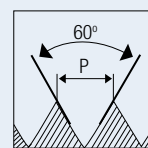




Spiral Point Taps

M

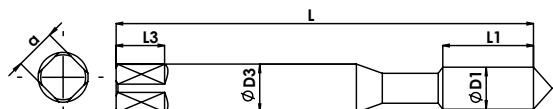
Metric coarse threads



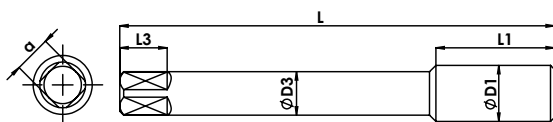
HOLE TYPE



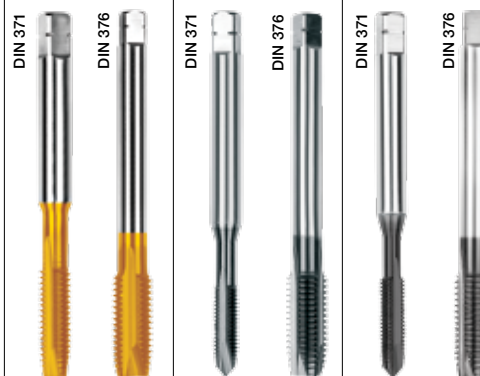
HSS-E DIN 371/376 6HX B/4-4.5P



Reinforced Shank DIN371 (M3 - M10)



Reduced Shank DIN376 (M12 - M20)



DIN 371									Series	SAS3	SAS5	SAS6
									Material - 1 <sup>st</sup> choice	M1	M1-M2	M1-M3
									Material - 2 <sup>nd</sup> choice	-	-	-
									Coating	TiN	TiCN	TiAlN + WC/C
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flute	EDP No.	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1					
M3	0.5	56	11	3.5	2.7	6	2.5	3	FAB0204675	FAB0204665	FAB0204778	
M 4	0.7	63	13	4.5	3.4	6	3.3	3	FAB0204676	FAB0204666	FAB0204779	
M 5	0.8	70	16	6	4.9	7	4.2	3	FAB0204677	FAB0204667	FAB0204780	
M 6	1	80	19	6	4.9	7	5	3	FAB0204678	FAB0204668	FAB0204781	
M 8	1.25	90	22	8	6.2	9	6.8	3	FAB0204679	FAB0204669	FAB0204782	
M 10	1.5	100	24	10	8	11	8.5	3	FAB0204680	FAB0204670	FAB0204783	

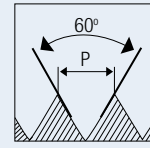
DIN 376											
M 12	1.75	110	28	9	7	10	10.2	3	FAB0204681	FAB0204671	FAB0204784
M 14	2	110	30	11	9	12	12	3	FAB0204682	FAB0204672	FAB0204785
M 16	2	110	32	12	9	12	14	3	FAB0204683	FAB0204673	FAB0204786
M 18	2.5	125	34	14	11	14	15.5	4	FAB0205281	FAB0205282	FAB0205283
M 20	2.5	140	34	16	12	15	17.5	4	FAB0204684	FAB0204674	FAB0204897

