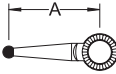
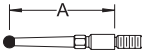
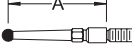
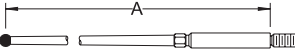
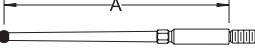

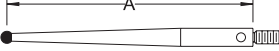

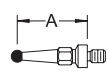

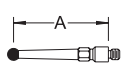
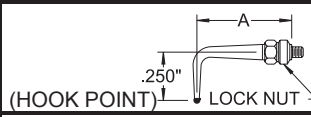
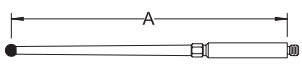
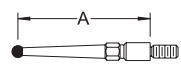
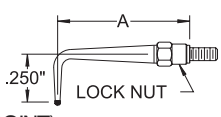


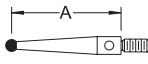
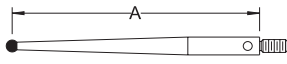
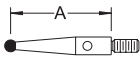
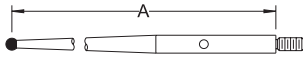
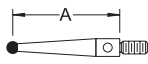
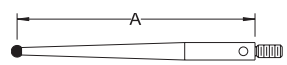
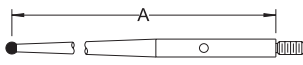



ALINA	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.472"	Ratchet	88	.015" .031" .062" .100"	101-015 101-031 101-062 101-100	101-015R 101-031R 101-062R 101-100R
	.547"	M1.7 X 0.35	M31, M31SM, M32, M33, M34, M34SM	.015" .031" 1mm .062" 2mm .100"	102-015 102-031 102-040 102-062 102-080 102-100	102-015R 102-031R 102-040R 102-062R 102-080R 102-100R
	.512"	M1.7 X 0.35	K22, K24, K26, K28	.015" .031" 1mm .062" 2mm .100"	103-015 103-031 103-040 103-062 103-080 103-100	103-015R 103-031R 103-040R 103-062R 103-080R 103-100R
	1.500"	M1.7 X 0.35	K21, K23, K25, K27	.015" .031" 1mm .062" 2mm .100"	104-015 104-031 104-040 104-062 104-080 104-100	104-015R 104-031R 104-040R 104-062R 104-080R 104-100R
	1.170"	M1.7 X 0.35	M35 Short Range	.015" .031" 1mm .062" 2mm .100"	105-015 105-031 105-040 105-062 105-080 105-100	105-015R 105-031R 105-040R 105-062R 105-080R 105-100R
	.321"	M1.6 X 0.35	524, 526, 531, 532, 622, 628, 633, 634, 724, 726	.015" .031" 1mm .062" 2mm .100"	130-015 130-031 130-040 130-062 130-080 130-100	130-015R 130-031R 130-040R 130-062R 130-080R 130-100R
	1.276"	M1.6 X 0.35	525, 527, 621, 623, 725, 727, 731, 732	.015" .031" 1mm .062" 2mm .100"	131-015 131-031 131-040 131-062 131-080 131-100	131-015R 131-031R 131-040R 131-062R 131-080R 131-100R

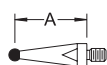
AMES	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.190"	1-72	Trutest #1 - #2	.015" .031" 1mm .062" 2mm .100"	106-015 106-031 106-040 106-062 106-080 106-100	106-015R 106-031R 106-040R 106-062R 106-080R 106-100R


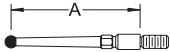
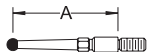
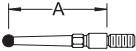

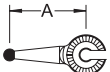
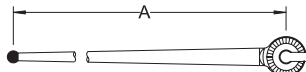
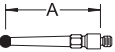
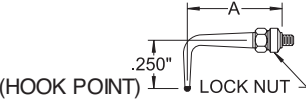
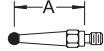
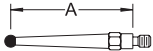
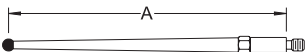
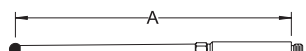
ASH	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.365"	M1.7 X 0.35	N/A	.015" .031" 1mm .062" 2mm .100"	155-015 155-031 155-040 155-062 155-080 155-100	155-015R 155-031R 155-040R 155-062R 155-080R 155-100R

