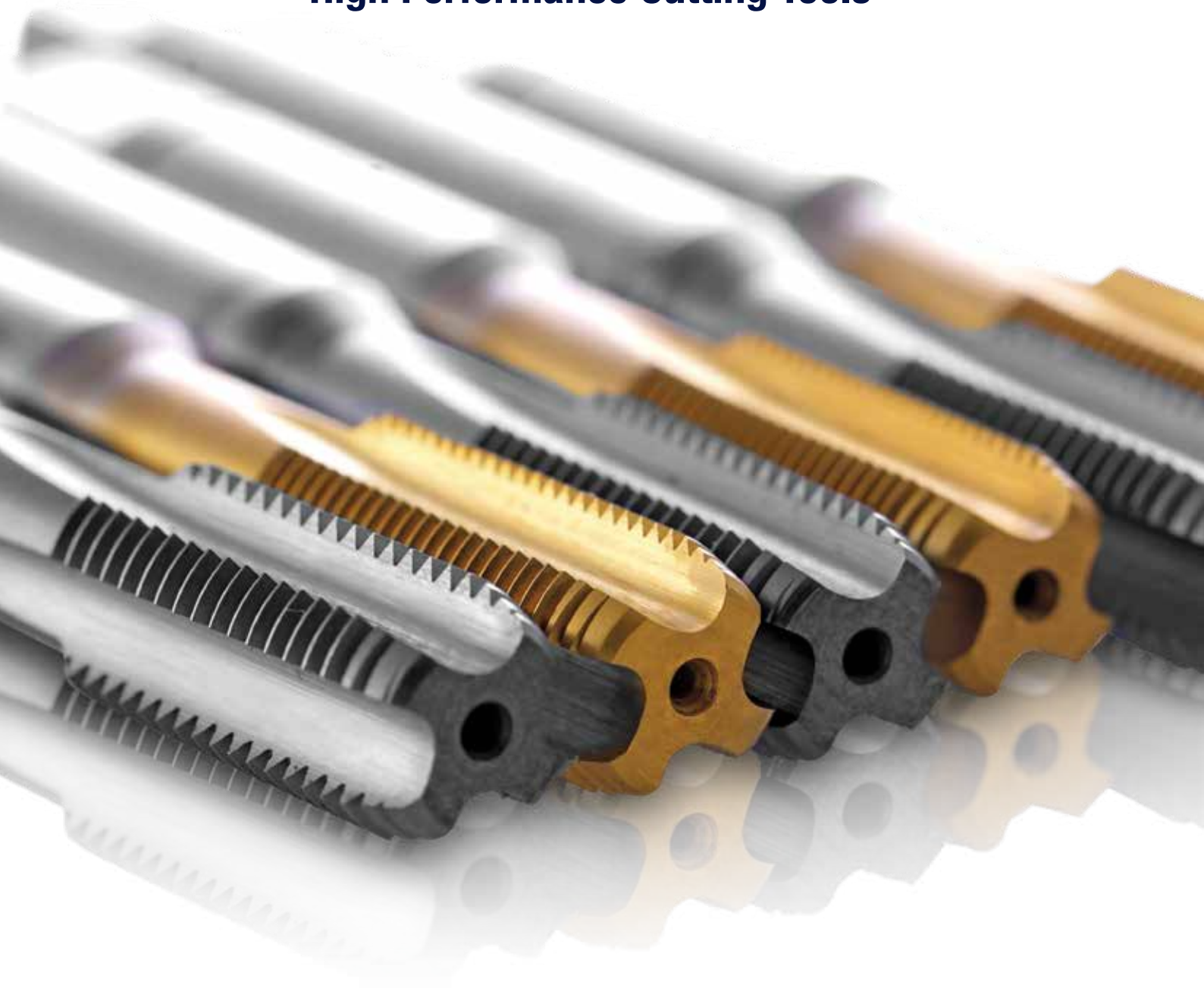




**High Performance Cutting Tools**



**STRAIGHT FLUTE TAPS**  
**SC SERIES**



## STRAIGHT FLUTE TAPS

SERIES	THREAD FORM	LENGTH STANDARD	WORKPIECE MATERIAL	1ST CHOICE	2ND CHOICE	TOOL MATERIAL	COATING	PAGE
SC3	M	DIN 371/DIN 376	Cast Iron	K1,K2	N2,N3	HSSE	TiN	1.072
SC4	M	DIN 371/DIN 376	Cast Iron	K1-K3	-	HSSE	TiAIN	
SCF5	M	DIN 371/DIN 376	Steel	P2-P3	-	HSSE	TiCN	1.073
SC4TC	M	DIN 371/DIN 376	Cast Iron	K1-K3	-	HSSE	TiAIN	
SC4	M	DIN 371/DIN 376	Cast Iron	K1-K3	-	HSSE PM	TiAIN	1.074
SC4TC	M	DIN 371/DIN 376	Cast Iron	K1-K3	-	HSSE PM	TiAIN	
SC3	MF	DIN 374	Cast Iron	K1,K2	N2,N3	HSSE	TiN	1.075
SC4	MF	DIN 374	Cast Iron	K1-K3	-	HSSE	TiAIN	
SCF5	MF	DIN 374	Steel	P2-P3	-	HSSE	TiCN	1.076
SC4TC	MF	DIN 374	Cast Iron	K1-K3	-	HSSE	TiAIN	
SC3	UNC	DIN 371/DIN 376	Cast Iron	K1-K2	N2,N3	HSSE	TiN	1.077
SC4	UNC	DIN 371/DIN 376	Cast Iron	K1,K3	-	HSSE	TiAIN	
SC3	UNF	DIN 374	Cast Iron	K1,K2	N2,N3	HSSE	TiN	1.078
SC4	UNF	DIN 374	Cast Iron	K1,K3	-	HSSE	TiAIN	
SC3	M	ISO 529	Cast Iron	K1,K2	N2,N3	HSSE	TiN	1.079
SC4	M	ISO 529	Cast Iron	K1-K3	-	HSSE	TiAIN	

## STRAIGHT FLUTE TAPS

SERIES	THREAD FORM	LENGTH STANDARD	WORKPIECE MATERIAL	1ST CHOICE	2ND CHOICE	TOOL MATERIAL	COATING	PAGE
SCF5	M	ISO 529	Steel	P2-P3	-	HSSE	TiCN	1.080
SC4TC	M	ISO 529	Cast Iron	K1-K3	-	HSSE	TiAlN	
SC4	M	ISO 529	Cast Iron	K1-K3	-	HSSE PM	TiAlN	1.081
SC4TC	M	ISO 529	Cast Iron	K1-K3	-	HSSE PM	TiAlN	
SC3	MF	ISO 529	Cast Iron	K1,K2	N2,N3	HSSE	TiN	1.082
SC4	MF	ISO 529	Cast Iron	K1-K3	-	HSSE	TiAlN	
SCF5	MF	ISO 529	Steel	P2-P3	-	HSSE	TiCN	1.083
SC4TC	MF	ISO 529	Cast Iron	K1-K3	-	HSSE	TiAlN	
SC3	UNC	ISO 529	Cast Iron	K1,K2	N2,N3	HSSE	TiN	1.084
SC4	UNC	ISO 529	Cast Iron	K1-K3	-	HSSE	TiAlN	
SC3	UNF	ISO 529	Cast Iron	K1,K2	N2,N3	HSSE	TiN	1.085
SC4	UNF	ISO 529	Cast Iron	K1-K3	-	HSSE	TiAlN	
SC3	M	JIS	Cast Iron	K1-K2	N2,N3	HSSE	TiN	1.086
SC4	M	JIS	Cast Iron	K1-K3	-	HSSE	TiAlN	