Unit : mm



# M

## Metric coarse threads



HOLE TYPE

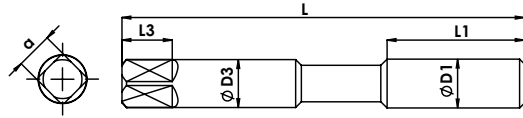


HSS-E

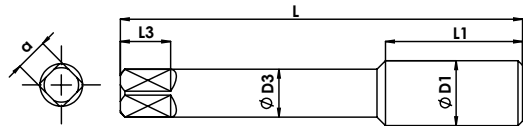
ISO 529

6HX

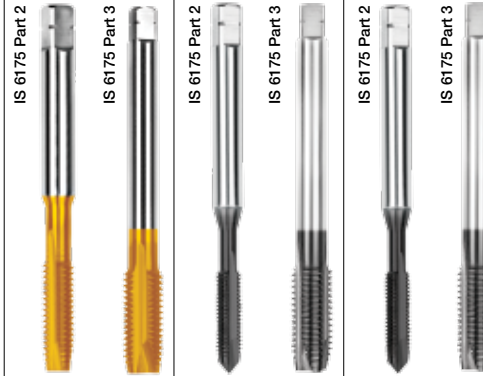
B/4-4.5P



Reinforced Shank (M3 - M10)  
Male Centre upto M5



Reduced Shank (M12 - M16)



									Series	SAS3	SAS5	SAS6
									Material - 1 <sup>st</sup> choice	M1	M1-M2	M1-M3
									Material - 2 <sup>nd</sup> choice	-	-	-
									Coating	TiN	TiCN	TiAlN + WC/C
ISO529 / 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 Flute				
ØD1	p	L	L1	ØD3	a	L3	Ød1					
M 3	0.5	48	11	3.15	2.5	5	2.5	3	FAB0203094	FAB0203103	FAB0205137	
M 4	0.7	53	13	4	3.15	6	3.3	3	FAB0203095	FAB0203104	FAB0205138	
M 5	0.8	58	16	5	4	7	4.2	3	FAB0203096	FAB0203105	FAB0205139	
M 6	1	66	19	6.3	5	8	5	3	FAB0203097	FAB0203106	FAB0205140	
M 8	1.25	72	22	8	6.3	9	6.8	3	FAB0203098	FAB0203107	FAB0205141	
M 10	1.5	80	24	10	8	11	8.5	3	FAB0203099	FAB0203108	FAB0205142	

ISO529 / 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 Flute			
ØD1	p	L	L1	ØD3	a	L3	Ød1				
M 12	1.75	89	29	9	7.1	10	10.2	3	FAB0203100	FAB0203109	FAB0205143
M 14	2	95	30	11.2	9	12	12	3	FAB0203101	FAB0203110	FAB0205144
M 16	2	102	32	12.5	10	13	14	3	FAB0203102	FAB0203111	FAB0205145

Unit : mm

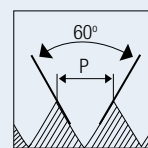


Spiral Point Taps

HSS TAPS

**MF**

**Metric fine threads**



HOLE TYPE



HSS-E
DIN 374
6HX
B/4-4.5P

<p>Male Centre (M8 - M10) Female Centre (M12 - M20)</p>																		
										<table border="1"> <tr> <td>Series</td> <td>SAF3</td> <td>SAF5</td> <td>SAF7</td> </tr> <tr> <td>Material - 1<sup>st</sup> choice</td> <td>P1-P2</td> <td>P1-P3</td> <td>P2-P3</td> </tr> <tr> <td>Material - 2<sup>nd</sup> choice</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Coating</td> <td>TiN</td> <td>TiCN</td> <td>AlCrN</td> </tr> </table>			Series	SAF3	SAF5	SAF7	Material - 1 <sup>st</sup> choice	P1-P2
Series	SAF3	SAF5	SAF7															
Material - 1 <sup>st</sup> choice	P1-P2	P1-P3	P2-P3															
Material - 2 <sup>nd</sup> choice	-	-	-															
Coating	TiN	TiCN	AlCrN															
DIN 374																		
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flute	EDP No.	EDP No.	EDP No.							
ØD1	p	L	L1	ØD3	a	L3	Ød1											
M 8	1	90	18	6	4.9	7	7	3	FAB0204544	FAB0204550	FAB0204750							
M 10	1.25	100	22	7	5.5	8	8.8	3	FAB0204545	FAB0204551	FAB0204751							
M 10	1	90	18	7	5.5	8	9	3	FAB0204903	FAB0204929	FAB0204752							
M 12	1.5	100	22	9	7	10	10.5	3	FAB0204547	FAB0204553	FAB0204753							
M 12	1.25	100	22	9	7	10	10.8	3	FAB0204546	FAB0204552	FAB0204754							
M 14	1.5	100	22	11	9	12	12.5	3	FAB0204548	FAB0203818	FAB0204755							
M 16	1.5	100	22	12	11	12	14.5	3	FAB0204549	FAB0204555	FAB0204756							
M 18	1.5	110	25	14	12	14	16.5	4	FAB0204904	FAB0204930	FAB0204757							
M 20	1.5	125	25	16	14.5	15	18.5	4	FAB0204905	FAB0204931	FAB0204758							