BROWN & SHARPE	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.245"	M1.4 X 0.3	7025 7027 7028	.015" .031" 1mm .062" 2mm .100"	107-015 107-031 107-040 107-062 107-080 107-100	107-015R 107-031R 107-040R 107-062R 107-080R 107-100R
	.494"	M1.4 X 0.3	7021,7022,7023,7024, 7029,7030,7031,7032, 7033,7036,7037,7038, 7049,7050	.015" .031" 1mm .062" 2mm .100"	108-015 108-031 108-040 108-062 108-080 108-100	108-015R 108-031R 108-040R 108-062R 108-080R 108-100R
 (HOOK POINT)	.494"	M1.4 X 0.3	7021,7022,7023,7024, 7029,7030,7031,7032, 7033,7036,7037,7038, 7049,7050	.015" .031" .062"	108-015HP 108-031HP 108-062HP	108-015RHP 108-031RHP 108-062RHP
	1.437"	M1.4 X 0.3	7034-3 7035-3	.015" .031" 1mm .062" 2mm .100"	109-015 109-031 109-040 109-062 109-080 109-100	109-015R 109-031R 109-040R 109-062R 109-080R 109-100R
	.688"	M1.7 X 0.35	7025-4    7026-4 7027-4    7028-4	.015" .031" 1mm .062" 2mm .100"	120-015 120-031 120-040 120-062 120-080 120-100	120-015R 120-031R 120-040R 120-062R 120-080R 120-100R
 (HOOK POINT)	.688"	M1.7 X 0.35	7025-4    7026-4 7027-4    7028-4	.015" .031" .062"	120-015HP 120-031HP 120-062HP	120-015RHP 120-031RHP 120-062RHP





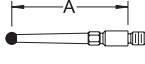
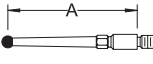
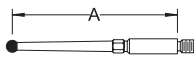
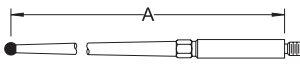
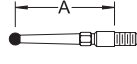
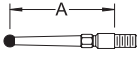
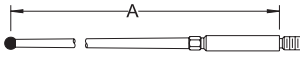
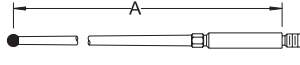
COMPAC	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.573"	M1.6 X 0.35	214A, 214GA, 215A, 215GA, 224A, 224GA, 225A, 225GA, 234A, 234GA, 235A, 235GA, 245A, 245GA	.015" .031" 1mm .062" 2mm .100"	135-015 135-031 135-040 135-062 135-080 135-100	135-015R 135-031R 135-040R 135-062R 135-080R 135-100R
	1.293"	M1.6 X 0.35	213LA 213GLA 223LA 223GLA 233LA 233GLA	.015" .031" 1mm .062" 2mm .100"	136-015 136-031 136-040 136-062 136-080 136-100	136-015R 136-031R 136-040R 136-062R 136-080R 136-100R
	.528"	M1.6 X 0.35	244A 244GA	.015" .031" 1mm .062" 2mm .100"	137-015 137-031 137-040 137-062 137-080 137-100	137-015R 137-031R 137-040R 137-062R 137-080R 137-100R
	1.652"	M1.6 X 0.35	244LA 244GLA	.015" .031" 1mm .062" 2mm .100"	145-015 145-031 145-040 145-062 145-080 145-100	145-015R 145-031R 145-040R 145-062R 145-080R 145-100R
	.561"	M1.6 X 0.35	213, 213G, 215, 215G, 223, 223G, 225, 225G, 233, 233G, 235, 235G, 242, 242G, 245, 245G	.015" .031" 1mm .062" 2mm .100"	162-015 162-031 162-040 162-062 162-080 162-100	162-015R 162-031R 162-040R 162-062R 162-080R 162-100R
	1.269"	M1.6 X 0.35	222L 232L 222GL 232GL	.015" .031" 1mm .062" 2mm .100"	163-015 163-031 163-040 163-062 163-080 163-100	163-015R 163-031R 163-040R 163-062R 163-080R 163-100R
	1.624"	M1.6 X 0.35	243L 243GL	.015" .031" 1mm .062" 2mm .100"	164-015 164-031 164-040 164-062 164-080 164-100	164-015R 164-031R 164-040R 164-062R 164-080R 164-100R

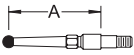
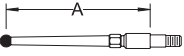
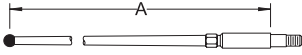
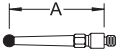
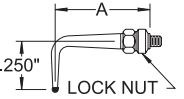
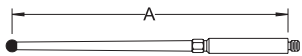
DATCON-HAMILTON	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.812"	4-48	T14 T15 T101	.015" .031" 1mm .062" 2mm .100"	132-015 132-031 132-040 132-062 132-080 132-100	132-015R 132-031R 132-040R 132-062R 132-080R 132-100R

