



High Performance Cutting Tools



SPIRAL FLUTE TAPS
SB SERIES

CONTENTS



SPIRAL FLUTE TAPS

SERIES	THREAD FORM	BLANK STANDARD	WORKPIECE MATERIAL	1ST CHOICE	2ND CHOICE	TOOL MATERIAL	COATING	PAGE
SB1	M	DIN 371/ DIN 376	Steel	P0-P1	N1 N2	HSSE	Bright	1.036
SB3	M	DIN 371/ DIN 376	Steel	P1-P2	K2, N3, N4	HSSE	TiN	
SB4	M	DIN 371/ DIN 376	Steel	P1-P2	K1-K2	HSSE	TiAlN	
SBF3	M	DIN 371/ DIN 376	Forged Steel	P2	-	HSSE	TiN	1.037
SBF5	M	DIN 371/ DIN 376	Forged Steel	P2-P3	-	HSSE	TiCN	
SBF7	M	DIN 371/ DIN 376	Forged Steel	P2-P3	-	HSSE	AlCrN	
SBS5	M	DIN 371/ DIN 376	Stainless Steel	M1 M2	-	HSSE	TiCN	1.038
SBS6	M	DIN 371/ DIN 376	Stainless Steel	M1-M3	-	HSSE	TiAlN + WC/C	
SBS5	M	DIN 371/ DIN 376	Stainless Steel	M1-M3	-	HSSE-PM	TiCN	1.039
SBI6	M	DIN 371/ DIN 376	Super Alloys	S1-S4	-	HSSE-PM	TiAlN + WC/C	
SBF7TC	M	DIN 371/ DIN 376	Forged Steel	P2-P4	-	HSSE	AlCrN	1.040
SB1	MF	DIN 374	Steel	P0-P1	N1 N2	HSSE	Bright	1.041
SB3	MF	DIN 374	Steel	P1-P2	K2, N3, N4	HSSE	TiN	
SB4	MF	DIN 374	Steel	P1-P2	K1-K2	HSSE	TiAlN	
SBF3	MF	DIN 374	Forged Steel	P2	-	HSSE	TiN	1.042
SBF5	MF	DIN 374	Forged Steel	P2-P3	-	HSSE	TiCN	
SBF7	MF	DIN 374	Forged Steel	P2-P3	-	HSSE	AlCrN	
SBS5	MF	DIN 374	Stainless Steel	M1 M2	-	HSSE	TiCN	1.043
SBS6	MF	DIN 374	Stainless Steel	M1-M3	-	HSSE	TiAlN + WC/C	
SBI6	MF	DIN 374	Super Alloys	S1-S4	-	HSSE-PM	TiAlN + WC/C	1.044
SBF7TC	MF	DIN 374	Forged Steel	P2-P4	-	HSSE	AlCrN	1.045
SB1	UNC	DIN 371/ DIN 376	Steel	P0-P1	N1 N2	HSSE	Bright	1.046
SB3	UNC	DIN 371/ DIN 376	Steel	P1-P2	K2, N3, N4	HSSE	TiN	
SBS5	UNC	DIN 371/ DIN 376	Stainless Steel	M1 M2	-	HSSE	TiCN	1.047
SBS5	UNC	DIN 371/ DIN 376	Stainless Steel	M1-M3	-	HSSE-PM	TiCN	1.048
SB1	UNF	DIN 374	Steel	P0-P1	N1 N2	HSSE	Bright	1.049
SB3	UNF	DIN 374	Steel	P1-P2	K2, N3, N4	HSSE	TiN	
SBS5	UNF	DIN 374	Stainless Steel	M1 M2	-	HSSE	TiCN	1.050
SBS5	UNF	DIN 374	Stainless Steel	M1-M3	-	HSSE-PM	TiCN	1.051

CONTENTS



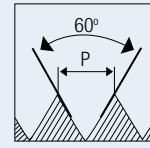
SPIRAL FLUTE TAPS

SERIES	THREAD FORM	BLANK STANDARD	WORKPIECE MATERIAL	1ST CHOICE	2ND CHOICE	TOOL MATERIAL	COATING	PAGE
SB1	M	ISO 529	Steel	P0-P1	N1 N2	HSSE	Bright	1.052
SB3	M	ISO 529	Steel	P1-P2	K2, N3, N4	HSSE	TiN	
SB4	M	ISO 529	Steel	P1-P2	K1-K2	HSSE	TiAlN	
SBF3	M	ISO 529	Forged Steel	P2	-	HSSE	TiN	1.053
SBF5	M	ISO 529	Forged Steel	P2-P3	-	HSSE	TiCN	
SBF7	M	ISO 529	Forged Steel	P2-P3	-	HSSE	AlCrN	
SBS5	M	ISO 529	Stainless Steel	M1 M2	-	HSSE	TiCN	1.054
SBS6	M	ISO 529	Stainless Steel	M1-M3	-	HSSE	TiAlN + WC/C	
SBS5	M	ISO 529	Stainless Steel	M1-M3	-	HSSE-PM	TiCN	1.055
SBI6	M	ISO 529	Super Alloys	S1-S4	-	HSSE-PM	TiAlN + WC/C	
SBF7TC	M	ISO 529	Forged Steel	P2-P4	-	HSSE	AlCrN	1.056
SB1	MF	ISO 529	Steel	P0-P1	N1 N2	HSSE	Bright	1.057
SB3	MF	ISO 529	Steel	P1-P2	K2, N3, N4	HSSE	TiN	
SB4	MF	ISO 529	Steel	P1-P2	K1-K2	HSSE	TiAlN	
SBF3	MF	ISO 529	Forged Steel	P2	-	HSSE	TiN	1.058
SBF5	MF	ISO 529	Forged Steel	P2-P3	-	HSSE	TiCN	
SBF7	MF	ISO 529	Forged Steel	P2-P3	-	HSSE	AlCrN	
SBS5	MF	ISO 529	Stainless Steel	M1 M2	-	HSSE	TiCN	1.059
SBF7TC	MF	ISO 529	Forged Steel	P2-P4	-	HSSE	AlCrN	1.060
SB1	UNC	ISO 529	Steel	P0-P1	N1 N2	HSSE	Bright	1.061
SB3	UNC	ISO 529	Steel	P1-P2	K2, N3, N4	HSSE	TiN	
SBS5	UNC	ISO 529	Stainless Steel	M1 M2	-	HSSE	TiCN	1.062
SBS5	UNC	ISO 529	Stainless Steel	M1-M3	-	HSSE-PM	TiCN	1.063
SB1	UNF	ISO 529	Steel	P0-P1	N1 N2	HSSE	Bright	1.064
SB3	UNF	ISO 529	Steel	P1-P2	K2, N3, N4	HSSE	TiN	
SBS5	UNF	ISO 529	Stainless Steel	M1 M2	-	HSSE	TiCN	1.065
SBS5	UNF	ISO 529	Stainless Steel	M1-M3	-	HSSE-PM	TiCN	1.066
SB1	M	JIS	Steel	P0-P1	N1-N2	HSSE	Bright	1.067
SB4	M	JIS	Steel	P1-P2	K1-K2	HSSE	TiAlN	
Spirex	M	ISO 529	General	-	-	HSSE	Bright	1.068
Spirex	M	ISO 529	General	-	-	HSSE	TiN	

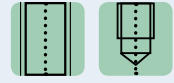


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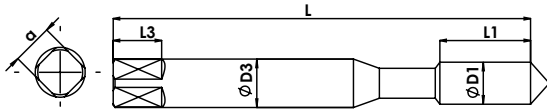
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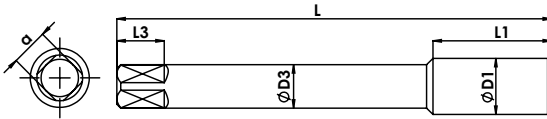
HOLE TYPE



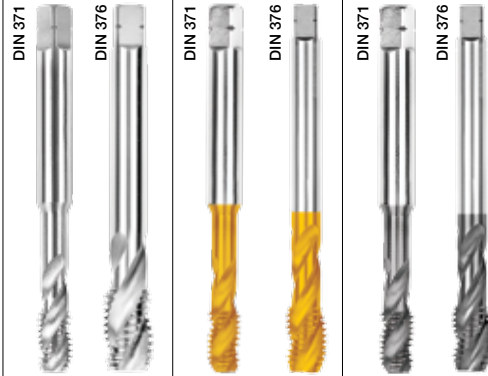
HSS-E
DIN 371/376
6HX
C/2-3P
35°



Reinforced Shank DIN371 (M3 - M10)



Reduced Shank DIN376 (M12 - M20)



Series	SB1	SB3	SB4
Material - 1 st choice	P0-P1	P1-P2	P1-P2
Material - 2 nd choice	N1-N2	K2, N3-N4	K1-K2
Coating	Bright	TiN	TiAlN
EDP No.	EDP No.	EDP No.	EDP No.

