

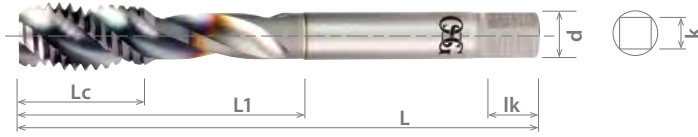


# A Brand A-SFT

Advanced Performance Taps for a Variety of Materials

## List 16500

A BRAND A-SFT, DIN Overall Length



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

EDP Number	Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Dia.	Square Width	Square Length	Number of Flutes	
				L (mm)	Lc (mm)	L1 (mm)	d (mm)	k (mm)	lk (mm)		
1650003008	●	M1.4 x 0.3	D2	Modified Bottom (2.5P)	40.00	6.00	11.50	3.58	2.79	4.76	2
1650003108	●	M1.6 x 0.35	D3	Modified Bottom (2.5P)	40.00	7.00	13.60	3.58	2.79	4.76	2
1650003208	●	M1.7 x 0.35	D3	Modified Bottom (2.5P)	40.00	8.00	13.40	3.58	2.79	4.76	2
1650003308	●	M2 x 0.25	D2	Modified Bottom (2.5P)	45.00	3.30	10.00	3.58	2.79	4.76	2
1650003408	●	M2 x 0.4	D3	Modified Bottom (2.5P)	45.00	3.30	10.00	3.58	2.79	4.76	2
1650003508	●	M2.2 x 0.25	D2	Modified Bottom (2.5P)	45.00	3.30	11.00	3.58	2.79	4.76	2
1650003608	●	M2.2 x 0.45	D3	Modified Bottom (2.5P)	45.00	3.30	11.00	3.58	2.79	4.76	2
1650003708	●	M2.3 x 0.4	D3	Modified Bottom (2.5P)	45.00	3.20	11.90	3.58	2.79	4.76	2
1650003808	●	M2.5 x 0.35	D3	Modified Bottom (2.5P)	50.00	3.70	13.00	3.58	2.79	4.76	2
1650003908	●	M2.5 x 0.45	D3	Modified Bottom (2.5P)	50.00	3.70	13.00	3.58	2.79	4.76	2
1650004008	●	M2.6 x 0.45	D3	Modified Bottom (2.5P)	50.00	3.70	13.00	3.58	2.79	4.76	2
1650009708	●	M3 x 0.35	D2	Bottom (1.5P)	56.00	4.00	18.00	3.58	2.79	4.76	3
1650004108	●	M3 x 0.35	D3	Modified Bottom (2.5P)	56.00	4.00	18.00	3.58	2.79	4.76	3
1650009808	●	M3 x 0.5	D3	Bottom (1.5P)	56.00	4.00	18.00	3.58	2.79	4.76	3
1650000108	●	M3 x 0.5	D3	Modified Bottom (2.5P)	56.00	4.00	18.00	3.58	2.79	4.76	3
1650009908	●	M3.5 x 0.35	D3	Bottom (1.5P)	56.00	4.80	20.00	3.58	2.79	4.76	3
1650004208	●	M3.5 x 0.35	D3	Modified Bottom (2.5P)	56.00	4.80	20.00	3.58	2.79	4.76	3
1650010008	●	M3.5 x 0.6	D3	Bottom (1.5P)	56.00	4.80	20.00	3.58	2.79	4.76	3
1650004308	●	M3.5 x 0.6	D3	Modified Bottom (2.5P)	56.00	4.80	20.00	3.58	2.79	4.76	3
1650010108	●	M4 x 0.5	D3	Bottom (1.5P)	63.00	5.60	20.90	4.27	3.33	6.35	3
1650000208	●	M4 x 0.5	D3	Modified Bottom (2.5P)	63.00	5.60	20.90	4.27	3.33	6.35	3
1650010208	●	M4 x 0.7	D4	Bottom (1.5P)	63.00	5.60	20.90	4.27	3.33	6.35	3
1650000308	●	M4 x 0.7	D4	Modified Bottom (2.5P)	63.00	5.60	20.90	4.27	3.33	6.35	3