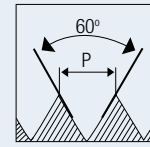


**TOTEM Silver cut**

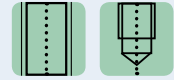
**Straight Flute Tap**

**M**

**Metric coarse threads**



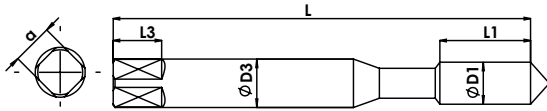
**HOLE TYPE**



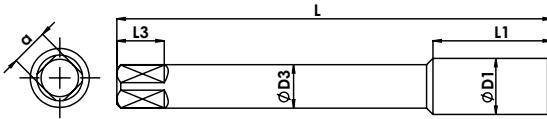
**HSS-E**

**DIN 371/376**

**6H**



Reinforced Shank DIN371 (M3 - M10)



Reduced Shank DIN376 (M12 - M20)



<b>Series</b>	<b>SC3</b>	<b>SC4</b>
<b>Material - 1<sup>st</sup> choice</b>	K1-K2	K1-K3
<b>Material - 2<sup>nd</sup> choice</b>	N2-N3	-

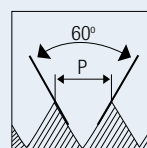
<b>DIN 371</b>							<b>Coating</b>		<b>TIN</b>	<b>TiAIN</b>
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. Of Flutes	EDP No.	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1			
M 3	0.5	56	11	3.5	2.7	6	2.5	3	FAB0204433	FAB0204441
M 4	0.7	63	13	4.5	3.4	6	3.3	3	FAB0204434	FAB0204442
M 5	0.8	70	16	6	4.9	8	4.2	3	FAB0203676	FAB0204443
M 6	1	80	19	6	4.9	8	5	3	FAB0203677	FAB0203679
M 8	1.25	90	22	8	6.2	9	6.8	4	FAB0203678	FAB0203680
M 10	1.5	100	24	10	8	11	8.5	4	FAB0200969	FAB0203682

<b>DIN 376</b>										
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	28	9	7	10	10.2	4	FAB0200975	FAB0203683
M 14	2	110	30	11	9	12	12	4	FAB0204437	FAB0204446
M 16	2	110	32	12	9	12	14	4	FAB0204438	FAB0204447
M 18	2.5	125	34	14	11	14	15.5	4	FAB0204439	FAB0204448
M 20	2.5	140	34	16	12	15	17.5	4	FAB0204440	FAB0204449

Unit : mm

M

Metric coarse threads



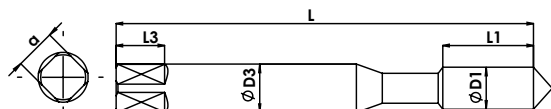
HOLE TYPE



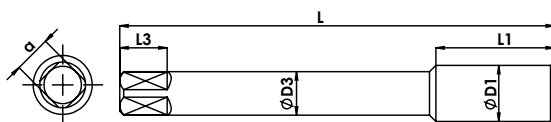
HSS-E

DIN 371/376

6HX



Reinforced Shank DIN371 (M3 - M10)



Reduced Shank DIN376 (M12 - M20)

DIN 371

DIN 376

DIN 371

DIN 376



Series	SCF5	SC4TC
Material - 1 <sup>st</sup> choice	P2-P3	K1-K3
Material - 2 <sup>nd</sup> choice	-	-
Coating	TiCN	TiAlN

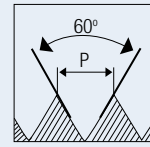
DIN 371									Coating			
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. of Flutes	EDP No.	EDP No.		
ØD1	p	L	L1	ØD3	a	L3	Ød1					
M 3	0.5	56	11	3.5	2.7	6	2.5	3	FAB0204586	FAB0204873		
M 4	0.7	63	13	4.5	3.4	6	3.3	3	FAB0204587	FAB0204874		
M 5	0.8	70	16	6	4.9	8	4.2	3	FAB0204588	FAB0204875		
M 6	1	80	19	6	4.9	8	5	3	FAB0204589	FAB0204876		
M 8	1.25	90	22	8	6.2	9	6.8	4	FAB0204590	FAB0204877		
M 10	1.5	100	24	10	8	11	8.5	4	FAB0204591	FAB0204878		

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	28	9	7	10	10.2	4	FAB0204592	FAB0204879
M 14	2	110	30	11	9	12	12	4	FAB0204593	FAB0204880
M 16	2	110	32	12	9	12	14	4	FAB0204594	FAB0204881
M 18	2.5	125	34	14	11	14	15.5	4	FAB0204939	FAB0204882
M 20	2.5	140	34	16	12	15	17.5	4	FAB0204940	FAB0204883

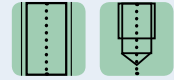
Unit : mm



**Metric coarse threads**



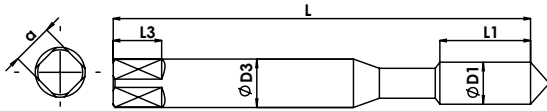
HOLE TYPE



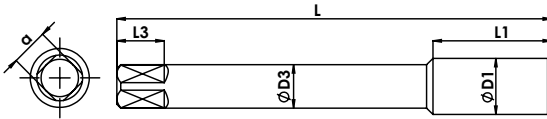
HSS-E  
PM

DIN  
371/376

6H



Reinforced Shank DIN371 (M3 - M10)



Reduced Shank DIN376 (M12 - M20)



Series	SC4	SC4TC
Material - 1 <sup>st</sup> choice	K1-K3	K1-K3
Material - 2 <sup>nd</sup> choice	-	-
Coating	TiAIN	TiAIN
EDP No.		

DIN 371								
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	56	11	3.5	2.7	6	2.5	3
M 4	0.7	63	13	4.5	3.4	6	3.3	3
M 5	0.8	70	16	6	4.9	8	4.2	3
M 6	1	80	19	6	4.9	8	5	3
M 8	1.25	90	22	8	6.2	9	6.8	4
M 10	1.5	100	24	10	8	11	8.5	4

DIN 376								
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	110	28	9	7	10	10.2	4
M 14	2	110	30	11	9	12	12	4
M 16	2	110	32	12	9	12	14	4
M 18	2.5	125	34	14	11	14	15.5	4
M 20	2.5	140	34	16	12	15	17.5	4

Unit : mm

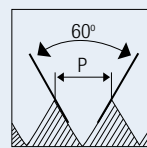


Straight Flute Tap

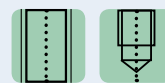
HSS TAPS

**MF**

**Metric fine threads**



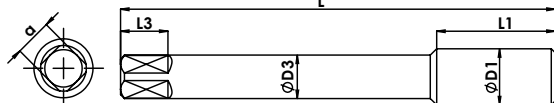
HOLE TYPE



HSS-E

DIN 374

6H



Male centre (M8 - M10)  
Female centre (M12 - M20)



DIN 374									Series	SC3	SC4
									Material - 1 <sup>st</sup> choice	K1-K2	K1-K3
									Material - 2 <sup>nd</sup> choice	N2-N3	-
									Coating	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.	
ØD1	p	L	L1	ØD3	a	L3	Ød1				
M 8	1	90	22	6	4.9	8	7	4	FAB0204451	FAB0204460	
M 10	1.25	100	24	7	5.5	8	8.8	4	FAB0203681	FAB0204461	
M 10	1	90	20	7	5.5	8	9	4	FAB0204452	FAB0204462	
M12	1.5	100	22	9	7	10	10.5	4	FAB0204453	FAB0204463	
M12	1.25	100	22	9	7	10	10.8	4	FAB0204454	FAB0204464	
M14	1.5	100	22	11	9	12	12.5	4	FAB0204455	FAB0204465	
M16	1.5	100	22	12	9	12	14.5	4	FAB0204456	FAB0204466	
M18	1.5	110	25	14	11	14	16.5	4	FAB0204457	FAB0204467	
M20	1.5	125	25	16	12	15	18.5	4	FAB0204458	FAB0204468	

