

SWABBING EQUIPMENT

SWAB CUP - COMPETITIVE COMPARISON CHART

Texas Products WSD is a manufacture, sales and service organization with a combined knowledge of over 150 years of expertise in the oilfield industry. We have agents, distributors and supply stores all over the world. Texas Products WSD manufactures all of our swab cups in our facility located in Arlington, Texas (USA) and offer the most complete line of competitivte, dependable products. Feel free to stop by anytime and take a tour of our facility.

TXPROD WSD	COMPETITOR'S SWAB CUPS - CASING					NOTES
	REGAL	GUIBERSON	OIL STATES	PETRO	OTHER	
TX-V	RV	V	SD	---	GEIGY, JET	LIGHT LOADS, WITH SOLIDS
---	BM	---	---	---	HSPC-MT	LIGHT LOADS, MISSION TYPE
TX-MV	BV	MV	SV	PS	---	LIGHT LOADS, WITH SAND
TX-MV	SK	MV	SV	PL	---	MEDIUM / LIGHT LOADS, WITH SAND
TX-TA	BX	TA	RTL	PM	HSPC-MT	MEDIUM LOADS
TX-NUF	LK	HPR	M	PH	HSPC-MT	HEAVY LOADS
TX-GW	PC-SC	GW	---	---	GLOBAL	LIGHT LOADS, WIRE CUP
TX-TUF	RV	J, UF, TUF	HL, HD	PW	HSPC-W	MEDIUM / HEAVY LOADS, WIRE CUP

TXPROD WSD	COMPETITOR'S SWAB CUPS - CASING					NOTES
	REGAL	GUIBERSON	OIL STATES	PETRO	OTHER	
TX-V	RV	V	SD	---	GEIGY, JET, HSPC-HV	LIGHT LOADS, WITH SOLIDS
---	SK	---	---	PS	---	MEDIUM / LIGHT LOADS, WITH SAND
TX-GW	PC-SC	GW	W		GLOBAL	LIGHT LOADS
---	BX	---	---	PM	---	MEDIUM LOADS
---	LK	---	---	PH	---	HEAVY LOADS
TX-J	R	J	---	PW	---	MEDIUM / HEAVY LOADS, WIRE CUP
TX-JS	R	JS	---	PW	---	MEDIUM / HEAVY LOADS, WIRE CUP



TEXAS PRODUCTS WSD SWAB CUPS

Below is Texas Products WSD complete line of swab cups. Our swab cups have proven their strength & durability in the field all over the world. Here you can find the best cup to perform any type of well servicing job.



TX-TA

The TX-TA is a medium-duty, all rubber, variable lip cup. The TX-TA is made from a slightly softer rubber for greater flexibility under lighter loads. The TX-TA can be run on any swab mandrel and is available with either a steel or an aluminum bushing in all popular sizes.



TX-GW

Introduced by Guiberson in 1940, the GW style swab cup has been perfected by Texas Products WSD. The TX-GW seals so well it has become the industry standard for total fluid removal. The TX-GW is a single lip cup, reinforced by molded-in steel spring wires, in tubing size cups. The TX-GW is ideal for getting the last drop out of the well and may be run on any swab mandrel.



TX-NUF

A dictionary defines enough as "sufficient; a necessary amount". That's the TX-NUF; it's sufficient for your swabbing job. The TX-NUF is a high performance, heavy-duty, all rubber cup. The unique design of the TX-NUF provides long life, maximum lift capacity, even under heavy loads and deep swabbing conditions, with a dynamic shape that falls very easily. The TX-NUF cup is made from the finest high strength, abrasion resistant, low friction rubber. The TX-NUF is offered in a steel or aluminum bushing. The TX-NUF is available for both standard and heavy wall tubing and may be run on any swab mandrel.



TX-TUF

The TX-TUF is a flexible rubber cup. Using a unique method of attaching steel spring reinforcing wires along with a molded in valve ring. Thus making the TX-TUF very strong for lifting medium to heavy loads. Flexible enough for light loads, allowing it to be used in both regular and undersized tubing. As the name implies, it's tough!