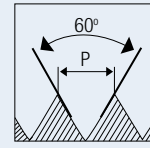
Unit : mm



## Spiral Point Taps

# MF

## Metric fine threads



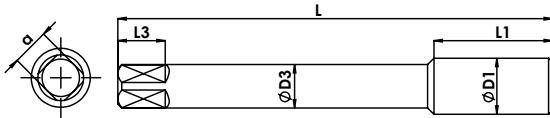
HOLE TYPE



HSS-E

DIN 374

6HX



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



Series	SAS3	SAS5	SAS6
Material - 1 <sup>st</sup> choice	M1	M1-M2	M1-M3
Material - 2 <sup>nd</sup> choice	-	-	-
Coating	TiN	TiCN	TiAlN + WC/C
EDP No.	EDP No.	EDP No.	EDP No.

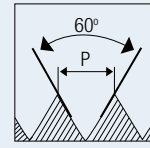
DIN 374		Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flute
Nominal Diameter	Pitch	L	L1	ØD3	a	L3	Ød1	
M 8	1	90	18	6	4.9	7	7	3
M 10	1.25	100	22	7	5.5	8	8.8	3
M 10	1	90	18	7	5.5	8	9	3
M 12	1.5	100	22	9	7	10	10.5	3
M 12	1.25	100	22	9	7	10	10.8	3
M 14	1.5	100	22	11	9	12	12.5	3
M 16	1.5	100	22	12	11	12	14.5	3
M 18	1.5	110	25	14	12	14	16.5	4
M 20	1.5	125	25	16	14.5	15	18.5	4

Unit : mm



## MF

### Metric fine threads



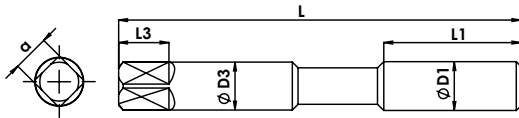
HOLE TYPE



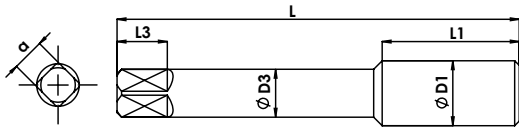
HSS-E

ISO 529

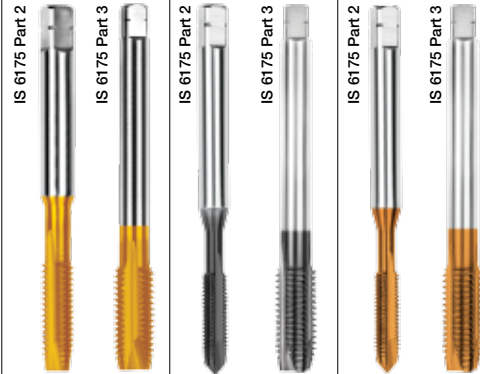
6HX



Reinforced Shank (M8 - M10)



Reduced Shank (M12 - M20)



Series	SAF3	SAF5	SAF7
Material - 1 <sup>st</sup> choice	P1-P2	P1-P3	P2-P3
Material - 2 <sup>nd</sup> choice	-	-	-
Coating	TiN	TiCN	AlCrN
EDP No.	EDP No.	EDP No.	EDP No.

