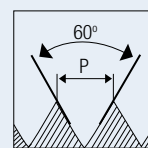




Metric coarse threads



HOLE TYPE



<p>Reinforced Shank DIN371 (M3 - M10)</p>																
<p>Reduced Shank DIN376 (M12 - M20)</p>																
									Series		SA1		SA3		SA4	
									Material - 1 st choice		P0, N4		P0-P1		P0-P3	
									Material - 2 nd choice		N1-N2		K2-K3		K1-K2	
									Coating		Bright		TiN		TiAlN	
DIN 371									Coating		Bright		TiN		TiAlN	
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 3	0.5	56	11	3.5	2.7	6	2.5	3	FAB0203112	FAB0203123	FAB0204205					
M 3.5	0.6	56	12	4	3	6	2.9	3	FAB0203113	FAB0203124	FAB0204206					
M 4	0.7	63	13	4.5	3.4	6	3.3	3	FAB0203114	FAB0203125	FAB0204207					
M 5	0.8	70	16	6	4.9	7	4.2	3	FAB0203115	FAB0203126	FAB0204208					
M 6	1	80	19	6	4.9	7	5	3	FAB0203116	FAB0203127	FAB0204209					
M 8	1.25	90	22	8	6.2	9	6.8	3	FAB0203118	FAB0203129	FAB0204210					
M 10	1.5	100	24	10	8	11	8.5	3	FAB0203119	FAB0203130	FAB0204211					

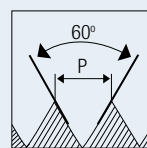
DIN 376											
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flute	EDP No.	EDP No.	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1				
M 12	1.75	110	28	9	7	10	10.2	3	FAB0203120	FAB0203131	FAB0204212
M 14	2	110	30	11	9	12	12	3	FAB0203121	FAB0203132	FAB0204213
M 16	2	110	32	12	9	12	14	3	FAB0203122	FAB0203133	FAB0204214
M 18	2.5	125	34	14	11	14	15.5	4	FAB0204201	FAB0204203	FAB0204215
M 20	2.5	140	34	16	12	15	17.5	4	FAB0204202	FAB0204204	FAB0204216

Unit : mm



M

Metric coarse threads



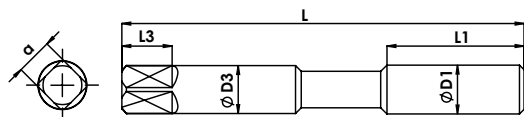
HOLE TYPE



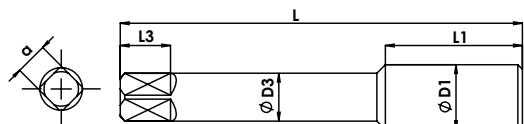
HSS-E

ISO 529

6HX



Reinforced Shank (M3 - M10)
Male Centre upto M5



Reduced Shank (M12 - M20)



Series	SA1	SA3	SA4
Material - 1 st choice	P0, N4	P0-P1	P0-P3
Material - 2 nd choice	N1-N2	K2-K3	K1-K2
Coating	Bright	TiN	TiAlN
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	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
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
M 5	0.8	58	16	5	4	7	4.2	3
M 6	1	66	19	6.3	5	8	5	3
M 7	1	66	19	7.1	5.6	8	6	3
M 8	1.25	72	22	8	6.3	9	6.8	3
M 10	1.5	80	24	10	8	11	8.5	3

ISO529 / IS 6175 Part 3

M 12	1.75	89	29	9	7.1	10	10.2	3	FAB0200749	FAB0200751	FAB0203052
M 14	2	95	30	11.2	9	12	12	3	FAB0200778	FAB0200780	FAB0203054
M 16	2	102	32	12.5	10	13	14	3	FAB0200799	FAB0200801	FAB0203055
M 18	2.5	112	37	14	11.2	14	15.5	4	FAB0203037	FAB0203043	FAB0203057
M 20	2.5	112	37	14	11.2	14	17.5	4	FAB0203039	FAB0200810	FAB0203059

Unit : mm



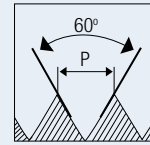
Silver cut

Spiral Point Taps

HSS TAPS

M/MF

Metric coarse & fine threads



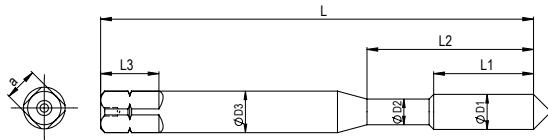
HOLE TYPE



HSS-E

JIS

6HX



Reinforced Shank (M3 - M6)
Male Centre upto M6



Reduced Shank (M8- M20)



