



## List 141

OSG GENERAL PURPOSE-HT



EDP	Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Number of Flutes	Surface Treatment
				L (mm)	Lc (mm)	L1 (mm)	d (mm)	k (mm)	lk (mm)		
1978800	M1.6 x 0.35	D3	Plug (4P)	41.30	7.90	8.90	3.58	2.79	4.76	3	Bright
1977400	M2 x 0.4	D3	Bottom (1.5P)	44.50	11.10	12.10	3.58	2.79	4.76	3	Bright
1977300	M2 x 0.4	D3	Plug (4P)	44.50	11.10	12.10	3.58	2.79	4.76	3	Bright
1972300	M2.5 x 0.45	D3	Bottom (1.5P)	46.00	12.80	13.80	3.58	2.79	4.76	3	Bright
1972301	M2.5 x 0.45	D3	Bottom (1.5P)	46.00	12.80	13.80	3.58	2.79	4.76	3	Steam Oxide
1972200	M2.5 x 0.45	D3	Plug (4P)	46.00	12.80	13.80	3.58	2.79	4.76	3	Bright
1972201	M2.5 x 0.45	D3	Plug (4P)	46.00	12.80	13.80	3.58	2.79	4.76	3	Steam Oxide
1970200	M3 x 0.5	D3	Bottom (1.5P)	49.20	7.50	18.90	3.58	2.79	4.76	3	Bright
1970201	M3 x 0.5	D3	Bottom (1.5P)	49.20	7.50	18.90	3.58	2.79	4.76	3	Steam Oxide
1970100	M3 x 0.5	D3	Plug (4P)	49.20	7.50	18.90	3.58	2.79	4.76	3	Bright
1970101	M3 x 0.5	D3	Plug (4P)	49.20	7.50	18.90	3.58	2.79	4.76	3	Steam Oxide
1970000	M3 x 0.5	D3	Taper (9P)	49.20	7.50	18.90	3.58	2.79	4.76	3	Bright
1972600	M3.5 x 0.6	D4	Bottom (1.5P)	50.80	9.00	20.40	3.58	2.79	4.76	3	Bright
1972601	M3.5 x 0.6	D4	Bottom (1.5P)	50.80	9.00	20.40	3.58	2.79	4.76	3	Steam Oxide
1972500	M3.5 x 0.6	D4	Plug (4P)	50.80	9.00	20.40	3.58	2.79	4.76	3	Bright
1972501	M3.5 x 0.6	D4	Plug (4P)	50.80	9.00	20.40	3.58	2.79	4.76	3	Steam Oxide
1970500	M4 x 0.7	D4	Bottom (1.5P)	54.00	10.50	23.70	4.27	3.33	6.35	4	Bright
1970501	M4 x 0.7	D4	Bottom (1.5P)	54.00	10.50	23.70	4.27	3.33	6.35	4	Steam Oxide
1970400	M4 x 0.7	D4	Plug (4P)	54.00	10.50	23.70	4.27	3.33	6.35	4	Bright
1970401	M4 x 0.7	D4	Plug (4P)	54.00	10.50	23.70	4.27	3.33	6.35	4	Steam Oxide
1970300	M4 x 0.7	D4	Taper (9P)	54.00	10.50	23.70	4.27	3.33	6.35	4	Bright
1972900	M4.5 x 0.75	D4	Bottom (1.5P)	60.30	12.20	26.70	4.93	3.86	6.35	4	Bright
1972901	M4.5 x 0.75	D4	Bottom (1.5P)	60.30	12.20	26.70	4.93	3.86	6.35	4	Steam Oxide
1972800	M4.5 x 0.75	D4	Plug (4P)	60.30	12.20	26.70	4.93	3.86	6.35	4	Bright
1972801	M4.5 x 0.75	D4	Plug (4P)	60.30	12.20	26.70	4.93	3.86	6.35	4	Steam Oxide
1970800	M5 x 0.8	D4	Bottom (1.5P)	60.30	12.10	26.90	4.93	3.86	6.35	4	Bright
1970801	M5 x 0.8	D4	Bottom (1.5P)	60.30	12.10	26.90	4.93	3.86	6.35	4	Steam Oxide
1970700	M5 x 0.8	D4	Plug (4P)	60.30	12.10	26.90	4.93	3.86	6.35	4	Bright
1970701	M5 x 0.8	D4	Plug (4P)	60.30	12.10	26.90	4.93	3.86	6.35	4	Steam Oxide
1970600	M5 x 0.8	D4	Taper (9P)	60.30	12.10	26.90	4.93	3.86	6.35	4	Bright
1971100	M6 x 1	D5	Bottom (1.5P)	63.50	15.90	30.00	6.48	4.85	7.94	4	Bright
1971101	M6 x 1	D5	Bottom (1.5P)	63.50	15.90	30.00	6.48	4.85	7.94	4	Steam Oxide
1971000	M6 x 1	D5	Plug (4P)	63.50	15.90	30.00	6.48	4.85	7.94	4	Bright
1971001	M6 x 1	D5	Plug (4P)	63.50	15.90	30.00	6.48	4.85	7.94	4	Steam Oxide
1970900	M6 x 1	D5	Taper (9P)	63.50	15.90	30.00	6.48	4.85	7.94	4	Bright
1973200	M7 x 1	D5	Bottom (1.5P)	69.10	15.00	33.60	8.08	6.05	9.53	4	Bright
1973201	M7 x 1	D5	Bottom (1.5P)	69.10	15.00	33.60	8.08	6.05	9.53	4	Steam Oxide
1973100	M7 x 1	D5	Plug (4P)	69.10	15.00	33.60	8.08	6.05	9.53	4	Bright
1973101	M7 x 1	D5	Plug (4P)	69.10	15.00	33.60	8.08	6.05	9.53	4	Steam Oxide
1973500	M8 x 1	D5	Bottom (1.5P)	69.10	18.80	33.60	8.08	6.05	9.53	4	Bright

