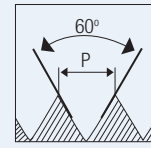




## HSS Hand Taps

# M

## Metric Coarse threads



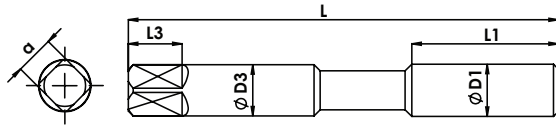
HOLE TYPE



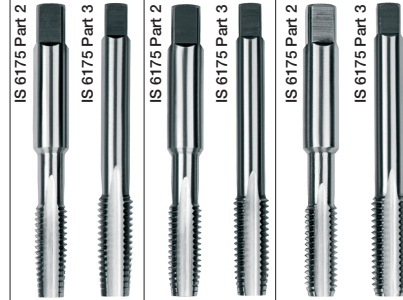
HSS

ISO 529

6H



Reinforced Shank (M3 - M10)



ISO 529 / IS 6175 Part 1							Lead Chamfer	Taper	Second	Bottom	Set
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	EDP No.	EDP No.	EDP No.	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1				
M 1.6	0.35	41	8	2.5	2	4	1.25	FAA0201730	FAA0201731	FAA0201732	FAA0201729
M 2.0	0.4	41	8	2.5	2	4	1.6	FAA0201747	FAA0201750	FAA0201753	FAA0201745
M 2.2	0.45	44.5	9.5	2.8	2.24	5	1.75	FAA0201762	FAA0201763	FAA0201764	FAA0201761
M 2.3	0.4	44.5	9.5	2.8	2.24	5	1.9	FAA0201767	FAA0201768	FAA0201769	FAA0201766
M 2.5	0.45	44.5	9.5	2.8	2.24	5	2.05	FAA0201772	FAA0201773	FAA0201775	FAA0201771
M 2.6	0.45	44.5	9.5	2.8	2.24	5	2.15	FAA0201783	FAA0201784	FAA0201785	FAA0201782

ISO 529 / IS 6175 Part 2							Lead Chamfer	Taper	Second	Bottom	Set
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	EDP No.	EDP No.	EDP No.	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1				
M 3.0	0.5	48	11	3.15	2.5	5	2.5	FAA0201792	FAA0201798	FAA0201804	FAA0201787
M 3.5	0.6	50	13	3.55	2.8	5	2.9	FAA0201832	FAA0201835	FAA0201838	FAA0201828
M 4.0	0.7	53	13	4	3.15	6	3.3	FAA0201854	FAA0201861	FAA0201866	FAA0201847
M 4.5	0.75	53	13	4.5	3.55	6	3.75	FAA0201892	FAA0201893	FAA0201894	FAA0201889
M 5.0	0.8	58	16	5	4	7	4.2	FAA0201904	FAA0201910	FAA0201917	FAA0201897
M 6.0	1	66	19	6.3	5	8	5	FAA0201947	FAA0201953	FAA0201959	FAA0201939
M 7.0	1	66	19	7.1	5.6	8	6	FAA0201989	FAA0201992	FAA0201995	FAA0201985
M 8.0	1.25	72	22	8	6.3	9	6.75	FAA0202009	FAA0202014	FAA0202020	FAA0202003
M 9.0	1.25	72	22	9	7.1	10	7.75	FAA0202055	FAA0202059	FAA0202063	FAA0202051
M 10.0	1.5	80	24	10	8	11	8.5	FAA0202080	FAA0202086	FAA0202093	FAA0202072

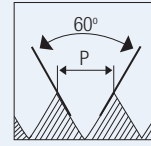
Unit : mm



## HSS Hand Taps



## Metric coarse threads



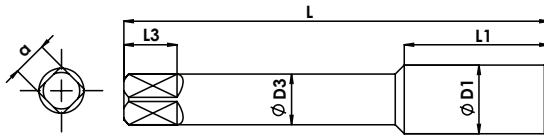
HOLE TYPE



HSS

ISO  
529

6H



Reduced Shank (M12 - M30)