Unit : mm

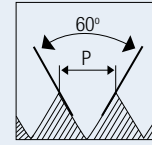


**TOTEM** *Silver cut*

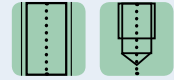
**Straight Flute Tap**

**MF**

**Metric fine threads**



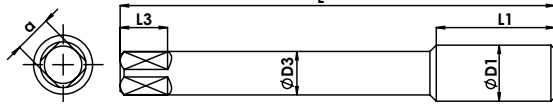
HOLE TYPE



HSS-E

DIN 374

6HX



Male centre (M8 - M10)  
Female centre (M12 - M20)



Series	SCF5	SC4TC
Material - 1 <sup>st</sup> choice	P2-P3	K1-K3
Material - 2 <sup>nd</sup> choice	-	-

DIN 374									Coating	TiCN	TiAlN
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	22	6	4.9	8	7	4	FAB0204595	FAB0204886	
M 10	1.25	100	24	7	5.5	8	8.8	4	FAB0204596	FAB0204888	
M 10	1	90	20	7	5.5	8	9	4	FAB0204943	FAB0204887	
M 12	1.5	100	22	9	7	10	10.5	4	FAB0204598	FAB0204890	
M 12	1.25	100	22	9	7	10	10.8	4	FAB0204597	FAB0204889	
M 14	1.5	100	22	11	9	12	12.5	4	FAB0204599	FAB0204891	
M 16	1.5	100	22	12	9	12	14.5	4	FAB0204600	FAB0204892	
M 18	1.5	110	25	14	11	14	16.5	4	FAB0204944	FAB0204893	
M 20	1.5	125	25	16	12	15	18.5	4	FAB0204945	FAB0204894	

Unit : mm



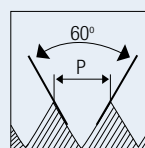


Straight Flute Tap

HSS TAPS

UNC

Unified coarse threads



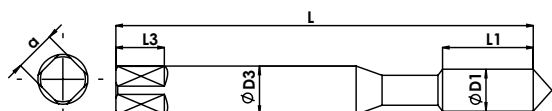
HOLE TYPE



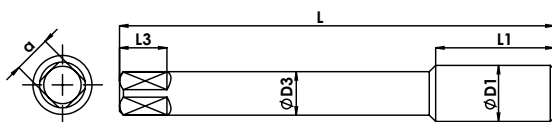
HSS-E

DIN 371/376

2B



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



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



DIN 371							Series		SC3		SC4	
							Material - 1 <sup>st</sup> choice		K1-K2		K1-K3	
							Material - 2 <sup>nd</sup> choice		N2-N3		-	
							Coating		TiN		TiAlN	
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	80	19	7	5.5	8	5.1	3	FAB0204469		FAB0204478	
5/16"	18	90	22	8	6.2	9	6.6	4	FAB0204470		FAB0204479	
3/8"	16	100	24	10	8	11	8	4	FAB0204471		FAB0206259	

DIN 376										
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No. Of Flutes	EDP No.	EDP No.
7/16"	14	110	24	8	6.2	9	9.4	4	FAB0204472	FAB0204481
1/2"	13	110	28	9	7	10	10.8	4	FAB0204473	FAB0206260
5/8"	11	110	32	12	9	12	13.5	4	FAB0204474	FAB0206261
3/4"	10	125	34	14	11	14	16.5	4	FAB0204475	FAB0206262
7/8"	9	140	34	18	14.5	17	19.5	4	FAB0204476	FAB0206263
1"	8	160	38	20	14.5	17.5	22.3	4	FAB0204477	FAB0204486

Unit : mm

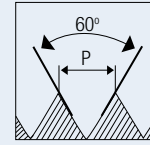


**TOTEM** Silver cut

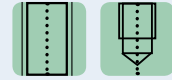
Straight Flute Tap

# UNF

## Unified fine threads



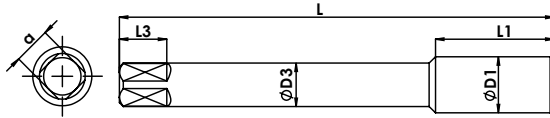
HOLE TYPE



HSS-E

DIN 374

2B



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



Series	SC3	SC4
Material - 1 <sup>st</sup> choice	K1-K2	K1, K3
Material - 2 <sup>nd</sup> choice	N2-N3	-
Coating	TiN	TiAIN

DIN 374									Coating		TiN	TiAIN
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	19	5.5	4.3	7	5.5	3	FAB0204487	FAB0204496		
5/16"	24	90	22	6	4.9	8	6.9	4	FAB0204488	FAB0204497		
3/8"	24	100	20	7	5.5	8	8.5	4	FAB0204489	FAB0204498		
7/16"	20	100	22	8	6.2	9	9.9	4	FAB0204490	FAB0204499		
1/2"	20	100	22	9	7	10	11.5	4	FAB0204491	FAB0204500		
5/8"	18	100	22	12	9	12	14.5	4	FAB0204492	FAB0204501		
3/4"	16	110	25	14	11	14	17.5	4	FAB0204493	FAB0204502		
7/8"	14	125	25	18	14.5	17	20.5	4	FAB0204494	FAB0204503		
1"	12	140	28	18	14.5	17	23.25	4	FAB0204495	FAB0204504		

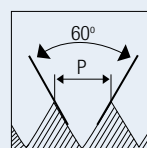
Unit : mm



Straight Flute Tap

M

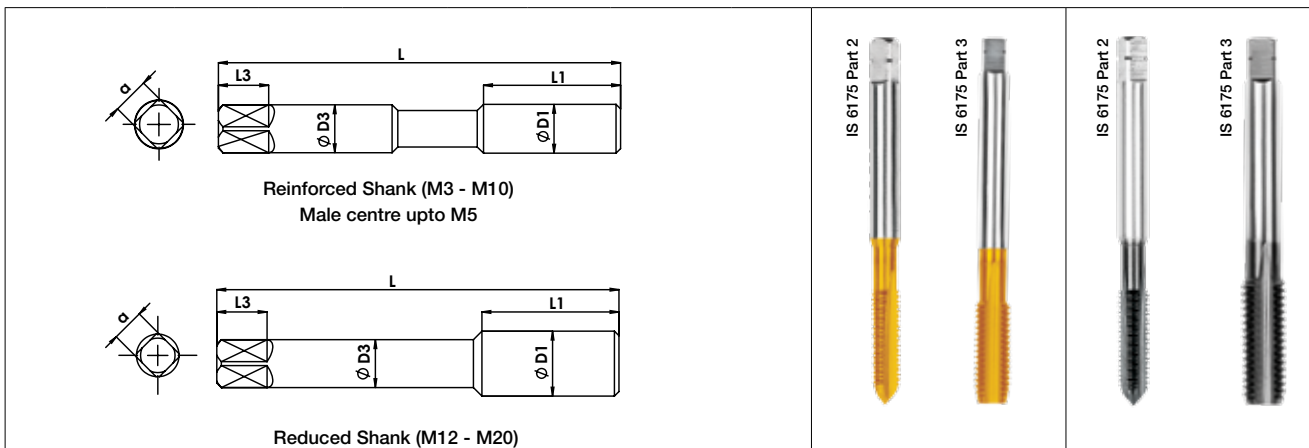
Metric coarse threads



HOLE TYPE



HSS-E ISO 529 6H E/1.5-2P



									Series	SC3	SC4
									Material - 1 <sup>st</sup> choice	K1-K2	K1-K3
									Material - 2 <sup>nd</sup> choice	N2-N3	-
									Coating	TiN	TiAlN
ISO529 / IS 6175 Part 2									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	11	3.15	2.5	5	2.5	3	FAB0200645	FAB0200646	
M 3.5	0.6	50	13	3.55	2.8	5	2.9	3	FAB0200652	FAB0203220	
M 4	0.7	53	13	4	3.15	6	3.3	3	FAB0200657	FAB0200658	
M 5	0.8	58	16	5	4	7	4.2	3	FAB0200669	FAB0200670	
M 6	1	66	19	6.3	5	8	5	3	FAB0200680	FAB0200681	
M 8	1.25	72	22	8	6.3	9	6.8	4	FAB0200692	FAB0200693	
M 10	1.5	80	24	10	8	11	8.5	4	FAB0200716	FAB0200717	

