1 +0.20 -0	L2 +0.10 -0	Ød ₂	TOL h9	Ød ₃	TOL h11	C Min
DAS 040 30 16.4 WH	40	+0.06 0.00	30	0.00 -0.05	16.4	6.35	35.4	0.00 -0.06	38.5	0.00 -0.16	2.4
DAS 040 30 12.5 WH	40	+0.06 0.00	30	0.00 -0.05	12.5	4	36.0	0.00 -0.06	38.0	0.00 -0.16	2.4
DAS 040 30 10 WH	40	+0.06 0.00	30	0.00 -0.05	10.0	5	36.5	0.00 -0.06	39.0	0.00 -0.16	2.4
DAS 040 30 12.5 WH	40	+0.06 0.00	30	0.00 -0.05	12.5	4	37.0	0.00 -0.06	39.0	0.00 -0.16	2.4
DAS 040 32 15.5 WH	40	+0.06 0.00	32	0.00 -0.06	15.5	3.2	36.0	0.00 -0.06	39.4	0.00 -0.16	2.4
DAS 045 29 18.4 WH	45	+0.06 0.00	29	0.00 -0.06	18.4	6.35	40.4	0.00 -0.06	43.5	0.00 -0.16	5.0
DAS 045 31 15.5 WH	45	+0.06 0.00	31	0.00 -0.06	15.5	2.6	41.0	0.00 -0.06	44.0	0.00 -0.16	4.0
DAS 045 35 16.4 WH	45	+0.06 0.00	35	0.00 -0.06	16.4	6.35	40.4	0.00 -0.06	43.5	0.00 -0.16	2.4
DAS 050 34 18.4 WH	50	+0.06 0.00	34	0.00 -0.06	18.4	6.35	45.4	0.00 -0.06	48.5	0 -0.16	5.0
DAS 050 34 20.5 WH	50	+0.06 0.00	34	0.00 -0.06	20.5	3.1	46.0	0.00 -0.06	49.0	0.00 -0.16	5.0
DAS 050 38 20.5 WH	50	+0.06 0.00	38	0.00 -0.06	20.5	4.2	46.0	0.00 -0.06	49.4	0.00 -0.16	3.5
DAS 050 40 12.5 WH	50	+0.06 0.00	40	0.00 -0.06	12.5	4.0	47.0	0.00 -0.06	49.0	0.00 -0.16	2.4
DAS 055 39 18.4 WH	55	+0.07 0.00	39	0.00 -0.06	18.4	6.35	50.36	0.00 -0.07	53.5	0.00 -0.19	5.0

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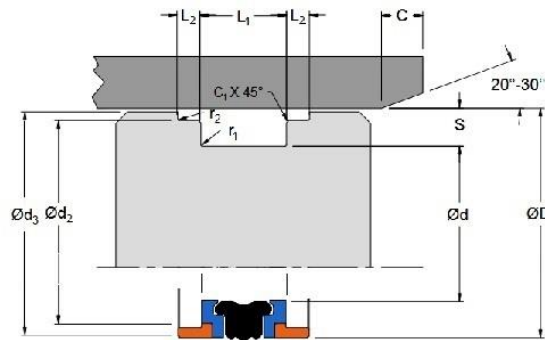
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Housing Dimensions & Tolerances Metric