IS 6175 Part 3



IS 6175 Part 3



IS 6175 Part 3



ISO 529 / IS 6175 Part 3							Lead Chamfer	Taper	Second	Bottom	Set
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	EDP No.	EDP No.	EDP No.	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1				
M 11.0	1.5	85	25	8	6.3	9	9.5	FAA0202127	FAA0202131	FAA0202136	FAA0202123
M 12.0	1.75	89	29	9	7.1	10	10.25	FAA0202147	FAA0202153	FAA0202157	FAA0202141
M 14	2	95	30	11.2	9	12	12	FAA0202181	FAA0202185	FAA0202189	FAA0202177
M 16	2	102	32	12.5	10	13	14	FAA0202209	FAA0202214	FAA0202219	FAA0202204
M 18	2.5	112	37	14	11.2	14	15.5	FAA0202251	FAA0202253	FAA0202256	FAA0202247
M 20	2.5	112	37	14	11.2	14	17.5	FAA0202271	FAA0202276	FAA0202281	FAA0202265
M 22	2.5	118	38	16	12.5	16	19.5	FAA0202306	FAA0202310	FAA0202314	FAA0202302
M 24	3	130	45	18	14	18	21	FAA0202330	FAA0202335	FAA0202340	FAA0202325
M 27	3	135	45	20	16	20	24	FAA0202364	FAA0202367	FAA0202370	FAA0202360
M 30	3.5	138	48	20	16	20	26.5	FAA0202385	FAA0202389	FAA0202393	FAA0202381
M 33	3.5	151	51	22.4	18	22	29.5	FAA0202408	FAA0202409	FAA0202410	FAA0202405
M 36	4	162	57	25	20	24	32	FAA0202421	FAA0202425	FAA0202429	FAA0202418
M 39	4	170	60	28	22.4	26	35	FAA0202443	FAA0202444	FAA0202445	FAA0202440
M 42	4.5	170	60	28	22.4	26	37.5	FAA0202452	FAA0202454	FAA0202455	FAA0202449
M 45	4.5	187	67	31.5	25	28	40.5	FAA0202462	FAA0202463	FAA0202464	FAA0202459
M 48	5	187	67	31.5	25	28	43	FAA0202471	FAA0202472	FAA0202473	FAA0202468
M 52	5	200	70	35.5	28	31	47	FAA0202478	FAA0202479	FAA0202480	FAA0202477
M 56	5.5	200	70	35.5	28	31	50.5	FAA0202482	FAA0202483	FAA0202484	FAA0202481

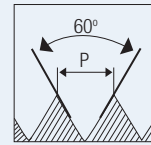
Unit : mm



## HSS Machine Taps



# Metric Long Shank Coarse threads

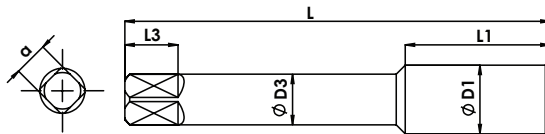


(Taper-Type A)

HOLE TYPE



HSS
ISO 2283
6H



ISO 2283 / IS 6175 Part 4							Lead Chamfer	5°
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	66	11	2.24	1.8	4	2.5	FAA0203714
M 4	0.7	73	13	3.15	2.5	5	3.3	FAA0203721
M 5	0.8	79	16	4	3.15	6	4.2	FAA0203738
M 6	1	89	19	4.5	3.55	6	5	FAA0203747
M 8	1.25	97	22	6.3	5	8	6.75	FAA0203770
M 10	1.5	108	24	8	6.3	9	8.5	FAA0203794
M 12	1.75	119	29	9	7.1	10	10.25	FAA0203816
M 14	2	127	30	11.2	9	12	12.5	FAA0207063
M 16	2	137	32	12.5	10	13	14	FAA0203852
M 18	2.5	149	37	14	11.2	14	15.5	FAA0203867
M 20	2.5	149	37	14	11.2	14	17.5	FAA0203884

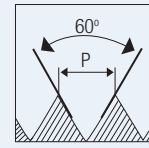
Unit : mm



HSS Machine Taps

M

# ISO Metric Long Shank Coarse threads



(Second-Type D)

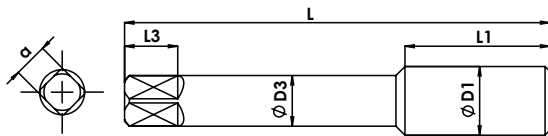
HOLE TYPE



HSS

ISO 2283

6H



ISO 2283 / IS 6175 Part 4							Lead Chamfer	10°
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	66	11	2.24	0.1	4	2.5	FAA0203715
M 4	0.7	73	13	3.15	2.5	5	3.3	FAA0203722
M 5	0.8	79	16	4	3.15	6	4.2	FAA0203739
M 6	1	89	19	4.5	3.55	6	5	FAA0203748
M 8	1.25	97	22	6.3	5	8	6.75	FAA0203771
M 10	1.5	108	24	8	6.3	9	8.5	FAA0203795
M 12	1.75	119	29	9	7	10	10.25	FAA0203817
M 14	2	127	30	11.2	9	12	12	FAA0207305
M 16	2	137	32	12.5	10	13	14	FAA0203853
M 18	2.5	149	37	14	11.2	14	15.5	FAA0207306
M 20	2.5	149	37	14	11.2	14	17.5	FAA0203885