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked  
 Note: Other coatings are available upon request.



CONTINUED

P					M			K	N		S		H			
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel			
Carbon Steel			Alloy Steel	Die Steel	300	400	17-4 PH		Aluminum		Nickel Alloy	Titanium	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC
Low	Medium	High							6061	7075						
1010	1035	1045	1065	4140	4340											
1018	1045	1065														
○	○	○					○	○	○							
25-80 SFM	20-50 SFM	20-45 SFM					25-75 SFM	40-80 SFM	40-65 SFM							

○ Good ⊗ Best





# GENERAL PURPOSE

## List 141 (Continued)

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	Number of Flutes	Surface Treatment
					L (mm)	Lc (mm)	L1 (mm)	d (mm)	k (mm)	lk (mm)		
1973501	●	M8 x 1	D5	Bottom (1.5P)	69.10	18.80	33.60	8.08	6.05	9.53	4	Steam Oxide
1973400	●	M8 x 1	D5	Plug (4P)	69.10	18.80	33.60	8.08	6.05	9.53	4	Bright
1973401	●	M8 x 1	D5	Plug (4P)	69.10	18.80	33.60	8.08	6.05	9.53	4	Steam Oxide
1971400	●	M8 x 1.25	D5	Bottom (1.5P)	69.10	18.80	33.60	8.08	6.05	9.53	4	Bright
1971401	●	M8 x 1.25	D5	Bottom (1.5P)	69.10	18.80	33.60	8.08	6.05	9.53	4	Steam Oxide
1971300	●	M8 x 1.25	D5	Plug (4P)	69.10	18.80	33.60	8.08	6.05	9.53	4	Bright
1971301	●	M8 x 1.25	D5	Plug (4P)	69.10	18.80	33.60	8.08	6.05	9.53	4	Steam Oxide
1971200	●	M8 x 1.25	D5	Taper (9P)	69.10	18.80	33.60	8.08	6.05	9.53	4	Bright
1973800	●	M10 x 1	D5	Bottom (1.5P)	74.60	22.50	35.10	9.68	7.26	11.11	4	Bright
1973801	●	M10 x 1	D5	Bottom (1.5P)	74.60	22.50	35.10	9.68	7.26	11.11	4	Steam Oxide
1973700	●	M10 x 1	D5	Plug (4P)	74.60	22.50	35.10	9.68	7.26	11.11	4	Bright
1973701	●	M10 x 1	D5	Plug (4P)	74.60	22.50	35.10	9.68	7.26	11.11	4	Steam Oxide
1974100	●	M10 x 1.25	D5	Bottom (1.5P)	74.60	22.50	35.10	9.68	7.26	11.11	4	Bright
1974101	●	M10 x 1.25	D5	Bottom (1.5P)	74.60	22.50	35.10	9.68	7.26	11.11	4	Steam Oxide
1974000	●	M10 x 1.25	D5	Plug (4P)	74.60	22.50	35.10	9.68	7.26	11.11	4	Bright
1974001	●	M10 x 1.25	D5	Plug (4P)	74.60	22.50	35.10	9.68	7.26	11.11	4	Steam Oxide
1971700	●	M10 x 1.5	D6	Bottom (1.5P)	74.60	22.50	35.10	9.68	7.26	11.11	4	Bright
1971701	●	M10 x 1.5	D6	Bottom (1.5P)	74.60	22.50	35.10	9.68	7.26	11.11	4	Steam Oxide
1971600	●	M10 x 1.5	D6	Plug (4P)	74.60	22.50	35.10	9.68	7.26	11.11	4	Bright
1971601	●	M10 x 1.5	D6	Plug (4P)	74.60	22.50	35.10	9.68	7.26	11.11	4	Steam Oxide
1971500	●	M10 x 1.5	D6	Taper (9P)	74.60	22.50	35.10	9.68	7.26	11.11	4	Bright
