



S = Short Formdrill, leaves top collar (thin materials)



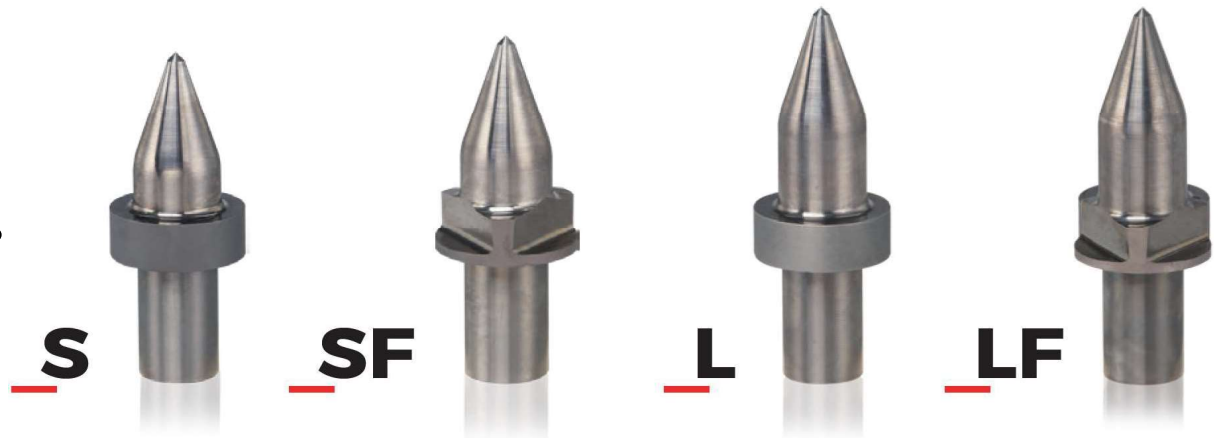
SF = Short/Flat Formdrill, removes top collar for Flat surface (thin materials)



L = Long Formdrill, leaves top collar (thicker materials)



LF = Long/Flat Formdrill, removes top collar for Flat surface (thicker materials)



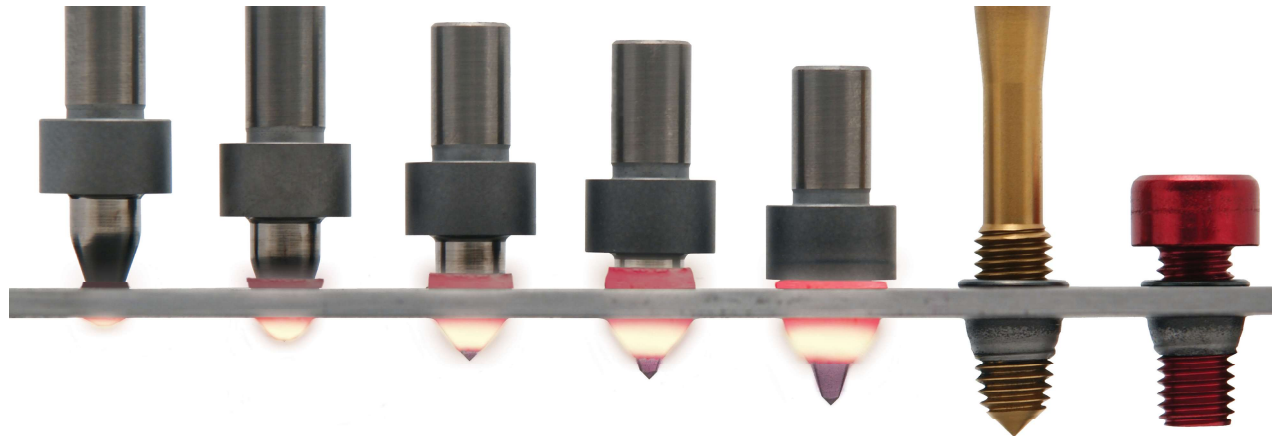
Note: All Parameters and drill sizes are for mild steel. Other materials may have variations. Please consult factory for more information