1650010308	●	M4.5 x 0.5	D3	Bottom (1.5P)	70.00	6.10	24.90	4.93	3.86	6.35	3
1650004408	●	M4.5 x 0.5	D3	Modified Bottom (2.5P)	70.00	6.10	24.90	4.93	3.86	6.35	3
1650010408	●	M4.5 x 0.75	D4	Bottom (1.5P)	70.00	6.10	24.90	4.93	3.86	6.35	3
1650004508	●	M4.5 x 0.75	D4	Modified Bottom (2.5P)	70.00	6.10	24.90	4.93	3.86	6.35	3
1650010508	●	M5 x 0.5	D3	Bottom (1.5P)	70.00	6.40	25.10	4.93	3.86	6.35	3
1650000408	●	M5 x 0.5	D3	Modified Bottom (2.5P)	70.00	6.40	25.10	4.93	3.86	6.35	3
1650010608	●	M5 x 0.8	D4	Bottom (1.5P)	70.00	6.40	25.10	4.93	3.86	6.35	3
1650000508	●	M5 x 0.8	D4	Modified Bottom (2.5P)	70.00	6.40	25.10	4.93	3.86	6.35	3
1650010708	●	M5.5 x 0.5	D3	Bottom (1.5P)	80.00	7.30	30.10	5.59	4.19	7.14	3
1650004608	●	M5.5 x 0.5	D3	Modified Bottom (2.5P)	80.00	7.30	30.10	5.59	4.19	7.14	3
1650010808	●	M6 x 0.5	D3	Bottom (1.5P)	80.00	8.00	29.90	6.48	4.85	7.94	3
1650000608	●	M6 x 0.5	D3	Modified Bottom (2.5P)	80.00	8.00	29.90	6.48	4.85	7.94	3
1650010908	●	M6 x 0.75	D4	Bottom (1.5P)	80.00	8.00	29.90	6.48	4.85	7.94	3
1650000708	●	M6 x 0.75	D4	Modified Bottom (2.5P)	80.00	8.00	29.90	6.48	4.85	7.94	3
1650011008	●	M6 x 1	D5	Bottom (1.5P)	80.00	8.00	29.90	6.48	4.85	7.94	3
1650000808	●	M6 x 1	D5	Modified Bottom (2.5P)	80.00	8.00	29.90	6.48	4.85	7.94	3
1650011108	●	M7 x 0.75	D4	Bottom (1.5P)	80.00	8.00	30.00	8.08	6.05	9.53	3
1650004708	●	M7 x 0.75	D4	Modified Bottom (2.5P)	80.00	8.00	30.00	8.08	6.05	9.53	3
1650011208	●	M7 x 1	D5	Bottom (1.5P)	80.00	8.00	30.00	8.08	6.05	9.53	3
1650004808	●	M7 x 1	D5	Modified Bottom (2.5P)	80.00	8.00	30.00	8.08	6.05	9.53	3
1650011308	●	M8 x 0.75	D4	Bottom (1.5P)	80.00	8.00	33.00	8.08	6.05	9.53	3
1650004908	●	M8 x 0.75	D4	Modified Bottom (2.5P)	80.00	8.00	33.00	8.08	6.05	9.53	3
1650011408	●	M8 x 1	D5	Bottom (1.5P)	90.00	10.00	35.00	8.08	6.05	9.53	3
1650000908	●	M8 x 1	D5	Modified Bottom (2.5P)	90.00	10.00	35.00	8.08	6.05	9.53	3
1650011508	●	M8 x 1.25	D5	Bottom (1.5P)	90.00	10.00	35.00	8.08	6.05	9.53	3
1650001008	●	M8 x 1.25	D5	Modified Bottom (2.5P)	90.00	10.00	35.00	8.08	6.05	9.53	3
1650011608	●	M9 x 0.75	D4	Bottom (1.5P)	90.00	8.00	35.00	9.68	7.26	11.11	3
1650005008	●	M9 x 0.75	D4	Modified Bottom (2.5P)	90.00	8.00	35.00	9.68	7.26	11.11	3
1650011708	●	M9 x 1	D5	Bottom (1.5P)	90.00	10.00	35.00	9.68	7.26	11.11	3