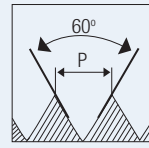
Unit : mm



## HSS Machine Taps

# M/MF

## Metric Long Shank Coarse & fine threads



(Bottom-Type C)

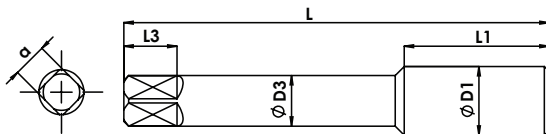
HOLE TYPE



HSS

ISO  
2283

6H



ISO 2283 / IS 6175 Part 4							Lead Chamfer	20°
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	66	11	2.24	1.8	4	2.5	FAA0203716
M 3.5	0.6	68	13	2.5	2	4	2.9	FAA0203719
M 4	0.7	73	13	3.15	2.5	5	3.3	FAA0203723
M 5	0.8	79	16	4	3.15	6	4.2	FAA0203740
M 6	1	89	19	4.5	3.55	6	5	FAA0203749
M 7	1	89	19	5.6	4.5	7	6	FAA0203759
M 8	1	97	19	6.3	5	8	7	FAA0203767
M 8	1.25	97	22	6.3	5	8	6.75	FAA0203772
M 9	1.25	97	22	7.1	5.6	8	7.75	FAA0203781
M 10	1	108	20	8	6.3	9	9	FAA0203786
M 10	1.25	108	20	8	6.3	9	8.75	FAA0203792
M 10	1.5	108	24	8	6.3	9	8.5	FAA0203796
M 12	1.25	119	24	9	7.1	10	10.75	FAA0203808
M 12	1.5	119	29	9	7.1	10	10.5	FAA0203813

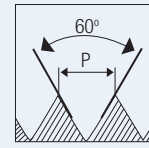
Unit : mm



HSS Machine Taps

M/MF

# Metric Long Shank Coarse & fine threads



(Bottom-Type C)

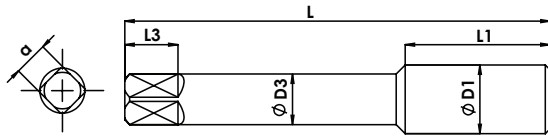
HOLE TYPE



HSS

ISO 2283

6H



ISO 2283 / IS 6175 Part 4							Lead Chamfer	20°
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	119	29	9	7.1	10	10.25	FAA0203818
M 14	1.25	127	25	11.2	9	12	12.75	FAA0203828
M 14	1.5	127	30	11.2	9	12	12.5	FAA0203832
M 14	2	127	30	11.2	9	12	12	FAA0203841
M 16	1.5	137	32	12.5	10	13	14.5	FAA0203849
M 16	2	137	32	12.5	10	13	14	FAA0203854
M 18	1.5	149	29	14	11.2	14	16.5	FAA0203864
M 18	2.5	149	37	14	11.2	14	15.5	FAA0203868
M 20	1.5	149	29	14	11.2	14	18.5	FAA0203875
M 20	2.5	149	37	14	11.2	14	17.5	FAA0203886
M 22	2.5	158	38	16	12.5	16	19.5	FAA0203902
M 24	3	172	45	18	14	18	21	FAA0203918
M 27	3	180	45	20	16	20	24	FAA0203940
M 30	3.5	183	48	20	16	20	26.5	FAA0203955

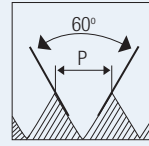
Unit : mm



## HSS Machine Taps

# M/MF

## Metric Long Shank Coarse & fine threads



(SPPT-Type B)