Metric Coarse Threads															
Thread	Nr.Collet	Material thickness		Speed Rpm.	Motor Power (kW.)	Short		Short/Flat		Long		Long/Flat		Formtap	
		Short	Long			SKU	SKU	SKU	SKU	SKU	SKU				
M3X0,5	6	1,5	2,5	3.000	0,80	FD0270S		FD0270SF		FD0270L		FD0270LF		FTM3	
M4X0,7	6	1,5	2,5	3.000	1,00	FD0370S		FD0370SF		FD0370L		FD0370LF		FTM4	
M5X0,8	8	2,0	2,5	2.800	1,00	FD0450S		FD0450SF		FD0450L		FD0450LF		FTM5	
M6X1,0	8	2,0	3,0	2.800	1,25	FD0530S		FD0530SF		FD0530L		FD0530LF		FTM6	
M8X1,25	8	2,5	4,0	2.500	1,50	FD0730S		FD0730SF		FD0730L		FD0730LF		FTM8	
M10X1,5	10	3,0	5,0	2.200	1,80	FD0920S		FD0920SF		FD0920L		FD0920LF		FTM10	
M12X1,75	12	3,0	6,0	2.000	2,00	FD1090S		FD1090SF		FD1090L		FD1090LF		FTM12	
M14X2,0	14	3,0	7,0	1.800	2,20	FD1300S		FD1300SF		FD1300L		FD1300LF		FTM14	
M16X2,0	16	3,5	8,0	1.500	2,50	FD1480S		FD1480SF		FD1480L		FD1480LF		FTM16	
M18X2,5	16	3,5	8,0	1.500	2,80	FD1670S		FD1670SF		FD1670L		FD1670LF		FTM18	
M20x2,5	18	4,0	10,0	1.100	3,00	FD1870S		FD1870SF		FD1870L		FD1870LF		FTM20	

Metric Fine Threads

Form your own inserts

Thread	Nr.Collet	Material thickness		Speed Rpm.	Motor Power (kW.)	Short		Short/Flat		Long		Long/Flat		Formtap	
		Short	Long			SKU	SKU	SKU	SKU	SKU	SKU				
M4X0,5	6	1,5	2,5	3.000	1,00	FD0380S		FD0380SF		FD0380L		FD0380LF		FTM4X0.5	
M5X0,5	8	2,0	2,5	2.800	1,00	FD0480S		FD0480SF		FD0480L		FD0480LF		FTM5X0.5	
M6X0,75	8	2,0	3,0	2.800	1,25	FD0560S		FD0560SF		FD0560L		FD0560LF		FTM6X0.75	
M6X0,5	8	2,0	3,0	2.800	1,25	FD0580S		FD0580SF		FD0580L		FD0580LF		FTM6X0.5	
M8X1,0	8	2,5	4,0	2.500	1,50	FD0750S		FD0750SF		FD0750L		FD0750LF		FTM8X1.0	
M8X0,75	8	2,5	4,0	2.500	1,50	FD0760S		FD0760SF		FD0760L		FD0760LF		FTM8X0.75	
M10X1,25	10	3,0	5,0	2.200	1,80	FD0930S		FD0930SF		FD0930L		FD0930LF		FTM10X1.25	
M10X1,0	10	3,0	5,0	2.200	1,80	FD0950S		FD0950SF		FD0950L		FD0950LF		FTM10X1.0	
M12X1,5	12	3,0	6,0	2.000	2,00	FD1120S		FD1120SF		FD1120L		FD1120LF		FTM12X1.5	
M12X1,0	12	3,0	6,0	2.000	2,00	FD1150S		FD1150SF		FD1150L		FD1150LF		FTM12X1.0	
M16X1,5	16	3,5	8,0	1.500	2,50	FD1520S		FD1520SF		FD1520L		FD1520LF		FTM16X1.5	
M16x1,0	16	3,5	8,0	1.500	2,50	FD1550S		FD1550SF		FD1550L		FD1550LF		FTM16X1.0	
M18x1,5	18	4,0	8,0	1.500	2,80	FD1710S		FD1710SF		FD1710L		FD1710LF		FTM18X1.5	
M20x1,5	18	4,0	10,0	1.100	3,00	FD1920S		FD1920SF		FD1920L		FD1920LF		FTM20X1.5	
M20x1,0	18	4,0	10,0	1.100	3,00	FD1950S		FD1950SF		FD1950L		FD1950LF		FTM20X1.0	



