

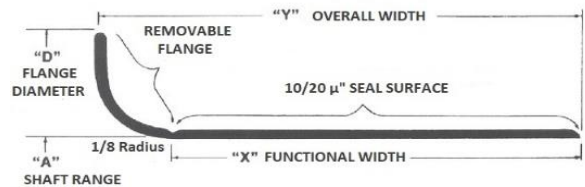


METRIC



Part #	Nominal Shaft Dia	"A" Shaft Diameter Range		"X" Functional width +/- .79mm	"Y" Overall Width +/- .79mm	"D" Flange Dia +/- 1.6mm	Tool length
		Min Dia	Max Dia				
99062	15.88	15.82	15.93	7.92	10.31	19.05	38.10
99058	16.00	15.90	16.00	7.92	11.10	19.05	38.10
99076	19.05	19.00	19.10	7.92	11.10	23.83	38.10
99078	19.99	19.94	20.04	8.00	11.00	23.62	33.32
99085	22.00	21.87	22.00	8.00	11.99	29.34	38.10
99087	22.23	22.17	22.28	7.92	11.10	27.76	38.10
99098	24.99	24.94	25.04	8.00	11.00	33.02	45.85
99100	25.40	25.35	25.45	7.92	11.10	30.99	45.85
99101	25.40	25.35	25.45	7.92	11.10	30.99	45.85
99112	28.58	28.52	28.63	7.92	11.10	38.10	22.23
99116	28.58	28.52	28.63	9.53	12.70	38.10	22.23
99114	30.00	29.95	30.07	8.00	11.00	35.56	22.23
99118	30.18	30.10	30.23	7.92	11.10	35.56	22.23
99125	31.80	31.67	31.83	7.92	11.10	38.10	22.23
99128	32.00	31.93	32.08	7.92	11.10	38.10	22.23
99131	33.32	33.27	33.43	12.70	15.88	40.49	25.40
99138	34.93	34.82	34.98	13.00	16.00	41.58	25.40
99139	34.93	34.93	35.08	13.00	16.00	41.58	25.40
99143	36.53	36.37	36.53	14.27	17.48	45.21	30.48
99144	36.53	36.45	36.60	9.53	12.70	45.21	30.48
99147	38.00	37.85	38.00	13.00	16.99	45.21	30.48
99149	38.10	38.02	38.18	14.27	17.48	45.72	30.48
99150	38.10	38.02	38.18	9.53	12.70	45.72	30.48
99152	38.68	38.61	38.76	11.13	14.30	45.72	30.48
99155	39.42	39.34	39.50	11.13	14.30	45.72	30.23
99156	39.70	39.60	39.75	14.27	17.48	45.72	30.23
99157	40.08	39.93	40.08	13.00	16.00	45.72	30.23
99162	41.28	41.20	41.35	14.27	17.48	47.63	30.23
99169	41.91	41.83	42.01	14.27	17.48	47.63	30.23
99168	42.88	42.77	42.93	14.27	17.48	48.41	27.69
99171	43.66	43.56	43.71	14.27	17.48	52.37	27.69
99170	44.17	44.09	44.25	9.53	12.70	52.37	27.69
99172	44.45	44.37	44.53	9.53	12.70	52.37	27.69
99174	44.45	44.37	44.53	14.27	17.48	52.37	27.69
99175	44.45	44.37	44.53	19.05	22.23	52.37	27.69
99176	44.86	44.73	44.88	14.27	17.48	52.37	27.69
99177	45.01	44.93	45.09	13.97	17.02	52.37	27.69