ISO529 / IS 6175 Part 3									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	29	9	7.1	10	10.2	4	FAB0200747	FAB0200871	
M 14	2	95	30	11.2	9	12	12	4	FAB0200776	FAB0200777	
M 16	2	102	32	12.5	10	13	14	4	FAB0200797	FAB0200798	
M 20	2.5	112	37	14	11.2	14	17.5	4	FAB0203219	FAB0200809	

Unit : mm

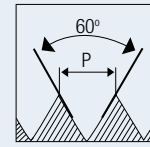


Silver cut

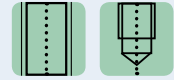
Straight Flute Tap

M

Metric coarse threads



HOLE TYPE

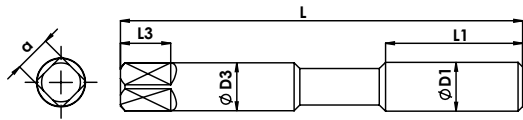


HSS-E

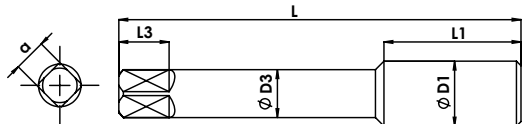
ISO 529

6HX

E/1.5-2P



Reinforced Shank (M3 - M10)  
Male centre upto M5



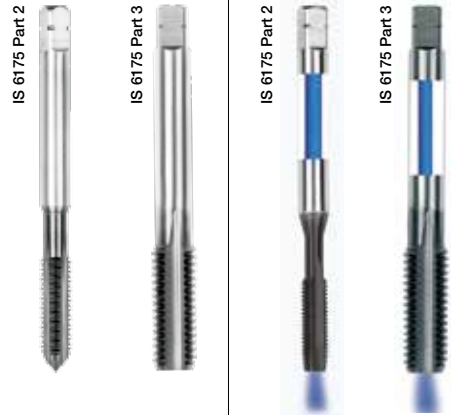
Reduced Shank (M12 - M20)

IS 6175 Part 2

IS 6175 Part 3

IS 6175 Part 2

IS 6175 Part 3



Series	SCF5	SC4TC
Material - 1 <sup>st</sup> choice	P2-P3	K1-K3
Material - 2 <sup>nd</sup> choice	-	-
Coating	TiCN	TiAIN

ISO529 / 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	p	L	L1	ØD3	a	L3	Ød1			
M 3	0.5	48	11	3.15	2.5	5	2.5	3	FAB0204616	-
M 3.5	0.6	50	13	3.55	2.8	5	2.9	3	-	-
M 4	0.7	53	13	4	3.15	6	3.3	3	FAB0204617	-
M 5	0.8	58	16	5	4	7	4.2	3	FAB0204618	FAB0205365
M 6	1	66	19	6.3	5	8	5	3	FAB0204619	FAB0205366
M 8	1.25	72	22	8	6.3	9	6.8	4	FAB0204620	FAB0205367
M 10	1.5	80	24	10	8	11	8.5	4	FAB0204621	FAB0205368

ISO529 / IS 6175 Part 3

M 12	1.75	89	29	9	7.1	10	10.2	4	FAB0204622	FAB0205369
M 14	2	95	30	11.2	9	12	12	4	FAB0204623	FAB0205370
M 16	2	102	32	12.5	10	13	14	4	FAB0204624	FAB0205371
M 20	2.5	112	37	14	11.2	14	17.5	4	FAB0205362	FAB0205372

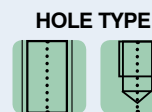
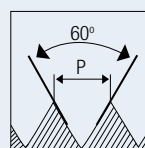
Unit : mm



Straight Flute Tap

M

Metric coarse threads

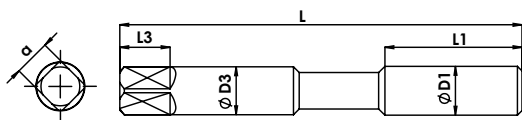


HSS-E  
PM

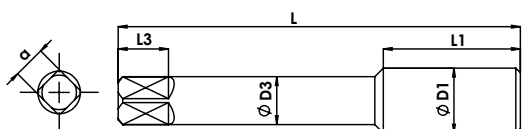
ISO  
529

6H

E/1.5-2P



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	SC4	SC4TC
									Material - 1 <sup>st</sup> choice	K1-K3	
									Material - 2 <sup>nd</sup> choice	-	
									Coating	TiAlN	
ISO529 / IS 6175 Part 2									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	11	3.15	2.5	5	2.5	3	FAB0205373	-	
M 3	0.6	50	13	3.55	2.8	5	2.9	3	FAB0205374	-	
M 4	0.7	53	13	4	3.15	6	3.3	3	FAB0205375	-	
M 5	0.8	58	16	5	4	7	4.2	3	FAB0205376	FAB0205387	
M 6	1	66	19	6.3	5	8	5	3	FAB0205377	FAB0205388	
M 8	1.25	72	22	8	6.3	9	6.8	4	FAB0205378	FAB0205389	
M 10	1.5	80	24	10	8	11	8.5	4	FAB0205379	FAB0205390	

ISO529 / IS 6175 Part 3									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	29	9	7.1	10	10.2	4	FAB0205380	FAB0205391
M 14	2	95	30	11.2	9	12	12	4	FAB0205381	FAB0205392
M 16	2	102	32	12.5	10	13	14	4	FAB0205382	FAB0205393
M 20	2.5	112	37	14	11.2	14	17.5	4	FAB0205383	FAB0205394

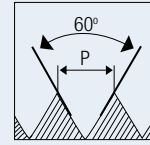
Unit : mm



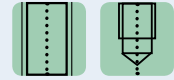
Straight Flute Tap

**MF**

**Metric fine threads**



HOLE TYPE

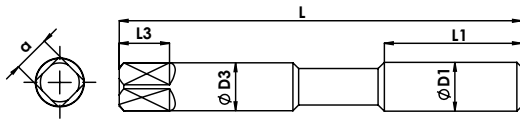


HSS-E

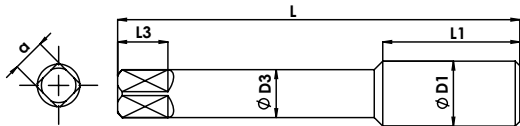
ISO 529

6H

E/1.5-2P



Reinforced Shank (M8 - M10)



Reduced Shank (M12 - M20)

IS 6175 Part 2

IS 6175 Part 3

IS 6175 Part 2

IS 6175 Part 3



Series	SC3	SC4
Material - 1 <sup>st</sup> choice	K1-K2	K1, K3
Material - 2 <sup>nd</sup> choice	N2-N3	-
Coating	TiN	TiAlN
ISO529 / IS 6175 Part 2		
Nominal Diameter	EDP No.	
Pitch	EDP No.	
Overall Length	EDP No.	
Thread Length	EDP No.	
Shank Diameter	EDP No.	
Square Size	EDP No.	
Square Length	EDP No.	
Tapping Drill Diameter	EDP No.	
No. of Flutes	EDP No.	
M 8	FAB0202976	FAB0203740
M 10	FAB0200706	FAB0200707