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





## List 16500 (Continued)

A BRAND A-SFT, DIN Overall Length



EDP Number	Thread Size	Thread Limit	Chamfer Type	Overall Length		Thread Length		Neck Length		Shank Dia.		Square Width		Square Length		Number of Flutes
				L (mm)	Lc (mm)	L1 (mm)	d (mm)	k (mm)	lk (mm)							
1650005108	M9 x 1	D5	Modified Bottom (2.5P)	90.00	10.00	35.00	9.68	7.26	11.11	3						
1650011808	M9 x 1.25	D5	Bottom (1.5P)	90.00	10.00	35.00	9.68	7.26	11.11	3						
1650005208	M9 x 1.25	D5	Modified Bottom (2.5P)	90.00	10.00	35.00	9.68	7.26	11.11	3						
1650011908	M10 x 0.75	D4	Bottom (1.5P)	90.00	10.00	35.00	9.68	7.26	11.11	3						
1650005308	M10 x 0.75	D4	Modified Bottom (2.5P)	90.00	10.00	35.00	9.68	7.26	11.11	3						
1650012008	M10 x 1	D5	Bottom (1.5P)	90.00	10.00	35.00	9.68	7.26	11.11	3						
1650001108	M10 x 1	D5	Modified Bottom (2.5P)	90.00	10.00	35.00	9.68	7.26	11.11	3						
1650012108	M10 x 1.25	D5	Bottom (1.5P)	100.00	12.00	39.00	9.68	7.26	11.11	3						
1650001208	M10 x 1.25	D5	Modified Bottom (2.5P)	100.00	12.00	39.00	9.68	7.26	11.11	3						
1650012208	M10 x 1.5	D6	Bottom (1.5P)	100.00	12.00	39.00	9.68	7.26	11.11	3						
1650001308	M10 x 1.5	D6	Modified Bottom (2.5P)	100.00	12.00	39.00	9.68	7.26	11.11	3						
1650012308	M11 x 0.75	D4	Bottom (1.5P)	90.00	8.00	43.50	8.20	6.15	10.32	3						
1650005408	M11 x 0.75	D4	Modified Bottom (2.5P)	90.00	8.00	43.50	8.20	6.15	10.32	3						
1650012408	M11 x 1	D5	Bottom (1.5P)	90.00	12.00	43.50	8.20	6.15	10.32	3						
1650005508	M11 x 1	D5	Modified Bottom (2.5P)	90.00	12.00	43.50	8.20	6.15	10.32	3						
1650012508	M11 x 1.25	D5	Bottom (1.5P)	100.00	12.00	43.50	8.20	6.15	10.32	3						
1650012608	M11 x 1.5	D6	Bottom (1.5P)	100.00	12.00	43.50	8.20	6.15	10.32	3						
1650005608	M11 x 1.5	D6	Modified Bottom (2.5P)	100.00	12.00	43.50	8.20	6.15	10.32	3						
1650012708	M12 x 1	D5	Bottom (1.5P)	100.00	12.00	49.10	9.32	6.99	11.11	3						
1650001408	M12 x 1	D5	Modified Bottom (2.5P)	100.00	12.00	49.10	9.32	6.99	11.11	3						
1650012808	M12 x 1.25	D6	Bottom (1.5P)	100.00	12.00	49.10	9.32	6.99	11.11	3						
1650001508	M12 x 1.25	D6	Modified Bottom (2.5P)	100.00	12.00	49.10	9.32	6.99	11.11	3						