Part #	Nominal Shaft Dia	"A" Shaft Diameter Range		"X" Functional width +/- .79mm	"Y" Overall Width +/- .79mm	"D" Flange Dia +/- 1.6mm	Tool length
		Min Dia	Max Dia				
99181	46.05	45.95	46.10	14.27	17.48	53.09	31.75
99187	47.63	47.55	47.70	14.27	17.48	55.96	31.75
99189	48.03	47.93	48.08	14.27	17.48	55.96	31.75
99192	48.56	48.49	48.64	9.53	12.70	56.39	31.24
99193	49.23	49.12	49.28	14.27	17.48	56.39	31.24
99196	50.01	49.91	50.06	14.00	16.97	56.49	31.24
99199	50.80	50.72	50.88	14.27	17.48	61.11	31.24
99200	50.80	50.72	50.88	22.23	25.40	61.11	31.24
99205	52.40	52.25	52.40	19.84	23.83	62.71	36.07
99210	53.98	53.92	54.05	12.70	19.05	62.03	36.07
99212	53.98	53.95	54.10	19.81	23.80	61.52	36.07
99215	54.99	54.91	55.07	19.99	22.99	62.00	32.89
99218	55.58	55.52	55.68	19.81	23.83	63.50	32.89
99220	56.01	55.83	56.01	12.70	15.88	63.50	32.89
99225	57.15	57.12	57.28	19.81	23.83	64.26	32.89
99227	57.15	57.12	57.28	7.92	11.13	64.26	32.89
99235	59.99	59.92	60.07	19.99	22.99	70.74	40.89
99241	59.99	59.92	60.07	9.40	11.43	70.74	40.89
99237	60.33	60.30	60.45	19.81	23.83	69.85	40.89
99240	60.33	60.30	60.45	13.36	16.21	69.85	40.89
99238	60.33	60.25	60.40	15.06	19.05	69.85	40.89
99242	61.90	61.85	62.00	12.70	15.88	71.83	40.89
99243	61.93	61.82	61.98	19.81	23.83	71.83	40.89
99244	62.00	61.82	62.00	12.70	15.88	71.83	40.89
99249	63.30	63.22	63.37	19.84	23.83	71.63	40.89
99250	63.50	63.50	63.65	19.81	23.83	71.63	40.89
99248	63.50	63.50	63.65	12.70	16.66	71.63	40.89
99253	63.50	63.42	63.58	14.10	16.66	71.63	40.89
99251	63.91	63.75	63.91	19.81	23.83	71.63	40.89
99254	65.00	64.92	65.07	19.99	23.83	72.39	40.89
99256	65.10	65.02	65.18	19.81	23.83	72.39	40.89
99255	65.10	65.02	65.18	25.40	27.94	72.39	40.89



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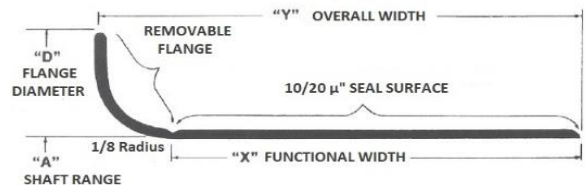


METRIC



Part #	Nominal Shaft Dia	"A" Shaft Diameter Range		"X" Functional width +/- .79mm	"Y" Overall Width +/- .79mm	"D" Flange Dia +/- 1.6mm	Tool length
		Min Dia	Max Dia				
99259	65.99	65.91	66.07	19.81	23.83	75.95	40.89
99261	66.57	66.50	66.65	19.81	23.83	75.95	40.89
99260	66.68	168.20	66.75	12.70	15.88	75.95	40.89
99262	66.68	66.68	66.83	19.81	23.83	77.39	40.89
99264	66.68	66.57	66.73	19.81	23.01	77.39	40.89
99272	69.85	69.85	70.00	10.31	14.30	79.38	36.50
99274	69.85	69.72	69.88	19.81	23.83	79.38	36.50
99275	69.85	69.85	70.00	19.81	23.83	79.38	36.50
99276	70.00	69.93	70.08	19.99	24.00	79.38	36.50
99284	72.01	71.83	72.01	19.10	22.20	81.92	34.93
99282	72.09	72.09	72.24	12.70	16.66	81.92	34.93
99287	73.03	72.97	73.13	19.81	23.83	81.79	34.93
99290	74.63	74.60	74.75	12.70	16.28	84.94	38.86
99293	74.63	74.60	74.75	19.81	23.80	84.94	38.86
99289	75.01	74.93	75.08	15.09	17.48	83.95	38.86
99294	75.01	74.93	75.08	22.00	26.01	83.95	38.86
99298	76.02	75.95	76.10	14.27	17.48	85.34	38.86
99299	76.02	75.95	76.10	20.62	25.40	85.34	38.86
99300	76.20	76.20	76.35	20.62	25.40	82.17	38.86
99303	76.20	76.20	76.35	15.88	20.62	84.96	38.86
99307	79.38	79.35	79.55	14.00	18.01	89.69	52.40
99311	79.38	79.25	79.40	17.48	20.65	89.69	52.40
99312	79.38	79.25	79.40	20.65	24.64	89.69	52.40
99313	79.91	79.81	80.01	19.05	22.50	89.69	52.40
99315	80.01	79.91	80.09	20.65	24.64	89.69	52.40
99317	80.01	79.91	80.09	11.00	15.01	89.69	52.40
99322	82.55	82.47	82.63	20.62	25.40	90.81	40.08
99325	82.55	82.55	82.70	20.62	25.40	90.81	40.08
99324	82.55	82.55	82.70	15.11	18.29	90.81	40.08
99332	84.89	84.76	85.01	16.99	21.01	93.68	40.49
99333	84.89	84.76	85.01	21.01	24.99	93.68	40.49
99337	85.73	85.67	85.83	20.62	25.40	93.85	40.49
99346	88.90	88.82	88.98	15.88	20.65	97.41	40.49
99347	88.90	88.90	89.05	7.92	12.70	97.41	40.49
99350	88.90	88.90	89.05	20.62	25.40	97.41	40.49
99349	89.00	88.93	89.08	15.88	20.62	97.41	40.49
99354	89.99	89.92	90.07	23.01	27.99	99.06	47.63

