



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



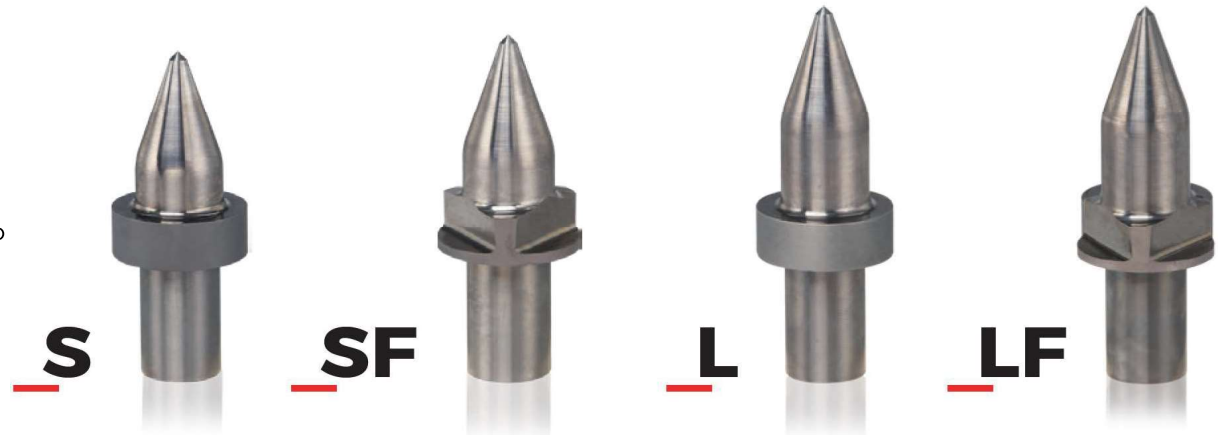
SF = Short/Flat Formdrill, removes top collar for Flat surface (thin materials)



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



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



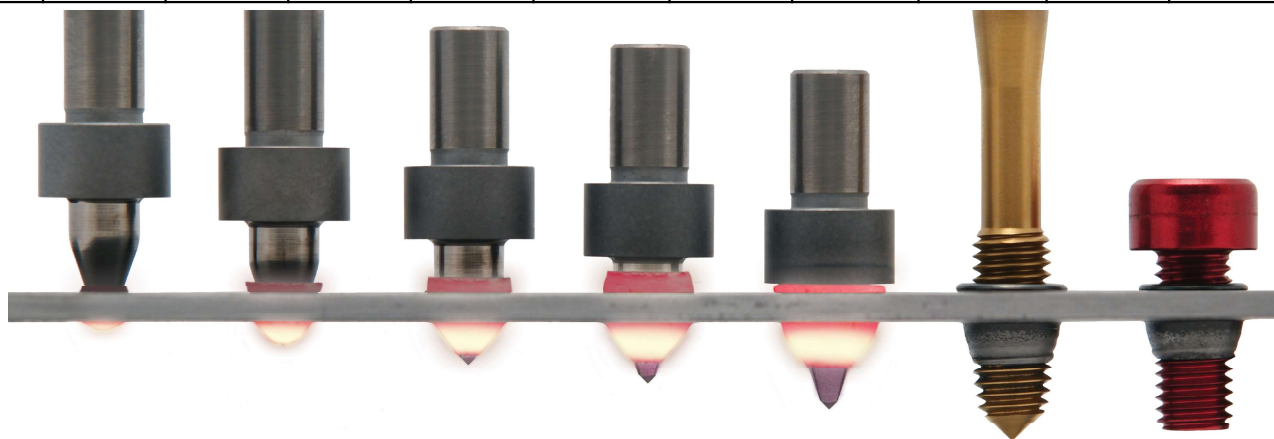
Note: All Parameters and drill sizes are for mild steel. Other materials may have variations. Please consult factory for more information