ISO529 / IS 6175 Part 2

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 8	1	69	19	8	6.3	9	7	3	FAB0203064	FAB0203081	FAB0205164
M 10	1	76	20	10	8	11	9	3	FAB0203066	FAB0203083	FAB0205165
M 10	1.25	76	20	10	8	11	8.8	3	FAB0203067	FAB0203084	FAB0205166

ISO529 / IS 6175 Part 3

M 12	1.5	89	29	9	7.1	10	10.5	3	FAB0203069	FAB0203086	FAB0205167
M 14	1.5	95	30	11.2	9	12	12.5	3	FAB0203071	FAB0203088	FAB0205168
M 16	1.5	102	32	12.5	10	13	14.5	3	FAB0203073	FAB0203090	FAB0205169
M 18	1.5	104	29	14	11.2	14	16.5	4	FAB0203075	FAB0203092	FAB0205170
M 20	1.5	104	29	14	11.2	14	18.5	4	FAB0203076	FAB0203093	FAB0205171

Unit : mm



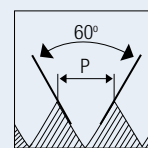
Silver cut

Spiral Point Taps

HSS TAPS

**MF**

**Metric fine threads**



HOLE TYPE



HSS-E

ISO 529

6HX

B/4-4.5P

<p>Reinforced Shank (M8 - M10)</p>							<p>Reduced Shank (M12 - M20)</p>				
							Series	SAS3	SAS5	SAS6	
							Material - 1 <sup>st</sup> choice	M1	M1-M2	M1-M3	
							Material - 2 <sup>nd</sup> choice	-	-	-	
							Coating	TiN	TiCN	TiAlN + WC/C	
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.	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1				
M 8	1	69	19	8	6.3	9	7	3	FAB0205172	FAB0205180	FAB0205585
M 10	1	76	20	10	8	11	9	3	FAB0205173	FAB0205181	FAB0205586
M 10	1.25	76	20	10	8	11	8.8	3	FAB0205174	FAB0205182	FAB0205587

ISO529 / IS 6175 Part 3											
M 12	1.5	89	29	9	7.1	10	10.5	3	FAB0205175	FAB0205183	FAB0205588
M 14	1.5	95	30	11.2	9	12	12.5	3	FAB0205176	FAB0205184	FAB0205589
M 16	1.5	102	32	12.5	10	13	14.5	3	FAB0205177	FAB0205185	FAB0205590
M 18	1.5	104	29	14	11.2	14	16.5	4	FAB0205178	FAB0205186	FAB0205591
M 20	1.5	104	29	14	11.2	14	18.5	4	FAB0205179	FAB0205187	FAB0205592