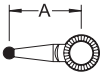
EMS	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.375"	M1.7 X 0.35	N/A	.015" .031" 1mm .062" 2mm .100"	156-015 156-031 156-040 156-062 156-080 156-100	156-015R 156-031R 156-040R 156-062R 156-080R 156-100R

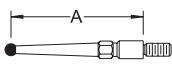
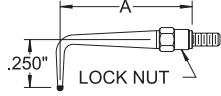
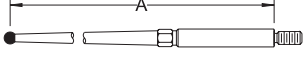
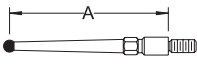
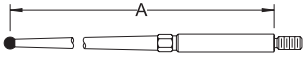
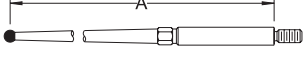
ENCO	A (Length)	Thread SizePitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.245"	M1.4 X 0.3	609-00 609-05 609-01 609-06 609-07	.015" .031" 1mm .062" 2mm .100"	107-015 107-031 107-040 107-062 107-080 107-100	107-015R 107-031R 107-040R 107-062R 107-080R 107-100R
	.660"	M1.6 X 0.35	699-10	.015" .031" 1mm .062" 2mm .100"	146-015 146-031 146-040 146-062 146-080 146-100	146-015R 146-031R 146-040R 146-062R 146-080R 146-100R
FEDERAL	A (Length)	Thread SizePitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.547"	M1.7 X 0.35	L2 L10 L6 L12	.015" .031" 1mm .062" 2mm .100"	102-015 102-031 102-040 102-062 102-080 102-100	102-015R 102-031R 102-040R 102-062R 102-080R 102-100R
	.512"	M1.7 X 0.35	L1 L9 L5 L11	.015" .031" 1mm .062" 2mm .100"	103-015 103-031 103-040 103-062 103-080 103-100	103-015R 103-031R 103-040R 103-062R 103-080R 103-100R
	.331"	Ratchet	T2 LT1/2 T3 LT2 T6 LT6 T7 LT13	.015" .031" .062" .100"	110-015 110-031 110-062 110-100	110-015R 110-031R 110-062R 110-100R
	.398"	Ratchet	T1 LT1 T5 LT5 T9 LT10	.015" .031" .062" .100"	111-015 111-031 111-062 111-100	111-015R 111-031R 111-062R 111-100R
	1.660"	Ratchet	T11 LT11 LT12	.015" .031" .062" .100"	112-015 112-031 112-062 112-100	112-015R 112-031R 112-062R 112-100R
	.494"	M1.4 X 0.3	LT102 LT123 T104 LT104 LT150 T105 T109 LT109 T101 T106 T123 LT113 T102 T108	.015" .031" 1mm .062" 2mm .100"	108-015 108-031 108-040 108-062 108-080 108-100	108-015R 108-031R 108-040R 108-062R 108-080R 108-100R
 (HOOK POINT) .250" LOCK NUT	.494"	M1.4 X 0.3	LT102 LT123 T104 LT104 LT150 T105 T109 LT109 T101 T106 T123 LT113 T102 T108	.015" .031" .062"	108-015HP 108-031HP 108-062HP	108-015RHP 108-031RHP 108-062RHP
	.366"	M1.6 X 0.35	T-82 LT-82	.015" .031" 1mm .062" 2mm .100"	150-015 150-031 150-040 150-062 150-080 150-100	150-015R 150-031R 150-040R 150-062R 150-080R 150-100R
	.636"	M1.6 X 0.35	T-83 LT-83 T-85 LT-85	.015" .031" 1mm .062" 2mm .100"	151-015 151-031 151-040 151-062 151-080 151-100	151-015R 151-031R 151-040R 151-062R 151-080R 151-100R
	1.447"	M1.6 X 0.35	T-84 LT-84 T-86 LT-86	.015" .031" 1mm .062" 2mm .100"	152-015 152-031 152-040 152-062 152-080 152-100	152-015R 152-031R 152-040R 152-062R 152-080R 152-100R
	1.437"	M1.4 X 0.3	T-103 LT-103 T-111 LT-111	.015" .031" 1mm .062" 2mm .100"	109-015 109-031 109-040 109-062 109-080 109-100	109-015R 109-031R 109-040R 109-062R 109-080R 109-100R

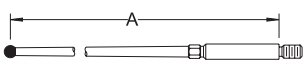
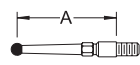
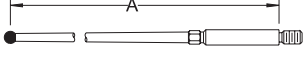