DIN 371							Coating		Bright			TiN			TiAlN		
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flutes	EDP No.	EDP No.	EDP No.	EDP No.	EDP No.	EDP No.	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1										
M 3	0.5	56	6	3.5	2.7	6	2.5	3	FAB0203197	FAB0203207	FAB0204334						
M 3.5	0.6	56	6.5	4	3	6	2.9	3	FAB0204328	FAB0204331	FAB0204335						
M 4	0.7	63	7	4.5	3.4	6	3.3	3	FAB0203198	FAB0203208	FAB0200968						
M 5	0.8	70	8	6	4.9	8	4.2	3	FAB0203199	FAB0203209	FAB0203685						
M 6	1	80	10	6	4.9	8	5	3	FAB0203200	FAB0203210	FAB0203686						
M 7	1	80	10	7	5.5	8	6	3	FAB0203201	FAB0203211	FAB0204336						
M 8	1.25	90	12	8	6.2	9	6.8	3	FAB0203202	FAB0203212	FAB0203687						
M 10	1.5	100	15	10	8	11	8.5	3	FAB0203203	FAB0203213	FAB0203688						

DIN 376							Coating		Bright			TiN			TiAlN		
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flutes	EDP No.	EDP No.	EDP No.	EDP No.	EDP No.	EDP No.	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1										
M 12	1.75	110	18	9	7	10	10.2	3	FAB0203204	FAB0203684	FAB0203689						
M 14	2	110	20	11	9	12	12	3	FAB0203205	FAB0203215	FAB0204337						
M 16	2	110	20	12	9	12	14	3	FAB0203206	FAB0203216	FAB0204338						
M 18	2.5	125	25	14	11	14	15.5	4	FAB0204329	FAB0204332	FAB0204339						
M 20	2.5	140	25	16	12	15	17.5	4	FAB0204330	FAB0204333	FAB0204340						

Unit : mm

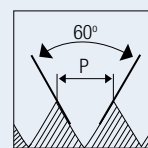


Spiral Flute Taps

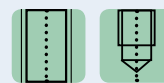
HSS TAPS

M

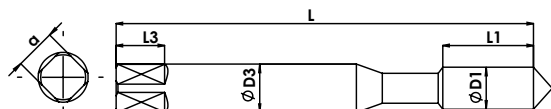
Metric coarse threads



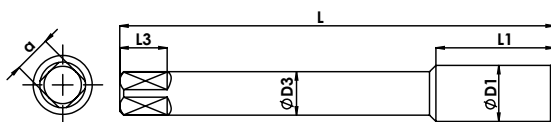
HOLE TYPE



HSS-E
DIN 371/376
6HX
C/2-3P
15°



Reinforced Shank DIN371 (M3 - M10)



Reduced Shank DIN376 (M12 - M20)



DIN 371									Series	SBF3	SBF5	SBF7
									Material - 1 st choice	P2	P2-P3	P2-P3
									Material - 2 nd choice	-	-	-
									Coating	TiN	TiCN	AlCrN
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flutes	EDP No.	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1					
M 3	0.5	56	6	3.5	2.7	6	2.5	3	FAB0204556	FAB0204341	FAB0204759	
M 3.5	0.6	56	6.5	4	3	6	2.9	3	FAB0205535	FAB0204342	FAB0205537	
M 4	0.7	63	7	4.5	3.4	6	3.3	3	FAB0204557	FAB0204343	FAB0204760	
M 5	0.8	70	8	6	4.9	8	4.2	3	FAB0204558	FAB0204344	FAB0204761	
M 6	1	80	10	6	4.9	8	5	3	FAB0204559	FAB0204345	FAB0204762	
M 7	1	80	10	7	5.5	8	6	3	FAB0205536	FAB0204346	FAB0205538	
M 8	1.25	90	12	8	6.2	9	6.8	3	FAB0204560	FAB0204347	FAB0204763	
M 10	1.5	100	15	10	8	11	8.5	3	FAB0204561	FAB0204348	FAB0204764	

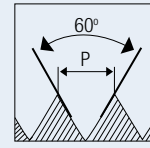
DIN 376									Series	SBF3	SBF5	SBF7
									Material - 1 st choice	P2	P2-P3	P2-P3
									Material - 2 nd choice	-	-	-
									Coating	TiN	TiCN	AlCrN
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flutes	EDP No.	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1					
M 12	1.75	110	18	9	7	10	10.2	3	FAB0204562	FAB0204349	FAB0204765	
M 14	2	110	20	11	9	12	12	3	FAB0204563	FAB0204350	FAB0204766	
M 16	2	110	20	12	9	12	14	3	FAB0204564	FAB0204351	FAB0204767	
M 18	2.5	125	25	14	11	14	15.5	4	FAB0204908	FAB0204352	FAB0204934	
M 20	2.5	140	25	16	12	15	17.5	4	FAB0204120	FAB0204353	FAB0204768	

Unit : mm

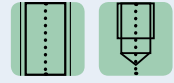


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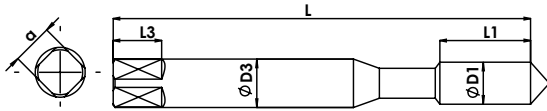
Metric coarse threads



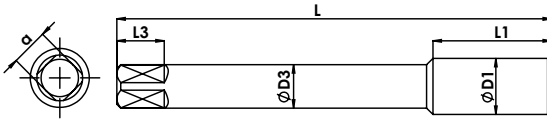
HOLE TYPE



HSS-E
DIN 371/376
6HX
C/2-3P
45°



Reinforced Shank DIN371 (M3 - M10)



Reduced Shank DIN376 (M12 - M20)



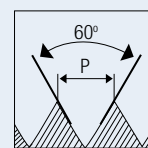
Series	SBS5	SBS6								
Material - 1 st choice	M1-M2	M1-M3								
Material - 2 nd choice	-	-								
Coating	TiCN	TiAlN + WC/C								
DIN 371										
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flutes	EDP No.	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1			
M 3	0.5	56	6	3.5	2.7	6	2.5	3	FAB0204655	FAB0204794
M 4	0.7	63	7	4.5	3.4	6	3.3	3	FAB0204656	FAB0204795
M 5	0.8	70	8	6	4.9	8	4.2	3	FAB0204657	FAB0204796
M 6	1	80	10	6	4.9	8	5	3	FAB0204658	FAB0204797
M 8	1.25	90	12	8	6.2	9	6.8	3	FAB0204659	FAB0204798
M 10	1.5	100	15	10	8	11	8.5	3	FAB0204660	FAB0204799

DIN 376										
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flutes	EDP No.	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1			
M 12	1.75	110	18	9	7	10	10.2	3	FAB0204661	FAB0204800
M 14	2	110	20	11	9	12	12	3	FAB0204662	FAB0204801
M 16	2	110	20	12	9	12	14	3	FAB0204663	FAB0204802
M 18	2.5	125	25	14	11	14	15.5	4	-	-
M 20	2.5	140	25	16	12	15	17.5	4	FAB0204664	FAB0205601

Unit : mm

M

Metric coarse threads



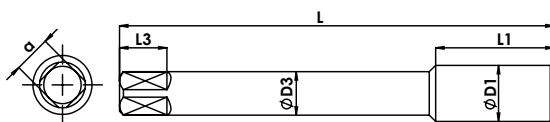
HOLE TYPE



HSS-E PM
DIN 371/376
6HX
C/2-3P
45°
18°



Reinforced Shank DIN371 (M3 - M10)



Reduced Shank DIN376 (M12 - M16)



DIN 371									Series	SBS5	SBI6
									Material - 1 st choice	M1-M3	S1-S4
									Material - 2 nd choice	-	-
									Coating	TiCN	TiAlN + WC/C
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flutes	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1				
M 3	0.5	56	6	3.5	2.7	6	2.5	3	FAB0205539	FAB0204703	
M 4	0.7	63	7	4.5	3.4	6	3.3	3	FAB0205540	FAB0204704	
M 5	0.8	70	8	6	4.9	8	4.2	3	FAB0205541	FAB0204705	
M 6	1	80	10	6	4.9	8	5	3	FAB0205542	FAB0204706	
M 8	1.25	90	12	8	6.2	9	6.8	3	FAB0205543	FAB0204707	
M 10	1.5	100	15	10	8	11	8.5	3	FAB0205544	FAB0204708	

DIN 376										
M 12	1.75	110	18	9	7	10	10.2	3	FAB0205545	FAB0204709
M 14	2	110	20	11	9	12	12	3	FAB0205546	FAB0204710
M 16	2	110	20	12	9	12	14	3	FAB0205547	FAB0204711

Unit : mm

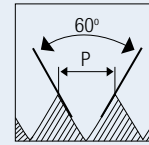


TOTEM Silver cut

Spiral Flute Taps

M

Metric coarse threads



HOLE TYPE



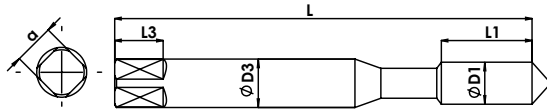
HSS-E

DIN 371/376

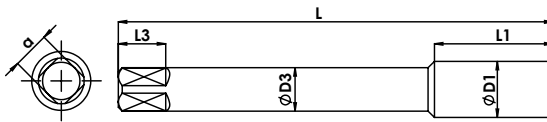
6HX

C/2-3P

15°



Reinforced Shank DIN371 (M5 - M10)



Reduced Shank DIN376 (M12 - M20)



Series	SBF7TC
Material - 1 st choice	P2-P4
Material - 2 nd choice	-
Coating	AlCrN

DIN 371							Coating		EDP No.
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	
ØD1	p	L	L1	ØD3	a	L3	Ød1		
M 5	0.8	70	8	6	4.9	8	4.2	3	FAB0204955
M 6	1	80	10	6	4.9	8	5	3	FAB0204956
M 8	1.25	90	12	8	6.2	9	6.8	3	FAB0204957
M 10	1.5	100	15	10	8	11	8.5	3	FAB0204958