After many field tests running our TX-TUF cup versus Guiberson's "J" swab cup, the TX-TUF cup performs better and lasts longer at a fraction of the cost. Therefore you get longer runs with the TX-TUF saving rig down time and money.



TX-MV

The TX-MV is a light duty, all rubber cup. The multiple upturned lips pass easily through tight spots and are especially suited for fluid with a high ratio of suspended sand because the lips will invert to dump an excessive load. The TX-MV is available with either a steel or an aluminum bushing and can be run on any swab mandrel.



TX-J

The TX-J is a very durable heavy duty cup with a long flexible lip to provide a perfect up-stroke seal. The strong steel reinforcing wires are secured by a rigid retaining ring, which keeps the wires from snagging, even in the roughest tubing. Available in sizes 4 1/2" thru 5 3/4". The TX-J cup is the toughest heavy load cup available.



TX-V

The TX-V is a ring type, single lip, flexible, all rubber cup molded on a steel bushing. The TX-V is ideal for lifting sand-laden fluids and for light load swabbing. The flexible TX-V falls quickly and automatically dumps excess loads. The number of TX-V cups may be varied to meet the swabbing conditions and can be run on any swab mandrel.



TX-JS

The TX-JS casing swab cup is a heavy-duty cup, designed for lifting maximum loads from any depth. Its flexible lip provides a perfect up-stroke seal and automatically compensates for wear. This is the most dependable and durable heavy load cup available. The TX-JS is similar to the TX-J cup but with added flexibility to provide a seal when lifting lighter loads. Available in sizes 4 1/2" thru 5 3/4".

SWABBING EQUIPMENT

TUBING SWAB CUPS

ALL RUBBER CUPS - ENGINEERING DATA AND PART NUMBERS

TUBING DATA				TX-NUF			TX-TA			SWAB CUP ID (IN.)
OD (IN.)	WEIGHT (LB/FT)	TUBING ID (IN.)	MIN. JT ID ** (IN.)	PART NUMBER		CUP OD (IN.)	PART NUMBER		CUP OD (IN.)	
				STEEL BUSHING	ALUM. BUSHING		STEEL BUSHING	ALUM. BUSHING		
1.315" (1")	1.70-1.80	1.049	0.970	-	-	-	-	TP54510	1.000	0.430
1.660" (1 1/4")	2.30-2.40	1.380	1.300	-	-	-	-	TP54511	1.350	0.569
1.900" (1 1/2")	2.75-2.90	1.610	1.530	-	-	-	-	TP53689	1.600	0.915
								*TP59890	1.560	
2.000"	3.40	1.670	-	-	-	-	-	TP53690	1.660	0.759
2.063" (1 3/4")	3.25-3.40	1.751	1.700	-	-	-	-	TP53691	1.710	
								*TP53690	1.660	
	4.50	1.613	1.550	-	-	-	-	TP53690	1.660	
2 3/8" (2")	4.60-4.70	1.995	1.945	TP88682	TP91066	1.960	TP61024	TP53409	1.990	1.084
	5.10-5.30	1.939	1.890	*TP88683	*TP91069	1.920	*TP63612	*TP54508	1.950	
	5.80-5.95	1.853	1.850	TP91145	-	1.785	-	-	-	
	5.96-6.20	1.867	1.795							
	6.30-6.65	1.815	1.815							
2 7/8" (2 1/2")	6.40-6.50	2.441	2.371	TP89784	TP91067	2.370	TP61025	TP53494	2.431	1.375
	7.70-7.90	2.323	2.265	TP91070	-	2.245	-	-	-	
				TP91071	-					
	8.60-8.70	2.259	2.200	TP89783	-	2.180	-	-	-	
	8.90	2.243	2.181							
		9.35-9.50	2.195	2.089	-	-	-	-	-	-
	9.80-10.40	2.151	2.130	-	-	-	-	TP55235	2.110	
	11.54-11.65	1.995	-	TP88682	TP91066	1.960	TP61024	TP53409	1.990	1.084
3 1/2" (3")	9.20-9.50	2.992	2.920	TP89785	TP91068	2.910	TP89689	TP53692	2.940	1.375
	10.20-10.30	2.992	2.870	-	-	-	-	-	-	