DIAL TEST INDICATORS

FOWLER	A (Length)	Thread SizePitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
(VERDICT) 	.306"	Ratchet	52-555-000, 005, 666 TYPE C	.015" .031" .062" .100"	113-015 113-031 113-062 113-100	113-015R 113-031R 113-062R 113-100R
(VERDICT) 	.375"	Ratchet	SP SUPER TEST	.015" .031" .062" .100"	114-015 114-031 114-062 114-100	114-015R 114-031R 114-062R 114-100R
(VERDICT) 	.250"	M1.7 X 0.35	52-560-010, 015 TA4 T5 T7 T500	.015" .031" 1mm .062" 2mm .100"	115-015 115-031 115-040 115-062 115-080 115-100	115-015R 115-031R 115-040R 115-062R 115-080R 115-100R
(VERDICT) 	.344"	M1.7 X 0.35	T1 T2 T4	.015" .031" 1mm .062" 2mm .100"	116-015 116-031 116-040 116-062 116-080 116-100	116-015R 116-031R 116-040R 116-062R 116-080R 116-100R
(VERDICT) 	.605"	M1.7 X 0.35	T8 52-560-005	.015" .031" 1mm .062" 2mm .100"	117-015 117-031 117-040 117-062 117-080 117-100	117-015R 117-031R 117-040R 117-062R 117-080R 117-100R
(VERDICT) 	.674"	M1.7 X 0.35	T15	.015" .031" 1mm .062" 2mm .100"	118-015 118-031 118-040 118-062 118-080 118-100	118-015R 118-031R 118-040R 118-062R 118-080R 118-100R
(VERDICT) 	.860"	M1.7 X 0.35	T6	.015" .031" 1mm .062" 2mm .100"	139-015 139-031 139-040 139-062 139-080 139-100	139-015R 139-031R 139-040R 139-062R 139-080R 139-100R
	2.890"	M1.7 X 0.35	52-555-022, 023	.015" .031" 1mm .062" 2mm .100"	158-015 158-031 158-040 158-062 158-080 158-100	158-015R 158-031R 158-040R 158-062R 158-080R 158-100R
(ULTRA - TAST) 	.516"	M1.6 X 0.35	52-568-005, 006, 010, 011, 015, 016, 020	.015" .031" 1mm .062" 2mm .100"	143-015 143-031 143-040 143-062 143-080 143-100	143-015R 143-031R 143-040R 143-062R 143-080R 143-100R
(ULTRA - TAST) 	.545"	M1.6 X 0.35	52-568-021	.015" .031" 1mm .062" 2mm .100"	159-015 159-031 159-040 159-062 159-080 159-100	159-015R 159-031R 159-040R 159-062R 159-080R 159-100R
(ULTRA - TAST) 	1.378"	M1.6 X 0.35	52-568-022	.015" .031" 1mm .062" 2mm .100"	160-015 160-031 160-040 160-062 160-080 160-100	160-015R 160-031R 160-040R 160-062R 160-080R 160-100R
(ULTRA - TAST) 	1.457"	M1.6 X 0.35	52-568-023	.015" .031" 1mm .062" 2mm .100"	161-015 161-031 161-040 161-062 161-080 161-100	161-015R 161-031R 161-040R 161-062R 161-080R 161-100R



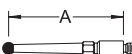
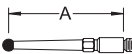
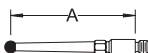
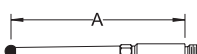
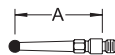
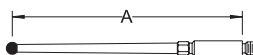
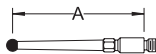
FOWLER	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
 (GIROD - TAST)	.480"	M1.6 X 0.35	52-562-252*, 253, 272, 273, 452*, 453, 473 52-563-252, 253, 272, 273, 452, 453, 473  FOR OLD STYLE INDICATORS WITH M1.6 THREADS * W/O REVOLUTION COUNTER	.015" .031" 1mm .062" 2mm .100"	138-015 138-031 138-040 138-062 138-080 138-100	138-015R 138-031R 138-040R 138-062R 138-080R 138-100R
 (GIROD - TAST)	.750"	M1.6 X 0.35	52-562-252 52-562-452  FOR INDICATORS WITH REVOLUTION COUNTER	.015" .031" 1mm .062" 2mm .100"	147-015 147-031 147-040 147-062 147-080 147-100	147-015R 147-031R 147-040R 147-062R 147-080R 147-100R
 (GIROD - TAST)	1.415"	M1.6 X 0.35	52-562-474 52-563-474  FOR OLD STYLE INDICATORS WITH M1.6 THREADS	.015" .031" 1mm .062" 2mm .100"	148-015 148-031 148-040 148-062 148-080 148-100	148-015R 148-031R 148-040R 148-062R 148-080R 148-100R
 (GIROD - TAST)	.494"	M1.4 X 0.3	52-562-253, 272, 273, 453, 473 52-563-252, 253, 272, 273, 452, 453, 473  FOR NEW STYLE INDICATORS WITH M1.4 THREADS	.015" .031" 1mm .062" 2mm .100"	108-015 108-031 108-040 108-062 108-080 108-100	108-015R 108-031R 108-040R 108-062R 108-080R 108-100R
 (GIROD - TAST)	.494"	M1.4 X 0.3	52-562-253, 272, 273, 453, 473 52-563-252, 253, 272, 273, 452, 453, 473  FOR NEW STYLE INDICATORS WITH M1.4 THREADS	.015" .031" .062"	108-015HP 108-031HP 108-062HP	108-015RHP 108-031RHP 108-062RHP
 (GIROD - TAST)	1.437"	M1.4 X 0.3	52-562-474 52-563-474  FOR NEW STYLE INDICATORS WITH M1.4 THREADS	.015" .031" 1mm .062" 2mm .100"	109-015 109-031 109-040 109-062 109-080 109-100	109-015R 109-031R 109-040R 109-062R 109-080R 109-100R

