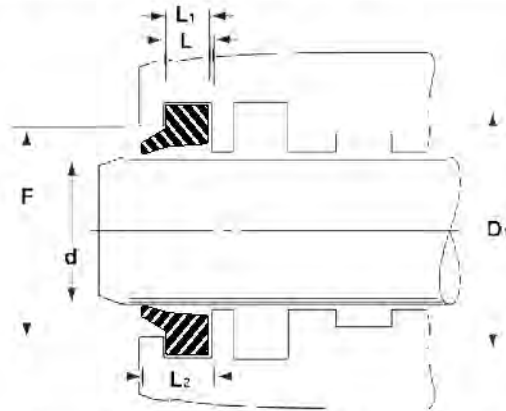


A40 Urethane & Nitrile Wipers - Metric



EXAMPLE: A40-50X60X5 P90

Prefix	Inside Diameter		Outside Diameter		Base Height	Suffix
A40-	50	x	60	x	5	P90
	50mm		60mm		5mm	90APU

PARTS W/O SUFFIX ARE **90A NBR**

ALTERNATIVE SEALS:

842, AY, A37, A41

Profile A40 wipers are manufactured from 90 durometer nitrile or 90 durometer Urethane, (designated by P90 in part number). These rings can easily be snapped into grooves of relatively simple design. No close tolerances are needed.

Temperature: -40° to 230°F

Part Number	Rod Dia. d	Outside Dia. D ₁	Base Height L ₁	Material	Groove Dimensions		
					H11 D	(+0.1) (-0.0) L	H11 F
A40-5X12X2.5 P90	5	12	2.5	P90	12	2.8	9
A40-8X14.6X3.8 P90	8	14.6	3.8	P90	14.6	3.8	11
A40-10X16X3.5	10	16	3.5				
A40-10X16X3.5 P90	10	16	3.5	P90	16.6	3.8	13
A40-12X18X3.5	12	18	3.5				
A40-12X18X4	12	18	4		18.6	4	15
A40-12X18X4 P90	12	18	4	P90			
A40-12X20X4 P90	12	20	4	P90	20	4	14
A40-14X20X3.5 P90	14	20	3.5	P90			
A40-15X21.6X3.8 P90	15	21.6	3.8	P90			
A40-16X22X3.4	16	22	3.4				
A40-16X22X3.5 P90	16	22	3.5	P90			
A40-16X22.6X3.8 P90	16	22.6	3.8	P90			
A40-16X24X5 P90	16	24	5	P90			
A40-16X26X4 P90	16	26	4	P90			
A40-18X24X3.4	18	24	3.4				
A40-18X24X3.5 P90	18	24	3.5	P90			
A40-18X30X5	18	30	5				
A40-19X28X5	19	28	5				
A40-20X28X5	20	28	5				
A40-20X28X5 P90	20	28	5	P90	28.6	5.3	23
A40-22X30X5	22	30	5		30.6	5.3	25
A40-22X30X5 P90	22	30	5	P90			
A40-24X32X5	24	32	5				
A40-24X32X5 P90	24	32	5	P90	32.6	5.3	27
A40-25X33X4	25	33	4		33	4	27
A40-25X33X5	25	33	5		33.6	5.3	28
A40-25X33X5 P90	25	33	5	P90			
A40-25.4X34.93X4.6	25.4	34.93	4.6				
A40-27X35X5	27	35	5				
A40-28X36X5	28	36	5				
A40-28X36X5 P90	28	36	5	P90			
A40-30X38X5	30	38	5				
A40-30X38X5 P90	30	38	5	P90	38.6	5.3	33
A40-30X40X7 N85	30	40	7	N85			

A40 Urethane & Nitrile Wipers - Metric, cont'd.