DAS WH

METRIC											
PART No.	ØD ₁	TOL H9	Ød ₁	TOL h9	L1 +0.20 -0	L2 +0.10 -0	Ød ₂	TOL h9	Ød ₃	TOL h11	C Min
DAS 055 39 20.5 WH	55	+0.07 0.00	39	0.00 -0.06	20.5	3.1	51.0	0.00 -0.07	54.0	0.00 -0.19	5.0
DAS 055 45 12.5 WH	55	+0.07 0.00	45	0.00 -0.06	12.5	4.0	52.0	0.00 -0.07	54.0	0.00 -0.19	2.4
DAS 060 44 18.4 WH	60	+0.07 0.00	44	0.00 -0.06	18.4	6.35	55.4	0.00 -0.07	58.5	0.00 -0.19	5.0
DAS 060 44 20.5 WH	60	+0.07 0.00	44	0.00 -0.06	20.5	3.1	56.0	0.00 -0.07	59.0	0.00 -0.19	5.0
DAS 060 48 20.5 WH	60	+0.07 0.00	48	0.00 -0.06	20.5	4.2	56.0	0.00 -0.07	59.4	0.00 -0.19	3.5
DAS 063 47 18.4 WH	63	+0.07 0.00	47	0.00 -0.06	18.4	6.35	58.4	0.00 -0.07	61.5	0.00 -0.19	5.0
DAS 063 47 19.4 WH	63	+0.07 0.00	47	0.00 -0.06	19.4	6.35	58.4	0.00 -0.07	61.5	0.00 -0.19	5.0
DAS 063 47 20.5 WH	63	+0.07 0.00	47	0.00 -0.06	20.5	3.1	59.0	0.00 -0.07	62.0	0.00 -0.19	5.0
DAS 063 51 20.5 WH	63	+0.07 0.00	51	0.00 -0.07	20.5	4.2	59.0	0.00 -0.07	62.4	0.00 -0.19	3.5
DAS 063 53 12.5 WH	63	+0.07 0.00	53	0.00 -0.07	12.5	4.0	60.0	0.00 -0.07	62.0	0.00 -0.19	2.4
DAS 065 49 20.5 WH	65	+0.07 0.00	49	0.00 -0.07	20.5	3.1	61.0	0.00 -0.07	64.0	0.00 -0.19	5.0
DAS 065 50 18.4 WH	65	+0.07 0.00	50	0.00 -0.07	18.4	6.35	60.4	0.00 -0.07	63.5	0.00 -0.19	4.0
DAS 065 53 20.5 WH	65	+0.07 0.00	53	0.00 -0.07	20.5	4.2	61.0	0.00 -0.07	64.4	0.00 -0.19	3.5

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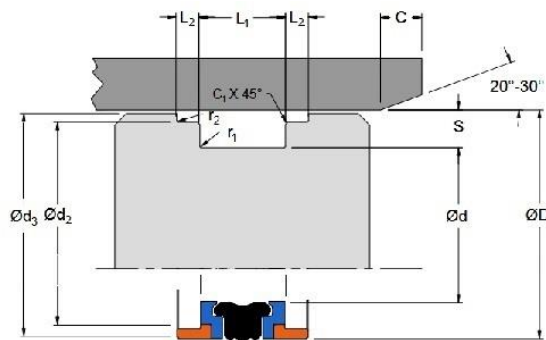
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Housing Dimensions & Tolerances Metric



DAS WH

METRIC											
PART No.	ØD ₁	TOL H9	Ød ₁	TOL h9	L1 +0.20 -0	L2 +0.10 -0	Ød ₂	TOL h9	Ød ₃	TOL h11	C Min
DAS 070 50 22.4 WH	70	+0.07 0.00	50	0.00 -0.07	22.4	6.35	64.2	0.00 -0.07	68.3	0.00 -0.19	5.0
DAS 070 54 20.5 WH	70	+0.07 0.00	54	0.00 -0.07	20.5	3.1	66.0	0.00 -0.07	69.0	0.00 -0.19	5.0
DAS 070 58 20.5 WH	70	+0.07 0.00	58	0.00 -0.07	20.5	4.2	66.0	0.00 -0.07	69.4	0.00 -0.19	3.5
DAS 075 55 22.4 WH	75	+0.07 0.00	55	0.00 -0.07	22.4	6.35	69.2	0.00 -0.07	73.3	0.00 -0.19	5.0
DAS 075 59 20.5 WH	75	+0.07 0.00	59	0.00 -0.07	20.5	3.1	71.0	0.00 -0.07	74.0	0.00 -0.19	5.0
DAS 075 63 20.5 WH	75	+0.07 0.00	63	0.00 -0.07	20.5	4.2	71.0	0.00 -0.07	74.4	0.00 -0.19	3.5
DAS 080 60 22.4 WH	80	+0.07 0.00	60	0.00 -0.07	22.4	6.35	74.15	0.00 -0.07	78.3	0.00 -0.19	5.0
DAS 080 60 25 WH	80	+0.07 0.00	60	0.00 -0.07	25.0	6.3	75.0	0.00 -0.07	78.0	0.00 -0.19	5.0
DAS 080 62 22.5 WH	80	+0.07 0.00	62	0.00 -0.07	22.5	3.6	76.0	0.00 -0.07	79.0	0.00 -0.19	5.0
DAS 080 65 20 WH	80	+0.07 0.00	65	0.00 -0.07	20.0	5.0	76.0	0.00 -0.07	78.5	0.00 -0.19	4.0
DAS 080 66 22.5 WH	80	+0.07 0.00	66	0.00 -0.07	22.5	5.2	76.0	0.00 -0.07	79.4	0.00 -0.19	4.0
DAS 085 65 22.4 WH	85	+0.09 0.00	65	0.00 -0.07	22.4	6.35	79.15	0.00 -0.07	83.3	0.00 -0.22	5.0
DAS 090 70 22.4 WH	90	+0.09 0.00	70	0.00 -0.07	22.4	6.35	84.15	0.00 -0.09	88.3	0.00 -0.22	5.0