GEM	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.375"	Ratchet	222, 225, 250, 300, 325, 333, 334, 335	.015" .031" .062" .100"	119-015 119-031 119-062 119-100	119-015R 119-031R 119-062R 119-100R

INTERAPID	A (Length)	Thread SizePitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.688"	M1.7 X 0.35	310B-1, 310B-1V, 310B-2, 310B-2V, 310B-20, 310B- 20V, 311, 312B-1, 312B- 1V, 312B-2, 312B-2V, 312B-3, 312B-3V, 312B-4, 312B-20V, 312B-20	.015" .031" 1mm .062" 2mm .100"	120-015 120-031 120-040 120-062 120-080 120-100	120-015R 120-031R 120-040R 120-062R 120-080R 120-100R
 (HOOK POINT)	.688"	M1.7 X 0.35	310B-1, 310B-1V, 310B-2, 310B-2V, 310B-20, 310B- 20V, 311, 312B-1, 312B- 1V, 312B-2, 312B-2V, 312B-3, 312B-3V, 312B-4, 312B-20V, 312B-20	.015" .031" .062"	120-015HP 120-031HP 120-062HP	120-015RHP 120-031RHP 120-062RHP
	1.450"	M1.7 X 0.35	310B-L1 310B-L2	.015" .031" 1mm .062" 2mm .100"	121-015 121-031 121-040 121-062 121-080 121-100	121-015R 121-031R 121-040R 121-062R 121-080R 121-100R
	.827"	M1.7 X 0.35	310B-3 311B-3 REGULAR LENGTH	.015" .031" 1mm .062" 2mm .100"	129-015 129-031 129-040 129-062 129-080 129-100	129-015R 129-031R 129-040R 129-062R 129-080R 129-100R
	2.750"	M1.7 X 0.35	312B-15 312B-15V	.015" .031" 1mm .062" 2mm .100"	142-015 142-031 142-040 142-062 142-080 142-100	142-015R 142-031R 142-040R 142-062R 142-080R 142-100R
	1.750"	M1.7 X 0.35	310B-3 311B-3 LONG LENGTH	.015" .031" 1mm .062" 2mm .100"	149-015 149-031 149-040 149-062 149-080 149-100	149-015R 149-031R 149-040R 149-062R 149-080R 149-100R

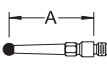
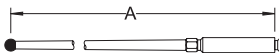
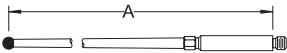

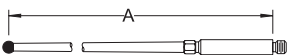
MAHR	A (Length)	Thread SizePitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	1.378"	M1.6 X 0.35	800SLZ	.015" .031" 1mm .062" 2mm .100"	160-015 160-031 160-040 160-062 160-080 160-100	160-015R 160-031R 160-040R 160-062R 160-080R 160-100R
	.516"	M1.6 X 0.35	800S, 800SG, 800SGI, 800SGZ, 800SM, 800SZ, 800SMZ, 800WZ, 801TH	.015" .031" 1mm .062" 2mm .100"	143-015 143-031 143-040 143-062 143-080 143-100	143-015R 143-031R 143-040R 143-062R 143-080R 143-100R
	1.457"	M1.6 X 0.35	800SL	.015" .031" 1mm .062" 2mm .100"	161-015 161-031 161-040 161-062 161-080 161-100	161-015R 161-031R 161-040R 161-062R 161-080R 161-100R
	.545"	M1.6 X 0.35	800W	.015" .031" 1mm .062" 2mm .100"	159-015 159-031 159-040 159-062 159-080 159-100	159-015R 159-031R 159-040R 159-062R 159-080R 159-100R