TUBING DATA				TX-MV			TX-V		SWAB CUP ID (IN.)
OD (IN.)	WEIGHT (LB/FT)	TUBING ID (IN.)	MIN. JT ID ** (IN.)	PART NUMBER		CUP OD (IN.)	PART NUMBER	CUP OD (IN.)	
				STEEL BUSHING	ALUM. BUSHING				
1.315" (1")	1.70-1.80	1.049	0.970	-	-	-	-	-	0.430
1.660" (1 1/4")	2.30-2.40	1.380	1.300	-	-	-	-	-	0.569
1.900" (1 1/2")	2.75-2.90	1.610	1.530	-	-	-	TP87422	1.605	0.915
2.000"	3.40	1.670	-	-	-	-	-	-	0.759
2.063" (1 3/4")	3.25-3.40	1.751	1.700	-	TP57842	1.720	-	-	
		4.50	1.613	1.550	-	-	-	TP87422	1.605
2 3/8" (2")	4.60-4.70	1.995	1.945	TP87791	TP57468	1.984	TP57835	1.992	1.084
	5.10-5.30	1.939	1.890	-	-	-	-	-	
	5.80-5.95	1.853	1.850	-	-	-	-	-	
	5.96-6.20	1.867	1.795						
	6.30-6.65	1.815	1.815						
2 7/8" (2 1/2")	6.40-6.50	2.441	2.371	TP87792	TP57469	2.430	TP57836	2.431	1.375
	7.70-7.90	2.323	2.265	-	-	-	-	-	
				-	-	-	-	-	
	8.60-8.70	2.259	2.200	-	-	-	-	-	
	8.90	2.243	2.181						
		9.35-9.50	2.195	2.089	-	-	-	-	-
	9.80-10.40	2.151	2.130	-	-	-	-	-	
	11.54-11.65	1.995	-	TP87791	TP57468	1.992	TP57835	1.992	1.084
3 1/2" (3")	9.20-9.50	2.992	2.920	TP89690	TP57839	2.974	TP57642	2.985	1.375
	10.20-10.30	2.992	2.870	-	-	-	-	-	

* Undersize cup - for easier/faster falling; plastic line or internal upset tubing

TUBING SWAB CUPS

WIRE REINFORCED CUPS - ENGINEERING DATA AND PART NUMBERS

TUBING DATA				TX-TUF			TX-GW		
OD (IN.)	WEIGHT (LB/FT)	TUBING ID (IN.)	MIN. JT ID ** (IN.)	PART NUMBER	CUP OD (IN.)	CUP ID (IN.)	PART NUMBER	CUP OD (IN.)	CUP ID (IN.)
1.315" (1")	1.70-1.80	1.049	0.970	-	-	-	-	-	-
1.660" (1 1/4")	2.30-2.40	1.380	1.300	-	-	-	-	-	-
1.900" (1 1/2")	2.75-2.90	1.610	1.530	TP29641	1.520	0.688	-	-	-
2.000"	3.40	1.670	-	-	-	-	-	-	-
2.063" (1 3/4")	3.25-3.40	1.751	1.700	TP31594	1.694	0.688	-	-	-
	4.50	1.613	1.550	TP29641	1.520		-	-	-
2 3/8" (2")	4.60-4.70	1.995	1.945	TP68333	1.910	1.078	TP10716	2.000	1.094
	5.10-5.30	1.939	1.890				-	-	-
2 7/8" (2 1/2")	6.40-6.50	2.441	2.371	TP69845	2.360	1.350	TP10047	2.490	1.344
	9.35-9.50	2.195	2.130	TP64746	2.070	1.078	-	-	-
	9.80-10.40	2.151	2.151				-	-	-
	11.54-11.65	1.995	-	TP68333	1.910	1.078	TP10716	2.000	1.094
3 1/2" (3")	8.50-10.20	2.992	2.979	-	-	-	(TP61943)	2.797	1.344
	9.20-9.50		2.920	TP64846	2.890	1.350	TP14960	3.020	
	10.20-10.30		2.870				-	-	
	12.80-13.30	2.764	-	-	-	TP14082	2.770		
	12.70-12.95	2.750	2.687	-	-	-	-		
	14.90-15.5	2.602	-	TP64781	2.570	1.344	-	-	
4"	9.50	3.548	-	-	-	-	-	-	1.094
	10.80-11.95	3.476	3.395	-	-	-	TP14036	3.526	