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SEAL MANUFACTURERS

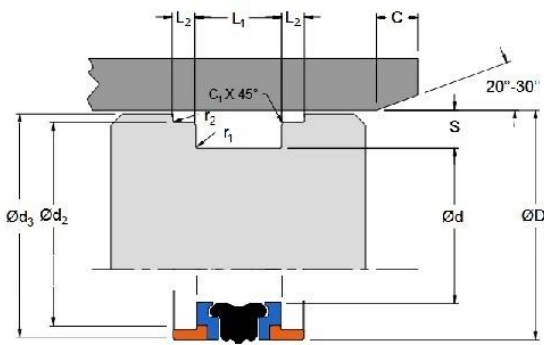
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DAS WH

METRIC											
PART No.	ØD ₁	TOL H9	Ød ₁	TOL h9	L1 +0.20 -0	L2 +0.10 -0	Ød ₂	TOL h9	Ød ₃	TOL h11	C Min
DAS 090 72 22.5 WH	90	+0.09 0.00	72	0.00 -0.07	22.5	3.6	86.0	0.00 -0.09	89.0	0.00 -0.22	5.0
DAS 090 76 22.5 WH	90	+0.09 0.00	76	0.00 -0.07	22.5	5.2	86.0	0.00 -0.09	89.4	0.00 -0.22	4.0
DAS 095 75 22.4 WH	95	+0.09 0.00	75	0.00 -0.07	22.4	6.35	89.15	0.00 -0.09	93.3	0.00 -0.22	5.0
DAS 100 75 22.4 WH	100	+0.09 0.00	75	0.00 -0.07	22.4	6.35	93.15	0.00 -0.09	98.0	0.00 -0.22	6.5
DAS 100 80 25 WH	100	+0.09 0.00	80	0.00 -0.07	25.0	6.3	95.0	0.00 -0.09	98.0	0.00 -0.22	5.0
DAS 100 82 22.5 WH	100	+0.09 0.00	82	0.00 -0.07	22.5	3.6	96.0	0.00 -0.09	99.0	0.00 -0.22	5.0
DAS 100 85 20 WH	100	+0.09 0.00	85	0.00 -0.07	20.0	5.0	96.0	0.00 -0.09	98.5	0.00 -0.22	4.0
DAS 100 86 22.4 WH	100	+0.09 0.00	86	0.00 -0.07	22.5	5.2	96.0	0.00 -0.09	99.4	0.00 -0.22	4.0
DAS 105 80 22.4 WH	105	+0.09 0.00	80	0.00 -0.07	22.4	6.35	98.1	0.00 -0.09	103.0	0.00 -0.22	6.5
DAS 110 85 22.4 WH	110	+0.09 0.00	85	0.00 -0.07	22.4	6.35	103.1	0.00 -0.09	108.0	0.00 -0.22	6.5
DAS 110 92 22.5 WH	110	+0.09 0.00	92	0.00 -0.07	22.5	3.6	106.0	0.00 -0.09	109.0	0.00 -0.22	5.0
DAS 115 90 22.4 WH	115	+0.09 0.00	90	0.00 -0.07	22.4	6.35	108.1	0.00 -0.09	113.0	0.00 -0.22	6.5
DAS 120 95 22.4 WH	120	+0.09 0.00	95	0.00 -0.07	22.4	6.35	113.1	0.00 -0.09	118.0	0.00 -0.22	6.5