Part Number	Rod Dia. d	Outside Dia. D ₁	Base Height L ₁	Material	Groove Dimensions		
					H11 D	(+0.1) (-0.0) L	H11 F
A40-30X42X6	30	42	6				
A40-30X45X5	30	45	5				
A40-32X40X3.5 P90	32	40	3.5	P90			
A40-32X40X5	32	40	5		40.6	5.3	35
A40-32X40X5 P90	32	40	5	P90			
A40-32X44X6	32	44	6				
A40-33X42X5	33	42	5				
A40-35X43X5	35	43	5				
A40-35X43X5 P90	35	43	5	P90	43.6	5.3	38
A40-35X47X4	35	47	4				
A40-35X47X6	35	47	6				
A40-36X44X5	36	44	5		44.6	5.3	39
A40-36X44X5 P90	36	44	5	P90			
A40-36X48X6	36	48	6				
A40-38X44X4.3	38	44	4.3				
A40-38X46X5	38	46	5				
A40-38X46X5 P90	38	46	5	P90	46.6	5	41
A40-40X48X4	40	48	4				
A40-40X48X4 P90	40	48	4	P90			
A40-40X48X5	40	48	5		48.6	5.3	43
A40-40X48X5 P90	40	48	5	P90	48	5	42
A40-40X50X5	40	50	5				
A40-40X50X5 P90	40	50	5	P90			
A40-40X50X7 P90	40	50	7	P90			
A40-40X52X5 P90	40	52	5	P90			
A40-40X52X6	40	52	6				
A40-42X50X5	42	50	5		50.6	5.3	45
A40-42X50X5 P90	42	50	5	P90			
A40-42X54X6 P90	42	54	6	P90	54	6	44
A40-45X53X5	45	53	5				
A40-45X53X5 P90	45	53	5	P90			
A40-45X55X5	45	55	5		55.6	5.3	52.6
A40-45X55X5 P90	45	55	5	P90			
A40-45X60X4 P90	45	60	4	P90			
A40-46X54X5	46	54	5				
A40-46X54X5 P90	46	54	5	P90	54.6	5.3	49
A40-47X53X5 P90	47	53	5	P90			
A40-48X56X5	48	56	5				
A40-48X56X5.3 P90	48	56	5.3	P90			
A40-50X58X5	50	58	5				
A40-50X58X5 P90	50	58	5	P90			
A40-50X58.6X5.3 P90	50	58.6	5.3	P90			
A40-50X60X5	50	60	5		60.6	5.3	57.6
A40-50X60X5 P90	50	60	5	P90			
A40-50X60X7 P90	50	60	7	P90			
A40-50X62X6	50	62	6		62	6	52
A40-50X65X4 P90	50	65	4	P90	65.5	4.2	58
A40-53X61X5 P90	53	61	5	P90	61.6	5.3	56
A40-55X63X5	55	63	5				
A40-55X63X5 P90	55	63	5	P90	63.6	5.3	58
A40-55X65X5	55	65	5				
A40-55X65X5 P90	55	65	5	P90	65.6	5.3	62.6
A40-55X65X7	55	65	7				
A40-55X67X7 P90	55	67	7	P90			
A40-56X64X5 P90	56	64	5	P90	64.6	5.3	59

A40 Urethane & Nitrile Wipers - Metric, cont'd.

