



# GENERAL PURPOSE

Ideal for Cast Iron

## List 101C

OSG GENERAL PURPOSE-HT



ABOUT OSG

DRILLING

THREADING

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INDEX

EDP		Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length
					L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)
1600207	●	1/4 - 20 UNC	H3	Bottom (1.5P)	2.500	0.756	1.189	0.255	0.191	0.313
1600107	●	1/4 - 20 UNC	H3	Plug (4P)	2.500	0.756	1.189	0.255	0.191	0.313
1600407	●	1/4 - 20 UNC	H5	Bottom (1.5P)	2.500	0.756	1.189	0.255	0.191	0.313
1600307	●	1/4 - 20 UNC	H5	Plug (4P)	2.500	0.756	1.189	0.255	0.191	0.313
1600607	●	1/4 - 28 UNF	H3	Bottom (1.5P)	2.500	0.756	1.189	0.255	0.191	0.313
1600507	●	1/4 - 28 UNF	H3	Plug (4P)	2.500	0.756	1.189	0.255	0.191	0.313
1600807	●	5/16 - 18 UNC	H3	Bottom (1.5P)	2.720	0.835	1.323	0.318	0.238	0.375
1600707	●	5/16 - 18 UNC	H3	Plug (4P)	2.720	0.835	1.323	0.318	0.238	0.375
1601007	●	5/16 - 18 UNC	H5	Bottom (1.5P)	2.720	0.835	1.323	0.318	0.238	0.375
1600907	●	5/16 - 18 UNC	H5	Plug (4P)	2.720	0.835	1.323	0.318	0.238	0.375
1601207	●	5/16 - 24 UNF	H3	Bottom (1.5P)	2.720	0.835	1.323	0.318	0.238	0.375
1601107	●	5/16 - 24 UNF	H3	Plug (4P)	2.720	0.835	1.323	0.318	0.238	0.375
1601407	●	3/8 - 16 UNC	H3	Bottom (1.5P)	2.937	0.937	1.413	0.381	0.286	0.438
1601307	●	3/8 - 16 UNC	H3	Plug (4P)	2.937	0.937	1.413	0.381	0.286	0.438
1601607	●	3/8 - 16 UNC	H5	Bottom (1.5P)	2.937	0.937	1.413	0.381	0.286	0.438
1601507	●	3/8 - 16 UNC	H5	Plug (4P)	2.937	0.937	1.413	0.381	0.286	0.438
1601807	●	3/8 - 24 UNF	H3	Bottom (1.5P)	2.937	0.937	1.413	0.381	0.286	0.438
1601707	●	3/8 - 24 UNF	H3	Plug (4P)	2.937	0.937	1.413	0.381	0.286	0.438
1602007	●	7/16 - 14 UNC	H3	Bottom (1.5P)	3.157	1.071	1.689	0.323	0.242	0.406
1601907	●	7/16 - 14 UNC	H3	Plug (4P)	3.157	1.071	1.689	0.323	0.242	0.406
1602207	●	7/16 - 14 UNC	H5	Bottom (1.5P)	3.157	1.071	1.689	0.323	0.242	0.406
1602107	●	7/16 - 14 UNC	H5	Plug (4P)	3.157	1.071	1.689	0.323	0.242	0.406
1602407	●	7/16 - 20 UNF	H3	Bottom (1.5P)	3.157	1.071	1.689	0.323	0.242	0.406
1602307	●	7/16 - 20 UNF	H3	Plug (4P)	3.157	1.071	1.689	0.323	0.242	0.406
1602607	●	7/16 - 20 UNF	H5	Bottom (1.5P)	3.157	1.071	1.689	0.323	0.242	0.406
1602507	●	7/16 - 20 UNF	H5	Plug (4P)	3.157	1.071	1.689	0.323	0.242	0.406
1602807	●	1/2 - 13 UNC	H3	Bottom (1.5P)	3.374	1.177	1.811	0.367	0.275	0.438
1602707	●	1/2 - 13 UNC	H3	Plug (4P)	3.374	1.177	1.811	0.367	0.275	0.438
1603007	●	1/2 - 13 UNC	H5	Bottom (1.5P)	3.374	1.177	1.811	0.367	0.275	0.438