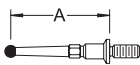


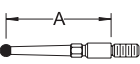
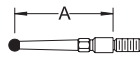
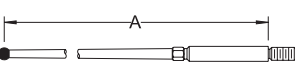
MITUTOYO	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.256"	M1.4 X 0.3	513-302, 304, 942, 944  513-202, 202N, 212, 212N, 213, 252, 253, 282, 902, 902N, 922, 922N FOR OLD STYLE INDICATORS WITH EXTENSION	.015" .031" 1mm .062" 2mm .100"	182-015 182-031 182-040 182-062 182-080 182-100	182-015R 182-031R 182-040R 182-062R 182-080R 182-100R
	.352"	M1.4 X 0.3	513-102	.015" .031" 1mm .062" 2mm .100"	124-015 124-031 124-040 124-062 124-080 124-100	124-015R 124-031R 124-040R 124-062R 124-080R 124-100R
	.598"	M1.4 X 0.3	513-104, 104-1  FOR OLD STYLE INDICATORS	.015" .031" 1mm .062" 2mm .100"	125-015 125-031 125-040 125-062 125-080 125-100	125-015R 125-031R 125-040R 125-062R 125-080R 125-100R
	.598"	M1.7 X 0.35	513-104, 104-1, 128, 128-1  FOR NEW STYLE INDICATORS	.015" .031" 1mm .062" 2mm .100"	157-015 157-031 157-040 157-062 157-080 157-100	157-015R 157-031R 157-040R 157-062R 157-080R 157-100R
	.649"	M1.7 X 0.35	513-206, 242, 252, 262, 402, 402T, 406, 406T, 442, 442T, 442-01, 442T- 01, 442-06, 442T-06, 452, 452T, 462, 906, 952, 982  513-202, 202N, 282, 902, 902N FOR NEW STYLE INDICATORS	.015" .031" 1mm .062" 2mm .100"	126-015 126-031 126-040 126-062 126-080 126-100	126-015R 126-031R 126-040R 126-062R 126-080R 126-100R
	.906"	M1.7 X 0.35	513-118, 118-1  FOR NEW STYLE INDICATORS	.015" .031" 1mm .062" 2mm .100"	128-015 128-031 128-040 128-062 128-080 128-100	128-015R 128-031R 128-040R 128-062R 128-080R 128-100R
	.455"	M1.7 X 0.35	513-203, 203N, 223, 243, 403, 403T, 443, 443-06, 443T, 443T-06, 453, 453T, 463, 903, 953  513-253 FOR NEW STYLE INDICATORS	.015" .031" 1mm .062" 2mm .100"	140-015 140-031 140-040 140-062 140-080 140-100	140-015R 140-031R 140-040R 140-062R 140-080R 140-100R
	1.198"	M1.7 X 0.35	513-412, 412T, 446, 446T, 446-06, 446T-06  513-212, 212N, 922, 922N FOR NEW STYLE INDICATORS	.015" .031" 1mm .062" 2mm .100"	141-015 141-031 141-040 141-062 141-080 141-100	141-015R 141-031R 141-040R 141-062R 141-080R 141-100R
	.685"	M1.7 X 0.35	513-117, 117H, 204FE, 204N, 404E, 404T, 454T, 904, 904F, 954F, 984F	.015" .031" 1mm .062" 2mm .100"	166-015 166-031 166-040 166-062 166-080 166-100	166-015R 166-031R 166-040R 166-062R 166-080R 166-100R



