				REV	ECO NO.	EC	CO TITLE		DATE
AL: STAINLESS STEEL 440C	ILESS STEEL 440C, HARDENED TO Rc 58 MIN								//
AL. STAINLESS STEEL 440C	, HARDEI					- Ø "A"			
		HEIGHT "B" 							
PART		DIAMETER "A"	SHPERICITY		SURFACE DUGHNESS MAX	HEIGHT "B"	r		
NUMBER		"A" 0.1875 ± 0.0001	0.000010		DUGHNESS	"B"	.002		
	in mm	"A" 0.1875 ± 0.0001 4.76 ± 0.003	0.000010		OUGHNESS	"B" Ra 0.125 ± 0.1 3.18 ± 0.1	.002 05		
NUMBER	in mm in	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001	0.000010 0.00025 0.000010	r RC 7 M	DUGHNESS	"B" 0.125 ± 0. 3.18 ± 0. 0.167 ± 0.	002 05 002		
NUMBER 187-TB 250-TB	in mm in mm	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003	0.000010 0.00025 0.000010 0.00025	r RC 7 M 7 M	DUGHNESS MAX Aicro Inch F Aicro Inch F	$Ra = \frac{0.125 \pm 0.1}{3.18 \pm 0.1}$ $Ra = \frac{0.167 \pm 0.1}{4.24 \pm 0.1}$ $Ra = \frac{0.208 \pm 0.1}{4.24 \pm 0.1}$	002 05 002 05		
NUMBER 187-TB	in mm in	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003 0.3125 ± 0.0001	0.000010 0.00025 0.000010 0.00025	r RC 7 M 7 M	DUGHNESS MAX Aicro Inch F	$Ra = \frac{0.125 \pm 0.1}{3.18 \pm 0.1}$ $Ra = \frac{0.167 \pm 0.1}{4.24 \pm 0.1}$ $Ra = \frac{0.208 \pm 0.1}{4.24 \pm 0.1}$	002 05 002 05 05 002		
NUMBER 187-TB 250-TB 312-TB	in mm in mm in	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003	0.000010 0.00025 0.000010 0.00025 0.000010 0.00025	r RC 7 M 7 M 7 M	Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F	$Ra = \frac{0.125 \pm 0.1}{3.18 \pm 0.1}$ $Ra = \frac{0.167 \pm 0.1}{4.24 \pm 0.1}$ $Ra = \frac{0.208 \pm 0.1}{5.28 \pm 0.1}$ $Ra = \frac{0.200 \pm 0.1}{5.20 \pm 0.1}$	002 05 002 05 002 05 05		
NUMBER 187-TB 250-TB	in mm in mm in mm	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003 0.3125 ± 0.0001 7.94 ± 0.003 0.3750 ± 0.0001 9.53 ± 0.003	0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025	r RC 7 M 7 M 7 M	DUGHNESS MAX Aicro Inch F Aicro Inch F	$\begin{array}{c} & & & & \\ & & & \\ \hline & \\ \hline & \\ \hline \hline & \\ \hline \hline & \\ \hline & \\ \hline \hline & \\ \hline & \\ \hline \hline & \\ \hline \hline \\ \hline & \\ \hline \hline \\ \hline & \\ \hline \hline \hline \hline \hline \hline \\ \hline \hline \hline \hline \hline \\ \hline \hline$	002 05 002 05 002 05 002 05 002 05		
NUMBER 187-TB 250-TB 312-TB 375-TB	in mm in mm in mm in	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003 0.3125 ± 0.0001 7.94 ± 0.003 0.3750 ± 0.0001 9.53 ± 0.003 0.5000 ± 0.0001	0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010	(RC 7 M 7 M 7 M	Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F	$\begin{array}{c} \textbf{B}^{\text{T}} \\ \textbf{B}^{T$	002 05 002 05 002 05 002 05 002 05 002		
NUMBER 187-TB 250-TB 312-TB	in mm in mm in mm in mm	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003 0.3125 ± 0.003 0.3125 ± 0.003 0.3750 ± 0.0001 9.53 ± 0.003 0.5000 ± 0.0001 12.70 ± 0.003	0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025	(RC 7 M 7 M 7 M	Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F	$\begin{array}{c} \textbf{B}^{T} \\ \textbf{B}$	002 05 002 05 002 05 002 05 002 05 002 05		
NUMBER 187-TB 250-TB 312-TB 375-TB	in mm in mm in in mm in mm in in	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003 0.3125 ± 0.003 0.3125 ± 0.0001 7.94 ± 0.003 0.3750 ± 0.0001 9.53 ± 0.003 0.5000 ± 0.0001 12.70 ± 0.003 0.7500 ± 0.0001	0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010	 RC .7 N .7 N .7 N .7 N .7 N 	Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F	$\begin{array}{c} \textbf{B}^{\text{T}} \\ \textbf{B}^{T$	002 05 002 05 002 05 002 05 002 05 002 05 002		