ISO529 / IS 6175 Part 3										
M 12	1.25	84	24	9	7.1	10	10.8	4	FAB0200727	FAB0200728
M12	1.5	89	29	9	7.1	10	10.5	4	FAB0200736	FAB0200737
M 14	1.5	95	30	11.2	9	12	12.5	4	FAB0200767	FAB0200768
M 16	1.5	102	32	12.5	10	13	14.5	4	FAB0200785	FAB0200786
M 18	1.5	104	29	14	11.2	14	16.5	4	FAB0203217	FAB0200805
M 20	1.5	104	29	14	11.2	14	18.5	4	FAB0203218	FAB0200806

Unit : mm

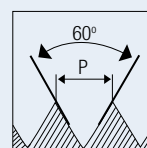


Silver cut

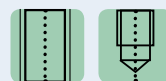
Straight Flute Tap

**MF**

**Metric fine threads**



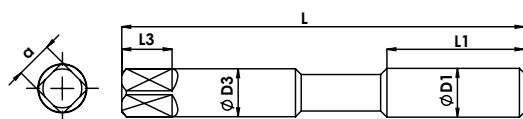
HOLE TYPE



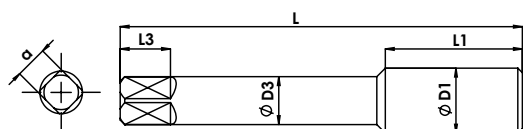
HSS-E

ISO 529

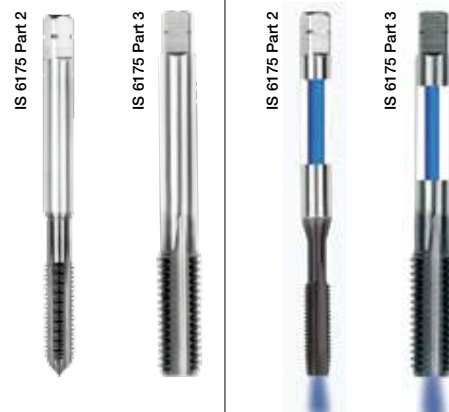
6HX



Reinforced Shank (M8 - M10)



Reduced Shank (M12 - M20)



ISO529 / IS 6175 Part 2									Series	SCF5	SC4TC
Material - 1 <sup>st</sup> choice									P2-P3		K1-K3
Material - 2 <sup>nd</sup> choice									-		-
Coating									TiCN		TiAlN
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	69	19	8	6.3	9	7	4	FAB0204625	FAB0205397	
M 10	1.25	76	20	10	8	11	8.8	4	FAB0204626	FAB0205398	

ISO529 / 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.	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1			
M 12	1.25	84	24	9	7.1	10	10.8	4	FAB0204627	FAB0205399
M 12	1.5	89	29	9	7.1	10	10.5	4	FAB0204628	FAB0205400
M 14	1.5	95	30	11.2	9	12	12.5	4	FAB0204629	FAB0205401
M 16	1.5	102	32	12.5	10	13	14.5	4	FAB0204630	FAB0205402
M 18	1.5	104	29	14	11.2	14	16.5	4	FAB0205395	FAB0205403
M 20	1.5	104	29	14	11.2	14	18.5	4	FAB0205396	FAB0205404

Unit : mm

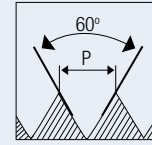


Silver cut

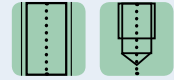
Straight Flute Tap

UNC

Unified coarse threads



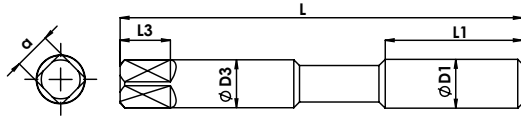
HOLE TYPE



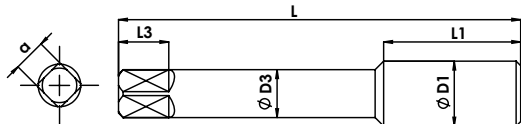
HSS-E

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



Series	SC3	SC4
Material - 1 <sup>st</sup> choice	K1-K2	K1-K3
Material - 2 <sup>nd</sup> choice	N2-N3	-

Coating	TiN	TiAlN
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ISO529 / 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"	20	66	19	6.3	5	8	5.5	3	FAB0200571	FAB0200572
5/16"	18	72	22	8	6.3	9	6.9	4	FAB0200581	FAB0203289
3/8"	16	80	24	10	8	11	8.5	4	FAB0200591	FAB0200592

ISO529 / IS 6175 Part 2

7/16"	14	85	25	8	6.3	9	9.9	4	FAB0200601	FAB0200602
1/2"	13	89	29	9	7.1	10	11.5	4	FAB0200612	FAB0200613
5/8"	11	102	32	12.5	10	13	14.5	4	FAB0200625	FAB0200626
3/4"	10	112	37	14	11.2	14	17.5	4	FAB0200636	FAB0200637

Unit : mm



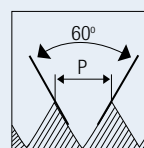


Silver cut

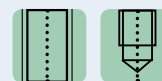
Straight Flute Tap

**UNF**

**Unified fine threads**



HOLE TYPE



HSS-E

ISO 529

2B

E/1.5-2P

<p>Reinforced Shank (1/4" - 3/8")</p>		<p>Reduced Shank (7/16" - 3/4")</p>															
				<table border="1"> <tr> <th>Series</th> <td>SC3</td> <td>SC4</td> </tr> <tr> <th>Material - 1<sup>st</sup> choice</th> <td>K1-K2</td> <td>K1, K3</td> </tr> <tr> <th>Material - 2<sup>nd</sup> choice</th> <td>N2-N3</td> <td>-</td> </tr> <tr> <th>Coating</th> <td>TiN</td> <td>TiAlN</td> </tr> </table>		Series	SC3	SC4	Material - 1 <sup>st</sup> choice	K1-K2	K1, K3	Material - 2 <sup>nd</sup> choice	N2-N3	-	Coating	TiN	TiAlN
Series	SC3	SC4															
Material - 1 <sup>st</sup> choice	K1-K2	K1, K3															
Material - 2 <sup>nd</sup> choice	N2-N3	-															
Coating	TiN	TiAlN															
<p><b>ISO529 / IS 6175 Part 2</b></p>																	
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	19	6.3	5	8	5.5	3	FAB0200495	FAB0200496							
5/16"	24	69	19	8	6.3	9	6.9	4	FAB0200504	FAB0200505							
3/8"	24	76	20	10	8	11	8.5	4	FAB0200515	FAB0200516							

<p><b>ISO529 / IS 6175 Part 3</b></p>										
7/16"	20	82	22	8	6.3	9	9.9	4	FAB0200526	FAB0200527
1/2"	20	84	24	9	7.1	10	11.5	4	FAB0200537	FAB0200538
5/8"	18	95	25	12.5	10	13	14.5	4	FAB0200550	FAB0200551
3/4"	16	104	29	14	11.2	14	17.5	4	FAB0200561	FAB0200562

Unit : mm

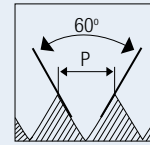


Silver cut

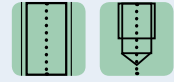
Straight Flute Tap

## M/MF

### Metric coarse & fine threads



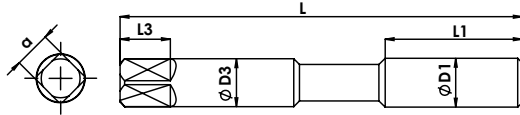
HOLE TYPE



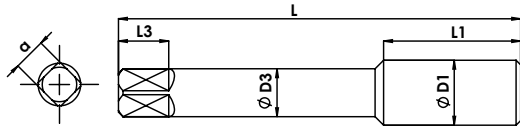
HSS-E

JIS

6H



Reinforced Shank (M3 - M10)  
Male Centre upto M5



Reduced Shank (M12 - M20)



Series	SC3	SC4
Material - 1 <sup>st</sup> choice	P0, N4	P0-P3
Material - 2 <sup>nd</sup> choice	N1-N2	K1-K2
Coating	TiN	TiAlN