DIN 376									
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1		
M 12	1.75	110	18	9	7	10	10.2	3	FAB0204959
M 14	2	110	20	11	9	12	12	3	FAB0204960
M 16	2	110	20	12	9	12	14	3	FAB0204961
M 18	2.5	125	25	14	11	14	15.5	4	FAB0204962
M 20	2.5	140	25	16	12	15	17.5	4	FAB0204963

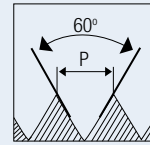
Unit : mm



Spiral Flute Taps

MF

Metric fine threads



HOLE TYPE



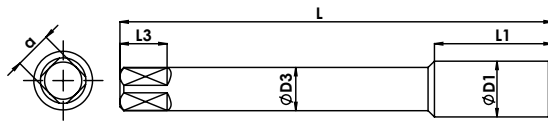
HSS-E

DIN 374

6HX

C/2-3P

35°



Male centre (M6 - M10)
Female centre (M12 - M20)



DIN 374									Series	SB1	SB3	SB4
									Material - 1 st choice	P0-P1	P1-P2	P1-P2
									Material - 2 nd choice	N1-N2	K2, N3-N4	K1-K2
									Coating	Bright	TiN	TiAIN
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1					
M 6	0.75	80	10	4.5	3.4	6	5.2	3	FAB0204354	FAB0204365	FAB0204375	
M 8	1	90	13	6	4.9	8	7	3	FAB0204355	FAB0203297	FAB0204376	
M 10	1.25	100	15	7	5.5	8	8.8	3	FAB0204356	FAB0204366	FAB0204377	
M 10	1	90	15	7	5.5	8	9	3	FAB0204357	FAB0204367	FAB0204378	
M 12	1.5	100	18	9	7	10	10.5	3	FAB0204358	FAB0204368	FAB0204379	
M 12	1.25	100	18	9	7	10	10.8	3	FAB0204359	FAB0204369	FAB0204380	
M 14	1.5	100	20	11	9	12	12.5	3	FAB0204360	FAB0204370	FAB0204381	
M 16	1.5	100	20	12	9	12	14.5	3	FAB0204362	FAB0204372	FAB0204383	
M 18	1.5	110	25	14	11	14	16.5	4	FAB0204363	FAB0204373	FAB0204384	
M 20	1.5	125	25	16	12	15	18.5	4	FAB0204364	FAB0204374	FAB0204385	

Unit : mm

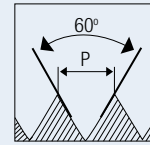


TOTEM Silver cut

Spiral Flute Taps

MF

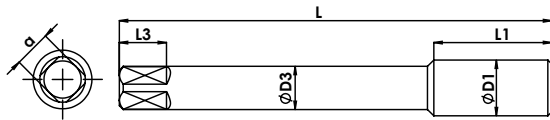
Metric fine threads



HOLE TYPE



HSS-E
DIN 374
6HX
C/2-3P
15°



Male centre (M6 - M10)
Female centre (M12 - M20)

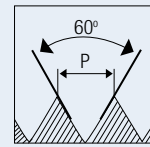


DIN 374									Series	SBF3	SBF5	SBF7
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	Material - 1 st choice	Material - 2 nd choice	Coating	
ØD1	p	L	L1	ØD3	a	L3	Ød1		TIN	TiCN	AlCrN	
									EDP No.	EDP No.	EDP No.	
M 6	0.75	80	10	4.5	3.4	6	5.2	3	FAB0205548	FAB0204386	-	
M 8	1	90	13	6	4.9	8	7	3	FAB0204565	FAB0204387	FAB0204769	
M 10	1.25	100	15	7	5.5	8	8.8	3	FAB0204566	FAB0204388	FAB0204770	
M 10	1	90	15	7	5.5	8	9	3	FAB0204737	FAB0204389	FAB0204771	
M 12	1.5	100	18	9	7	10	10.5	3	FAB0204568	FAB0204390	FAB0204772	
M 12	1.25	100	18	9	7	10	10.8	3	FAB0204567	FAB0204391	FAB0204773	
M 14	1.5	100	20	11	9	12	12.5	3	FAB0204569	FAB0204392	FAB0204774	
M 16	1.5	100	20	12	9	12	14.5	3	FAB0204570	FAB0204394	FAB0204775	
M 18	1.5	110	25	14	11	14	16.5	4	FAB0204912	FAB0204395	FAB0204776	
M 20	1.5	125	25	16	12	15	18.5	4	FAB0204913	FAB0204396	FAB0204777	

Unit : mm

MF

Metric fine threads



HOLE TYPE



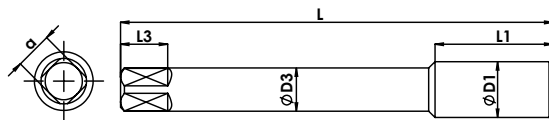
HSS-E

DIN 374

6HX

C/2-3P

45°



Male centre (M8 - M10)
Female centre (M12 - M16)



DIN 374									Series	SBS5	SBS6
									Material - 1 st choice	M1-M2	M1-M3
									Material - 2 nd choice	-	-
									Coating	TiCN	TiAlN + WC/C
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1				
M 8	1	90	13	6	4.9	8	7	3	FAB0204839	FAB0204803	
M 10	1.25	100	15	7	5.5	8	8.8	3	FAB0204840	FAB0204804	
M 10	1	90	15	7	5.5	8	9	3	FAB0204841	FAB0204805	
M 12	1.5	100	18	9	7	10	10.5	3	FAB0204842	FAB0204806	
M 12	1.25	100	18	9	7	10	10.8	3	FAB0204843	FAB0204807	
M 14	1.5	100	20	11	9	12	12.5	3	FAB0204844	FAB0204808	
M 16	1.5	100	20	12	9	12	14.5	3	FAB0204845	FAB0204809	
M 18	1.5	110	25	14	11	14	16.5	4	-	-	
M 20	1.5	125	25	16	12	15	18.5	4	-	-	

Unit : mm

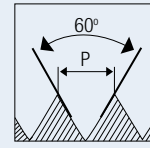


TOTEM Silver cut

Spiral Flute Taps

MF

Metric fine threads



HOLE TYPE



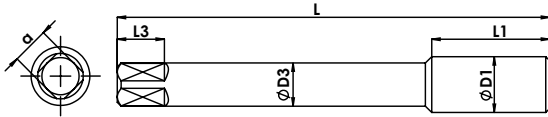
HSS-E
PM

DIN
374

6HX

C/2-3P

18°



Male centre (M8 - M10)
Female centre (M12)



Series	SBI6
Material - 1 st choice	S1-S4
Material - 2 nd choice	-
Coating	TiAlN + WC/C

DIN 374									Coating		TiAlN + WC/C	
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.			
ØD1	p	L	L1	ØD3	a	L3	Ød1					
M 8	1	90	13	6	4.9	8	7	3	FAB0204738			
M 10	1.25	100	15	7	5.5	8	8.8	3	FAB0204813			
M 10	1	90	15	7	5.5	8	9	3	FAB0204814			
M 12	1.5	100	18	9	7	10	10.5	3	FAB0204739			
M 12	1.25	100	18	9	7	10	10.8	3	FAB0204898			

Unit : mm

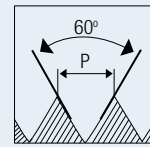


Spiral Flute Taps

HSS TAPS

MF

Metric fine threads



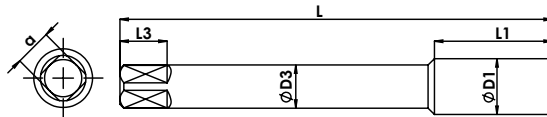
HOLE TYPE



HSS-E

DIN 374

6HX



Male centre (M8 - M10)
Female centre (M12)



Series	SBF7TC
Material - 1 st choice	P2-P4
Material - 2 nd choice	-
Coating	AlCrN

DIN 374									Coating		EDP No.
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes			
ØD1	p	L	L1	ØD3	a	L3	Ød1				
M 8	1	90	13	6	4.9	8	7	3	FAB0204966		
M 10	1.25	100	15	7	5.5	8	8.8	3	FAB0204967		
M 10	1	90	15	7	5.5	8	9	3	FAB0204968		
M 12	1.5	100	18	9	7	10	10.5	3	FAB0204969		
M 12	1.25	100	18	9	7	10	10.8	3	FAB0204970		
M 14	1.5	100	20	11	9	12	12.5	4	FAB0204971		
M 16	1.5	100	20	12	9	12	14.5	4	FAB0204972		
M 18	1.5	110	25	14	11	14	16.5	4	FAB0204973		
M 20	1.5	125	25	16	12	15	18.5	4	FAB0204974		

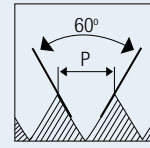
Unit : mm



Spiral Flute Taps

UNC

Unified coarse threads



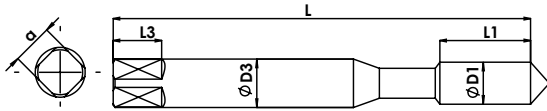
HOLE TYPE



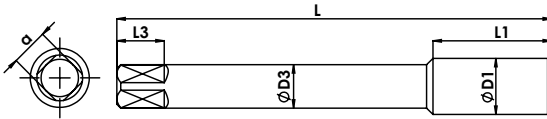
HSS-E

DIN 371/376

2B



Reinforced Shank DIN371 (1/4" - 3/8")