NUMBER 187-TB 250-TB 312-TB 375-TB 500-TB	in mm in mm in mm in mm in mm	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003 0.3125 ± 0.0001 7.94 ± 0.003 0.3750 ± 0.0001 9.53 ± 0.003 0.5000 ± 0.0001 12.70 ± 0.003 0.7500 ± 0.0001 19.05 ± 0.003	0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025	 RC .7 N .7 N .7 N .7 N .7 N 	Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F	$\begin{array}{c} \textbf{B}^{\text{T}} \\ \textbf{B}^{T$	002 05 002 05 002 05 002 05 002 05 002 05 002 05		
NUMBER 187-TB 250-TB 312-TB 375-TB 500-TB	in mm in mm in mm in mm in mm in mm	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003 0.3125 ± 0.0001 7.94 ± 0.003 0.3750 ± 0.0001 9.53 ± 0.003 0.5000 ± 0.0001 12.70 ± 0.003 0.7500 ± 0.0001 19.05 ± 0.003 1.0000 ± 0.0001	0.000010 0.00025 0.00025 0.00025 0.00025 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010	 RC .7 N 	Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F	$\begin{array}{c} \textbf{B}^{\text{T}} \\ \textbf{B}^{T$	002 05 002 05 002 05 002 05 002 05 002 05 002 05 002		
NUMBER 187-TB 250-TB 312-TB 375-TB 500-TB 750-TB	in mm in mm in mm in mm in mm	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003 0.3125 ± 0.0001 7.94 ± 0.003 0.3750 ± 0.0001 9.53 ± 0.003 0.5000 ± 0.0001 12.70 ± 0.003 0.7500 ± 0.0001 19.05 ± 0.003	0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025	 RC .7 N 	Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F	$\begin{array}{c} \textbf{B}^{\text{T}} \\ \textbf{B}^{T$	002 05 002 05 002 05 002 05 002 05 002 05 002 05 002		
NUMBER 187-TB 250-TB 312-TB 375-TB 500-TB 750-TB	in mm in mm in mm in mm in mm in mm	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003 0.3125 ± 0.0001 7.94 ± 0.003 0.3750 ± 0.0001 9.53 ± 0.003 0.5000 ± 0.0001 12.70 ± 0.003 0.7500 ± 0.0001 19.05 ± 0.003 1.0000 ± 0.0001 25.40 ± 0.003	0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025	 RC .7 N 	Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F	$\begin{array}{c} \textbf{B}^{\text{T}} \\ \textbf{B}^{T$	002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05		
NUMBER 187-TB 250-TB 312-TB 375-TB 500-TB 750-TB 100-TB	in mm in mm in mm in mm in mm in mm	 "A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003 0.3125 ± 0.003 0.3750 ± 0.0001 9.53 ± 0.003 0.5000 ± 0.0001 12.70 ± 0.003 0.7500 ± 0.0001 19.05 ± 0.003 1.0000 ± 0.0001 25.40 ± 0.003 DN 	0.000010 0.00025 0.00025 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025	 RC .7 N 	Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F	$Ra = \frac{0.125 \pm 0.1}{3.18 \pm 0.1}$ $Ra = \frac{0.167 \pm 0.1}{4.24 \pm 0.1}$ $Ra = \frac{0.208 \pm 0.1}{5.28 \pm 0.1}$ $Ra = \frac{0.250 \pm 0.1}{6.35 \pm 0.1}$ $Ra = \frac{0.334 \pm 0.1}{8.48 \pm 0.1}$ $Ra = \frac{0.500 \pm 0.1}{12.70 \pm 0.1}$ $Ra = \frac{0.750 \pm 0.1}{19.05 \pm 0.1}$ $Ra = \frac{0.750 \pm 0.1}{19.05 \pm 0.1}$	002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05		
NUMBER 187-TB 250-TB 312-TB 375-TB 500-TB 750-TB 100-TB PROPRIETARY THE INFORMATION	in mm in mm in mm in mm in mm in mm	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003 0.3125 ± 0.0001 7.94 ± 0.003 0.3750 ± 0.0001 9.53 ± 0.003 0.5000 ± 0.0001 12.70 ± 0.003 0.7500 ± 0.0001 19.05 ± 0.003 1.0000 ± 0.0001 25.40 ± 0.003 DM UNLESS OTHERW DIMENSIONS AR	0.000010 0.00025 0.00025 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.000010 0.00025 0.000010 0.000010 0.00025 0.000010 0.000010 0.000025 0.000010 0.000025 0.000010 0.000025 0.000010 0.000025 0.000025	 RC .7 N 	Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F	$ \begin{array}{c} B'' \\ Ba \\ Ca \\ C$	002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05	AVE	