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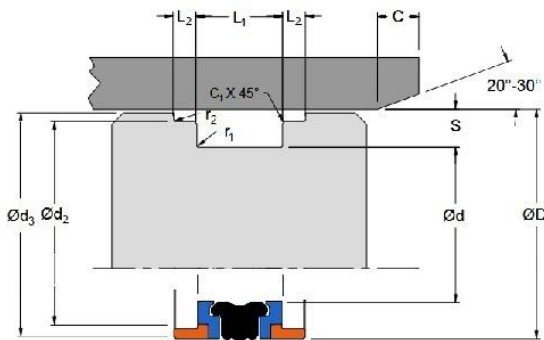
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Housing Dimensions & Tolerances Metric



DAS WH

METRIC											
PART No.	ØD ₁	TOL H9	Ød ₁	TOL h9	L1 +0.20 -0	L2 +0.10 -0	Ød ₂	TOL h9	Ød ₃	TOL h11	C Min
DAS 120 106 22.5 WH	120	+0.09 0.00	106	0.00 -0.07	22.5	5.2	116.0	0.00 -0.09	119.4	0.00 -0.22	4.0
DAS 125 100 25.4 WH	125	+0.10 0.00	100	0.00 -0.09	25.4	6.35	118.1	0.00 -0.09	123.0	0.00 -0.25	6.5
DAS 125 103 26.5 WH	125	+0.10 0.00	103	0.00 -0.09	26.5	5.1	121.0	0.00 -0.1	124.0	0.00 -0.25	6.5
DAS 125 105 25 WH	125	+0.10 0.00	105	0.00 -0.09	25.0	6.3	120.0	0.00 -0.09	123.0	0.00 -0.25	5.0
DAS 130 105 25.4 WH	130	+0.10 0.00	105	0.00 -0.09	25.4	9.5	122.6	0.00 -0.10	128.0	0.00 -0.25	6.5
DAS 130 105 25.4 WH/1	130	+0.10 0.00	105	0.00 -0.09	25.4	6.35	123.1	0.00 -0.10	128.0	0.00 -0.25	6.5
DAS 135 110 25.4 WH	135	+0.10 0.00	110	0.00 -0.09	25.4	9.5	127.6	0.00 -0.10	133.0	0.00 -0.25	6.5
DAS 140 115 25.4 WH/1	140	+0.10 0.00	115	0.00 -0.09	25.4	9.5	132.6	0.00 -0.10	138.0	0.00 -0.25	6.5
DAS 140 115 25.4 WH/1	140	+0.10 0.00	115	0.00 -0.09	25.4	6.35	133.0	0.00 -0.10	138.0	0.00 -0.25	6.5
DAS 145 120 25.4 WH	145	+0.10 0.00	120	0.00 -0.09	25.4	9.5	137.6	0.00 -0.10	143.0	0.00 -0.25	6.5
DAS 150 125 25.4 WH	150	+0.10 0.00	125	0.00 -0.10	25.4	9.5	142.6	0.00 -0.10	148.0	0.00 -0.25	6.5
DAS 150 125 25.4 WH/1	150	+0.10 0.00	125	0.00 -0.10	25.4	6.35	143.0	0.00 -0.10	148.0	0.00 -0.25	6.5
DAS 155 130 25.4 WH	155	+0.10 0.00	130	0.00 -0.10	25.4	9.5	147.6	0.00 -0.10	153.0	0.00 -0.25	6.5

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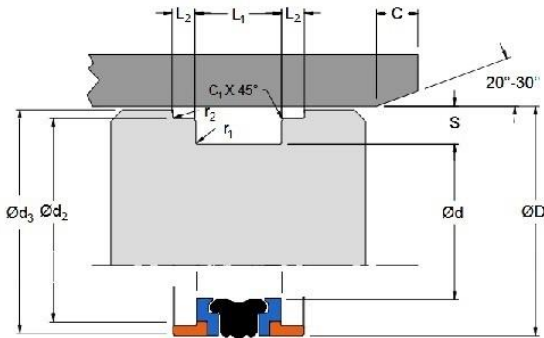
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Housing Dimensions & Tolerances Metric