Reduced Shank DIN 376 (7/16" - 1")



Series		SB1		SB3						
Material - 1 st choice		P0-P1		P1-P2						
Material - 2 nd choice		N1-N2		K2, N3-N4						
Coating		Bright		TiN						
EDP No.		EDP No. <td colspan="2">EDP No. </td>		EDP No.						
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flutes		
ØD1	p	L	L1	ØD3	a	L3	Ød1			
1/4"	20	80	10	7	5.5	8	5.1	3	FAB0204397	FAB0204406
5/16"	18	90	13	8	6.2	9	6.6	3	FAB0204398	FAB0204407
3/8"	16	100	15	9	7	10	8	3	FAB0204399	FAB0204408

DIN 376										
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flutes	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1			
7/16"	14	100	18	8	6.2	9	9.4	3	FAB0204400	FAB0204409
1/2"	13	110	18	9	7	10	10.8	3	FAB0204401	FAB0204410
5/8"	11	110	20	12	9	12	13.5	3	FAB0204402	FAB0204411
3/4"	10	125	25	14	11	14	16.5	4	FAB0204403	FAB0204412
7/8"	9	140	25	18	14.5	17	19.5	4	FAB0204404	FAB0204413
1"	8	160	30	18	14.5	17	22.25	4	FAB0204405	FAB0204414

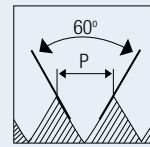
Unit : mm



Spiral Flute Taps

UNC

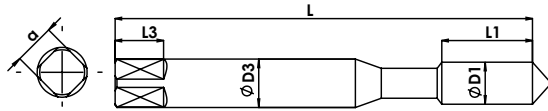
Unified coarse threads



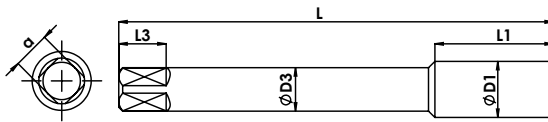
HOLE TYPE



HSS-E
DIN 371/376
2B
C/2-3P
45°



Reinforced Shank DIN371 (1/4" - 3/8")



Reduced Shank DIN376 (7/16" - 1")



									Series	SBS5
									Material - 1 st choice	M1-M2
									Material - 2 nd choice	-
									Coating	TICN
DIN 371										
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flutes	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1			
1/4"	20	80	10	7	5.5	8	5.	3	FAB0205549	
5/16"	18	90	13	8	6.2	9	6.6	3	FAB0205550	
3/8"	16	100	15	9	7	10	8	3	FAB0205551	

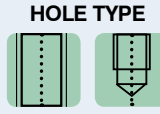
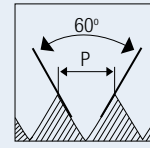
DIN 376										
7/16"	14	100	18	8	6.2	9	9.4	3	FAB0205552	
1/2"	13	110	18	9	7	10	10.8	3	FAB0205553	
5/8"	11	110	20	12	9	12	13.5	3	FAB0205554	
3/4"	10	125	25	14	11	14	16.5	4	FAB0205555	
7/8"	9	140	25	18	14.5	17	19.5	4	FAB0205556	
1"	8	160	30	18	14.5	17	22.25	4	FAB0205557	

Unit : mm

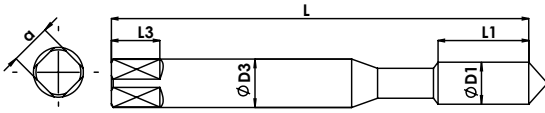


UNC

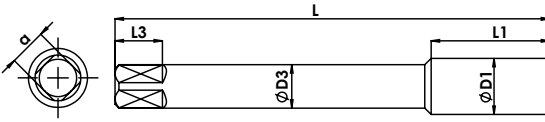
Unified coarse threads



HSS-E PM
DIN 371/376
2B
C/2-3P
45°



Reinforced Shank DIN371 (1/4" - 3/8")



Reduced Shank DIN376 (7/16" - 1")



Series	SBS5
Material - 1 st choice	M1-M3
Material - 2 nd choice	-
Coating	TiCN
EDP No.	

DIN 371							Tapping Drill Diameter	No of Flutes
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Ød1	
ØD1	p	L	L1	ØD3	a	L3		
1/4"	20	80	10	7	5.5	8	5.1	3
5/16"	18	90	13	8	6.2	9	6.6	3
3/8"	16	100	15	9	7	10	8	3

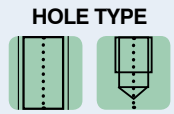
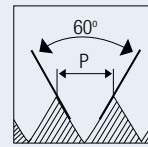
DIN 376									EDP No.
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flutes	
ØD1	p	L	L1	ØD3	a	L3	Ød1		
7/16"	14	100	18	8	6.2	9	9.4	3	FAB0205561
1/2"	13	110	18	9	7	10	10.8	3	FAB0205562
5/8"	11	110	20	12	9	12	13.5	3	FAB0205563
3/4"	10	125	25	14	11	14	16.5	4	FAB0205564
7/8"	9	140	25	18	14.5	17	19.5	4	FAB0205565
1"	8	160	30	18	14.5	17	22.25	4	FAB0205566

Unit : mm

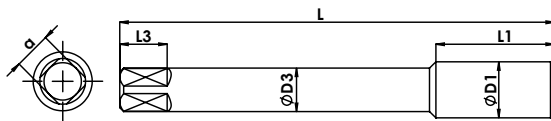


Spiral Flute Taps

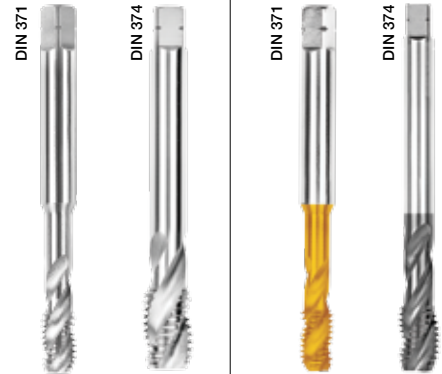
UNF Unified fine threads



HSS-E
DIN 374
2B
C/2-3P
35°



Male centre (1/4" - 3/8")
Female centre (7/16" - 1")



DIN 374									Series	SB1	SB3
									Material - 1 st choice	P0-P1	P1-P2
									Material - 2 nd choice	N1-N2	K2, N3-N4
									Coating	Bright	TiN
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flutes	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1				
1/4"	28	80	10	7	5.5	8	5.5	3	FAB0204415	FAB0204424	
5/16"	24	90	13	8	6.2	9	6.9	3	FAB0204416	FAB0204425	
3/8"	24	100	15	9	7	10	8.5	3	FAB0204417	FAB0204426	
7/16"	20	100	18	8	6.2	9	9.9	3	FAB0204418	FAB0204427	
1/2"	20	100	18	9	7	10	11.5	3	FAB0204419	FAB0204428	
5/8"	18	100	20	12	9	12	14.5	3	FAB0204420	FAB0204429	
3/4"	16	110	25	14	11	14	17.5	4	FAB0204421	FAB0204430	
7/8"	14	125	25	18	14.5	17	20.5	4	FAB0204422	FAB0204431	
1"	12	140	30	18	14.5	17	23.3	4	FAB0204423	FAB0204432	

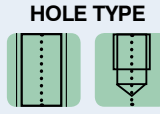
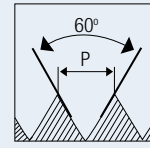
Unit : mm



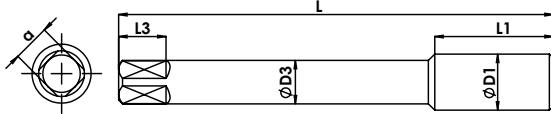
Spiral Flute Taps

UNF

Unified fine threads



HSS-E
DIN 374
2B
C/2-3P
45°



Male centre (1/4" - 3/8")
Female centre (7/16" - 1")



Series	SBS5
Material - 1 st choice	M1-M2
Material - 2 nd choice	-

DIN 374									Coating	TICN
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flutes	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1			
1/4"	28	80	10	7	5.5	8	5.5	3	FAB0205567	
5/16"	24	90	13	8	6.2	9	6.9	3	FAB0205568	
3/8"	24	100	15	9	7	10	8.5	3	FAB0205569	
7/16"	20	100	18	8	6.2	9	9.9	3	FAB0205570	
1/2"	20	100	18	9	7	10	11.5	3	FAB0205571	
5/8"	18	100	20	12	9	12	14.5	3	FAB0205572	
3/4"	16	110	25	14	11	14	17.5	4	FAB0205573	
7/8"	14	125	25	18	14.5	17	20.5	4	FAB0205574	
1"	12	140	30	18	14.5	17	23.3	4	FAB0205575	

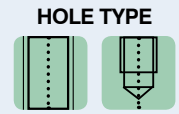
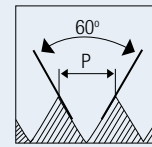
Unit : mm



