



# DelTech Controls, L.L.C

Technical Data Sheet

METAL SPECIFICATION CHART

T.D.S NO – 60/61/62/63-100/ R0

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## METAL SPECIFICATIONS FOR BALL VALVES

Parts	Material Description	Specification	Chemical Composition (%)						Tensile strength (PSI/Mpa)	Yield strength (PSI/Mpa)	Elongation (%)	
			Carbon	Chromium	Copper	Manganese	Molybdenum	Nickel				Silicon
Body/End Conn./Ball	Carbon Steel	ASTM A 216 WCB	0.3	0.5	0.3	1	0.2	0.5	0.6	70325 / 485	36250/250	22
Body/End Conn./Ball	Stainless Steel	ASTM A 351 CF8	0.08	18	-	1.5	0.5	10	2	70000/485	30000 / 205	35
Body/End Conn./Ball	Stainless Steel	ASTM A 351 CF8M	0.08	18	-	1.5	2.5	10	1.5	70000/485	30000 / 205	30
Body/End Conn./Ball	Stainless Steel	ASTM A 351 CF3	0.03	19	-	1.5	10	0.5	2	70000/485	30000 / 205	35
Body/End Conn./Ball	Stainless Steel	ASTM A 351 CF3M	0.03	19	-	1.5	2.5	10	1.5	70000/485	30000 / 205	30
Body/End Conn./Ball	Stainless Steel	ASTM A 352 LCB	0.3	0.5	0.3	1	0.2	0.5	0.6	70325/485	35000 / 240	24
Ball / Stem / Gland	Stainless Steel	ASTM A 479 Type 304	0.08	19	-	2		9	1	75000/515	30000 / 205	30
Ball / Stem / Gland	Stainless Steel	ASTM A 479 Type 316	0.08	17	-	2	2.5	12	1	75000/515	30000 / 205	30
Ball / Stem / Gland	Stainless Steel	ASTM A 479 Type 304L	0.03	18	-	2		9	1	70000/485	25000 / 170	30
Ball / Stem / Gland	Stainless Steel	ASTM A 479 Type 316L	0.03	17	-	2	2	12	1	70000/485	25000 / 170	30

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