### Metric Coarse Threads

Thread	Nr.Collet	Material thickness		Speed Rpm.	Motor Power (kW.)	Short		Short/Flat		Long		Long/Flat		Formtap	
		Short	Long			SKU	Price	SKU	Price	SKU	Price	SKU	Price	SKU	Price
<b>M3X0,5</b>	6	1,5	2,5	3.000	0,80	FD0270S	¥441,00	FD0270SF	¥558,00	FD0270L	¥441,00	FD0270LF	¥576,00	FTM3	¥243,00
<b>M4X0,7</b>	6	1,5	2,5	3.000	1,00	FD0370S	¥441,00	FD0370SF	¥558,00	FD0370L	¥459,00	FD0370LF	¥576,00	FTM4	¥243,00
<b>M5X0,8</b>	8	2,0	2,5	2.800	1,00	FD0450S	¥468,00	FD0450SF	¥729,00	FD0450L	¥468,00	FD0450LF	¥738,00	FTM5	¥252,00
<b>M6X1,0</b>	8	2,0	3,0	2.800	1,25	FD0530S	¥495,00	FD0530SF	¥819,00	FD0530L	¥513,00	FD0530LF	¥837,00	FTM6	¥261,00
<b>M8X1,25</b>	8	2,5	4,0	2.500	1,50	FD0730S	¥594,00	FD0730SF	¥945,00	FD0730L	¥630,00	FD0730LF	¥990,00	FTM8	¥279,00
<b>M10X1,5</b>	10	3,0	5,0	2.200	1,80	FD0920S	¥738,00	FD0920SF	¥1.080,00	FD0920L	¥765,00	FD0920LF	¥1.089,00	FTM10	¥324,00
<b>M12X1,75</b>	12	3,0	6,0	2.000	2,00	FD1090S	¥801,00	FD1090SF	¥1.134,00	FD1090L	¥837,00	FD1090LF	¥1.161,00	FTM12	¥432,00
<b>M14X2,0</b>	14	3,0	7,0	1.800	2,20	FD1300S	¥1.080,00	FD1300SF	¥1.323,00	FD1300L	¥1.134,00	FD1300LF	¥1.377,00	FTM14	¥756,00
<b>M16X2,0</b>	16	3,5	8,0	1.500	2,50	FD1480S	¥1.179,00	FD1480SF	¥1.395,00	FD1480L	¥1.242,00	FD1480LF	¥1.521,00	FTM16	¥891,00
<b>M18X2,5</b>	16	3,5	8,0	1.500	2,80	FD1670S	¥1.440,00	FD1670SF	¥1.764,00	FD1670L	¥1.503,00	FD1670LF	¥1.836,00	FTM18	¥1.026,00
<b>M20x2,5</b>	18	4,0	10,0	1.100	3,00	FD1870S	¥1.656,00	FD1870SF	¥2.025,00	FD1870L	¥1.710,00	FD1870LF	¥2.088,00	FTM20	¥1.233,00

**Metric Fine Threads** **Form your own inserts**

Thread	Nr.Collet	Material thickness		Speed	Motor	Short		Short/Flat		Long		Long/Flat		Formtap	
		Short	Long	Rpm.	Power (kW.)	SKU	Price	SKU	Price	SKU	Price	SKU	Price	SKU	Price
<b>M4X0,5</b>	6	1,5	2,5	3.000	1,00	FD0380S	¥441,00	FD0380SF	¥558,00	FD0380L	¥459,00	FD0380LF	¥576,00	FTM4X0.5	¥405,00
<b>M5X0,5</b>	8	2,0	2,5	2.800	1,00	FD0480S	¥468,00	FD0480SF	¥729,00	FD0480L	¥468,00	FD0480LF	¥738,00	FTM5X0.5	P.o.r.
<b>M6X0,75</b>	8	2,0	3,0	2.800	1,25	FD0560S	¥495,00	FD0560SF	¥819,00	FD0560L	¥513,00	FD0560LF	¥837,00	FTM6X0.75	¥405,00
<b>M6X0,5</b>	8	2,0	3,0	2.800	1,25	FD0580S	¥495,00	FD0580SF	¥819,00	FD0580L	¥513,00	FD0580LF	¥837,00	FTM6X0.5	¥432,00
<b>M8X1,0</b>	8	2,5	4,0	2.500	1,50	FD0750S	¥594,00	FD0750SF	¥945,00	FD0750L	¥630,00	FD0750LF	¥990,00	FTM8X1.0	¥342,00
<b>M8X0,75</b>	8	2,5	4,0	2.500	1,50	FD0760S	¥594,00	FD0760SF	¥945,00	FD0760L	¥630,00	FD0760LF	¥990,00	FTM8X0.75	¥405,00
<b>M10X1,25</b>	10	3,0	5,0	2.200	1,80	FD0930S	¥738,00	FD0930SF	¥1.080,00	FD0930L	¥765,00	FD0930LF	¥1.089,00	FTM10X1.25	¥486,00
<b>M10X1,0</b>	10	3,0	5,0	2.200	1,80	FD0950S	¥738,00	FD0950SF	¥1.080,00	FD0950L	¥765,00	FD0950LF	¥1.089,00	FTM10X1.0	¥459,00
<b>M12X1,5</b>	12	3,0	6,0	2.000	2,00	FD1120S	¥891,00	FD1120SF	¥1.197,00	FD1120L	¥927,00	FD1120LF	¥1.242,00	FTM12X1.5	¥585,00
<b>M12X1,0</b>	12	3,0	6,0	2.000	2,00	FD1150S	¥891,00	FD1150SF	¥1.197,00	FD1150L	¥927,00	FD1150LF	¥1.242,00	FTM12X1.0	¥495,00
<b>M16X1,5</b>	16	3,5	8,0	1.500	2,50	FD1520S	¥1.314,00	FD1520SF	¥1.602,00	FD1520L	¥1.368,00	FD1520LF	¥1.656,00	FTM16X1.5	¥981,00
<b>M16x1,0</b>	16	3,5	8,0	1.500	2,50	FD1550S	¥1.314,00	FD1550SF	¥1.602,00	FD1550L	¥1.368,00	FD1550LF	¥1.656,00	FTM16X1.0	¥981,00
<b>M18x1,5</b>	18	4,0	8,0	1.500	2,80	FD1710S	¥1.566,00	FD1710SF	¥1.917,00	FD1710L	¥1.611,00	FD1710LF	¥1.962,00	FTM18X1.5	¥1.188,00
<b>M20x1,5</b>	18	4,0	10,0	1.100	3,00	FD1920S	¥1.773,00	FD1920SF	¥2.169,00	FD1920L	¥1.836,00	FD1920LF	¥2.232,00	FTM20X1.5	P.o.r.
<b>M20x1,0</b>	18	4,0	10,0	1.100	3,00	FD1950S	¥1.773,00	FD1950SF	¥2.169,00	FD1950L	¥1.836,00	FD1950LF	¥2.232,00	FTM20X1.0	P.o.r.