BSP Threads (British Standard Pipe) - G

Thread	Nr.Collet	Material thickness		Speed Rpm.	Motor Power (kW.)	Short		Short/Flat		Long		Long/Flat		Formtap	
		Short	Long			SKU	SKU	SKU	SKU	SKU	SKU				
1/8" BSP	10	3,0	5,0	2.200	1,8	FD0920S		FD0920SF		FD0920L		FD0920LF		FT1/8BSP	
1/4" BSP	12	3,0	5,0	2.000	2,0	FD1240S		FD1240SF		FD1240L		FD1240LF		FT1/4BSP	
3/8" BSP	16	3,0	6,0	1.500	2,5	FD1590S		FD1590SF		FD1590L		FD1590LF		FT3/8BSP	
1/2" BSP	18	4,0	8,0	1.000	3,0	FD1990S		FD1990SF		FD1990L		FD1990LF		FT1/2BSP	
3/4" BSP	20	4,0	8,0	800	4,0	FD2540S		FD2540SF		FD2540L		FD2540LF		FT3/4BSP	

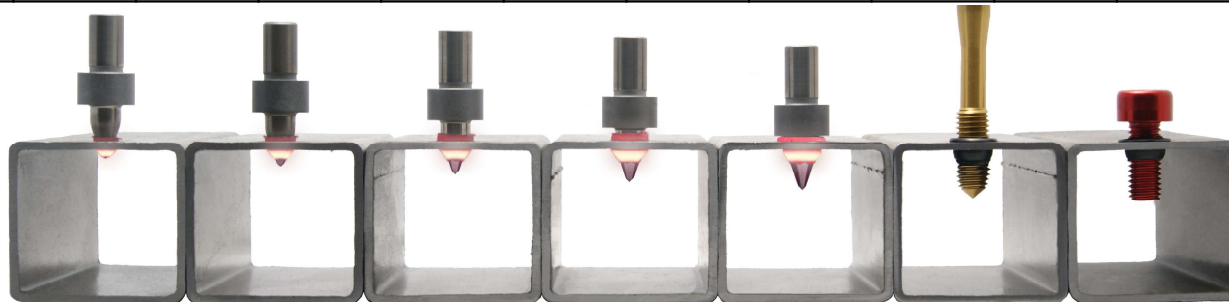


Thermal drilling system

UNC Coarse Threads

Form your own inserts

Thread	Nr.Collet	Material thickness		Speed Rpm.	Motor Power (kW.)	Short		Short/Flat		Long		Long/Flat		Formtap	
		Short	Long			SKU	SKU	SKU	SKU	SKU	SKU				
#6-32	6	1,5	2,5	3000	0,80	FD0310S		FD0310SF		FD0310L		FD0310LF		FT6UNC	
#8-32	6	1,5	2,5	3000	1,00	FD0380S		FD0380SF		FD0380L		FD0380LF		FT8UNC	
#10-24	8	2,0	2,5	2800	1,00	FD0430S		FD0430SF		FD0430L		FD0430LF		FT10UNC	
#12-24	8	2,0	3,0	2800	1,25	FD0490S		FD0490SF		FD0490L		FD0490LF		FT12UNC	
1/4"-20	8	2,0	3,0	2800	1,25	FD0570S		FD0570SF		FD0570L		FD0570LF		FT14UNC	
5/16"-18	8	2,5	4,0	2500	1,50	FD0720S		FD0720SF		FD0720L		FD0720LF		FT5/16UNC	
3/8"-16	10	2,5	4,5	2200	1,80	FD0870S		FD0870SF		FD0870L		FD0870LF		FT3/8UNC	
7/16"-14	12	3,0	5,0	2000	2,00	FD1020S		FD1020SF		FD1020L		FD1020LF		FT7/16UNC	
1/2"-13	12	3,0	6,0	1800	2,00	FD1170S		FD1170SF		FD1170L		FD1170LF		FT1/2UNC	
9/16"-12	14	3,0	6,0	1800	2,50	FD1320S		FD1320SF		FD1320L		FD1320LF		FT9/16UNC	
5/8"-11	14	3,5	8,0	1500	2,50	FD1470S		FD1470SF		FD1470L		FD1470LF		FT5/8UNC	
3/4"-10	18	3,5	10,0	1200	3,00	FD1780S		FD1780SF		FD1780L		FD1780LF		FT3/4UNC	