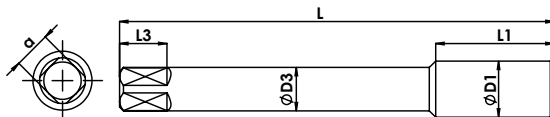
Spiral Flute Taps

UNF

Unified fine threads



HSS-E PM
DIN 374
2B
C/2-3P
45°



Male centre (1/4" - 3/8")
Female centre (7/16" - 1")



DIN 374									Series	SBS5
									Material - 1 st choice	M1-M3
									Material - 2 nd choice	-
									Coating	TICN
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flutes	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1			
1/4"	28	80	10	7	5.5	8	5.5	3	FAB0205576	
5/16"	24	90	13	8	6.2	9	6.9	3	FAB0205577	
3/8"	24	100	15	9	7	10	8.5	3	FAB0205578	
7/16"	20	100	18	8	6.2	9	9.9	3	FAB0205579	
1/2"	20	100	18	9	7	10	11.5	3	FAB0205580	
5/8"	18	100	20	12	9	12	14.5	3	FAB0205581	
3/4"	16	110	25	14	11	14	17.5	4	FAB0205582	
7/8"	14	125	25	18	14.5	17	20.5	4	FAB0205583	
1"	12	140	30	18	14.5	17	23.3	4	FAB0205584	

Unit : mm

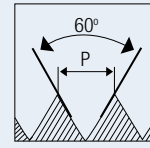


Silver cut

Spiral Flute Taps

M

Metric coarse threads



HOLE TYPE



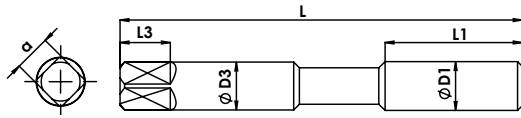
HSS-E

ISO 529

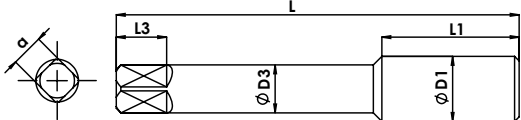
6HX

C/2-3P

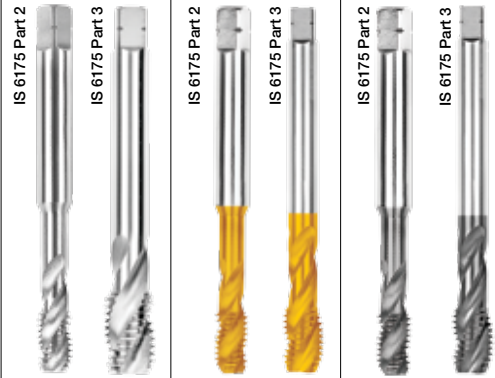
35°



Reinforced Shank (M3 - M10)
Male centre upto M5



Reduced Shank (M12 - M20)



Series	SB1	SB3	SB4
Material - 1 st choice	P0-P1	P1-P2	P1-P2
Material - 2 nd choice	N1-N2	K2, N3-N4	K1-K2
Coating	Bright	TiN	TiAlN
EDP No.	EDP No.	EDP No.	
FAB0200649	FAB0200650	FAB0203145	
FAB0203134	FAB0203142	FAB0203146	
FAB0200663	FAB0200665	FAB0200666	
FAB0200674	FAB0200676	FAB0200677	
FAB0200686	FAB0200688	FAB0200689	
FAB0203135	FAB0203143	FAB0203147	
FAB0200698	FAB0200700	FAB0200701	
FAB0200722	FAB0200724	FAB0200725	

ISO 529 / IS 6175 Part 2

Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes
ØD1	p	L	L1	ØD3	a	L3	Ød1	
M 3	0.5	48	5	3.15	2.5	5	2.5	3
M 3.5	0.6	50	6	3.55	2.8	5	2.9	3
M 4	0.7	53	7	4	3.15	6	3.3	3
M 5	0.8	58	8	5	4	7	4.2	3
M 6	1	66	10	6.3	5	8	5	3
M 7	1	66	10	7.1	5.6	8	6	3
M 8	1.25	72	13	8	6.3	9	6.8	3
M 10	1.5	80	15	10	8	11	8.5	3

ISO 529 / IS 6175 Part 3

M 12	1.75	89	18	9	7.1	10	10.2	3	FAB0200752	FAB0200754	FAB0200755
M 14	2	95	20	11.2	9	12	12	3	FAB0200781	FAB0200782	FAB0203152
M 16	2	102	20	12.5	10	13	14	3	FAB0200802	FAB0200804	FAB0203153
M 18	2.5	112	25	14	11.2	14	15.5	4	FAB0203139	FAB0202155	FAB0203155
M 20	2.5	112	25	14	11.2	14	17.5	4	FAB0203141	FAB0200812	FAB0203157

Unit : mm

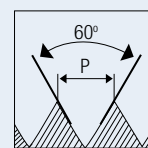


Spiral Flute Taps

HSS TAPS

M

Metric coarse threads



HOLE TYPE



HSS-E
ISO 529
6HX
C/2-3P
15°

<p>Reinforced Shank (M3 - M10) Male centre upto M5</p> <p>Reduced Shank (M12 - M20)</p>												
									Series	SBF3	SBF5	SBF7
									Material - 1 st choice	P2	P2-P3	P2-P3
									Material - 2 nd choice	-	-	-
									Coating	TiN	TiCN	AlCrN
ISO 529 / IS 6175 Part 2									EDP No.	EDP No.	EDP No.	
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes				
ØD1	p	L	L1	ØD3	a	L3	Ød1					
M 3	0.5	48	5	3.15	2.5	5	2.5	3	FAB0204636	FAB0203158	FAB0205434	
M 3.5	0.6	50	6	3.55	2.8	5	2.9	3	FAB0205427	FAB0205431	FAB0205435	
M 4	0.7	53	7	4	3.15	6	3.3	3	FAB0204637	FAB0203159	FAB0205436	
M 5	0.8	58	8	5	4	7	4.2	3	FAB0204638	FAB0203160	FAB0205437	
M 6	1	66	10	6.3	5	8	5	3	FAB0204639	FAB0203161	FAB0205438	
M 7	1	66	10	7.1	5.6	8	6	3	FAB0205428	FAB0205432	FAB0205439	
M 8	1.25	72	13	8	6.3	9	6.8	3	FAB0204640	FAB0203163	FAB0205440	
M 10	1.5	80	15	10	8	11	8.5	3	FAB0204641	FAB0203166	FAB0205441	

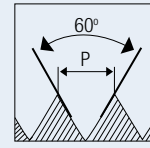
ISO 529 / IS 6175 Part 3									EDP No.	EDP No.	EDP No.
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes			
ØD1	p	L	L1	ØD3	a	L3	Ød1				
M 12	1.75	89	18	9	7.1	10	10.2	3	FAB0204642	FAB0203169	FAB0205442
M 14	2	95	20	11.2	9	12	12	3	FAB0204643	FAB0203171	FAB0205443
M 16	2	102	20	12.5	10	13	14	3	FAB0204644	FAB0203173	FAB0205444
M 18	2.5	112	25	14	11.2	14	15.5	4	FAB0205429	FAB0205433	FAB0205445
M 20	2.5	112	25	14	11.2	14	17.5	4	FAB0205430	FAB0203176	FAB0205446

Unit : mm



M

Metric coarse threads



HOLE TYPE



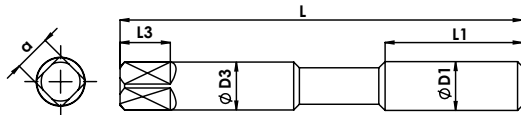
HSS-E

ISO 529

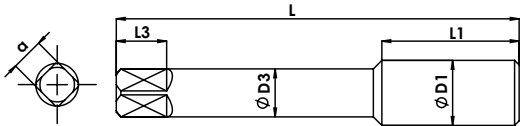
6HX

C/2-3P

45°



Reinforced Shank (M3 - M10)
Male centre upto M5



Reduced Shank (M12 - M20)

IS 6175 Part 2

IS 6175 Part 3

IS 6175 Part 2

IS 6175 Part 3



Series	SBS5	SBS6
Material - 1 st choice	M1-M2	M1-M3
Material - 2 nd choice	-	-
Coating	TiCN	TiAlN + WC/C

ISO 529 / IS 6175 Part 2

Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.	EDP No.
									ØD1	EDP No.
M 3	0.5	48	5	3.15	2.5	5	2.5	3	FAB0203187	FAB0205447
M 4	0.7	53	7	4	3.15	6	3.3	3	FAB0203188	FAB0205448
M 5	0.8	58	8	5	4	7	4.2	3	FAB0203189	FAB0205449
M 6	1	66	10	6.3	5	8	5	3	FAB0203190	FAB0205450
M 8	1.25	72	13	8	6.3	9	6.8	3	FAB0203191	FAB0205451
M 10	1.5	80	15	10	8	11	8.5	3	FAB0203192	FAB0205452

ISO 529 / IS 6175 Part 3

M 12	1.75	89	18	9	7.1	10	10.2	3	FAB0203193	FAB0205453
M 14	2	95	20	11.2	9	12	12	3	FAB0203194	FAB0205454
M 16	2	102	20	12.5	10	13	14	3	FAB0203195	FAB0205455
M 20	2.5	112	25	14	11.2	14	17.5	4	FAB0203196	FAB0205456

