



PART NUMBER	DESCRIPTION	CASING O.D.	CASING # PER Ft.	CASING TYPE	E.H. AVERAGE	PENE. AVERAGE	GUN TYPE	GUN O.D. IN	GUN O.D. MM
TG19GH1	TOP GUN GOOD HOLE 19.0 GM RDX	4.5	11.6	L-80	0.54	30.5	SCALLOP	3 1/8	79.4
		4.5	11.6	L-80	0.54	30.5	SCALLOP	3 3/8	85.7
		5.5	20.0	P-110	0.41	28.0	SCALLOP	3 1/8	79.4
		5.5	20.0	P-110	0.42	25.1	SCALLOP	3 3/8	85.7
TG23GH1	TOP GUN GOOD HOLE 22.7 GM RDX	4.5	11.6	L-80	0.55	31.8	SCALLOP	3 1/8	79.4
		4.5	11.6	L-80	0.55	31.8	SCALLOP	3 3/8	85.7
TG15SP1	TOP GUN SUPER PENETRATOR 15.0 GM RDX	5.5	20.0	P-110	0.38	33.1	SCALLOP	2 3/4	69.9
TG18SP1	TOP GUN SUPER PENETRATOR 18.0 GM RDX	5.5	20.0	P-110	0.39	33.6	SCALLOP	2 3/4	69.9
TG23SP1	TOP GUN SUPER PENETRATOR 22.7 GM RDX	4.5	11.6	L-80	0.43	35.6	SLICK	3 1/8	79.4
		4.5	11.6	L-80	0.45	37.9	SLICK	3 3/8	85.7
		4.5	11.6	L-80	0.43	36.6	SCALLOP	3 1/8	79.4
		4.5	11.6	L-80	0.45	37.9	SCALLOP	3 3/8	85.7
		5.5	20.0	P-110	0.45	35.6	SCALLOP	3 3/8	85.7
TG23SP2	TOP GUN SUPER PENETRATOR 22.7 GM HMX	5.5	20.0	P-110	0.45	38.5	SCALLOP	3 3/8	85.7
TG23XP1	TOP GUN XTRA PENETRATOR 22.7 GM RDX	5.5	20.0	P-110	0.41	38.6	SCALLOP	3 3/8	85.7
TG23XP2	TOP GUN XTRA PENETRATOR 22.7 GM HMX	4.5	11.6	L-80	0.44	40.2	SCALLOP	3 1/8	79.4
TG16FX1	TOP GUN FRACXACT 16.0 GM RDX	4.5	13.5	P-110	0.38 16.5	7.00%	SCALLOP	2 3/4	69.9
		4.5	15.0	P-110	0.37 16.5	4.00%	SCALLOP	2 3/4	69.9
		4.5	11.6	L-80	0.40 16.0	9.67%	SCALLOP	2 3/4	69.9
		5.5	20.0	P-110	0.32 15.5	16.60%	SCALLOP	2 3/4	69.9
		5.5	23.0	P-110	0.33 15.6	9.34%	SCALLOP	2 3/4	69.9
TG21FX1-1	TOP GUN FRACXACT 21.0 GM .32 RDX	5.0	18.0	P-110	0.35 19.0	3.99%	SCALLOP	3 3/8	85.7
		5.0	18.0	P-110	0.33 18.7	6.26%	SCALLOP	3 1/8	85.7
		4.5	11.6	L-80	0.42 18.2	8.84%	SCALLOP	3 1/8	79.4
		4.5	13.5	P-110	0.32 18.6	6.18%	SCALLOP	3 1/8	79.4
		5.5	20.0	P-110	0.36 18.1	5.94%	SCALLOP	3 1/8	79.4
		5.5	23.0	P-110	0.33 18.5	3.29%	SCALLOP	3 1/8	79.4
		5.5	20.0	P-110	0.33 19.0	6.31%	SCALLOP	3 3/8	85.7
		5.5	23.0	P-110	0.33 19.0	3.45%	SCALLOP	3 3/8	85.7
TG21FX1-2	TOP GUN FRACXACT 21.0 GM .38 RDX	5.0	18.0	P-110	0.38 18.5	3.22%	SCALLOP	3 3/8	85.7
		5.0	18.0	P-110	0.41 18.8	5.23%	SCALLOP	3 1/8	79.4