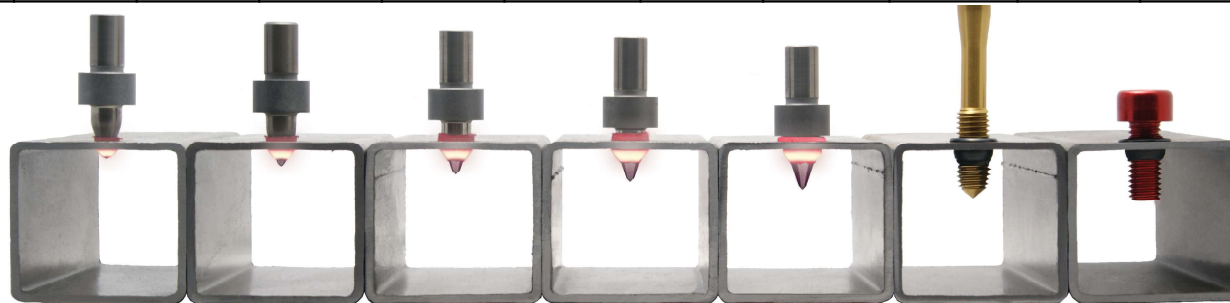


**BSP Threads (British Standard Pipe) - G**

Thread	Nr.Collet	Material thickness		Speed	Motor	Short		Short/Flat		Long		Long/Flat		Formtap	
		Short	Long	Rpm.	Power (kW.)	SKU	Price	SKU	Price	SKU	Price	SKU	Price	SKU	Price
<b>1/8" BSP</b>	10	3,0	5,0	2.200	1,8	FD0920S	¥738,00	FD0920SF	¥1.080,00	FD0920L	¥765,00	FD0920LF	¥1.089,00	FT1/8BSP	¥477,00
<b>1/4" BSP</b>	12	3,0	5,0	2.000	2,0	FD1240S	¥963,00	FD1240SF	¥1.242,00	FD1240L	¥990,00	FD1240LF	¥1.260,00	FT1/4BSP	¥594,00
<b>3/8" BSP</b>	16	3,0	6,0	1.500	2,5	FD1590S	¥1.314,00	FD1590SF	¥1.602,00	FD1590L	¥1.368,00	FD1590LF	¥1.656,00	FT3/8BSP	¥711,00
<b>1/2" BSP</b>	18	4,0	8,0	1.000	3,0	FD1990S	¥1.773,00	FD1990SF	¥2.169,00	FD1990L	¥1.836,00	FD1990LF	¥2.232,00	FT1/2BSP	¥963,00
<b>3/4" BSP</b>	20	4,0	8,0	800	4,0	FD2540S	¥2.601,00	FD2540SF	¥3.249,00	FD2540L	¥2.673,00	FD2540LF	¥3.348,00	FT3/4BSP	¥1.701,00