JIS										
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	46	11	4	3.2	6	2.5	FAB0205644	FAB0205659	
M 4	0.7	52	13	5	4	7	3.3	FAB0205645	FAB0205660	
M 5	0.8	60	16	5.5	4.5	7	4.2	FAB0205646	FAB0205661	
M 6	1	62	19	6	4.5	7	5	FAB0205647	FAB0205662	
M 8	1.25	70	22	6.2	5	8	6.8	FAB0205648	FAB0205663	
M 8	1	70	22	6.2	5	8	7	FAB0205649	FAB0205664	
M 10	1.5	75	24	7	5.5	8	8.5	FAB0205650	FAB0205665	
M 10	1.25	75	24	7	5.5	8	8.8	FAB0205651	FAB0205666	
M 12	1.75	82	21	8.5	6.5	9	10.3	FAB0205652	FAB0205667	
M 12	1.5	82	21	8.5	6.5	9	10.5	FAB0205653	FAB0205668	
M 12	1.25	82	21	8.5	6.5	9	10.8	FAB0205654	FAB0205669	
M 14	2	88	30	10.5	8	11	12	FAB0205655	FAB0205670	
M 16	2	95	32	12.5	10	13	14	FAB0205656	FAB0205671	
M 18	2.5	100	37	14	11	14	15.5	FAB0205657	FAB0205672	
M 20	2.5	105	37	15	12	15	17.5	FAB0205658	FAB0205673	

Unit : mm



**High Performance Cutting Tools**



**FORMING TAPS**  
**SD SERIES**



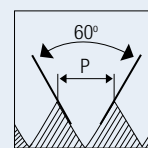
## FORMING TAPS

SERIES	THREAD FORM	BLANK STANDARD	WORKPIECE MATERIAL	1ST CHOICE	2ND CHOICE	TOOL MATERIAL	COATING	PAGE
SD1	M	DIN 371/DIN 376	Non-Ferrous	N1-N2	-	HSSE	Bright	1.089
SD3	M	DIN 371/DIN 376	Non-Ferrous	P0-P2, N1-N3	-	HSSE	TiN	
SD4	M	DIN 371/DIN 376	Steel	P1-P2	-	HSSE	TiAlN	1.090
SD1*	M	DIN 371/DIN 376	Non-Ferrous	N1-N2	-	HSSE	Bright	1.091
SD3*	M	DIN 371/DIN 376	Non-Ferrous	P0-P2	N1-N3	HSSE	TiN	
SDF5	M	DIN 371/DIN 376	Steel	P1-P2	-	HSSE	TiCN	1.092
SD1	MF	DIN 374	Non-Ferrous	N1-N2	-	HSSE	Bright	1.093
SD3	MF	DIN 374	Non-Ferrous	P0-P2, N1-N3	-	HSSE	TiN	
SD4	MF	DIN 374	Steel	P1-P2	-	HSSE	TiAlN	1.094
SD1	M	ISO 529	Non-Ferrous	N1-N2	-	HSSE	Bright	1.095
SD3	M	ISO 529	Non-Ferrous	P0-P2, N1-N3	-	HSSE	TiAlN	
SDF5	M	ISO 529	Steel	P1-P2	-	HSSE	TiCN	1.096
SD1	MF	ISO 529	Non-Ferrous	N1-N2	-	HSSE	Bright	1.097
SD3	MF	ISO 529	Non-Ferrous	P0-P2, N1-N3	-	HSSE	TiN	
SDF5	MF	ISO 529	Steel	P1-P2	-	HSSE	TiAlN	1.098
SD1	M / MF	JIS	Non-Ferrous	N1-N2	-	HSSE	Bright	1.099
SD3	M / MF	JIS	Non-Ferrous	P0-P2, N1-N3	-	HSSE	TiN	

\* without oil groove

M

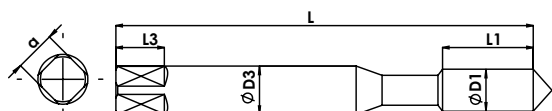
Metric coarse threads



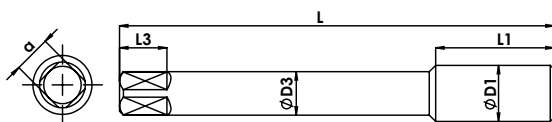
HOLE TYPE



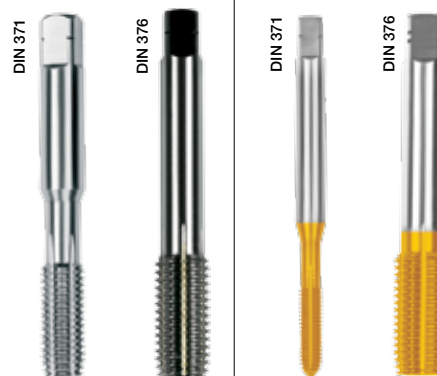
HSS-E DIN 371/376 6HX C/2-3P



Reinforced Shank DIN371 (M3 - M10)



Reduced Shank DIN376 (M12 - M16)



DIN 371								Series	SD1	SD3
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	Material - 1 <sup>st</sup> choice	N1-N2	P0-P2, N1-N3
ØD1	p	L	L1	ØD3	a	L3	Ød1	Material - 2 <sup>nd</sup> choice	-	-
								Coating	Bright	TiN
								EDP No.	EDP No.	
M 3	0.5	56	11	3.5	2.7	6	2.8	FAB0200954	FAB0200961	
M 3.5	0.6	56	12	4	3	6	3.3	FAB0204505	FAB0204507	
M 4	0.7	63	13	4.5	3.4	6	3.7	FAB0200955	FAB0200962	
M 5	0.8	70	16	6	4.9	8	4.7	FAB0200956	FAB0200963	
M 6	1	80	19	6	4.9	8	5.5	FAB0200957	FAB0200964	
M 7	1	80	19	7	5.5	8	6.5	FAB0204506	FAB0204508	
M 8	1.25	90	22	8	6.2	9	7.4	FAB0200958	FAB0200965	
M 10	1.5	100	24	10	8	11	9.3	FAB0200959	FAB0200966	

DIN 376								Series	SD1	SD3
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	Material - 1 <sup>st</sup> choice	N1-N2	P0-P2, N1-N3
ØD1	p	L	L1	ØD3	a	L3	Ød1	Material - 2 <sup>nd</sup> choice	-	-
								Coating	Bright	TiN
								EDP No.	EDP No.	
M 12	1.75	110	28	9	7	10	11.2	FAB0200960	FAB0200967	
M 14	2	110	30	11	9	12	13.1	FAB0203285	FAB0203287	
M 16	2	110	32	12	9	12	15.1	FAB0203286	FAB0203288	

Unit : mm



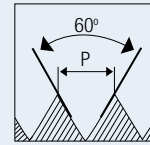
**TOTEM**

*Silver cut*

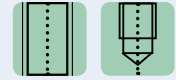
Forming Taps

**M**

## Metric coarse threads



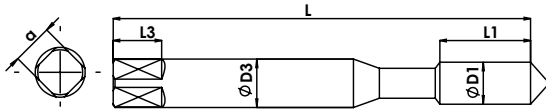
HOLE TYPE



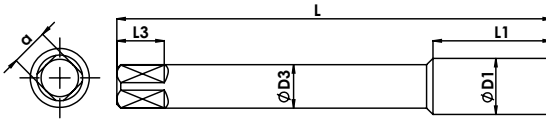
HSS-E

DIN 371/376

6HX



Reinforced Shank DIN371 (M3 - M10)



Reduced Shank DIN376 (M12 - M16)

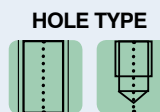
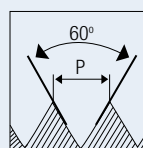


