



**SIDE POCKET MANDRELS
TECHNICAL DATA**

Tubing Size		Mandrel Pocket I.D.		Mandrel Body Design	Mandrel Series		Major O.D.		Minor O.D.		Drift		Rated Test Pressures								Latch Type	Kickover Tool										
													Standard Service				Sour Service															
in.	mm	in.	mm	Mandrel Type	Assembly Number	in.	mm	in.	mm	in.	mm	psi	bars	psi	bars	psi	bars	psi	bars													
2.375	60.3	1.000	25.4	Oval	SPMO-1.0M	1-110121-X0-XXX	4.250	108	2.910	73.9	1.901	48.3	8,000	551.5	6,000	413.7	6,000	413.7	4,000	275.8	BK-2 BEK-2 INTEGRAL	OK-1 MERLA KOT-1										
					SPM-1.0M	1-111121-X0-XXX													5,000	344.7												
					SPMO-1.0F	1-110111-X0-XXX													4,000	275.8												
					SPMO-1.0M-CI	1-110125-X0-XXX													5,000	344.7												
					SPMO-1.0F-CI	1-110115-X0-XXX													5,000	344.7												
		1.500	38.1	Oval	SPMO-1.0R	1-110251-X0-XXX	4.125	104.8	N/A	N/A	11,500	792.9	11,500	792.9	9,500	655.0	9,500	655.0	4,000	275.8	RK RKP	OM-1 KOT-2										
					SPMO-1.0R	1-110271-X0-XXX	4.500	114.3											5,000	344.7												
					SPMO-1.0R	1-110221-X0-XXX	3.850	97.8											13,500	930.2			13,500	930.2	12,000	827.4	11,000	758.4				
					SPM-1.0R	1-111211-X0-XXX	3.750	95.3											6,000	413.7			3,600	248.2	5,000	344.7	3,300	227.5				
					SPM-1.5M	1-211121-X0-XXX	4.750	120.7											6,000	413.7			4,750	327.5	5,000	344.7	4,000	275.8				
2.875	73.0	1.000	25.4	Oval	SPMO-1.0M	1-120121-X0-XXX	4.750	120.7	4.000	101.6	2.347	59.6	8,000	551.5	6,000	413.7	6,000	413.7	4,000	275.8	BK-2 BEK-2 INTEGRAL	OK-1 MERLA KOT-1										
					SPM-1.0M	1-121121-X0-XXX													5,000	344.7												
					SPMO-1.0F	1-120111-X0-XXX													4,000	275.8												
					SPMO-1.0M-CI	1-120125-X0-XXX													5,000	344.7												
					SPMO-1.0F-CI	1-120115-X0-XXX													5,000	344.7												
		1.500	38.1	Oval	SPMO-1.0R	1-120261-X0-XXX	5.000	127.0	N/A	N/A	13,500	930.8	13,500	930.8	12,000	827.4	11,000	758.4	4,000	275.8	RK RKP	OM-1 KOT-2										
					SPMO-1.0R	1-120251-X0-XXX	4.750	120.7											5,000	344.7												
					SPMO-1.0R-CI	1-120255-X0-XXX	5.250	133.4											11,000	758.4			9,000	620.5	9,000	620.5	7,500	517.1				
					SPMO-1.0R	1-120231-X0-XXX	4.500	114.3											11,000	758.4			9,000	620.5	9,000	620.5	8,000	551.5				
					SPMO-1.5M	1-220121-X0-XXX	5.500	139.7											9,700	668.8			6,300	434.4	7,800	537.8	5,500	379.2				
3.500	88.9	1.000	25.4	Oval	SPMO-1.0M	1-130121-X0-XXX	5.313	135.0	4.125	104.8	2.867	72.7	8,000	551.5	6,000	413.7	6,000	413.7	4,000	275.8	BK-2 BEK-2 INTEGRAL	OK-1 MERLA KOT-1										
					SPM-1.0M	1-131121-X0-XXX													7,000	482.6			5,500	379.2	6,000	413.7	4,500	310.3				
					SPMO-1.0F	1-130111-X0-XXX													8,000	517.1			6,000	413.7	4,500	310.3	4,000	275.8				
					SPMO-1.0M-CI	1-130125-X0-XXX													7,000	482.6			5,500	379.2	4,500	310.3	4,500	310.3				
					SPMO-1.0F-CI	1-130115-X0-XXX													7,000	482.6			5,500	379.2	4,500	310.3	4,500	310.3				