Unit : mm

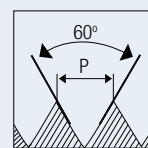


Spiral Point Taps

HSS TAPS

UNC

Unified coarse threads



HOLE TYPE

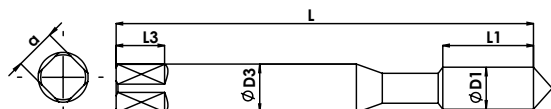


HSS-E

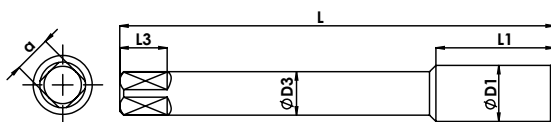
DIN 371/376

2B

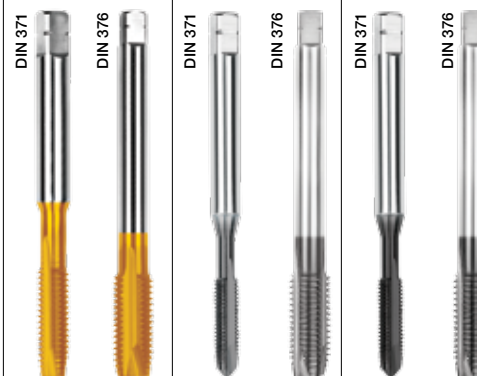
B/4-4.5P



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



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



DIN 371									Series	SAS3	SAS5	SAS6
									Material - 1 <sup>st</sup> choice	M1	M1-M2	M1-M3
									Material - 2 <sup>nd</sup> choice	-	-	-
									Coating	TiN	TiCN	TiAlN + WC/C
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flute	EDP No.	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1					
1/4"	20	80	19	7	5.5	8	5.1	3	FAB0205308	FAB0205317	FAB0205326	
5/16"	18	90	22	8	6.2	9	6.6	3	FAB0205309	FAB0205318	FAB0205327	
3/8"	16	100	24	10	8	11	8	3	FAB0205310	FAB0205319	FAB0205328	

DIN 376											
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flute	EDP No.	EDP No.	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1				
7/16"	14	110	24	8	6.2	9	9.4	3	FAB0205311	FAB0205320	FAB0205329
1/2"	13	110	28	9	7	10	10.8	3	FAB0205312	FAB0205321	FAB0205330
5/8"	11	110	32	12	9	12	13.6	3	FAB0205313	FAB0205322	FAB0205331
3/4"	10	125	34	14	11	14	16.5	4	FAB0205314	FAB0205323	FAB0205332
7/8"	9	140	34	18	14.5	17	19.6	4	FAB0205315	FAB0205324	FAB0205333
1"	8	160	38	18	14.5	17	22.3	4	FAB0205316	FAB0205325	FAB0205334

Unit : mm

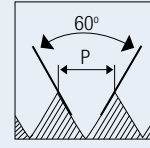


Silver cut

Spiral Point Taps

# UNC

## Unified coarse threads



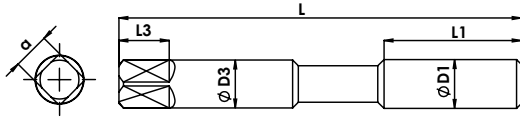
HOLE TYPE



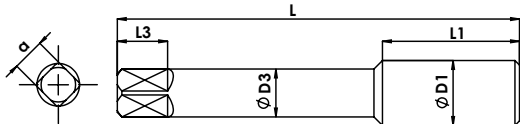
HSS-E

ISO 529

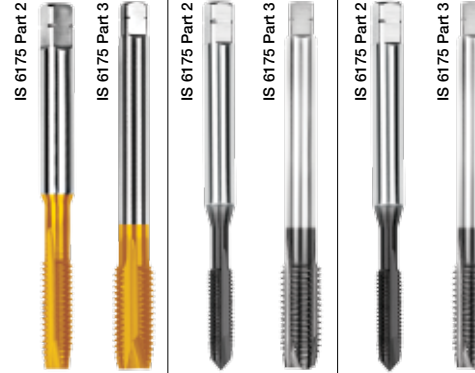
2B



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



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



Series	SAS3	SAS5	SAS6
Material - 1 <sup>st</sup> choice	M1	M1-M2	M1-M3
Material - 2 <sup>nd</sup> choice	-	-	-
Coating	TiN	TiCN	TiAlN + WC/C

ISO529 / IS 6175 Part 2			Coating		TiN		TiCN		TiAlN + WC/C		
Nominal Diameter	TPI	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				
1/4"	20	66	19	6.3	5	8	5.1	3	FAB0205217	FAB0205224	FAB0205231
5/16"	18	72	22	8	6.3	9	6.6	3	FAB0205218	FAB0205225	FAB0205232
3/8"	16	80	24	10	8	11	8	3	FAB0205219	FAB0205226	FAB0205233