Part #	Nominal Shaft Dia	"A" Shaft Diameter Range		"X" Functional width +/- .79mm	"Y" Overall Width +/- .79mm	"D" Flange Dia +/- 1.6mm	Tool length
		Min Dia	Max Dia				
99351	89.99	89.92	90.07	18.03	23.52	99.06	47.63
99353	89.99	89.92	90.07	13.36	16.94	99.06	47.63
99356	90.50	90.42	90.58	20.62	23.52	99.06	47.63
99360	91.97	91.90	92.05	20.62	25.40	102.36	47.63
99362	92.08	92.00	92.18	20.62	25.40	102.36	47.63
99363	92.10	92.02	92.18	12.70	15.88	102.36	47.63
99369	95.00	94.92	95.07	21.01	24.00	102.36	47.63
99374	95.00	95.00	95.15	8.74	12.70	102.36	47.63
99364	95.00	95.00	95.15	11.91	15.09	102.36	47.63
99367	95.25	95.25	95.40	8.74	12.70	102.24	47.63
99372	95.25	95.25	95.40	17.48	22.23	102.36	47.63
99376	95.25	95.15	95.30	14.30	17.48	102.36	47.63
99387	98.43	98.37	98.43	20.65	25.40	106.30	55.55
99393	100.00	99.95	100.10	20.65	25.40	109.52	55.55
99395	101.60	101.55	101.75	15.24	18.42	111.13	55.55
99399	101.60	101.55	101.75	20.62	25.40	111.13	55.55
99400	101.60	101.55	101.75	16.51	19.69	111.13	55.55
99401	101.60	101.55	101.75	12.70	15.88	111.13	55.55
99424	107.95	107.90	108.10	20.62	25.40	117.09	44.45
99437	111.13	111.00	85.80	20.62	25.40	120.65	44.45
99450	114.30	114.20	114.40	20.65	24.64	124.46	38.10
99452	115.01	114.88	115.09	20.65	24.64	124.46	38.10
99492	124.99	124.89	125.10	26.01	32.00	137.16	44.02
99498	127.00	126.95	127.15	17.48	22.23	136.91	44.02
99499	127.00	126.95	127.15	20.62	25.40	136.91	44.02
99525	133.35	133.25	133.45	20.62	25.40	141.22	37.69
99549	139.70	139.65	139.85	20.62	25.40	150.83	37.69
99552	140.00	139.90	140.11	20.50	25.40	150.83	37.69
99599	152.40	152.27	152.48	25.40	31.75	161.93	51.61
99650	165.10	164.97	165.23	25.40	31.75	177.80	50.80
99700	177.80	177.67	177.93	25.40	31.75	189.87	52.37



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