1650012908	M12 x 1.5	D6	Bottom (1.5P)	100.00	14.00	49.10	9.32	6.99	11.11	3						
1650001608	M12 x 1.5	D6	Modified Bottom (2.5P)	100.00	14.00	49.10	9.32	6.99	11.11	3						
1650013008	M12 x 1.75	D6	Bottom (1.5P)	110.00	14.00	49.10	9.32	6.99	11.11	3						
1650001708	M12 x 1.75	D6	Modified Bottom (2.5P)	110.00	14.00	49.10	9.32	6.99	11.11	3						
1650005708	M14 x 1	D5	Modified Bottom (2.5P)	100.00	12.00	50.10	10.90	8.18	12.70	3						
1650005808	M14 x 1.25	D6	Modified Bottom (2.5P)	100.00	12.00	50.10	10.90	8.18	12.70	3						
1650001808	M14 x 1.5	D6	Modified Bottom (2.5P)	100.00	16.00	50.10	10.90	8.18	12.70	3						
1650001908	M14 x 2	D7	Modified Bottom (2.5P)	110.00	16.00	50.10	10.90	8.18	12.70	3						
1650005908	M15 x 1	D5	Modified Bottom (2.5P)	100.00	12.00	54.00	12.19	9.14	14.29	3						
1650013208	M15 x 1.25	D6	Modified Bottom (2.5P)	100.00	12.00	54.00	12.19	9.14	14.29	3						
1650006008	M15 x 1.5	D6	Modified Bottom (2.5P)	100.00	16.00	54.00	12.19	9.14	14.29	3						
1650013108	M15 x 2	D7	Modified Bottom (2.5P)	110.00	16.00	54.00	12.19	9.14	14.29	3						
1650006108	M16 x 1	D5	Modified Bottom (2.5P)	100.00	12.00	54.00	12.19	9.14	14.29	3						
1650013308	M16 x 1.25	D6	Modified Bottom (2.5P)	100.00	12.00	54.00	12.19	9.14	14.29	3						
1650002008	M16 x 1.5	D6	Modified Bottom (2.5P)	100.00	16.00	54.00	12.19	9.14	14.29	3						
1650002108	M16 x 2	D7	Modified Bottom (2.5P)	110.00	16.00	54.00	12.19	9.14	14.29	3						
1650006308	M17 x 1	D5	Modified Bottom (2.5P)	100.00	12.00	55.00	13.77	10.31	15.88	3						
1650013408	M17 x 1.25	D6	Modified Bottom (2.5P)	100.00	12.00	55.00	13.77	10.31	15.88	3						
1650006208	M17 x 1.5	D6	Modified Bottom (2.5P)	100.00	16.00	55.00	13.77	10.31	15.88	3						
1650006408	M18 x 1	D5	Modified Bottom (2.5P)	100.00	16.00	55.00	13.77	10.31	15.88	4						
1650013508	M18 x 1.25	D6	Modified Bottom (2.5P)	110.00	16.00	55.00	13.77	10.31	15.88	4						
1650002208	M18 x 1.5	D6	Modified Bottom (2.5P)	110.00	16.00	55.00	13.77	10.31	15.88	4						
1650006508	M18 x 2	D7	Modified Bottom (2.5P)	125.00	25.00	55.00	13.77	10.31	15.88	4						
1650002308	M18 x 2.5	D7	Modified Bottom (2.5P)	125.00	25.00	55.00	13.77	10.31	15.88	4						
1650006608	M20 x 1	D5	Modified Bottom (2.5P)	125.00	16.00	61.80	16.56	12.42	17.46	4						