DAS WH

METRIC											
PART No.	ØD ₁	TOL H9	Ød ₁	TOL h9	L1 +0.20 -0	L2 +0.10 -0	Ød ₂	TOL h9	Ød ₃	TOL h11	C Min
DAS 160 130 25.4 WH	160	+0.10 0.00	130	0.00 -0.10	25.4	9.5	152.6	0.00 -0.10	158.0	0.00 -0.25	7.5
DAS 160 130 25.4 WH/1	160	+0.10 0.00	130	0.00 -0.10	25.4	6.35	153.0	0.00 -0.10	158.0	0.00 -0.25	7.5
DAS 160 135 25.4 WH	160	+0.10 0.00	135	0.00 -0.10	25.4	9.5	152.6	0.00 -0.10	158.0	0.00 -0.25	6.5
DAS 160 143 26.5 WH	160	+0.10 0.00	143	0 -0.10	26.5	7.2	156.0	0.00 -0.10	159.4	0.00 -0.25	5.0
DAS 165 140 25.4 WH	165	+0.10 0.00	140	0 -0.10	25.4	9.5	157.6	0.00 -0.10	163.0	0.00 -0.25	6.5
DAS 170 145 25.4 WH	170	+0.10 0.00	145	0 -0.10	25.4	12.7	161.7	0.00 -0.10	168.0	0.00 -0.25	6.5
DAS 175 150 25.4 WH	175	+0.10 0.00	150	0 -0.10	25.4	12.7	166.7	0.00 -0.10	173.0	0.00 -0.25	6.5
DAS 180 150 35.4 WH	180	+0.10 0.00	150	0.00 -0.10	35.4	6.35	172.95	0.00 -0.10	178.0	0.00 -0.25	7.5
DAS 180 155 25.4 WH	180	+0.10 0.00	155	0.00 -0.10	25.4	12.7	171.7	0.00 -0.10	178.0	0.00 -0.25	6.5
DAS 185 160 25.4 WH	185	+0.12 0.00	160	0.00 -0.10	25.4	12.7	176.7	0.00 -0.10	183.0	0.00 -0.29	6.5
DAS 190 165 25.4 WH	190	+0.12 0.00	165	0.00 -0.10	25.4	12.7	181.7	0.00 -0.12	188.0	0.00 -0.29	6.5
DAS 195 170 25.4 WH	195	+0.12 0.00	170	0.00 -0.10	25.4	12.7	186.7	0.00 -0.12	193.0	0.00 -0.29	6.5
DAS 200 175 25.4 WH	200	+0.12 0.00	175	0.00 -0.10	25.4	12.7	191.6	0.00 -0.12	198.0	0.00 -0.29	6.5

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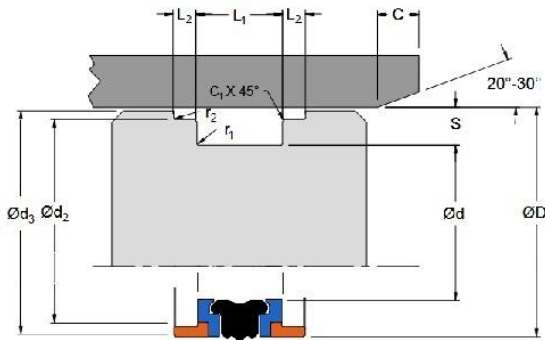
GASKET CUTTERS

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DIRECTORS P.J. Flanagan, C. Flanagan, J. Flanagan, A. Flanagan, N. Flanagan. Registered in Ireland No. 110912

Housing Dimensions & Tolerances Metric



DAS WH

METRIC											
PART No.	ØD ₁	TOL H9	Ød ₁	TOL h9	L1 +0.20 -0	L2 +0.10 -0	Ød ₂	TOL h9	Ød ₃	TOL h11	C Min
DAS 210 185 25.4 WH	210	+0.12 0.00	185	0.00 -0.10	25.4	12.7	201.6	0.00 -0.12	208.0	0.00 -0.29	6.5
DAS 220 195 25.4 WH	220	+0.12 0.00	195	0.00 -0.10	25.4	12.7	211.6	0.00 -0.12	218.0	0.00 -0.29	6.5
DAS 230 205 25.4 WH	230	+0.12 0.00	205	0.00 -0.10	25.4	12.7	221.6	0.00 -0.12	227.0	0.00 -0.29	6.5
DAS 240 215 25.4 WH	240	+0.12 0.00	215	0.00 -0.10	25.4	12.7	231.6	0.00 -0.12	238.0	0.00 -0.29	6.5
DAS 250 225 25.4 WH	250	+0.12 0.00	225	0.00 -0.10	25.4	12.7	241.6	0.00 -0.12	247.0	0.00 -0.29	6.5

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