UNF Fine Threads

Thread	Nr.Collet	Material thickness		Speed Rpm.	Motor Power (kW.)	Short		Short/Flat		Long		Long/Flat		Formtap	
		Short	Long			SKU	SKU	SKU	SKU	SKU	SKU				
#6-40	6	1,5	2,5	3000	0,80	FD0320S		FD0320SF		FD0320L		FD0320LF		FT6UNF	
#8-36	6	1,5	2,5	3000	1,00	FD0390S		FD0390SF		FD0390L		FD0390LF		FT8UNF	
#10-32	8	2,0	2,5	2800	1,00	FD0440S		FD0440SF		FD0440L		FD0440LF		FT10UNF	
#12-28	8	2,0	3,0	2800	1,25	FD0500S		FD0500SF		FD0500L		FD0500LF		FT12UNF	
1/4"-28	8	2,0	3,0	2800	1,25	FD0590S		FD0590SF		FD0590L		FD0590LF		FT14UNF	
5/16"-24	8	2,5	4,0	2500	1,50	FD0740S		FD0740SF		FD0740L		FD0740LF		FT5/16UNF	
3/8"-24	10	2,5	4,5	2200	1,80	FD0900S		FD0900SF		FD0900L		FD0900LF		FT3/8UNF	
7/16"-20	12	3,0	5,0	2000	2,00	FD1040S		FD1040SF		FD1040L		FD1040LF		FT7/16UNF	
1/2"-20	12	3,0	6,0	1800	2,00	FD1210S		FD1210SF		FD1210L		FD1210LF		FT1/2UNF	
9/16"-18	14	3,0	6,0	1800	2,50	FD1360S		FD1360SF		FD1360L		FD1360LF		FT9/16UNF	
5/8"-18	16	3,5	8,0	1500	2,50	FD1520S		FD1520SF		FD1520L		FD1520LF		FT5/8UNF	
3/4"-16	18	3,5	10,0	1200	3,00	FD1830S		FD1830SF		FD1830L		FD1830LF		FT3/4UNF	



Collets for Holders range 2,0-16,9		
SKU	Formdrill range	
FD430E6	2,0mm to 3,9mm	
FD430E8	4,0mm to 7,9mm	
FD430E10	8,0mm to 9,9mm	
FD430E12	10,0mm to 12,9mm	
FD430E14	13,0mm to 14,9mm	
FD430E16	15,0mm to 16,9mm	
FD430E16	15,0mm to 16,9mm	

SKU	Description	Formdrill range	Collets
FDMC2	Morse taper #2, with heat sink	2,0mm to 16,9mm	FD430Exx
FDCYL430	Straight shank 20mm, with heat sink	2,0mm to 16,9mm	FD430Exx
FDMC3	Morse taper #3, with heat sink	2,0mm to 25,4mm	FD470Exx
FDCYL470	Straight shank 20mm, with heat sink	2,0mm to 25,4mm	FD470Exx
FDISO30-1/2	ISO30 Holder, with heat sink DIN 2080 or 69871	2,0mm to 16,9mm	FD430Exx
FDISO40-1/2	ISO40 Holder, with heat sink DIN 2080 or 69871	2,0mm to 25,4mm	FD470Exx
FDBT30	BT30 Holder, with heat sink	2,0mm to 16,9mm	FD430Exx
FDBT40	BT40 Holder, with heat sink	2,0mm to 25,4mm	FD470Exx
FDCAT30	CAT30 Holder, with heat sink	2,0mm to 16,9mm	FD430Exx
FDCAT40	CAT40 Holder, with heat sink	2,0mm to 25,4mm	FD470Exx
FDHSK63-A/F	HSK63 Holder, with heat sink type A&F available	2,0mm to 16,9mm	FD430Exx

Collets for Holders range 2,0-25,4		
SKU	Formdrill range	
FD470E6	2,0mm to 3,9mm	
FD470E6	2,0mm to 3,9mm	
FD470E8	4,0mm to 7,9mm	
FD470E10	8,0mm to 9,9mm	
FD470E12	10,0mm to 12,9mm	
FD470E14	13,0mm to 14,9mm	
FD470E16	15,0mm to 16,9mm	
FD470E18	17,0mm to 19,9mm	
FD470E20	20,0mm to 25,4mm	

SKU	Description	Content
FDKSO	Paste lubricant Formdrill in steel and stainless steel	1,0 kg.
FDKSOF	Fluid lubricant Formdrill in steel and stainless steel	1,0 L.
FDKSOFSP	Fluid lubricant Formdrill for MSQ L Lub units	1,0 kg.
FTOIL	Oil lubricant for Formtaps	1,0 L.