* Undersize cup - for easier/faster falling; plastic line or internal upset tubing

() Trico Special

SWABBING EQUIPMENT

CASING SWAB CUPS

CASING SWAB CUPS - ENGINEERING DATA AND PART NUMBERS

TUBING DATA			TX-V			TX-J / TX-JS				TX-GW		
OD (IN.)	WEIGHT (LB/FT)	TUBING ID (IN.)	PART NUMBER	CUP OD (IN.)	CUP ID (IN.)	PART NUMBER	PART NUMBER	CUP OD (IN.)	CUP ID (IN.)	PART NUMBER	CUP OD (IN.)	CUP ID (IN.)
4 1/2"	9.50	4.090	TP57467 TP93480**	4.062	2.420	TP45597	TP61495	4.060	2.435	TP19841	4.180	2.400
	11.60	4.000										
	12.60	3.958										
4 1/2" D.P.	13.75	3.958	TP57467	4.062	2.420		TP61495	4.060	2.435	TP19841	4.180	2.400
	16.60	3.826	S	-	-	-	-	-	-	TP19840	4.020	
4 3/4"	16.00	4.082	TP57467	4.062	2.420	TP45597	TP61495	4.060	2.435	TP19841	4.180	
5"	13.00	4.494	S	-	-	-	-	-	-	TP19843	4.630	2.410
	15.00	4.408										
	18.00	4.276										
5 1/2"	21.00	4.154	S	-	-	-	-	-	-	TP19842	4.490	
	13.00	5.044	TP88884* TP57470	4.970	2.420	TP45829	TP61496	5.010	2.435	TP19846	5.140	2.910
	14.00	5.012		4.970	2.920							
	15.00	4.974		4.970	2.420							
	17.00	4.892	S	-	-	TP52384	-	4.838	-	TP19844	5.020	2.900
	20.00	4.778				-	-	-				
23.00	4.670	-				-	-					
5 3/4"	14.00	5.290	S	-	-	-	-	-	-	TP19847	5.440	2.910
	17.00	5.190										
6"	22.50	4.990	TP88884*	4.970	2.420	TP45829	TP61496	5.010	2.435	TP19846	5.140	
	14.00	5.552	S	-	-	-	-	-	-	TP19848	5.670	
20.00	5.352											
6 5/8"	20.00	6.049	S	-	-	-	-	-	-	TP19850	6.240	3.531
	22.00	5.989										
	24.00	5.921										
	28.00	5.791	S	-	-	-	-	-	TP19849	6.030		
32.00	5.675											
7"	17.00	6.538	TP57471	6.475	3.545	-	-	-	-	TP19853	6.665	3.531
	20.00	6.456										
	22.00	6.398										
	23.00	6.366										
	24.00	6.336	S	-	-	-	-	-	-	TP19852	6.550	
	26.00	6.276										
	29.00	6.184										
	32.00	6.094										
	35.00	6.004										
38.00	5.920	-	-	-	-	-	-	-	TP19850	6.240		
40.00	5.836											
7 5/8"	26.40	6.969	-	-	-	-	-	-	-	TP19855	7.150	3.531
	29.70	6.875										
	33.70	6.765										
	39.00	6.625										

S - Indicates that this size swab cup is available by special order only.

* - Part number TP88884 is an alternate swab cup which is made to run in 5-1/2" casing on a 4-1/2" size swab mandrel.

** - Part number TP93480 is a heavy duty alternate to TP57467.