NUMBER 187-TB 250-TB 312-TB 375-TB 500-TB 750-TB 100-TB 100-TB PROPRIETARY THE INFORMATION THIS DRAWING IS OF MICRO SURFAC	in mm in mm in mm in mm in mm in mm	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003 0.3125 ± 0.0001 7.94 ± 0.003 0.3750 ± 0.0001 9.53 ± 0.003 0.5000 ± 0.0001 12.70 ± 0.003 0.7500 ± 0.0001 19.05 ± 0.003 1.0000 ± 0.0001 25.40 ± 0.003 DM UNLESS OTHERW DIMENSIONS AR	0.000010 0.00025 0.00025 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.000010 0.00025 0.000010 0.000010 0.00025 0.000010 0.000010 0.000025 0.000010 0.000025 0.000010 0.000025 0.000010 0.000025 0.000025	 RC .7 N 	Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F Aicro Inch F	$Ra = \frac{0.125 \pm 0.1}{3.18 \pm 0.1}$ $Ra = \frac{0.167 \pm 0.1}{4.24 \pm 0.1}$ $Ra = \frac{0.208 \pm 0.1}{5.28 \pm 0.1}$ $Ra = \frac{0.250 \pm 0.1}{6.35 \pm 0.1}$ $Ra = \frac{0.334 \pm 0.1}{8.48 \pm 0.1}$ $Ra = \frac{0.500 \pm 0.1}{12.70 \pm 0.1}$ $Ra = \frac{0.750 \pm 0.1}{19.05 \pm 0.1}$ $Ra = \frac{0.750 \pm 0.1}{19.05 \pm 0.1}$	002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05 002 05	AVE	REV
NUMBER 187-TB 250-TB 312-TB 375-TB 500-TB 750-TB 100-TB PROPRIETARY THE INFORMATION THIS DRAWING IS TO	in mm in mm in mm in mm in mm in mm	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003 0.3125 ± 0.0001 7.94 ± 0.003 0.3750 ± 0.0001 9.53 ± 0.003 0.5000 ± 0.0001 12.70 ± 0.003 0.7500 ± 0.0001 19.05 ± 0.003 1.0000 ± 0.0001 25.40 ± 0.003 DIMENSIONS AR DIMENSIONS AR DIMENSIONS AR DIMENSIONS AR TOLERANCES: AND UNLESS OTHERW DIMENSIONS AR TOLERANCES: AND	0.000010 0.00025 0.00025 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.000010 0.00025 0.000010 0.000010 0.00025 0.000010 0.000010 0.000025 0.000010 0.000025 0.000010 0.000025 0.000010 0.000025 0.000025	 RC .7 N 	Aicro Inch F Aicro Inch F	$Ra = \frac{0.125 \pm 0.1}{3.18 \pm 0.1}$ $Ra = \frac{0.167 \pm 0.1}{4.24 \pm 0.1}$ $Ra = \frac{0.208 \pm 0.1}{5.28 \pm 0.1}$ $Ra = \frac{0.250 \pm 0.1}{6.35 \pm 0.1}$ $Ra = \frac{0.334 \pm 0.1}{8.48 \pm 0.1}$ $Ra = \frac{0.500 \pm 0.1}{12.70 \pm 0.1}$ $Ra = \frac{0.750 \pm 0.1}{19.05 \pm 0.1}$ $Ra = \frac{1550 \text{ E. S}}{\text{LOS ANGE}}$	002 05 05 002 05 05 002 05 05 002 05 05 05 05 05 05 05 05 05 05 05 05 05	AVE 90011 SEE TABLE	02
NUMBER 187-TB 250-TB 312-TB 375-TB 500-TB 750-TB 100-TB 100-TB PROPRIETARY THE INFORMATION THIS DRAWING IS T OF MICRO SURFAC IS FURNISHED FOR	in mm in mm in mm in mm in mm in mm	"A" 0.1875 ± 0.0001 4.76 ± 0.003 0.2500 ± 0.0001 6.35 ± 0.003 0.3125 ± 0.0001 7.94 ± 0.003 0.3750 ± 0.0001 9.53 ± 0.003 0.5000 ± 0.0001 12.70 ± 0.003 0.7500 ± 0.0001 19.05 ± 0.003 0.7500 ± 0.0001 19.05 ± 0.003 0.7500 ± 0.0001 19.05 ± 0.003 1.0000 ± 0.0001 25.40 ± 0.003 DIMENSIONS AR TOLERANCES: ANGULAR: 1° TWO PLACE DEVIDINAL INTERPRET GEOU	0.000010 0.00025 0.00025 0.00025 0.00025 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000010 0.00025 0.000025 0.000025 0.000025 0.000025 0.000025 0.000025 0.000025 0.00025 0.00025	C RC .7 M 	Aicro Inch F Aicro Inch F	B 0.125 ± 0.1 3.18 ± 0.1 3.18 ± 0.1 3.18 ± 0.1 4.24 ± 0.1 5.28 ± 0.1 5.28 ± 0.1 6.35 ± 0.1 6.35 ± 0.1 6.35 ± 0.1 8.48 ± 0.1 0.500 ± 0.1 12.70 ± 0.1 12.70 ± 0.1 19.05 ± 0.1 1550 E. SI LOS ANGE TITLE ATED BALL DWN BY	002 05 05 002 05 05 002 05 05 002 05 05 05 05 05 05 05 05 05 05 05 05 05	AVE 90011 NUMBER SEE TABLE SIZE SCALE	