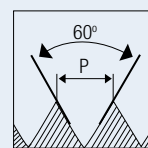
Unit : mm



Spiral Flute Taps

M

Metric coarse threads



HOLE TYPE



HSS-E PM
ISO 529
6HX
C/2-3P
45°
18°

<p>Reinforced Shank (M3 - M10) Male centre upto M5</p> <p>Reduced Shank (M12 - M16)</p>											
									Series	SBS5	SBI6
									Material - 1 st choice	M1-M3	S1-S4
									Material - 2 nd choice	-	-
ISO 529 / IS 6175 Part 2									Coating	TiCN	TiAIN + WC/C
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1				
M 3	0.5	48	5	3.15	2.5	5	2.5	3	FAB0205457	FAB0204721	
M 4	0.7	53	7	4	3.15	6	3.3	3	FAB0205458	FAB0204722	
M 5	0.8	58	8	5	4	7	4.2	3	FAB0205459	FAB0204723	
M 6	1	66	10	6.3	5	8	5	3	FAB0205460	FAB0204724	
M 8	1.25	72	13	8	6.3	9	6.8	3	FAB0205461	FAB0204725	
M 10	1.5	80	15	10	8	11	8.5	3	FAB0205462	FAB0204726	

ISO 529 / IS 6175 Part 3										
M 12	1.75	89	18	9	7.1	10	10.2	3	FAB0205463	FAB0204727
M 14	2	95	20	11.2	9	12	12	3	FAB0205464	FAB0204728
M 16	2	102	20	12.5	10	13	14	3	FAB0205465	FAB0204729

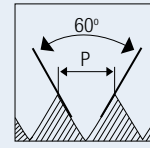
Unit : mm



Spiral Flute Taps

M

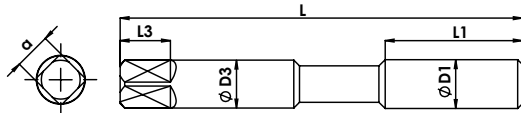
Metric coarse threads



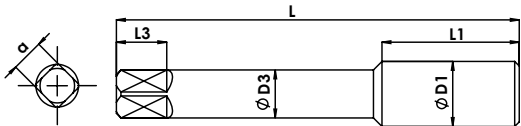
HOLE TYPE



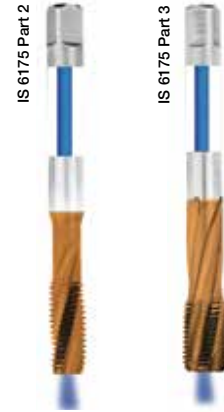
HSS-E
ISO 529
6HX
C/2-3P
15°



Reinforced Shank (M5 - M10)



Reduced Shank (M12 - M20)



Series	SBF7TC
Material - 1 st choice	P2-P4
Material - 2 nd choice	-
Coating	AlCrN

ISO 529 / IS 6175 Part 2

Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1		
M 5	0.8	58	8	5	4	7	4.2	3	FAB0205468
M 6	1	66	10	6.3	5	8	5	3	FAB0205469
M 8	1.25	72	13	8	6.3	9	6.8	3	FAB0205470
M 10	1.5	80	15	10	8	11	8.5	3	FAB0205471

ISO 529 / IS 6175 Part 3

M 12	1.75	89	18	9	7.1	10	10.2	3	FAB0205472
M 14	2	95	20	11.2	9	12	12	3	FAB0205473
M 16	2	102	20	12.5	10	13	14	3	FAB0205474
M 18	2.5	112	25	14	11.2	14	15.5	4	FAB0205475
M 20	2.5	112	25	14	11.2	14	17.5	4	FAB0205476

Unit : mm



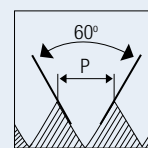
Silver cut

Spiral Flute Taps

HSS TAPS

MF

Metric fine threads



HOLE TYPE



HSS-E

ISO 529

6HX

C/2-3P

35°

<p>Reinforced Shank (M3 - M10) Male centre upto M5</p>									IS 6175 Part 2		IS 6175 Part 3		IS 6175 Part 2		IS 6175 Part 3		IS 6175 Part 2		IS 6175 Part 3	
<p>Reduced Shank (M12 - M20)</p>									IS 6175 Part 2		IS 6175 Part 3		IS 6175 Part 2		IS 6175 Part 3		IS 6175 Part 2		IS 6175 Part 3	
									Series		SB1		SB3		SB4					
									Material - 1 st choice		P0-P1		P1-P2		P1-P2					
									Material - 2 nd choice		N1-N2		K2, N3-N4		K1-K2					
									Coating		Bright		TiN		TiAlN					
ISO 529 / IS 6175 Part 2									EDP No.		EDP No.		EDP No.							
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.	EDP No.	EDP No.									
ØD1	p	L	L1	ØD3	a	L3	Ød1													
M 8	1	72	13	8	6.3	9	7	3	FAB0203136	FAB0202157	FAB0203148									
M 10	1	80	15	10	8	11	9	3	FAB0203137	FAB0200703	FAB0203149									
M 10	1.25	80	15	10	8	11	8.8	3	FAB0200711	FAB0200713	FAB0203150									

ISO 529 / IS 6175 Part 3											
M 12	1.25	89	18	9	7.1	10	10.75	3	FAB0200732	FAB0200733	FAB0204653
M 12	1.5	89	18	9	7.1	10	10.5	3	FAB0200741	FAB0200743	FAB0200744
M 14	1.5	95	20	11.2	9	12	12.5	3	FAB0200772	FAB0200774	FAB0203151
M 16	1.5	102	20	12.5	10	13	14.5	3	FAB0200791	FAB0200793	FAB0200794
M 18	1.5	112	25	14	11.2	14	16.5	4	FAB0203138	FAB0203144	FAB0203154
M 20	1.5	112	25	14	11.2	14	18.5	4	FAB0203140	FAB0200808	FAB0203156

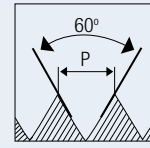
Unit : mm



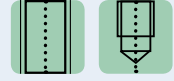
Spiral Flute Taps

MF

Metric fine threads



HOLE TYPE



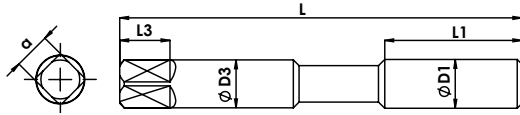
HSS-E

ISO 529

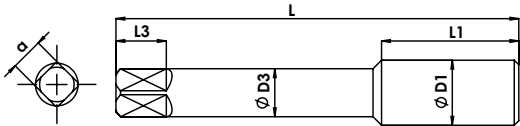
6HX

C/2-3P

15°



Reinforced Shank (M8 - M10)



Reduced Shank (M12 - M20)



Series	SBF3	SBF5	SBF7
Material - 1 st choice	P2	P2-P3	P2-P3
Material - 2 nd choice	-	-	-
Coating	TiN	TiCN	AlCrN
EDP No.			

ISO 529 / IS 6175 Part 2

Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes
ØD1	p	L	L1	ØD3	a	L3	Ød1	
M 8	1	72	13	8	6.3	9	7	3
M 10	1	80	15	10	8	11	9	3
M 10	1.25	80	15	10	8	11	8.8	3

ISO 529 / IS 6175 Part 3

M 12	1.5	89	18	9	7.1	10	10.5	3	FAB0204648	FAB0203168	FAB0205484
M 12	1.25	89	18	9	7.1	10	10.8	3	FAB0204647	FAB0203167	FAB0205483
M 14	1.5	95	20	11.2	9	12	12.5	3	FAB0204649	FAB0203170	FAB0205485
M 16	1.5	102	20	12.5	10	13	14.5	3	FAB0204650	FAB0203172	FAB0205486
M 18	1.5	112	25	14	11.2	14	16.5	4	FAB0205478	FAB0203174	FAB0205487
M 20	1.5	112	25	14	11.2	14	18.5	4	FAB0205479	FAB0203175	FAB0205488

Unit : mm

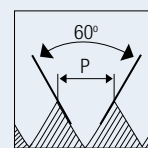


Spiral Flute Taps

HSS TAPS

MF

Metric fine threads



HOLE TYPE



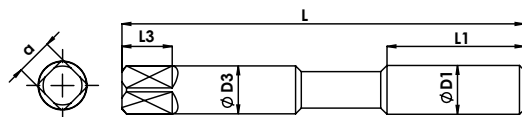
HSS-E

ISO 529

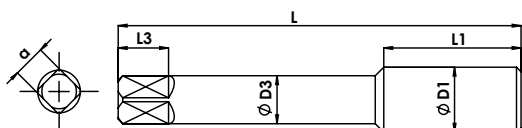
6HX

C/2-3P

45°



Reinforced Shank (M8 - M10)



Reduced Shank (M12 - M20)

IS 6175 Part 2

IS 6175 Part 3



ISO 529 / IS 6175 Part 2									Series	SBS5
									Material - 1 st choice	M1-M2
									Material - 2 nd choice	-
									Coating	TICN
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1			
M 8	1	72	13	8	6.3	9	7	3	FAB0205489	
M 10	1	80	15	10	8	11	9	3	FAB0205490	
M 10	1.25	80	15	10	8	11	8.8	3	FAB0205491	