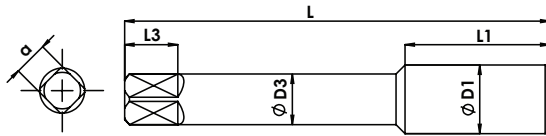
HOLE TYPE



HSS

ISO  
2283

6H



ISO 2283 / IS 6175 Part 4							Spiral Point with 10° lead chamfer	
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	66	11	2.24	1.8	4	2.5	FAA0203717
M 3.5	0.6	68	13	2.5	2	4	2.9	FAA0203720
M 4	0.7	73	13	3.15	2.5	5	3.3	FAA0203726
M 5	0.8	79	16	4	3.15	6	4.2	FAA0203743
M 6	1	89	19	4.5	3.55	6	5	FAA0203753
M 8	1.25	97	22	6.3	5	8	6.75	FAA0203775
M 10	1.25	108	20	8	6.3	9	8.75	FAA0203793
M 10	1.5	108	24	8	6.3	9	8.5	FAA0203798
M 12	1.5	119	29	9	7.1	10	10.5	FAA0203815
M 12	1.75	119	29	9	7.1	10	10.25	FAA0203821
M 14	1.5	127	30	11.2	9	12	12.5	FAA0203835
M 14	2	127	30	11.2	9	12	12	FAA0203842
M 16	1.5	137	32	12.5	10	13	14.5	FAA0203851
M 16	2	137	32	12.5	10	13	14	FAA0203857
M 18	1.5	142	29	14	11.2	14	16.5	FAA0203865
M 18	2.5	149	37	14	11.2	14	15.5	FAA0203869
M 20	1.5	142	29	14	11.2	14	18.5	FAA0203878
M 20	2.5	149	37	14	11.2	14	17.5	FAA0203888
M 22	2.5	158	38	16	12.5	16	19.5	FAA0203903
M 24	3	172	45	18	14	18	21	FAA0203920

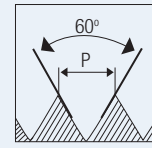
Unit : mm



## HSS Hand Taps

# M

## Metric serial form coarse threads



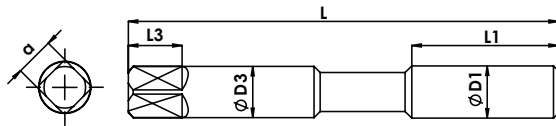
HOLE TYPE



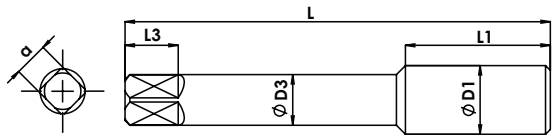
HSS

ISO 529

6H



Reinforced Shank (M3 - M10)



Reduced Shank (M12 - M30)

IS 6175 Part 2

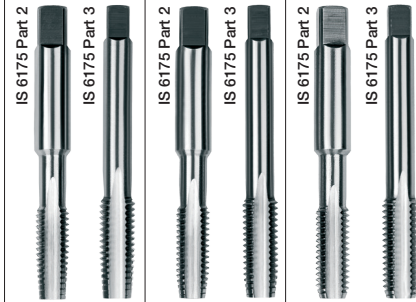
IS 6175 Part 3

IS 6175 Part 2

IS 6175 Part 3

IS 6175 Part 2

IS 6175 Part 3



ISO 529 / IS 6175 Part 2							Lead Chamfer	Rougher	Intermediate	Finisher	Set
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	EDP No.	EDP No.	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	FAA0201821	FAA0201822	FAA0201804	FAA0201820
M 4	0.7	53	13	4	3.15	6	3.3	FAA0201881	FAA0201882	FAA0201866	FAA0201880
M 5	0.8	58	16	5	4	7	4.2	FAA0201932	FAA0201933	FAA0201917	FAA0201931
M 6	1	66	19	6.3	5	8	5	FAA0201977	FAA0201978	FAA0201959	FAA0201976
M 8	1.25	72	22	8	6.3	9	6.75	FAA0202037	FAA0202038	FAA0202020	FAA0202036
M 10	1.5	80	24	10	8	11	8.5	FAA0202108	FAA0202109	FAA0202093	FAA0202107

ISO 529 / IS 6175 Part 3							Lead Chamfer	Rougher	Intermediate	Finisher	Set
Nominal Diameter	Pitch	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	Tapping Drill Diameter	EDP No.	EDP No.	EDP No.	EDP No.
ØD1	p	L	L1	ØD3	a	L3	Ød1				
M 12	1.75	89	29	9	7.1	10	10.25	FAA0202171	FAA0202172	FAA0202157	FAA0202170
M 14	2	95	30	11.2	9	12	12	FAA0202198	FAA0202199	FAA0202189	FAA0202197
M 16	2	102	32	12.5	10	13	14	FAA0202233	FAA0202234	FAA0202219	FAA0202232
M 18	2.5	112	37	14	11.2	14	15.5	FAA0202263	FAA0202264	FAA0202256	FAA0202262
M 20	2.5	112	37	14	11.2	14	17.5	FAA0202293	FAA0202294	FAA0202281	FAA0202292
M 22	2.5	118	38	16	12.5	16	19.5	FAA0202306	FAA0202310	FAA0202314	FAA0202321
M 24	3	130	45	18	14	18	21	FAA0202349	FAA0202350	FAA0202340	FAA0202348
M 27	3	135	45	20	16	20	24	FAA0202376	FAA0202377	FAA0202370	FAA0202375
M 30	3.5	138	48	20	16	20	26.5	FAA0202401	FAA0202402	FAA0202393	FAA0202400

Unit : mm