Part Number	Rod Dia. d	Outside Dia. D ₁	Base Height L ₁	Material	Groove Dimensions		
					H11 D	(+0.1) (-0.0) L	H11 F
A40-56X66X5	56	66	5		66.6	5.3	63.6
A40-56X66X5 P90	56	66	5	P90			
A40-56X66X6 P90	56	66	6	P90			
A40-56X66X6.3	56	66	6.3				
A40-56X66X6.3 P90	56	66	6.3	P90			
A40-56X68X6	56	68	6				
A40-60X68X5	60	68	5		68.6	5.3	63
A40-60X70X5	60	70	5		70.6	5.3	67.6
A40-60X70X5 P90	60	70	5	P90			
A40-60X70X7 P90	60	70	7	P90			
A40-63X71X5	63	71	5		71.6	5.3	66
A40-63X71X5 P90	63	71	5	P90			
A40-63X73X5	63	73	5				
A40-63X73X5 P90	63	73	5	P90			
A40-63X73X6.3	63	73	6.3				
A40-63X73.6X5.3 P90	63	73.6	5.3	P90			
A40-63X75X6	63	75	6				
A40-65X73X5	65	73	5		73.6	5.3	68
A40-65X73X5 P90	65	73	5	P90			
A40-65X75X5	65	75	5		75.6	5.3	72.6
A40-65X75X5 P90	65	75	5	P90			
A40-65X75X7 P90	65	75	7	P90			
A40-65X76X5.8 P90	65	76	5.8	P90			
A40-65X77X7 P90	65	77	7	P90			
A40-70X78X5	70	78	5				
A40-70X78X5 P90	70	78	5	P90	78.6	5.3	73
A40-70X80X5	70	80	5		80.6	5.3	77.6
A40-70X80X5 P90	70	80	5	P90			
A40-70X80X6.3	70	80	6.3				
A40-70X80X6.3 P90	70	80	6.3	P90			
A40-70X80X7 P90	70	80	7	P90			
A40-70X82X6	70	82	6				
A40-70X82X7	70	82	7				
A40-70X82X7 P90	70	82	7	P90			
A40-73X81X5 P90	73	81	5	P90			
A40-75X83X5	75	83	5		83.6	5.3	78
A40-75X83X5 P90	75	83	5	P90	83.6	5.3	78
A40-75X85X5	75	85	5				
A40-75X87X7	75	87	7				
A40-75X87X7 P90	75	87	7	P90			
A40-78X88X5.2 P90	78	88	5.2	P90			
A40-78X92X7 P90	78	92	7	P90			
A40-80X88X5	80	88	5		88.6	5.3	83
A40-80X88X5 P90	80	88	5	P90			
A40-80X90X3 P90	80	90	3	P90			
A40-80X90X6.3	80	90	6.3				
A40-80X90X6.5 P90	80	90	6.5	P90	90	6.5	87
A40-80X92X7	80	92	7				
A40-80X92X7 P90	80	92	7	P90	92.2	7.1	86
A40-85X93X5	85	93	5				
A40-85X93X5 P90	85	93	5	P90	93.6	5.3	88
A40-85X93X5X7-V	85	93	5	V90			
A40-85X97X7	85	97	7				
A40-85X97X7 P90	85	97	7	P90	97.2	7.1	91
A40-88X96.6X5.3 P90	88	96.6	5.3	P90			

A40 Urethane & Nitrile Wipers - Metric, cont'd.

Part Number	Rod Dia. d	Outside Dia. D ₁	Base Height L ₁	Material	Groove Dimensions		
					H11 D	(+0.1) (-0.0) L	H11 F
A40-90X98X5	90	98	5		98.6	5.3	93
A40-90X100X6 P90	90	100	6	P90			
A40-90X100X7	90	100	7				
A40-90X102X6 P90	90	102	6	P90			
A40-90X102X7	90	102	7		102.2	7.1	96
A40-90X102X7 P90	90	102	7	P90			
A40-90X106X8	90	106	8		106	8	97
A40-91X99.6X5.3 P90	91	99.6	5.3	P90			
A40-95X103X5	95	103	5				
A40-95X107X7	95	107	7				
A40-95X107X7 P90	95	107	7	P90			
A40-100X108X5	100	108	5		108.6	5.3	103
A40-100X110X5	100	110	5				
A40-100X112X7	100	112	7		112.2	7.1	106
A40-100X112X7 P90	100	112	7	P90	112.2	7.1	106
A40-100X115X9.5 P90	100	115	9.5	P90			
A40-100X115X9.5	100	115	9.5				
A40-100X116X8	100	116	8		116	8	106
A40-105X113X5	105	113	5				
A40-105X113X5 P90	105	113	5	P90			
A40-105X117X7	105	117	7				
A40-105X117X7 P90	105	117	7	P90			
A40-107X115.6X5.3P90	107	115.6	5.3	P90			
A40-110X118X5	110	118	5		118.6	5.3	113
A40-110X122X7	110	122	7		122.2	7.1	116
A40-110X122X7 P90	110	122	7	P90	122.2	7.1	116
A40-110X125X9.2 P90	110	125	9.2	P90			
A40-110X125X9.5 P90	110	125	9.5	P90	125	9.5	116
A40-110X126X8	110	126	8				
A40-115X123X5	115	123	5				
A40-115X125X5	115	125	5				
A40-115X127X7 P90	115	127	7	P90			
A40-120X128X5 P90	120	128	5	P90			
A40-120X128X5	120	128	5				
A40-120X132X7	120	132	7				
A40-120X132X7 P90	120	132	7	P90	132.2	7.1	126
A40-120X135X9.5 P90	120	135	9.5	P90			
A40-125X133X5	125	133	5				
A40-125X137X7 P90	125	137	7	P90	137.2	7.1	
A40-125X140X9.5 P90	125	140	9.5	P90	140	9.5	131
A40-125X140X10	125	140	10		140	10.2	132.6
A40-125X140X10 P90	125	140	10	P90			
A40-128X140X7 P90	128	140	7	P90	140.2	7.1	134
A40-130X142X7	130	142	7				
A40-130X142X7 P90	130	142	7	P90	142.2	7.1	136
A40-130X145X10	130	145	10				
A40-135X150X7 P90	135	150	7	P90			
A40-140X148X5 P90	140	148	5	P90			
A40-140X152X7	140	152	7				
A40-140X152X7 P90	140	152	7	P90	152.2	7.1	146
A40-140X155X9.5	140	155	9.5				
A40-140X155X9.5 P90	140	155	9.5	P90	155	9.5	146
A40-140X155X10	140	155	10		155	10.2	147.6
A40-145X157X7 P90	145	157	7	P90			
A40-150X162X7.1 P90	150	162	7.1	P90			