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



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							
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	30-50 SFM	15-35 SFM	15-35 SFM	15-25 SFM	50-80 SFM	70-120 SFM	70-120 SFM								
1018	1045	1065	4140	4340	30-50 SFM	15-35 SFM	15-35 SFM	15-25 SFM	50-80 SFM	70-120 SFM	70-120 SFM								

○ Good ⊙ Best





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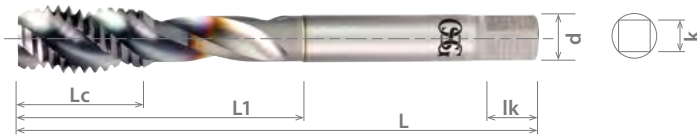
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## List 16500 (Continued)

A BRAND A-SFT, DIN Overall Length



EDP Number	Thread Size	Thread Limit	Chamfer Type	Overall Length	Thread Length	Neck Length	Shank Dia.	Square Width	Square Length	Number of Flutes
				L (mm)	Lc (mm)	L1 (mm)	d (mm)	k (mm)	lk (mm)	
1650002408	M20 x 1.5	D6	Modified Bottom (2.5P)	125.00	16.00	61.80	16.56	12.42	17.46	4
1650006708	M20 x 2	D7	Modified Bottom (2.5P)	140.00	25.00	61.80	16.56	12.42	17.46	4
1650002508	M20 x 2.5	D7	Modified Bottom (2.5P)	140.00	25.00	61.80	16.56	12.42	17.46	4
1650006808	M22 x 1	D5	Modified Bottom (2.5P)	125.00	16.00	67.40	17.70	13.28	19.05	4
1650002608	M22 x 1.5	D6	Modified Bottom (2.5P)	125.00	16.00	67.40	17.70	13.28	19.05	4
1650006908	M22 x 2	D7	Modified Bottom (2.5P)	140.00	25.00	67.40	17.70	13.28	19.05	4
1650002708	M22 x 2.5	D7	Modified Bottom (2.5P)	140.00	25.00	67.40	17.70	13.28	19.05	4
1650007008	M24 x 1	D5	Modified Bottom (2.5P)	140.00	16.00	68.40	19.30	14.48	19.05	4
1650002808	M24 x 1.5	D6	Modified Bottom (2.5P)	140.00	16.00	68.40	19.30	14.48	19.05	4
1650007108	M24 x 2	D7	Modified Bottom (2.5P)	140.00	30.00	68.40	19.30	14.48	19.05	4
1650002908	M24 x 3	D8	Modified Bottom (2.5P)	160.00	30.00	68.40	19.30	14.48	19.05	4
1650007208	M27 x 1.5	D8	Modified Bottom (2.5P)	140.00	24.00	60.00	22.76	17.07	22.23	4
1650007308	M27 x 2	D8	Modified Bottom (2.5P)	140.00	24.00	60.00	22.76	17.07	22.23	4
1650007408	M27 x 3	D10	Modified Bottom (2.5P)	160.00	36.00	80.00	22.76	17.07	22.23	4
1650007508	M30 x 1.5	D8	Modified Bottom (2.5P)	150.00	36.00	70.00	25.93	19.46	25.40	4
1650007608	M30 x 2	D9	Modified Bottom (2.5P)	150.00	36.00	70.00	25.93	19.46	25.40	4
1650007708	M30 x 3.5	D11	Modified Bottom (2.5P)	180.00	42.00	100.00	25.93	19.46	25.40	4
1650007808	M33 x 1.5	D8	Modified Bottom (2.5P)	160.00	36.00	75.00	28.14	21.11	26.99	4
1650007908	M33 x 2	D9	Modified Bottom (2.5P)	160.00	36.00	75.00	28.14	21.11	26.99	4
1650008008	M33 x 3.5	D11	Modified Bottom (2.5P)	180.00	42.00	95.00	28.14	21.11	26.99	4
1650008108	M36 x 1.5	D8	Modified Bottom (2.5P)	170.00	36.00	85.00	31.32	23.50	28.58	4
1650008208	M36 x 2	D9	Modified Bottom (2.5P)	170.00	36.00	85.00	31.32	23.50	28.58	4
1650008308	M36 x 3	D10	Modified Bottom (2.5P)	200.00	36.00	115.00	31.32	23.50	28.58	4
1650008408	M36 x 4	D11	Modified Bottom (2.5P)	200.00	48.00	115.00	31.32	23.50	28.58	4
1650008508	M39 x 4	D11	Modified Bottom (2.5P)	200.00	48.00	110.00	33.15	24.87	28.58	4
1650008608	M42 x 1.5	D8	Modified Bottom (2.5P)	170.00	48.00	70.00	36.32	27.23	31.75	4
1650008708	M42 x 2	D9	Modified Bottom (2.5P)	170.00	48.00	70.00	36.32	27.23	31.75	4
1650008808	M42 x 3	D10	Modified Bottom (2.5P)	200.00	48.00	100.00	36.32	27.23	31.75	4
1650008908	M42 x 4.5	D12	Modified Bottom (2.5P)	200.00	54.00	100.00	36.32	27.23	31.75	4
1650009008	M45 x 3	D10	Modified Bottom (2.5P)	200.00	48.00	100.00	38.58	28.93	31.75	4
1650009108	M45 x 4.5	D12	Modified Bottom (2.5P)	220.00	54.00	120.00	38.58	28.93	31.75	4
1650009208	M48 x 1.5	D8	Modified Bottom (2.5P)	190.00	48.00	80.00	41.76	31.32	34.93	4
1650009308	M48 x 2	D9	Modified Bottom (2.5P)	190.00	48.00	80.00	41.76	31.32	34.93	4
1650009408	M48 x 3	D11	Modified Bottom (2.5P)	225.00	48.00	115.00	41.76	31.32	34.93	4
1650009508	M48 x 5	D13	Modified Bottom (2.5P)	250.00	60.00	140.00	41.76	31.32	34.93	4
1650009608	M56 x 5.5	D14	Modified Bottom (2.5P)	250.00	66.00	130.00	48.11	36.07	36.51	4

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



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								
Low	Medium	High							6061	7075			Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC	
1010	1035	1065	4140	4340	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
1018	1045	1065	4140	4340	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
80-120 SFM	80-120 SFM	80-120 SFM	35-50 SFM	20-40 SFM	15-35 SFM	15-35 SFM	15-25 SFM	50-80 SFM	70-120 SFM	70-120 SFM				30-55 SFM						

○ Good ○ Best