ISO 529 / IS 6175 Part 3										
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1			
M 12	1.5	89	18	9	7.1	10	10.5	3	FAB0205492	
M 12	1.25	89	18	9	7.1	10	10.8	3	FAB0205493	
M 14	1.5	95	20	11.2	9	12	12.5	3	FAB0205494	
M 16	1.5	102	20	12.5	10	13	14.5	3	FAB0205495	
M 18	1.5	112	25	14	11.2	14	16.5	4	FAB0205496	
M 20	1.5	112	25	14	11.2	14	18.5	4	FAB0205497	

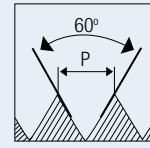
Unit : mm



Spiral Flute Taps

MF

Metric fine threads



HOLE TYPE



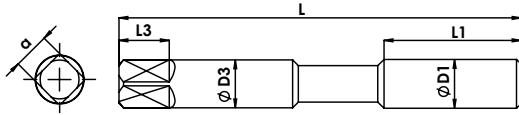
HSS-E

ISO 529

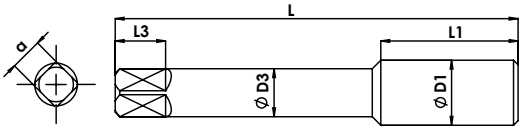
6HX

C/2-3P

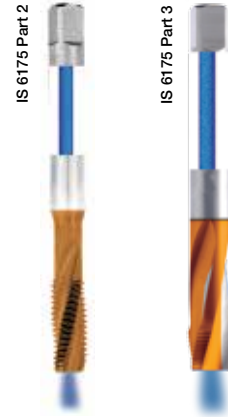
15°



Reinforced Shank (M8 - M10)



Reduced Shank (M12 - M20)



Series	SBF7TC
Material - 1 st choice	P2-P4
Material - 2 nd choice	-
Coating	AlCrN

ISO 529 / IS 6175 Part 2

Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1		
M 8	1	72	13	8	6.3	9	7	3	FAB0205498
M 10	1	80	15	10	8	11	9	3	FAB0205499
M 10	1.25	80	15	10	8	11	8.8	3	FAB0205500

ISO 529 / IS 6175 Part 3

M 12	1.5	89	18	9	7.1	10	10.5	3	FAB0205501
M 12	1.25	89	18	9	7.1	10	10.8	3	FAB0205502
M 14	1.5	95	20	11.2	9	12	12.5	3	FAB0204077
M 16	1.5	102	20	12.5	10	13	14.5	3	FAB0205504
M 18	1.5	112	25	14	11.2	14	16.5	4	FAB0205505
M 20	1.5	112	25	14	11.2	14	18.5	4	FAB0205506

Unit : mm



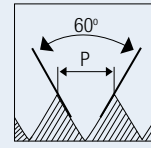
Silver cut

Spiral Flute Taps

HSS TAPS

UNC

Unified coarse threads



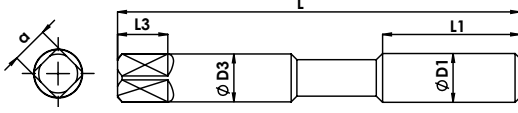
HOLE TYPE



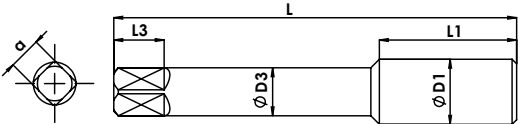
HSS-E

ISO 529

2B



Reinforced Shank (1/4" - 3/8")



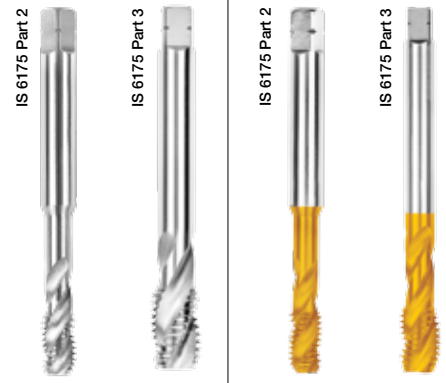
Reduced Shank (7/16" - 3/4")

IS 6175 Part 2

IS 6175 Part 3

IS 6175 Part 2

IS 6175 Part 3



ISO 529 / IS 6175 Part 2									Series	SB1	SB3
Material - 1 st choice									P0-P1		P1-P2
Material - 2 nd choice									N1-N2		K2, N3-N4
Coating									Bright		TiN
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1				
1/4"	20	66	10	6.3	5	8	5.5	3	FAB0200576	FAB0200578	
5/16"	18	72	13	8	6.3	9	6.9	3	FAB0200585	FAB0200587	
3/8"	16	80	15	10	8	11	8.5	3	FAB0200596	FAB0200598	

ISO 529 / IS 6175 Part 3									Series	SB1	SB3
Material - 1 st choice									P0-P1		P1-P2
Material - 2 nd choice									N1-N2		K2, N3-N4
Coating									Bright		TiN
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1				
7/16"	14	85	19	8	6.3	9	9.2	3	FAB0200606	FAB0200608	
1/2"	13	89	18	9	7.1	10	11.5	3	FAB0200617	FAB0200619	
5/8"	11	102	20	12.5	10	13	14.5	3	FAB0200631	FAB0200633	
3/4"	10	112	25	14	11.2	14	17.5	4	FAB0200641	FAB0200643	

Unit : mm

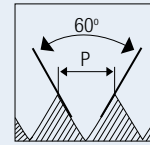


Silver cut

Spiral Flute Taps

UNC

Unified coarse threads



HOLE TYPE



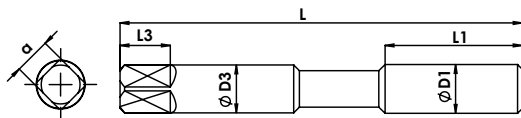
HSS-E

ISO 529

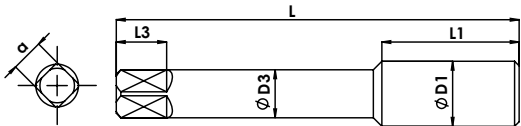
2B

C/2-3P

45°



Reinforced Shank (1/4" - 3/8")



Reduced Shank (7/16" - 3/4")

IS 6175 Part 2



IS 6175 Part 3



Series	SBS5
Material - 1 st choice	M1-M2
Material - 2 nd choice	-
Coating	TiCN

ISO 529 / IS 6175 Part 2

Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1		
1/4"	20	66	10	6.3	5	8	5.5	3	FAB0205507
5/16"	18	72	13	8	6.3	9	6.9	3	FAB0205508
3/8"	16	80	15	10	8	11	8.5	3	FAB0205509

ISO 529 / IS 6175 Part 3

7/16"	14	85	19	8	6.3	9	9.2	3	FAB0205510
1/2"	13	89	19	9	7.1	10	11.5	3	FAB0205511
5/8"	11	102	20	12.5	10	13	14.5	3	FAB0205512
3/4"	10	112	25	14	11.2	14	17.5	4	FAB0205513

Unit : mm



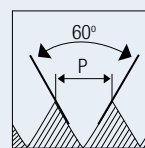
Silver cut

Spiral Flute Taps

HSS TAPS

UNC

Unified coarse threads



HOLE TYPE



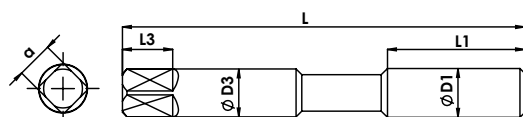
HSS-E
PM

ISO
529

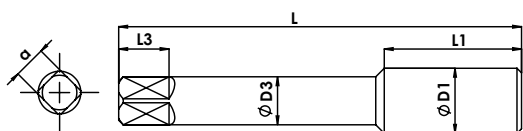
2B

C/2-3P

45°



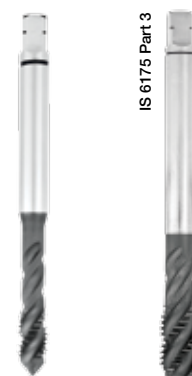
Reinforced Shank (1/4" - 3/8")



Reduced Shank (7/16" - 3/4")

IS 6175 Part 2

IS 6175 Part 3



Series	SBS5
Material - 1 st choice	M1-M3
Material - 2 nd choice	-
Coating	TICN

ISO 529 / IS 6175 Part 2

Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1		
1/4"	20	66	10	6.3	5	8	5.5	3	FAB0205514
5/16"	18	72	13	8	6.3	9	6.9	3	FAB0205515
3/8"	16	80	15	10	8	11	8.5	3	FAB0205516

ISO 529 / IS 6175 Part 3

7/16"	14	85	19	8	6.3	9	9.2	3	FAB0205517
1/2"	13	89	19	9	7.1	10	11.5	3	FAB0205518
5/8"	11	102	20	12.5	10	13	14.5	3	FAB0205519
3/4"	10	112	25	14	11.2	14	17.5	4	FAB0205520

Unit : mm

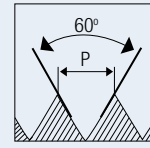


Silver cut

Spiral Flute Taps

UNF

Unified fine threads



HOLE TYPE



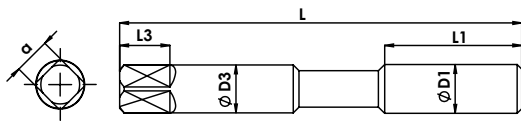
HSS-E

ISO 529

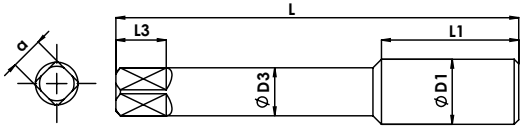
2B

C/2-3P

35°



Reinforced Shank (1/4" - 3/8")