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

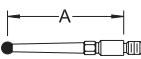


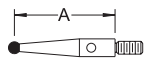
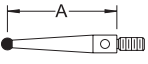
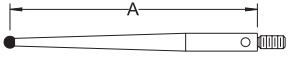
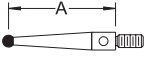
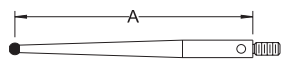
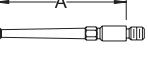
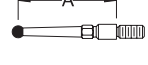
MITUTOYO Continued	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.441"	M1.7 X 0.35	513-103, 103H, 115, 127, 127H, 205FE, 205N, 255FA, 405E, 405T, 455T, 905F, 955F	.015" .031" 1mm .062" 2mm .100"	167-015 167-031 167-040 167-062 167-080 167-100	167-015R 167-031R 167-040R 167-062R 167-080R 167-100R
	1.335"	M1.7 X 0.35	513-112, 112-1	.015" .031" 1mm .062" 2mm .100"	168-015 168-031 168-040 168-062 168-080 168-100	168-015R 168-031R 168-040R 168-062R 168-080R 168-100R
	1.614"	M1.7 X 0.35	513-115, 115H, 415E, 415T	.015" .031" 1mm .062" 2mm .100"	169-015 169-031 169-040 169-062 169-080 169-100	169-015R 169-031R 169-040R 169-062R 169-080R 169-100R
	.335"	M1.7 X 0.35	513-101, 101H	.015" .031" 1mm .062" 2mm .100"	180-015 180-031 180-040 180-062 180-080 180-100	180-015R 180-031R 180-040R 180-062R 180-080R 180-100R
	1.311"	M1.7 X 0.35	513-414E, 414T, 924F	.015" .031" 1mm .062" 2mm .100"	181-015 181-031 181-040 181-062 181-080 181-100	181-015R 181-031R 181-040R 181-062R 181-080R 181-100R


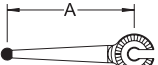
MUELLER	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.515"	M1.7 X 0.35	G301, G301K, G302, G303, G304, G306, G306K, G307, G308, G309	.015" .031" 1mm .062" 2mm .100"	123-015 123-031 123-040 123-062 123-080 123-100	123-015R 123-031R 123-040R 123-062R 123-080R 123-100R

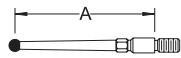
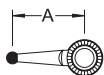

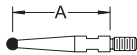
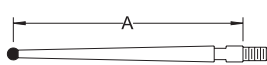
PARVUS-COMPAC	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.547"	M1.7 X 0.35	V3 P3G V3G P3GA	.015" .031" 1mm .062" 2mm .100"	102-015 102-031 102-040 102-062 102-080 102-100	102-015R 102-031R 102-040R 102-062R 102-080R 102-100R
	.512"	M1.7 X 0.35	V2 P2G V2G P2GA	.015" .031" 1mm .062" 2mm .100"	103-015 103-031 103-040 103-062 103-080 103-100	103-015R 103-031R 103-040R 103-062R 103-080R 103-100R
	1.500"	M1.7 X 0.35	V2GL P2GLA	.015" .031" 1mm .062" 2mm .100"	104-015 104-031 104-040 104-062 104-080 104-100	104-015R 104-031R 104-040R 104-062R 104-080R 104-100R


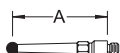
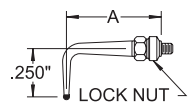
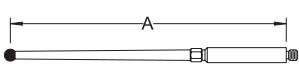
PEACOCK	A (Length)	Thread SizePitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.649"	M1.7 X 0.35	20-400	.015" .031" 1mm .062" 2mm .100"	126-015 126-031 126-040 126-062 126-080 126-100	126-015R 126-031R 126-040R 126-062R 126-080R 126-100R
	.375"	M1.7 X 0.35	20-406-6	.015" .031" 1mm .062" 2mm .100"	153-015 153-031 153-040 153-062 153-080 153-100	153-015R 153-031R 153-040R 153-062R 153-080R 153-100R

SCHERR-TUMICO	A (Length)	Thread SizePitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.306"	Ratchet	F1 F2 F5	.015" .031" .062" .100"	113-015 113-031 113-062 113-100	113-015R 113-031R 113-062R 113-100R
	.250"	M1.7 X 0.35	FX1 FX13 FX15	.015" .031" 1mm .062" 2mm .100"	115-015 115-031 115-040 115-062 115-080 115-100	115-015R 115-031R 115-040R 115-062R 115-080R 115-100R
	.605"	M1.7 X 0.35	FX11	.015" .031" 1mm .062" 2mm .100"	117-015 117-031 117-040 117-062 117-080 117-100	117-015R 117-031R 117-040R 117-062R 117-080R 117-100R