		1.500	38.1	Oval	SPMO-1.0R	1-130261-X0-XXX	5.750	146.1	N/A	N/A	13,500	930.8	13,500	930.8	12,000	827.4	11,000	758.4	4,000	275.8	RK RKP	OM-1 KOT-2										
					SPMO-1.0R	1-130251-X0-XXX	5.500	139.7											5,000	344.7												
					SPMO-1.0R-CI	1-130255-X0-XXX	6.000	152.4											11,000	758.4			9,000	620.5	9,000	620.5	8,000	551.5				
					SPMO-1.5M	1-230121-X0-XXX	5.968	151.6											8,000	551.5			6,000	413.7	6,000	413.7	4,000	275.8				
					SPM-1.5M	1-231121-X0-XXX	5.968	150.8											6,500	448.2			7,000	482.6	5,500	379.2	5,000	344.7				
4.500	114.3	1.000	25.4	Oval	SPMO-1.0M	1-140121-X0-XXX	6.437	163.5	5.500	139.7	3.833	97.4	7,500	517.1	6,000	413.7	6,000	413.7	4,000	275.8	BK-2 BEK-2 INTEGRAL	OK-1 MERLA KOT-1										
					SPM-1.0M	1-140111-X0-XXX													7,000	482.6			5,000	344.7	6,000	413.7	4,000	275.8				
					SPMO-1.0F	1-140111-X0-XXX													6,437	163.5			12,000	827.4	10,000	689.5	9,500	655.0	8,500	586.1		
					SPMO-1.0R	1-140251-X0-XXX													6.625	168.3			N/A	N/A	10,000	689.5	8,500	586.1	9,000	620.5	8,000	551.5
					SPMO-1.0R	1-140231-X0-XXX													6.375	161.9			N/A	N/A	8,000	551.5	5,500	379.2	6,000	413.7	5,000	344.7
		1.500	38.1	Oval	SPMO-1.0R	1-140211-X0-XXX	5.984	152.0	N/A	N/A	9,000	620.5	6,000	413.7	7,200	496.4	5,500	379.2	4,000	275.8	RK RKP	OM-1 KOT-2										
					SPMO-1.0R	1-140221-X0-XXX	6.125	155.6											9,000	620.5			6,000	413.7	7,200	496.4	5,500	379.2				
					SPMO-1.0R-CI	1-140225-X0-XXX	6.625	168.3											N/A	N/A			9,000	620.5	6,000	413.7	7,200	496.4	5,500	379.2		
					SPMO-1.5M	1-240121-X0-XXX	7.031	178.6											7,500	517.1			6,000	413.7	6,000	413.7	5,000	344.7				
					SPM-1.5M	1-240111-X0-XXX	7.031	178.6											11,500	792.9			11,500	723.9	9,000	620.5	9,000	620.5				
5.500	139.7	1.500	38.1	Oval	SPMO-1.5M	1-250121-X0-XXX	7.938	201.6	6.812	173	4.653	118.2	7,500	517.1	6,000	413.7	6,000	413.7	5,000	344.7	RK RKP	OM-1 KOT-2										
					SPMO-1.5F	1-250111-X0-XXX													8,500	586.1			7,000	482.6	6,500	448.2	5,500	379.2				
					SPMO-1.5R	1-250251-X0-XXX													7.740	196.6			10,000	689.5	9,000	620.5	8,500	586.1	7,500	517.1		
					SPMO-1.5RSB	1-250451-X0-XXX													7.740	196.6			10,750	741.2	9,100	627.4	9,000	620.5	7,800	537.8		
					SPMO-1.5R	1-250261-X0-XXX													7.875	200.0			10,000	689.5	9,000	620.5	8,500	586.1	7,500	517.1		
		1.500	38.1	Round	SPMO-1.5RSB	1-250461-X0-XXX	8.240	209.3	N/A	N/A	10,000	689.5	9,000	620.5	8,500	586.1	7,500	517.1	4,000	275.8	RK RKP	OM-1 KOT-2										
					SPMO-1.5R-CI	1-250255-X0-XXX	8.240	209.3											10,000	689.5			9,000	620.5	8,500	586.1	7,500	517.1				
					SPMO-1.5RSB-CI	1-250455-X0-XXX	8.375	212.3											10,750	741.2			9,100	627.4	9,000	620.5	7,800	537.8				
					SPMO-1.5R-CI	1-250265-X0-XXX	8.375	212.3											10,750	741.2			9,100	627.4	9,000	620.5	7,800	537.8				
					SPMO-1.5RSB-CI	1-250465-X0-XXX	8.375	212.3											10,750	741.2			9,100	627.4	9,000	620.5	7,800	537.8				