1974400	●	M12 x 1.25	D5	Bottom (1.5P)	85.70	26.30	46.00	9.32	6.99	11.11	4	Bright
1974401	●	M12 x 1.25	D5	Bottom (1.5P)	85.70	26.30	46.00	9.32	6.99	11.11	4	Steam Oxide
1974300	●	M12 x 1.25	D5	Plug (4P)	85.70	26.30	46.00	9.32	6.99	11.11	4	Bright
1974301	●	M12 x 1.25	D5	Plug (4P)	85.70	26.30	46.00	9.32	6.99	11.11	4	Steam Oxide
1974700	●	M12 x 1.5	D6	Bottom (1.5P)	85.70	26.30	46.00	9.32	6.99	11.11	4	Bright
1974600	●	M12 x 1.5	D6	Plug (4P)	85.70	26.30	46.00	9.32	6.99	11.11	4	Bright
1972000	●	M12 x 1.75	D6	Bottom (1.5P)	85.70	27.20	46.00	9.32	6.99	11.11	4	Bright
1972001	●	M12 x 1.75	D6	Bottom (1.5P)	85.70	27.20	46.00	9.32	6.99	11.11	4	Steam Oxide
1971900	●	M12 x 1.75	D6	Plug (4P)	85.70	27.20	46.00	9.32	6.99	11.11	4	Bright
1971901	●	M12 x 1.75	D6	Plug (4P)	85.70	27.20	46.00	9.32	6.99	11.11	4	Steam Oxide
1971800	●	M12 x 1.75	D6	Taper (9P)	85.70	27.20	46.00	9.32	6.99	11.11	4	Bright
1975000	●	M14 x 1.25	D5	Bottom (1.5P)	91.30	30.00	49.30	10.90	8.18	12.70	4	Bright
1974900	●	M14 x 1.25	D5	Plug (4P)	91.30	30.00	49.30	10.90	8.18	12.70	4	Bright
1977700	●	M14 x 1.5	D6	Bottom (1.5P)	91.30	30.80	49.30	10.90	8.18	12.70	4	Bright
1977600	●	M14 x 1.5	D6	Plug (4P)	91.30	30.80	49.30	10.90	8.18	12.70	4	Bright
1975300	●	M14 x 2	D7	Bottom (1.5P)	91.30	31.00	49.30	10.90	8.18	12.70	4	Bright
1975200	●	M14 x 2	D7	Plug (4P)	91.30	31.00	49.30	10.90	8.18	12.70	4	Bright
1975201	●	M14 x 2	D7	Plug (4P)	91.30	31.00	49.30	10.90	8.18	12.70	4	Steam Oxide
1975100	●	M14 x 2	D7	Taper (9P)	91.30	31.00	49.30	10.90	8.18	12.70	4	Bright
1975600	●	M16 x 1.5	D6	Bottom (1.5P)	96.80	30.00	50.80	12.19	9.14	14.29	4	Bright
1975601	●	M16 x 1.5	D6	Bottom (1.5P)	96.80	30.00	50.80	12.19	9.14	14.29	4	Steam Oxide
1975500	●	M16 x 1.5	D6	Plug (4P)	96.80	30.00	50.80	12.19	9.14	14.29	4	Bright
1975501	●	M16 x 1.5	D6	Plug (4P)	96.80	30.00	50.80	12.19	9.14	14.29	4	Steam Oxide
1975900	●	M16 x 2	D7	Bottom (1.5P)	96.80	31.00	50.80	12.19	9.14	14.29	4	Bright
1975901	●	M16 x 2	D7	Bottom (1.5P)	96.80	31.00	50.80	12.19	9.14	14.29	4	Steam Oxide
1975800	●	M16 x 2	D7	Plug (4P)	96.80	31.00	50.80	12.19	9.14	14.29	4	Bright
1975801	●	M16 x 2	D7	Plug (4P)	96.80	31.00	50.80	12.19	9.14	14.29	4	Steam Oxide
1975700	●	M16 x 2	D7	Taper (9P)	96.80	31.00	50.80	12.19	9.14	14.29	4	Bright
1976200	●	M18 x 1.5	D6	Bottom (1.5P)	102.40	37.50	54.10	13.77	10.31	15.88	4	Bright
1976201	●	M18 x 1.5	D6	Bottom (1.5P)	102.40	37.50	54.10	13.77	10.31	15.88	4	Steam Oxide