A40 Urethane & Nitrile Wipers - Metric, cont'd.

Part Number	Rod Dia. d	Outside Dia. D ₁	Base Height L ₁	Material	Groove Dimensions		
					H11 D	(+0.1) (-0.0) L	H11 F
A40-150X165X10	150	165	10		165	10.2	157.6
A40-150X165X10 P90	150	165	10	P90			
A40-150X166X8 P90	150	166	8	P90	166	8	156
A40-155X167X7	155	167	7				
A40-160X172X7 P90	160	172	7	P90			
A40-160X175X9.5 P90	160	175	9.5	P90			
A40-160X175X10	160	175	10				
A40-160X175X10 P90	160	175	10	P90	175	10.2	167.6
A40-165X173X5	165	173	5		173	5.3	168
A40-165X173X5 P90	165	173	5		173	5.3	168
A40-165X180X10	165	180	10				
A40-170X182X7	170	182	7		182.2	7.1	176
A40-170X185X10	170	185	10				
A40-180X188X5 P90	180	188	5	P90			
A40-180X195X9.5 P90	180	195	9.5	P90			
A40-180X195X10 P90	180	195	10	P90			
A40-180X200X10	180	200	10				
A40-180X200X10 P90	180	200	10	P90			
A40-185X197X7	185	197	7				
A40-190X210X10 P90	190	210	10	P90	210	10.2	196
A40-200X215X9.5 P90	200	215	9.5	P90	215	9.5	206
A40-200X215X10 P90	200	215	10	P90			
A40-200X220X10	200	220	10				
A40-200X220X10 P90	200	220	10	P90			
A40-210X225X10	210	225	10				
A40-210X225X10 P90	210	225	10	P90			
A40-210X230X10 P90	210	230	10	P90			
A40-220X240X10	220	240	10				
A40-220X240X10 P90	220	240	10	P90	240	10.2	230
A40-220X240X12 P90	220	240	12	P90	240	12.5	227
A40-225X245X10	225	245	10				
A40-230X250X10	230	250	10				
A40-230X250X10 P90	230	250	10	P90			
A40-235X255X10.2 P90	235	255	10.2	P90			
A40-240X248X5	240	248	5				
A40-240X255X10 P90	240	255	10	P90			
A40-240X260X10	240	260	10		260	10.2	250
A40-250X270X10	250	270	10		270	10.2	260
A40-250X270X10 P90	250	270	10	P90			
A40-250X270X12.5 P90	250	270	12.5	P90			
A40-260X280X10	260	280	10		280	10.2	270
A40-260X280X10.2 P90	260	280	10.2	P90			
A40-270X290X10	270	290	10		290	10.2	280
A40-280X300X10	280	300	10				
A40-280X300X10 P90	280	300	10	P90			
A40-300X316X7.5 P90	300	316	7.5	P90			
A40-300X320X10	300	320	10		320	10.2	310
A40-320X340X10 P90	320	340	10	P90	340	10.2	330
A40-330X346X10	330	346	10				
A40-340X360X10 P90	340	360	10	P90			
A40-350X370X10 P90	350	370	10	P90			
A40-380X400X10 P90	380	400	10	P90			
A40-450X470X10 P90	450	470	10	P90			