ISO529 / IS 6175 Part 3			Coating		TiN		TiCN		TiAlN + WC/C		
Nominal Diameter	TPI	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				
7/16"	14	85	25	8	6.3	9	9.4	3	FAB0205220	FAB0205227	FAB0205234
1/2"	13	89	29	9	7.1	10	10.8	3	FAB0205221	FAB0205228	FAB0205235
5/8"	11	102	32	12.5	10	13	13.5	3	FAB0205222	FAB0205229	FAB0205236
3/4"	10	112	37	14	11.2	14	16.5	4	FAB0205223	FAB0205230	FAB0205237

Unit : mm





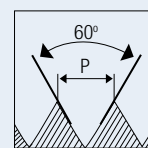
Silver cut

Spiral Point Taps

HSS TAPS

UNF

Unified fine threads



HOLE TYPE



HSS-E
DIN 374
2B
B/4-4.5P

<p>Male Centre (1/4" - 3/8") Female Centre (7/16" - 1")</p>												
									Series	SAS3	SAS5	SAS6
									Material - 1 <sup>st</sup> choice	M1	M1-M2	M1-M3
									Material - 2 <sup>nd</sup> choice	-	-	-
DIN 374									Coating	TiN	TiCN	TiAIN + WC/C
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flute	EDP No.	EDP No.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1					
1/4"	28	80	19	4.5	3.4	6	5.5	3	FAB0205335	FAB0205344	FAB0205353	
5/16"	24	90	22	6	4.9	8	6.9	3	FAB0205336	FAB0205345	FAB0205354	
3/8"	24	90	20	7	5.5	8	8.5	3	FAB0205337	FAB0205346	FAB0205355	
7/16"	20	90	20	9	6.2	9	9.9	3	FAB0205338	FAB0205347	FAB0205356	
1/2"	20	100	22	9	7	10	11.5	3	FAB0205339	FAB0205348	FAB0205357	
5/8"	18	100	22	12	9	12	14.5	3	FAB0205340	FAB0205349	FAB0205358	
3/4"	16	110	25	14	11	14	17.5	4	FAB0205341	FAB0205350	FAB0205359	
7/8"	14	125	25	18	14.5	17	20.5	4	FAB0205342	FAB0205351	FAB0205360	
1"	12	140	28	18	14.5	17	23.3	4	FAB0205343	FAB0205352	FAB0205361	

Unit : mm

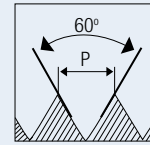


Silver cut

Spiral Point Taps

# UNF

## Unified fine threads



HOLE TYPE

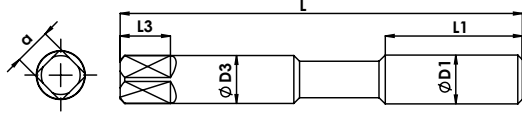


HSS-E

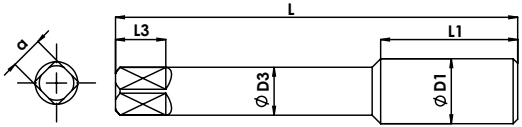
ISO 529

2B

B/4-4.5P



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



Reduced Shank (7/16" - 3/8")



Series	SAS3	SAS5	SAS6
Material - 1 <sup>st</sup> choice	M1	M1-M2	M1-M3
Material - 2 <sup>nd</sup> choice	-	-	-
Coating	TiN	TiCN	TiAlN + WC/C
EDP No.			

**ISO529 / IS 6175 Part 2**

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"	28	66	19	6.3	5	8	5.5	3
5/16"	24	69	19	8	6.3	9	6.9	3
3/8"	24	76	20	10	8	11	8.5	3

**ISO529 / IS 6175 Part 3**

7/16"	20	82	22	8	6.3	9	9.9	3	FAB0205262	FAB0205269	FAB0205276
1/2"	20	84	24	9	7.1	10	11.5	3	FAB0205263	FAB0205270	FAB0205277
5/8"	18	95	25	12.5	10	13	14.5	3	FAB0205264	FAB0205271	FAB0205278
3/4"	16	104	29	14	11.2	14	17.5	4	FAB0205265	FAB0205272	FAB0205279

Unit : mm