DIN 371								Series	SD4
								Material - 1 <sup>st</sup> choice	P1-P2
								Material - 2 <sup>nd</sup> choice	-
								Coating	TIAIN
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1		
M 3	0.5	56	11	3.5	2.7	6	2.8	FAB0204509	
M 3.5	0.6	56	12	4	3	6	3.3	FAB0204510	
M 4	0.7	63	13	4.5	3.4	6	3.7	FAB0204511	
M 5	0.8	70	16	6	4.9	8	4.7	FAB0204512	
M 6	1	80	19	6	4.9	8	5.5	FAB0204513	
M 7	1	80	19	7	5.5	8	6.5	FAB0204514	
M 8	1.25	90	22	8	6.2	9	7.4	FAB0204515	
M 10	1.5	100	24	10	8	11	9.3	FAB0204516	

DIN 376									
M 12	1.75	110	28	9	7	10	11.2	FAB0204517	
M 14	2	110	30	11	9	12	13.1	FAB0204518	
M 16	2	110	32	12	9	12	15.1	FAB0204519	

Unit : mm

**M** Metric coarse threads  
(without oil groove)



HSS-E DIN 371 6HX C/2-3P

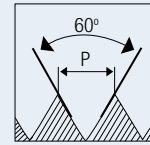
<p>Reinforced Shank DIN371 (M3 - M8)</p>										
								Series	SD1	SD3
								Material - 1 <sup>st</sup> choice	N1-N2	P0-P2, N1-N3
								Material - 2 <sup>nd</sup> choice	-	-
								Coating	Bright	TiN
DIN 371								Tapping Drill Diameter	EDP No.	EDP No.
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Ød1			
ØD1	p	L	L1	ØD3	a	L3				
M 3	0.5	56	11	3.5	2.7	6	2.8	FAB0203614	FAB0203619	
M 4	0.7	63	13	4.5	3.4	6	3.7	FAB0203615	FAB0203620	
M 5	0.8	70	16	6	4.9	8	4.7	FAB0203616	FAB0203621	
M 6	1	80	19	6	4.9	8	5.5	FAB0203617	FAB0203622	
M 8	1.25	90	22	8	6.2	9	7.4	FAB0203618	FAB0203623	

Unit : mm

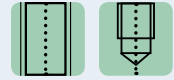


M

Metric coarse threads



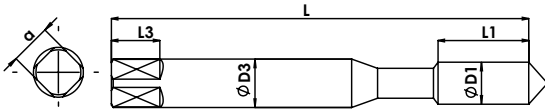
HOLE TYPE



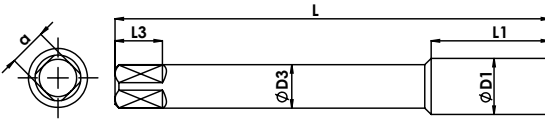
HSS-E

DIN 371/376

6HX



Reinforced Shank DIN371 (M3 - M10)



Reduced Shank DIN376 (M12 - M16)

DIN 371



DIN 376



Series	SDF5
Material - 1 <sup>st</sup> choice	P1-P3
Material - 2 <sup>nd</sup> choice	

DIN 371							Coating	TICN
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1	
M 3	0.5	56	11	3.5	2.7	6	2.8	FAB0205097
M 3.5	0.6	56	12	4	3	6	3.3	FAB0205098
M 4	0.7	63	13	4.5	3.4	6	3.7	FAB0205099
M 5	0.8	70	16	6	4.9	8	4.7	FAB0205100
M 6	1	80	19	6	4.9	8	5.5	FAB0205101
M 7	1	80	19	7	5.5	8	6.5	FAB0205102
M 8	1.25	90	22	8	6.2	9	7.4	FAB0205103
M 10	1.5	100	24	10	8	11	9.3	FAB0205104

DIN 376								
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1	
M 12	1.75	110	28	9	7	10	11.2	FAB0205105
M 14	2	110	30	11	9	12	13.1	FAB0205106
M 16	2	110	32	12	9	12	15.1	FAB0205107

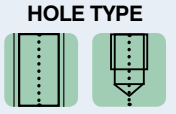
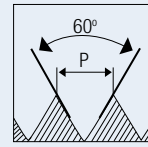
Unit : mm



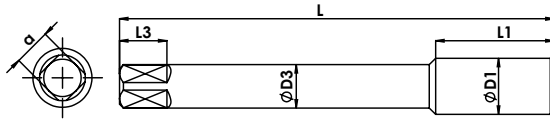


**MF**

**Metric fine threads**



**HSS-E** **DIN 374** **6HX** **C/2-3P**



Male Centre (M8 - M10)  
Female Centre (M12 - M20)



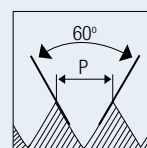
DIN 374								Series	SD1	SD3
								Material - 1 <sup>st</sup> choice	N1-N2	N1-N3
								Material - 2 <sup>nd</sup> choice	-	P0-P2
								Coating	Bright	TiN
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1			
M 8	1	90	17	6	4.9	8	7.5	FAB0204520	FAB0204528	
M 10	1.25	100	22	7	5.5	8	9.4	FAB0204521	FAB0204529	
M 12	1.5	100	22	9	7	10	11.3	FAB0204522	FAB0204530	
M 12	1.25	100	22	9	7	10	11.4	FAB0204523	FAB0204531	
M 14	1.5	100	22	11	9	12	13.3	FAB0204524	FAB0204532	
M 16	1.5	100	22	12	14.5	12	15.3	FAB0204525	FAB0204533	
M 18	1.5	110	25	14	16.5	14	17.3	FAB0204526	FAB0204534	
M 20	1.5	125	25	16	18.5	15	19.3	FAB0204527	FAB0204535	

Unit : mm



MF

## Metric fine threads



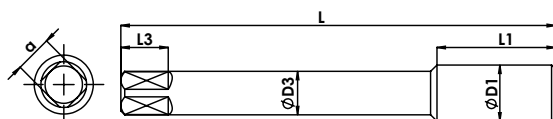
HOLE TYPE



HSS-E

DIN  
374

6HX



Male Centre (M8 - M10)  
Female Centre (M12 - M20)



DIN 374								Series	SD4
								Material - 1 <sup>st</sup> choice	P1-P2
								Material - 2 <sup>nd</sup> choice	-
								Coating	TiAIN
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1		
M 8	1	90	17	6	4.9	8	7.5	FAB0204536	
M 10	1.25	100	22	7	5.5	8	9.4	FAB0204537	
M 12	1.5	100	22	9	7	10	11.3	FAB0204538	
M 12	1.25	100	22	9	7	10	11.4	FAB0204539	
M 14	1.5	100	22	11	9	12	13.3	FAB0204540	
M 16	1.5	100	22	12	14.5	12	15.3	FAB0204541	
M 18	1.5	110	25	14	16.5	14	17.3	FAB0204542	
M 20	1.5	125	25	16	18.5	15	19.3	FAB0204543	

Unit : mm



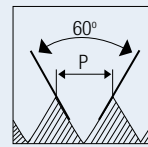
Silver cut

Forming Taps

HSS TAPS

M

## Metric coarse threads



HOLE TYPE



HSS-E

ISO  
529

6HX



<p>Reinforced Shank (M3 - M10) Male Centre upto M5</p>										
<p>Reduced Shank (M12 - M16)</p>										
								Series	SD1	SD3
								Material - 1 <sup>st</sup> choice	N1-N2	N1-N3
								Material - 2 <sup>nd</sup> choice	-	P0-P2
								Coating	Bright	TiN
ISO 529 / IS 6175 Part 2								Tapping Drill Diameter	EDP No.	EDP No.
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter			
ØD1	p	L	L1	ØD3	a	L3	Ød1			
M 3	0.5	48	11	3.15	2.5	5	2.8	FAB0201417	FAB0202740	
M 3.5	0.6	50	13	3.55	2.8	5	3.3	FAB0203221	FAB0203231	
M 4	0.7	53	13	4	3.15	6	3.7	FAB0201421	FAB0202747	
M 5	0.8	58	16	5	4	7	4.7	FAB0201420	FAB0202748	
M 6	1	66	19	6.3	5	8	5.5	FAB0201422	FAB0202749	
M 7	1	66	19	7.1	5.6	8	6.5	FAB0203222	FAB0203232	
M 8	1.25	72	22	8	6.3	9	7.4	FAB0201425	FAB0202750	
M 10	1.5	80	24	10	8	9	9.3	FAB0201426	FAB0202751	