## UNC Coarse Threads Form your own inserts

Thread	Nr.Collet	Material thickness		Speed	Motor	Short		Short/Flat		Long		Long/Flat		Formtap	
		Short	Long			Rpm.	Power (kW.)	SKU	Price	SKU	Price	SKU	Price	SKU	Price
#6-32	6	1,5	2,5	3000	0,80	FD0310S	¥441,00	FD0310SF	¥558,00	FD0310L	¥459,00	FD0310LF	¥576,00	FT6UNC	¥378,00
#8-32	6	1,5	2,5	3000	1,00	FD0380S	¥441,00	FD0380SF	¥558,00	FD0380L	¥459,00	FD0380LF	¥576,00	FT8UNC	¥315,00
#10-24	8	2,0	2,5	2800	1,00	FD0430S	¥468,00	FD0430SF	¥729,00	FD0430L	¥468,00	FD0430LF	¥738,00	FT10UNC	¥315,00
#12-24	8	2,0	3,0	2800	1,25	FD0490S	¥468,00	FD0490SF	¥729,00	FD0490L	¥468,00	FD0490LF	¥738,00	FT12UNC	¥315,00
1/4"-20	8	2,0	3,0	2800	1,25	FD0570S	¥495,00	FD0570SF	¥819,00	FD0570L	¥513,00	FD0570LF	¥837,00	FT14UNC	¥315,00
5/16"-18	8	2,5	4,0	2500	1,50	FD0720S	¥594,00	FD0720SF	¥945,00	FD0720L	¥630,00	FD0720LF	¥990,00	FT5/16UNC	¥405,00
3/8"-16	10	2,5	4,5	2200	1,80	FD0870S	¥666,00	FD0870SF	¥1.017,00	FD0870L	¥702,00	FD0870LF	¥1.053,00	FT3/8UNC	¥513,00
7/16"-14	12	3,0	5,0	2000	2,00	FD1020S	¥801,00	FD1020SF	¥1.134,00	FD1020L	¥837,00	FD1020LF	¥1.161,00	FT7/16UNC	¥684,00
1/2"-13	12	3,0	6,0	1800	2,00	FD1170S	¥891,00	FD1170SF	¥1.197,00	FD1170L	¥927,00	FD1170LF	¥1.242,00	FT12UNC	¥684,00
9/16"-12	14	3,0	6,0	1800	2,50	FD1320S	¥1.080,00	FD1320SF	¥1.323,00	FD1320L	¥1.134,00	FD1320LF	¥1.377,00	FT9/16UNC	¥945,00
5/8"-11	14	3,5	8,0	1500	2,50	FD1470S	¥1.179,00	FD1470SF	¥1.395,00	FD1470L	¥1.242,00	FD1470LF	¥1.521,00	FT5/8UNC	¥945,00
3/4"-10	18	3,5	10,0	1200	3,00	FD1780S	¥1.566,00	FD1780SF	¥1.917,00	FD1780L	¥1.611,00	FD1780LF	¥1.962,00	FT3/4UNC	¥1.458,00



## UNF Fine Threads

Thread	Nr.Collet	Material thickness		Speed	Motor	Short		Short/Flat		Long		Long/Flat		Formtap	
		Short	Long			Rpm.	Power (kW.)	SKU	Price	SKU	Price	SKU	Price	SKU	Price
#6-40	6	1,5	2,5	3000	0,80	FD0320S	¥441,00	FD0320SF	¥558,00	FD0320L	¥459,00	FD0320LF	¥576,00	FT6UNF	¥378,00
#8-36	6	1,5	2,5	3000	1,00	FD0390S	¥441,00	FD0390SF	¥558,00	FD0390L	¥459,00	FD0390LF	¥576,00	FT8UNF	¥315,00
#10-32	8	2,0	2,5	2800	1,00	FD0440S	¥468,00	FD0440SF	¥729,00	FD0440L	¥468,00	FD0440LF	¥738,00	FT10UNF	¥315,00
#12-28	8	2,0	3,0	2800	1,25	FD0500S	¥495,00	FD0500SF	¥819,00	FD0500L	¥513,00	FD0500LF	¥837,00	FT12UNF	¥315,00
1/4"-28	8	2,0	3,0	2800	1,25	FD0590S	¥495,00	FD0590SF	¥819,00	FD0590L	¥513,00	FD0590LF	¥837,00	FT14UNF	¥315,00
5/16"-24	8	2,5	4,0	2500	1,50	FD0740S	¥594,00	FD0740SF	¥945,00	FD0740L	¥630,00	FD0740LF	¥990,00	FT5/16UNF	¥405,00
3/8"-24	10	2,5	4,5	2200	1,80	FD0900S	¥738,00	FD0900SF	¥1.080,00	FD0900L	¥765,00	FD0900LF	¥1.089,00	FT3/8UNF	¥513,00
7/16"-20	12	3,0	5,0	2000	2,00	FD1040S	¥801,00	FD1040SF	¥1.134,00	FD1040L	¥837,00	FD1040LF	¥1.161,00	FT7/16UNF	¥684,00
1/2"-20	12	3,0	6,0	1800	2,00	FD1210S	¥963,00	FD1210SF	¥1.242,00	FD1210L	¥990,00	FD1210LF	¥1.260,00	FT12UNF	¥684,00
9/16"-18	14	3,0	6,0	1800	2,50	FD1360S	¥1.080,00	FD1360SF	¥1.323,00	FD1360L	¥1.134,00	FD1360LF	¥1.377,00	FT9/16UNF	¥945,00
5/8"-18	16	3,5	8,0	1500	2,50	FD1520S	¥1.314,00	FD1520SF	¥1.602,00	FD1520L	¥1.368,00	FD1520LF	¥1.656,00	FT5/8UNF	¥945,00
3/4"-16	18	3,5	10,0	1200	3,00	FD1830S	¥1.656,00	FD1830SF	¥2.025,00	FD1830L	¥1.710,00	FD1830LF	¥2.088,00	FT3/4UNF	¥1.458,00