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## List 141 (Continued)

OSG GENERAL PURPOSE-HT



EDP	Thread Size	Thread Limit	Chamfer Type	Overall Length		Thread Length		Neck Length		Shank Diameter		Square Width		Number of Flutes	Surface Treatment
				L (mm)	Lc (mm)	L1 (mm)	d (mm)	k (mm)	lk (mm)						
1976100	●	M18 x 1.5	D6	Plug (4P)	102.40	37.50	54.10	13.77	10.31	15.88	4	Bright			
1976500	●	M18 x 2.5	D7	Bottom (1.5P)	102.40	38.80	54.10	13.77	10.31	15.88	4	Bright			
1976400	●	M18 x 2.5	D7	Plug (4P)	102.40	38.80	54.10	13.77	10.31	15.88	4	Bright			
1976401	●	M18 x 2.5	D7	Plug (4P)	102.40	38.80	54.10	13.77	10.31	15.88	4	Steam Oxide			
1976800	●	M20 x 1.5	D6	Bottom (1.5P)	113.50	37.50	60.50	16.56	12.42	17.46	4	Bright			
1976801	●	M20 x 1.5	D6	Bottom (1.5P)	113.50	37.50	60.50	16.56	12.42	17.46	4	Steam Oxide			
1976700	●	M20 x 1.5	D6	Plug (4P)	113.50	37.50	60.50	16.56	12.42	17.46	4	Bright			
1977100	●	M20 x 2.5	D7	Bottom (1.5P)	113.50	38.80	60.50	16.56	12.42	17.46	4	Bright			
1977101	●	M20 x 2.5	D7	Bottom (1.5P)	113.50	38.80	60.50	16.56	12.42	17.46	4	Steam Oxide			
1977000	●	M20 x 2.5	D7	Plug (4P)	113.50	38.80	60.50	16.56	12.42	17.46	4	Bright			
1977001	●	M20 x 2.5	D7	Plug (4P)	113.50	38.80	60.50	16.56	12.42	17.46	4	Steam Oxide			
1966900	●	M20 x 2.5	D7	Taper (9P)	113.50	38.80	60.50	16.56	12.42	17.46	4	Bright			
1977200	●	M24 x 3	D8	Bottom (1.5P)	124.60	45.00	63.50	19.30	14.48	19.05	4	Bright			
1977500	●	M24 x 3	D8	Plug (4P)	124.60	45.00	63.50	19.30	14.48	19.05	4	Bright			
1978000	●	M24 x 3	D8	Taper (9P)	124.60	45.00	63.50	19.30	14.48	19.05	4	Bright			
1978200	●	M30 x 3.5	D9	Bottom (1.5P)	138.10	52.50	74.70	25.93	19.46	25.40	4	Bright			
1978300	●	M30 x 3.5	D9	Plug (4P)	138.10	52.50	74.70	25.93	19.46	25.40	4	Bright			
1978400	●	M30 x 3.5	D9	Taper (9P)	138.10	52.50	74.70	25.93	19.46	25.40	4	Bright			
1978600	●	M36 x 4	D9	Plug (4P)	154.00	60.00	80.00	31.32	23.50	28.58	4	Bright			
1978700	●	M36 x 4	D9	Taper (9P)	154.00	60.00	80.00	31.32	23.50	28.58	4	Bright			

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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	~35 HRC	35-45 HRC	45-50 HRC
1010	1035	1045	1065	4140	4340				6061	7075		6Al4V	(30 HRC)				
25-80 SFM	20-50 SFM	20-45 SFM				300	400	17-4 PH									
○	○	○							○	○	○						
									25-75 SFM	40-80 SFM	40-65 SFM						

○ Good ⊗ Best