ISO 529 / IS 6175 Part 3									
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 12	1.75	89	29	9	7.1	10	11.2	FAB0201428	FAB0202752
M 14	2	95	30	11.2	9	12	13.1	FAB0203228	FAB0203238
M 16	2	102	32	12.5	10	13	15.1	FAB0203230	FAB0203240

Unit : mm

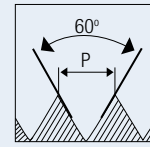


Silver cut

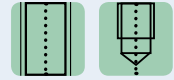
Forming Taps

M

Metric coarse threads



HOLE TYPE

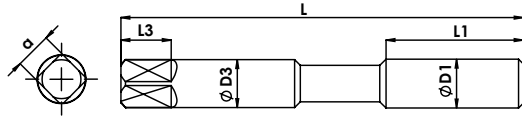


HSS-E

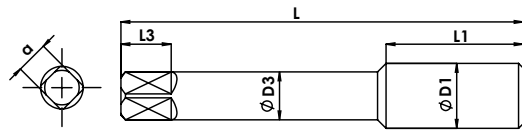
ISO 529

6HX

C/2-3P



Reinforced Shank (M3 - M10)  
Male Centre upto M5



Reduced Shank (M12 - M16)



Series	SDF5
Material - 1 <sup>st</sup> choice	P1-P2
Material - 2 <sup>nd</sup> choice	-
Coating	TiCN

ISO 529 / IS 6175 Part 2

Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1	
M 3	0.5	48	11	3.15	2.5	5	2.8	FAB0203241
M 4	0.7	53	13	4	3.15	6	3.7	FAB0203242
M 5	0.8	58	16	5	4	7	4.7	FAB0203243
M 6	1	66	19	6.3	5	8	5.5	FAB0203244
M 8	1.25	72	22	8	6.3	9	7.4	FAB0203246
M 10	1.5	80	24	10	8	9	9.3	FAB0203249

ISO 529 / IS 6175 Part 3

M 12	1.75	89	29	9	7.1	10	11.2	FAB0203251
M 14	2	95	30	11.2	9	12	13.1	FAB0205095
M 16	2	102	32	12.5	10	13	15.1	FAB0205096

Unit : mm

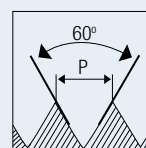


Silver cut

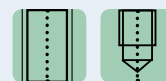
Forming Taps

MF

## Metric fine threads



HOLE TYPE

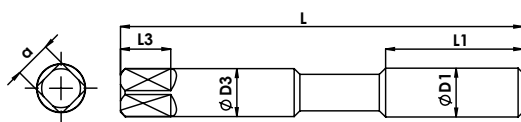


HSS-E

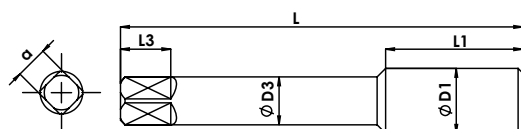
ISO  
529

6HX

C/2-3P



Reinforced Shank (M8 - M10)



Reduced Shank (M12 - M16)

IS 6175 Part 2



IS 6175 Part 3



IS 6175 Part 2



IS 6175 Part 3



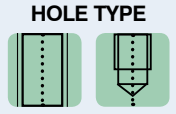
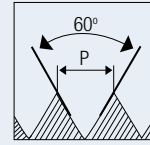
ISO 529 / IS 6175 Part 2							Series	SD1	SD3
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Material - 1 <sup>st</sup> choice	N1-N3	N1-N3
ØD1	p	L	L1	ØD3	a	L3	Material - 2 <sup>nd</sup> choice	-	P0-P2
							Coating	Bright	TiN
							Tapping Drill Diameter	EDP No.	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1		
M 8	1	69	19	8	6.3	9	7.5	FAB0203223	FAB0203233
M 10	1	76	20	10	8	11	9.5	FAB0203224	FAB0203234
M 10	1.25	76	20	10	8	11	9.4	FAB0203225	FAB0203235
M 12	1.5	89	29	9	7.1	10	11.3	FAB0203226	FAB0203236
M 14	1.5	95	30	11.2	9	12	13.3	FAB0203227	FAB0203237
M 16	1.5	102	32	12.5	10	13	15.3	FAB0203229	FAB0203239

Unit : mm



**MF**

**Metric fine threads**

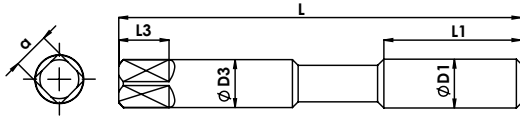


**HSS-E**

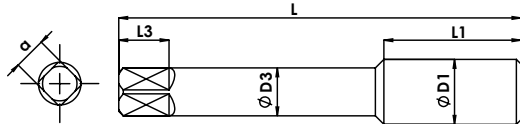
**ISO 529**

**6HX**

**C/2-3P**



Reinforced Shank (M8 - M10)



Reduced Shank (M12 - M16)

IS 6175 Part 2



IS 6175 Part 3



Series	SDF5
Material - 1 <sup>st</sup> choice	P1-P2
Material - 2 <sup>nd</sup> choice	-
Coating	TiCN

**ISO 529 / IS 6175 Part 2**

Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1	
M 8	1	69	19	8	6.3	9	7.5	FAB0203245
M 10	1	76	20	10	8	11	9.5	FAB0203247
M 10	1.25	76	20	10	8	11	9.4	FAB0203248

**ISO 529 / IS 6175 Part 3**

M 12	1.5	89	29	9	7.1	10	11.3	FAB0203250
M 14	1.5	95	30	11.2	9	12	13.3	FAB0203252
M 16	1.5	102	32	12.5	10	13	15.3	FAB0203253

Unit : mm



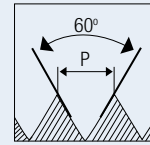
Silver cut

Forming Taps

HSS TAPS

M/MF

Metric coarse & fine threads



HOLE TYPE



HSS-E

JIS

6HX



<p>Reinforced Shank (M3 - M6) Male Centre upto M5</p>										
<p>Reduced Shank (M8 - M12)</p>										
								Series	SD1	SD3
								Material - 1 <sup>st</sup> choice	N1-N2	P0-P2, N1-N3
								Material - 2 <sup>nd</sup> choice	-	-
								Coating	Bright	TiN
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	2.8	FAB0205634	FAB0205060	
M 4	0.7	52	13	5	4	7	3.7	FAB0205635	FAB0205061	
M 5	0.8	60	16	5.5	4.5	7	4.7	FAB0205636	FAB0205062	
M 6	1	62	19	6	4.5	7	5.5	FAB0205637	FAB0205063	
M 8	1.25	70	22	6.2	5	8	7.4	FAB0205638	FAB0205064	
M 8	1	70	22	6.2	5	8	7.5	FAB0205639	FAB0205065	
M 10	1.5	75	24	7	5.5	8	9.3	FAB0205640	FAB0205066	
M 10	1.25	75	24	7	5.5	8	9.4	FAB0205641	FAB0205067	
M 12	1.75	82	29	8.5	6.5	9	11.2	FAB0205642	FAB0205069	
M 12	1.5	82	29	8.5	6.5	9	11.3	FAB0205643	FAB0205070	

Unit : mm