Reduced Shank (7/16" - 3/4")

IS 6175 Part 2



IS 6175 Part 3



IS 6175 Part 2



IS 6175 Part 3



Series	SB1	SB3
Material - 1 st choice	P0-P1	P1-P2
Material - 2 nd choice	N1-N2	K2, N3-N4
Coating	Bright	TiN

ISO 529 / IS 6175 Part 2

Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1			
1/4"	28	66	10	6.3	5	8	5.5	3	FAB0200500	FAB0200501
5/16"	24	69	13	8	6.3	9	6.9	3	FAB0200510	FAB0200512
3/8"	24	76	15	10	8	11	8.5	3	FAB0200520	FAB0200522

ISO 529 / IS 6175 Part 3

7/16"	20	82	19	8	6.3	9	9.9	3	FAB0200531	FAB0200533
1/2"	20	84	19	9	7.1	10	11.5	3	FAB0200542	FAB0200544
5/8"	18	95	20	12.5	10	13	14.5	3	FAB0200555	FAB0200557
3/4"	16	104	25	14	11.2	14	17.5	4	FAB0200566	FAB0200568

Unit : mm



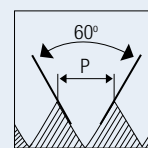
Silver cut

Spiral Flute Taps

HSS TAPS

UNF

Unified fine threads



HOLE TYPE



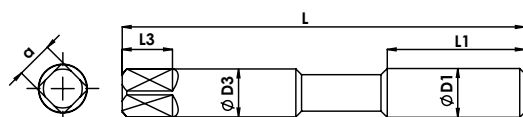
HSS-E

ISO 529

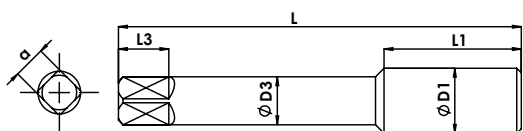
2B

C/2-3P

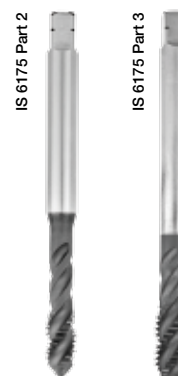
45°



Reinforced Shank (1/4" - 3/8")



Reduced Shank (7/16" - 3/4")



Series	SBS5
Material - 1 st choice	M1-M2
Material - 2 nd choice	-
Coating	TICN

ISO 529 / IS 6175 Part 2

Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1		
1/4"	28	66	10	6.3	5	8	5.5	3	FAB0205521
5/16"	24	69	13	8	6.3	9	6.9	3	FAB0205522
3/8"	24	76	15	10	8	11	8.5	3	FAB0205523

ISO 529 / IS 6175 Part 3

7/16"	20	82	19	8	6.3	9	9.9	3	FAB0205524
1/2"	20	84	19	9	7.1	10	11.5	3	FAB0205525
5/8"	18	95	20	12.5	10	13	14.5	3	FAB0205526
3/4"	16	104	25	14	11.2	14	17.5	4	FAB0205527

Unit : mm

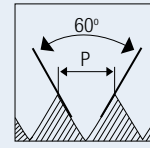


Silver cut

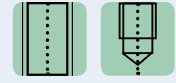
Spiral Flute Taps

UNF

Unified fine threads



HOLE TYPE



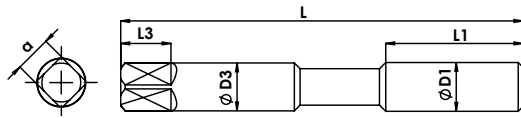
HSS-E
PM

ISO
529

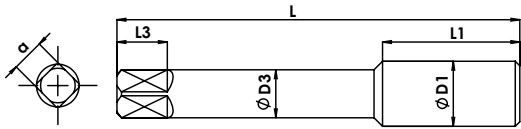
2B

C/2-3P

45°



Reinforced Shank (1/4" - 3/8")



Reduced Shank (7/16" - 3/4")

IS 6175 Part 2



IS 6175 Part 3



Series	SBS5
Material - 1 st choice	M1-M3
Material - 2 nd choice	-
Coating	TiCN

ISO 529 / IS 6175 Part 2

Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1		
1/4"	28	66	10	6.3	5	8	5.5	3	FAB0205528
5/16"	24	69	13	8	6.3	9	6.9	3	FAB0205529
3/8"	24	76	15	10	8	11	8.5	3	FAB0205530

ISO 529 / IS 6175 Part 3

7/16"	20	82	19	8	6.3	9	9.9	3	FAB0205531
1/2"	20	84	19	9	7.1	10	11.5	3	FAB0205532
5/8"	18	95	20	12.5	10	13	14.5	3	FAB0205533
3/4"	16	104	25	14	11.2	14	17.5	4	FAB0205534

Unit : mm

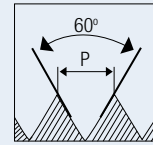


Silver cut

Spiral Flute Taps

M/MF

Metric coarse & fine threads



HOLE TYPE



HSS-E
JIS
6HX
C/2-3P
35°

<p>Reinforced Shank (M3 - M6) Male Centre upto M6</p> <p>Reduced Shank (M8 - M20)</p>										
								Series	SB1	SB4
								Material - 1 st choice	P0-P1	P1-P2
								Material - 2 nd choice	N1-N2	K1-K2
								Coating	Bright	TIAIN
JIS								Tapping Drill Diameter	EDP No.	EDP No.
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Ød1			
ØD1	p	L	L1	ØD3	a	L3	Ød1			
M 3	0.5	46	11	4	3.2	6	2.5	FAB0205079	FAB0205674	
M 4	0.7	52	13	5	4	7	3.3	FAB0205080	FAB0205675	
M 5	0.8	60	16	5.5	4.5	7	4.2	FAB0205081	FAB0205676	
M 6	1	62	19	6	4.5	7	5	FAB0205082	FAB0205677	
M 8	1.25	70	22	6.2	5	8	6.8	FAB0205083	FAB0205678	
M 8	1	70	22	6.2	5	8	7	FAB0206328	-	
M 10	1.5	75	24	7	5.5	8	8.5	FAB0205084	FAB0205680	
M 10	1.25	75	24	7	5.5	8	8.8	FAB0206286	-	
M 12	1.75	82	29	8.5	6.5	9	10.3	FAB0205085	FAB0205682	
M 12	1.5	82	29	8.5	6.5	9	10.5	FAB0205609	FAB0205602	
M 14	2	88	30	10.5	8	11	12	FAB0205610	FAB0205603	
M 16	2	95	32	12.5	10	13	14	FAB0205611	FAB0205604	
M 18	2.5	100	37	14	11	14	15.5	FAB0205612	FAB0205605	
M 20	2.5	105	37	15	12	15	17.5	FAB0205613	FAB0205606	

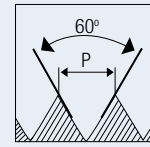
Unit : mm



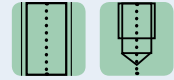
Spiral Flute Taps

M

Metric coarse threads



HOLE TYPE



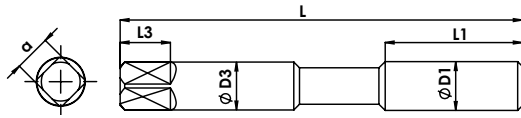
HSSE

6H

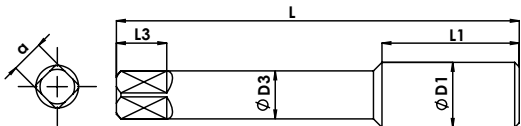
ISO 529

35°

C/2-3P



Reinforced Shank (M3 - M10)
Male centre upto M5



Reduced Shank (M12 - M20)



							Coating	Bright	TiN
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	EDP No.	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1		
M 3	0.5	48	5	3.15	2.5	5	2.5	FAB0201290	FAB0201292
M 3.5	0.6	50	6	3.55	2.8	5	2.9	FAB0201293	FAB0206709
M 4	0.7	53	7	4	3.15	6	3.3	FAB0201295	FAB0201296
M 5	0.8	58	8	5	4	7	4.2	FAB0201299	FAB0201300
M 6	1	66	10	6.3	5	8	5	FAB0201303	FAB0201304
M 7	1	66	10	7.1	5.6	8	6	FAB0201310	FAB0201311
M 8	1.25	72	13	8	6.3	9	6.8	FAB0201314	FAB0201315
M 10	1.5	80	15	10	8	11	8.5	FAB0201324	FAB0201325
M 12	1.75	89	18	9	7.1	10	10.2	FAB0201334	FAB0201335
M 14	2	95	20	11.2	9	12	12	FAB0201341	FAB0201342
M 16	2	102	20	12.5	10	13	14	FAB0201347	FAB0201348
M 18	2.5	112	25	14	11.2	14	15.5	FAB0201351	FAB0201352
M 20	2.5	112	25	14	11.2	14	17.5	FAB0201355	FAB0201356
M 24	3	130	30	18	14	18	21	FAB0201360	FAB0201362
M 27	3	135	30	20	16	20	24	FAB0201365	FAB0206710
M 30	3.5	138	35	20	16	20	26.5	FAB0201366	FAB0204001
M 36	4	162	40	25	20	24	32	FAB0201368	FAB0202149

Unit : mm