JIS								Series	SA1	SA4
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	Material - 1 st choice		
ØD1	p	L	L1	ØD3	a	L3	Ød1	Material - 2 nd choice	Coating	
								Bright	TiAlN	
								EDP No.	EDP No.	
M 3	0.5	46	11	4	3.2	6	2.5			
M 4	0.7	52	13	5	4	7	3.3			
M 5	0.8	60	16	5.5	4.5	7	4.2			
M 6	1	62	19	6	4.5	7	5			
M 8	1.25	70	22	6.2	5	8	6.8			
M 8	1	70	22	6.2	5	8	7			
M 10	1.5	75	24	7	5.5	8	8.5			
M 10	1.25	75	24	7	5.5	8	8.8			
M 12	1.75	82	29	8.5	6.5	9	10.3			
M 12	1.5	82	29	8.5	6.5	9	10.5			
M 14	2	88	30	10.5	8	11	12			
M 16	2	95	32	12.5	10	13	14			
M 18	2.5	100	37	14	11	14	15.5			
M 20	2.5	105	37	15	12	15	17.5			

Unit : mm

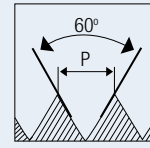


TOTEM Silver cut

Spiral Point Taps

MF

Metric fine threads



HOLE TYPE

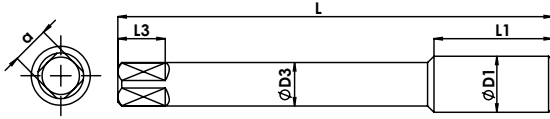


HSS-E

DIN 374

6HX

B/4-4.5P



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



Series	SA1	SA3	SA4
Material - 1 st choice	P0, N4	P0-P1	P0-P3
Material - 2 nd choice	N1-N2	K2-K3	K1-K2
Coating	Bright	TiN	TiAlN

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 6	0.75	80	14	4.5	3.4	6	5.2	3	FAB0204241	FAB0204252	FAB0204263
M 8	1	90	18	6	4.9	7	7	3	FAB0204242	FAB0204253	FAB0204264
M 10	1.25	100	22	7	5.5	8	8.8	3	FAB0204243	FAB0204254	FAB0204265
M 10	1	90	18	7	5.5	8	9	3	FAB0204244	FAB0204255	FAB0204266
M 12	1.5	100	22	9	7	10	10.5	3	FAB0204245	FAB0204256	FAB0204267
M 12	1.25	100	22	9	7	10	10.8	3	FAB0204246	FAB0204257	FAB0204268
M 14	1.5	100	22	11	9	12	12.5	3	FAB0204247	FAB0204258	FAB0204269
M 14	1.25	100	22	11	9	12	12.8	3	FAB0204248	FAB0204259	FAB0204270
M 16	1.5	100	22	12	9	12	14.5	3	FAB0204249	FAB0204260	FAB0204271
M 18	1.5	110	25	14	11	14	16.5	4	FAB0204250	FAB0204261	FAB0204272
M 20	1.5	125	25	16	12	15	18.5	4	FAB0204251	FAB0204262	FAB0204273

Unit : mm

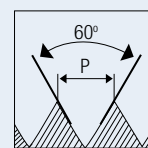


Spiral Point Taps

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		SA1		SA3		SA4	
							Material - 1 st choice		P0, N4		P0-P1		P0-P3	
							Material - 2 nd choice		N1-N2		K2-K3		K1-K2	
							Coating		Bright		TiN		TiAIN	
ISO529 / IS 6175 Part 2							Tapping Drill Diameter		EDP No.		EDP No.		EDP No.	
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Ød1	No. of Flutes						
ØD1	p	L	L1	ØD3	a	L3	Ød1							
M 8	1	69	19	8	6.3	9	7	3	FAB0203034	FAB0203041	FAB0203048			
M 10	1	76	20	10	8	11	9	3	FAB0203035	FAB0200702	FAB0203049			
M 10	1.25	76	20	10	8	11	8.8	3	FAB0200708	FAB0200710	FAB0203050			

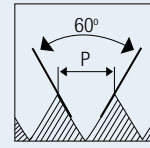
ISO529 / IS 6175 Part 3												
M	p	L	L1	ØD3	a	L3	Ød1	No. of Flutes	EDP No.	EDP No.	EDP No.	
M 12	1.5	89	29	9	7.1	10	10.5	3	FAB0200738	FAB0200740	FAB0203051	
M 14	1.5	95	30	11.2	9	12	12.5	3	FAB0200769	FAB0200771	FAB0203053	
M 16	1.5	102	32	12.5	10	13	14.5	3	FAB0200787	FAB0200789	FAB0200790	
M 18	1.5	104	29	14	11.2	14	16.5	4	FAB0203036	FAB0203042	FAB0203056	
M 20	1.5	104	29	14	11.2	14	18.5	4	FAB0203038	FAB0200807	FAB0203058	