## Tool holders & collets

## Form your own inserts



Collets for Holders range 2,0-16,9		
SKU	Formdrill range	Price
FD430E6	2,0mm to 3,9mm	¥378,00
FD430E8	4,0mm to 7,9mm	¥378,00
FD430E10	8,0mm to 9,9mm	¥378,00
FD430E12	10,0mm to 12,9mm	¥378,00
FD430E14	13,0mm to 14,9mm	¥378,00
FD430E16	15,0mm to 16,9mm	¥378,00
FD430E16	15,0mm to 16,9mm	¥378,00

SKU	Description	Formdrill range	Collets	Price
FDMC2	Morse taper #2, with heat sink	2,0mm to 16,9mm	FD430Exx	¥2.340,00
FDCYL430	Straight shank 20mm, with heat sink	2,0mm to 16,9mm	FD430Exx	¥3.276,00
FDMC3	Morse taper #3, with heat sink	2,0mm to 25,4mm	FD470Exx	¥3.762,00
FDCYL470	Straight shank 20mm, with heat sink	2,0mm to 25,4mm	FD470Exx	¥5.265,00
FDISO30-1/2	ISO30 Holder, with heat sink DIN 2080 or 69871	2,0mm to 16,9mm	FD430Exx	¥3.100,00
FDISO40-1/2	ISO40 Holder, with heat sink DIN 2080 or 69871	2,0mm to 25,4mm	FD470Exx	¥4.990,00
FDBT30	BT30 Holder, with heat sink	2,0mm to 16,9mm	FD430Exx	¥3.100,00
FDBT40	BT40 Holder, with heat sink	2,0mm to 25,4mm	FD470Exx	¥4.990,00
FDCAT30	CAT30 Holder, with heat sink	2,0mm to 16,9mm	FD430Exx	¥3.100,00
FDCAT40	CAT40 Holder, with heat sink	2,0mm to 25,4mm	FD470Exx	¥4.990,00
FDHSK63-A/F	HSK63 Holder, with heat sink type A&F available	2,0mm to 16,9mm	FD430Exx	P.o.r.

Collets for Holders range 2,0-25,4		
SKU	Formdrill range	Price
FD470E6	2,0mm to 3,9mm	¥414,00
FD470E6	2,0mm to 3,9mm	¥414,00
FD470E8	4,0mm to 7,9mm	¥414,00
FD470E10	8,0mm to 9,9mm	¥414,00
FD470E12	10,0mm to 12,9mm	¥414,00
FD470E14	13,0mm to 14,9mm	¥414,00
FD470E16	15,0mm to 16,9mm	¥414,00
FD470E18	17,0mm to 19,9mm	¥414,00
FD470E20	20,0mm to 25,4mm	¥414,00

## Compounds & lubricants

SKU	Description	Content	Price
FDKSO	Paste lubricant Formdrill in steel and stainless steel	1,0 kg.	¥510,00
FDKSOF	Fluid lubricant Formdrill in steel and stainless steel	1,0 L.	¥510,00
FDKSOFSP	Fluid lubricant Formdrill for MSQL Lub units	1,0 kg.	¥585,00
FTOIL	Oil lubricant for Formtaps	1,0 L.	¥390,00