SPI	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.528"	M1.6 X 0.35	20-051-9 20-053-5	.015" .031" 1mm .062" 2mm .100"	137-015 137-031 137-040 137-062 137-080 137-100	137-015R 137-031R 137-040R 137-062R 137-080R 137-100R
	.573"	M1.6 X 0.35	20-160-8, 20-164-0, 20-052-7, 20-054-3, 20-055-0, 20-140-0, 20-141-8, 20-144-2, 20-145-9, 20-150-9, 20-151-7, 20-154-1, 20-155-8	.015" .031" 1mm .062" 2mm .100"	135-015 135-031 135-040 135-062 135-080 135-100	135-015R 135-031R 135-040R 135-062R 135-080R 135-100R
	1.293"	M1.6 X 0.35	20-142-6, 20-143-4, 20-152-5, 20-153-3, 20-162-4	.015" .031" 1mm .062" 2mm .100"	136-015 136-031 136-040 136-062 136-080 136-100	136-015R 136-031R 136-040R 136-062R 136-080R 136-100R
	.561"	M1.6 X 0.35	21-140-9, 21-145-8	.015" .031" 1mm .062" 2mm .100"	162-015 162-031 162-040 162-062 162-080 162-100	162-015R 162-031R 162-040R 162-062R 162-080R 162-100R
	1.269"	M1.6 X 0.35	21-153-2	.015" .031" 1mm .062" 2mm .100"	163-015 163-031 163-040 163-062 163-080 163-100	163-015R 163-031R 163-040R 163-062R 163-080R 163-100R
	.674"	M1.7 X 0.35	24-400-4 24-402-0	.015" .031" 1mm .062" 2mm .100"	118-015 118-031 118-040 118-062 118-080 118-100	118-015R 118-031R 118-040R 118-062R 118-080R 118-100R
	.512"	M1.7 X 0.35	24-401-2	.015" .031" 1mm .062" 2mm .100"	103-015 103-031 103-040 103-062 103-080 103-100	103-015R 103-031R 103-040R 103-062R 103-080R 103-100R

STANDARD GAGE	A (Length)	Thread Size\Pitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.331"	Ratchet	24N, 25N, 27N, 28N, 34N	.015" .031" .062" .100"	110-015 110-031 110-062 110-100	110-015R 110-031R 110-062R 110-100R
	.662"	Ratchet	21N, 22N, 25NL, 26N, 32N	.015" .031" .062" .100"	127-015 127-031 127-062 127-100	127-015R 127-031R 127-062R 127-100R

STARRET-LASTWORD	A (Length)	Thread SizePitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.728"	1-64	708 709	.015" .031" 1mm .062" 2mm .100"	165-015 165-031 165-040 165-062 165-080 165-100	165-015R 165-031R 165-040R 165-062R 165-080R 165-100R
	.375"	Ratchet	711 SERIES LASTWORD	.015" .031" .062" .100"	122-015 122-031 122-062 122-100	122-015R 122-031R 122-062R 122-100R
	.495"	1-64	711-T	.015" .031" 1mm .062" 2mm .100"	134-015 134-031 134-040 134-062 134-080 134-100	134-015R 134-031R 134-040R 134-062R 134-080R 134-100R
	.515"	1-64	811 Short	.015" .031" 1mm .062" 2mm .100"	144-015 144-031 144-040 144-062 144-080 144-100	144-015R 144-031R 144-040R 144-062R 144-080R 144-100R
	1.196"	1-64	811 Long	.015" .031" 1mm .062" 2mm .100"	154-015 154-031 154-040 154-062 154-080 154-100	154-015R 154-031R 154-040R 154-062R 154-080R 154-100R

TESA	A (Length)	Thread SizePitch	Model Number	Ball Dia.	T.C. Ball Order No.	Ruby Ball Order No.
	.245"	M1.4 X 0.3	20-202	.015" .031" 1mm .062" 2mm .100"	107-015 107-031 107-040 107-062 107-080 107-100	107-015R 107-031R 107-040R 107-062R 107-080R 107-100R
	.494"	M1.4 X 0.3	18.10005, 18.10006, 18.10009, 18.10010, 18.10011, 18.10013, 18.10204, 18.10304, 18.20006, 18.20007, 18.20010, 18.20011, 18.20012, 18.20013, 18.20014, 18.20015, 18.20204, 18.20304	.015" .031" 1mm .062" 2mm .100"	108-015 108-031 108-040 108-062 108-080 108-100	108-015R 108-031R 108-040R 108-062R 108-080R 108-100R
 (HOOK POINT)	.494"	M1.4 X 0.3	18.10005, 18.10006, 18.10009, 18.10010, 18.10011, 18.10013, 18.10204, 18.10304, 18.20006, 18.20007, 18.20010, 18.20011, 18.20012, 18.20013, 18.20014, 18.20015, 18.20204, 18.20304	.015" .031" .062"	108-015HP 108-031HP 108-062HP	108-015RHP 108-031RHP 108-062RHP
	1.437"	M1.4 X 0.3	18.10007, 18.10008, 18.10012, 18.10205, 18.20008, 18.20009, 18.20016, 18.20205	.015" .031" 1mm .062" 2mm .100"	109-015 109-031 109-040 109-062 109-080 109-100	109-015R 109-031R 109-040R 109-062R 109-080R 109-100R