Unit : mm



UNC

Unified coarse threads



HOLE TYPE

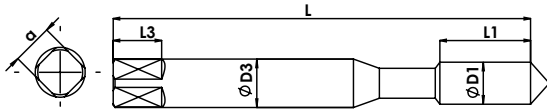


HSS-E

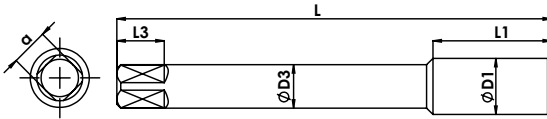
DIN 371/376

2B

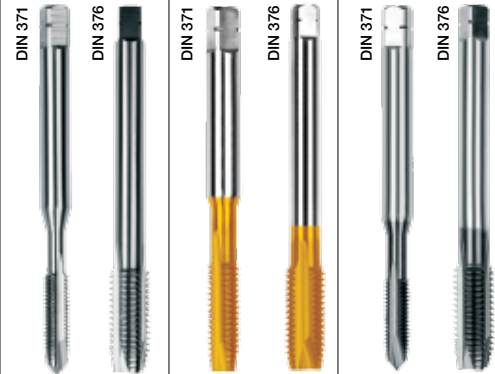
B/4-4.5P



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



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



Series	SA1	SA3	SA4
Material - 1 st choice	P0, N4	P0-P1	P0-P3
Material - 2 nd choice	N1-N2	K2-K3	K1-K2
Coating	Bright	TiN	TiAIN
EDP No.			

DIN 371									No of Flute	EDP No.	EDP No.	EDP No.
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter					
ØD1	p	L	L1	ØD3	a	L3	Ød1					
1/4"	20	80	19	7	5.5	8	5.1	3	FAB0204274	FAB0204283	FAB0204292	
5/16"	18	90	22	8	6.2	9	6.6	3	FAB0204275	FAB0204284	FAB0204293	
3/8"	16	100	24	10	8	11	8	3	FAB0204276	FAB0204285	FAB0204294	

DIN 376									No of Flute	EDP No.	EDP No.	EDP No.
Nominal Diameter	TPI	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter					
7/16"	14	100	24	8	6.2	9	9.4	3	FAB0204277	FAB0204286	FAB0204295	
1/2"	13	110	28	9	7	10	10.8	3	FAB0204278	FAB0204287	FAB0204296	
5/8"	11	110	32	12	9	12	13.5	3	FAB0204279	FAB0204288	FAB0204297	
3/4"	10	125	34	14	11	14	16.5	4	FAB0204280	FAB0204289	FAB0204298	
7/8"	9	140	34	18	14.5	17	19.5	4	FAB0204281	FAB0204290	FAB0204299	
1"	8	160	38	18	14.5	17	22.25	4	FAB0204282	FAB0204291	FAB0204300	

Unit : mm



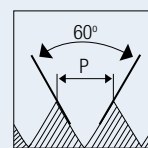
Silver cut

Spiral Point Taps

HSS TAPS

UNC

Unified coarse threads



HOLE TYPE

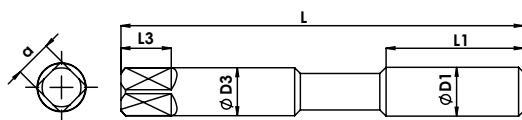


HSS-E

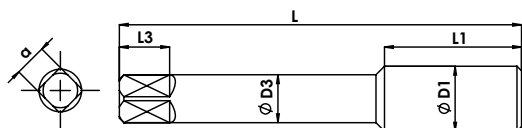
ISO 529

2B

B/4-4.5P



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



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

IS 6175 Part 2

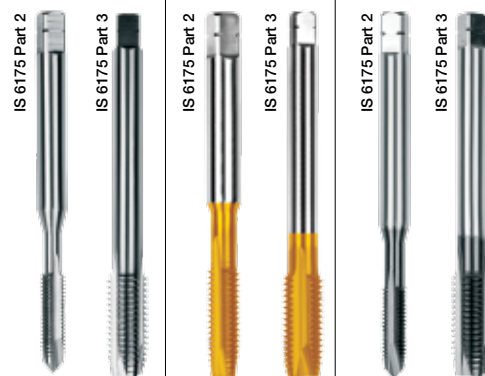
IS 6175 Part 3

IS 6175 Part 2

IS 6175 Part 3

IS 6175 Part 2

IS 6175 Part 3



ISO529 / IS 6175 Part 2									Series	SA1	SA3	SA4
Material - 1 st choice									P0, N4	P0-P1	P0-P3	
Material - 2 nd choice									N1-N2	K2-K3	K1-K2	
Coating									Bright	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.	EDP No.	
ØD1	p	L	L1	ØD3	a	L3	Ød1					
1/4"	20	66	19	6.3	5	8	5.1	3	FAB0200573	FAB0200575	FAB0205196	
5/16"	18	72	22	8	6.3	9	6.6	3	FAB0200582	FAB0200584	FAB0205197	
3/8"	16	80	24	10	8	11	8	3	FAB0200593	FAB0200595	FAB0205198	