		4.5	11.6	L-80	0.46 18.0	7.22%	SCALLOP	3 1/8	79.4
		5.5	20.0	P-110	0.39 18.2	3.42%	SCALLOP	3 1/8	79.4
		5.5	23.0	P-110	0.38 17.8	4.66%	SCALLOP	3 1/8	79.4
		5.5	20.0	P-110	0.38 18.5	2.80%	SCALLOP	3 3/8	85.7
		5.5	20.0	P-110	0.39 18.5	5.44%	SCALLOP	3 1/8	79.4
		5.5	23.0	P-110	0.39 18.5	2.95%	SCALLOP	3 1/8	79.4
TG21FX1-3	TOP GUN FRACXACT 21.0 GM .41 RDX	5.0	18.0	P-110	0.42 18.0	2.66%	SCALLOP	3 3/8	85.7
		5.0	18.0	P-110	0.42 18.5	5.21%	SCALLOP	3 1/8	79.4
		4.5	11.6	L-80	0.50 17.6	6.28%	SCALLOP	3 1/8	79.4
		4.5	13.5	P-110	0.40 17.5	4.58%	SCALLOP	3 1/8	79.4
		5.5	20.0	P-110	0.44 18.2	6.92%	SCALLOP	3 1/8	79.4
		5.5	23.0	P-110	0.41 17.8	5.38%	SCALLOP	3 1/8	79.4
		5.5	23.0	P-110	0.41 18.0	3.99%	SCALLOP	3 1/8	79.4
		5.5	20.0	P-110	0.45 18.0	3.97%	SCALLOP	3 3/8	85.7
		5.5	23.0	P-110	0.44 18.0	3.07%	SCALLOP	3 3/8	85.7
TG21FX2-1	TOP GUN FRACXACT 21.0 GM .32 HMX	5.0	18.0	P-110	0.35 19.0	3.99%	SCALLOP	3 3/8	85.7
		5.0	18.0	P-110	0.33 18.7	6.26%	SCALLOP	3 1/8	85.7
		5.5	20.0	P-110	0.33 19.0	6.31%	SCALLOP	3 3/8	85.7
		5.5	23.0	P-110	0.33 19.0	3.45%	SCALLOP	3 3/8	85.7
TG21FX2-2	TOP GUN FRACXACT 21.0 GM .38 HMX	5.0	18.0	P-110	0.38 18.5	3.22%	SCALLOP	3 3/8	85.7
		5.0	18.0	P-110	0.41 18.8	5.23%	SCALLOP	3 1/8	79.4
		5.5	20.0	P-110	0.38 18.5	2.80%	SCALLOP	3 3/8	85.7
		5.5	23.0	P-110	0.41 18.5	2.83%	SCALLOP	3 3/8	85.7
TG21FX2-3	TOP GUN FRACXACT 21.0 GM .41 HMX	5.0	18.0	P-110	0.42 18.0	2.66%	SCALLOP	3 3/8	85.7
		5.0	18.0	P-110	0.42 18.5	5.21%	SCALLOP	3 1/8	79.4
		5.5	20.0	P-110	0.45 18.0	3.97%	SCALLOP	3 3/8	85.7
		5.5	23.0	P-110	0.44 18.0	3.07%	SCALLOP	3 3/8	85.7
TG20CS1	TOP GUN CIRCULATION 2.0 GM SMALL RDX				0.190	0.39	SCALLOP	1 3/8	34.9
					0.250	0.20	SCALLOP	1 3/80	34.9
TG39CS2	TOP GUN CIRCULATION SMALL 4.0 GM HMX				0.190	0.45	SCALLOP	1 9/16	39.7
					0.375	0.31	SCALLOP	1 9/16	39.7
TG39CM2	TOP GUN CIRCULATION MEDIUM 4.0 GM HMX				0.375	0.42	SCALLOP	1 9/16	39.7
					0.500	0.23	SCALLOP	1 9/16	39.7
TG39CL2	TOP GUN CIRCULATION LARGE 4.0 GM HMX				0.500	0.21	SCALLOP	1 9/16	39.7
					0.580	0.18	SCALLOP	1 9/16	39.7