1602907	●	1/2 - 13 UNC	H5	Plug (4P)	3.374	1.177	1.811	0.367	0.275	0.438
1603207	●	1/2 - 20 UNF	H3	Bottom (1.5P)	3.374	1.177	1.811	0.367	0.275	0.438
1603107	●	1/2 - 20 UNF	H3	Plug (4P)	3.374	1.177	1.811	0.367	0.275	0.438
1603407	●	1/2 - 20 UNF	H5	Bottom (1.5P)	3.374	1.177	1.811	0.367	0.275	0.438
1603307	●	1/2 - 20 UNF	H5	Plug (4P)	3.374	1.177	1.811	0.367	0.275	0.438
1603607	●	9/16 - 12 UNC	H3	Bottom (1.5P)	3.594	1.280	1.941	0.429	0.322	0.500
1603507	●	9/16 - 12 UNC	H3	Plug (4P)	3.594	1.280	1.941	0.429	0.322	0.500
1603807	●	9/16 - 18 UNF	H3	Bottom (1.5P)	3.594	1.280	1.941	0.429	0.322	0.500
1603707	●	9/16 - 18 UNF	H3	Plug (4P)	3.594	1.280	1.941	0.429	0.322	0.500
1600007	●	9/16 - 18 UNF	H5	Bottom (1.5P)	3.594	1.280	1.941	0.429	0.322	0.500
1604007	●	5/8 - 11 UNC	H3	Bottom (1.5P)	3.811	1.390	2.000	0.480	0.360	0.563
1603907	●	5/8 - 11 UNC	H3	Plug (4P)	3.811	1.390	2.000	0.480	0.360	0.563
1604807	●	5/8 - 11 UNC	H5	Bottom (1.5P)	3.811	1.390	2.000	0.480	0.360	0.563
1604707	●	5/8 - 11 UNC	H5	Plug (4P)	3.811	1.390	2.000	0.480	0.360	0.563
1604207	●	5/8 - 18 UNF	H3	Bottom (1.5P)	3.811	1.390	2.000	0.480	0.360	0.563
1604107	●	5/8 - 18 UNF	H3	Plug (4P)	3.811	1.390	2.000	0.480	0.360	0.563
1605207	●	5/8 - 18 UNF	H5	Bottom (1.5P)	3.811	1.390	2.000	0.480	0.360	0.563
1604407	●	3/4 - 10 UNC	H3	Bottom (1.5P)	4.252	1.531	2.220	0.590	0.442	0.688
1604307	●	3/4 - 10 UNC	H3	Plug (4P)	4.252	1.531	2.220	0.590	0.442	0.688
1604607	●	3/4 - 16 UNF	H3	Bottom (1.5P)	4.252	1.531	2.220	0.590	0.442	0.688
1604507	●	3/4 - 16 UNF	H3	Plug (4P)	4.252	1.531	2.220	0.590	0.442	0.688

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked





## List 101C (Continued)

OSG GENERAL PURPOSE-HT

STRAIGHT FLUTE	HSS	N S/O	4 FLUTE	C/1.5P	C/4P	0°	PACKED 1 PIECE
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EDP	Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	
				L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)	
1605007	●	3/4 - 16 UNF	H5	Bottom (1.5P)	4.252	1.531	2.220	0.590	0.442	0.688
1604907	●	3/4 - 16 UNF	H5	Plug (4P)	4.252	1.531	2.220	0.590	0.442	0.688

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

P					M			K	N		S		H			
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel			
Carbon Steel			Alloy Steel	Die Steel	Aluminum		Nickel Alloy		Titanium							
Low	Medium	High			6061	Casting				Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC	
1010	1035	1065	4140	4340	300	400	17-4 PH	25-75 SFM	6061	40-65 SFM						
1018	1045										7075					

○ Good ○ Best