ISO529 / IS 6175 Part 3									EDP No.	EDP No.	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	85	25	8	6.3	9	9.4	3	FAB0200603	FAB0200605	FAB0205199
1/2"	13	89	29	9	7.1	10	10.8	3	FAB0200614	FAB0200616	FAB0205200
5/8"	11	102	32	12.5	10	13	13.5	3	FAB0200627	FAB0200629	FAB0200630
3/4"	10	112	37	14	11.2	14	16.5	4	FAB0200638	FAB0200640	FAB0205202

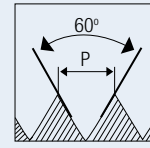
Unit : mm



Spiral Point Taps

UNF

Unified fine threads



HOLE TYPE

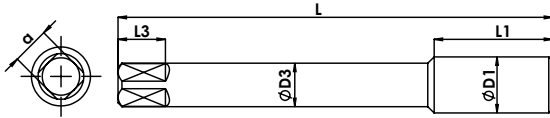


HSS-E

DIN 374

2B

B/4-4.5P



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



Series	SA1	SA3	SA4
Material - 1 st choice	P0, N4	P0-P1	P0-P3
Material - 2 nd choice	N1-N2	K2-K3	K1-K2
Coating	Bright	TiN	TiAIN

DIN 374		Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	No of Flute	EDP No.	EDP No.	EDP No.
Nominal Diameter	TPI										
ØD1	p	L	L1	ØD3	a	L3	Ød1				
1/4"	28	80	19	4.5	3.4	6	5.5	3	FAB0204301	FAB0204310	FAB0204319
5/16"	24	90	22	6	4.9	8	6.9	3	FAB0204302	FAB0204311	FAB0204320
3/8"	24	90	20	7	5.5	8	8.5	3	FAB0204303	FAB0204312	FAB0204321
7/16"	20	90	20	8	6.2	9	9.9	3	FAB0204304	FAB0204313	FAB0204322
1/2"	20	100	22	9	7	10	11.5	3	FAB0204305	FAB0204314	FAB0204323
5/8"	18	100	22	12	9	12	14.5	3	FAB0204306	FAB0204315	FAB0204324
3/4"	16	110	25	14	11	14	17.5	4	FAB0204307	FAB0204316	FAB0204325
7/8"	14	125	25	18	14.5	17	20.5	4	FAB0204308	FAB0204317	FAB0204326
1"	12	140	28	18	14.5	17	23.3	4	FAB0204309	FAB0204318	FAB0204327

Unit : mm



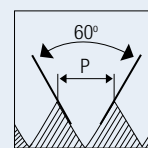
Silver cut

Spiral Point Taps

HSS TAPS

UNF

Unified fine threads



HOLE TYPE



HSS-E
ISO 529
2B
B/4-4.5P

									IS 6175 Part 2		IS 6175 Part 3		IS 6175 Part 2		IS 6175 Part 3		IS 6175 Part 2		IS 6175 Part 3	
									SA1		SA3		SA4							
									Material - 1 st choice		P0, N4		P0-P1		P0-P3					
									Material - 2 nd choice		N1-N2		K2-K3		K1-K2					
									Coating		Bright		TiN		TiAIN					
ISO529 / IS 6175 Part 2									EDP No.		EDP No.		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"	28	66	19	6.3	5	8	5.5	3	FAB0200497	FAB0200499	FAB0205238									
5/16"	24	69	19	8	6.3	9	6.9	3	FAB0200506	FAB0200508	FAB0205239									
3/8"	24	76	20	10	8	11	8.5	3	FAB0200517	FAB0200519	FAB0205240									

ISO529 / IS 6175 Part 3									EDP No.		EDP No.		EDP No.	
7/16"	20	82	22	8	6.3	9	9.9	3	FAB0200528	FAB0200530	FAB0205241			
1/2"	20	84	24	9	7.1	10	11.5	3	FAB0200539	FAB0200541	FAB0205242			
5/8"	18	95	25	12.5	10	13	14.5	3	FAB0200552	FAB0200554	FAB0205243			
3/4"	16	104	29	14	11.2	14	17.5	4	FAB0200563	FAB0200565	FAB0205244			

Unit : mm