



# TAPPING.



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# TAPS








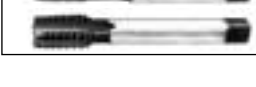







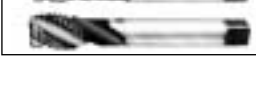

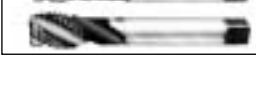

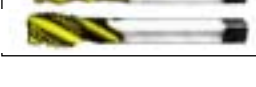

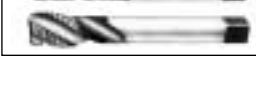

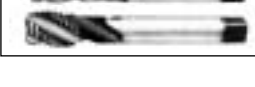
## MACHINE TAPS

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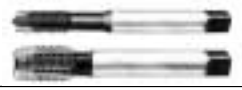









Europa Tool 7<sup>TH</sup> EDITION

# TAPS

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# TAPS

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## SHORT MACHINE TAPS - HSS - E



HSS-E DIN 352 6H 60° B

### Series No. TM01

For hand or machine tapping of through holes in steels with a tensile strength of up to 750N/mm<sup>2</sup>

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2(6H)  
Finish ; Bright  
Straight Fluted, Spiral Point for Through Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM01160200	M2	0.40	36	2.8	2.1	1.60
TM01160250	M2.5	0.45	40		2.1	2.05
TM01160300	M3	0.50		45	3.5	2.7
TM01160400	M4	0.70	52		4.5	3.4
TM01160500	M5	0.80		56	6.0	4.9
TM01160600	M6	1.00	63			4.9
TM01160800	M8	1.25		70	7.0	4.9
TM01161000	M10	1.50	80			5.5
TM01161200	M12	1.75		9.0	7.0	10.20
TM01161600	M16	2.00	12.0		9.0	14.00

## SHORT MACHINE TAPS - HSS - E



HSS-E DIN 352 6H 60° C

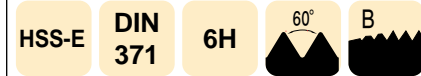
### Series No. TM02

For machine tapping of blind holes in steels for automatic lathes with a tensile strength of up to 750N/mm<sup>2</sup>

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2(6H)  
Finish ; Bright  
Spiral Fluted With 20° RH Helix For Blind Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM02160300	M3	0.50	40	3.5	2.7	2.50
TM02160400	M4	0.70	45	4.5	3.4	3.30
TM02160500	M5	0.80	52	6.0	4.9	4.20
TM02160600	M6	1.00	56		4.9	5.00
TM02160800	M8	1.25	63	7.0	4.9	6.80
TM02161000	M10	1.50	70		5.5	8.50
TM02161200	M12	1.75	80	9.0	7.0	10.20

## MACHINE TAPS - HSS - E



## Series No. TM03

For machine tapping of through holes in steels with a tensile strength of up to 750N/mm<sup>2</sup>

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2(6H)

Finish ; Bright

Straight Fluted, Spiral Point for Through Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM03160200	M2	0.40	45	2.8	2.1	1.60
TM03160250	M2.5	0.45	50		2.1	2.05
TM03160260	M2.6	0.45	50		2.1	2.10
TM03160300	M3	0.50	56	3.5	2.7	2.50
TM03160350	M3.5	0.60		4.0	3.0	2.90
TM03160400	M4	0.70	63	4.5	3.4	3.30
TM03160500	M5	0.80	70	6.0	4.9	4.20
TM03160600	M6	1.00	80		4.9	5.00
TM03160700	M7	1.00	90	7.0	5.5	6.00
TM03160800	M8	1.25		8.0	6.2	6.80
TM03161000	M10	1.50	100	10.0	8.0	8.50

\* DIN PROFILE NOT ISO

## MACHINE TAPS - HSS - E



## Series No. TM04

For machine tapping of through holes in steels with a tensile strength of up to 750N/mm<sup>2</sup>

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2(6H)

Finish ; Bright

Straight Fluted, Spiral Point for Through Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM04160300	M3	0.50	56	2.2	1.8	2.50
TM04160400	M4	0.70	63	2.8	2.1	3.30
TM04160500	M5	0.80	70	3.5	2.7	4.20
TM04160600	M6	1.00	80	4.5	3.4	5.00
TM04160800	M8	1.25	90	6.0	4.9	6.80
TM04161000	M10	1.50	100	7.0	5.5	8.50
TM04161200	M12	1.75	110	9.0	7.0	10.20
TM04161400	M14	2.00		11.0	9.0	12.00
TM04161600	M16	2.00		12.0	9.0	14.00
TM04161800	M18	2.50	125	14.0	11.0	15.50
TM04162000	M20	2.50	140	16.0	12.0	17.50

## MACHINE TAPS - HSS - E



## Series No. TM05 - TM06

For machine tapping of through holes in soft materials eg Stainless Steels, Bronzes.

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2(6H)

Finish ; Bright

Straight Fluted, Spiral Point for Soft Materials-Interrupted Thread

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM05160300	M3	0.50	56	3.5	2.7	2.50
TM05160400	M4	0.70	63	4.5	3.4	3.30
TM05160500	M5	0.80	70	6.0	4.9	4.20
TM05160600	M6	1.00	80		4.9	5.00
TM05160800	M8	1.25	90	8.0	6.2	6.80
TM05161000	M10	1.50	100	10.0	8.0	8.50
TM06161200	M12	1.75	110	9.0	7.0	10.20
TM06161600	M16	2.00		12.0	9.0	14.00

TM05 DIN 371 (M3-M10) TM06 DIN 376 (M12-M16)

## MACHINE TAPS - HSS - E



## Series No. TM07 - TM08

For machine tapping of through and blind holes in malleable cast iron and grey cast iron.

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2X(6HX)

Finish ; Nitrided

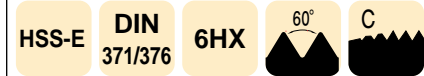
Straight Fluted, for Cast Iron.

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM07310300	M3	0.50	56	3.5	2.7	2.50
TM07310400	M4	0.70	63	4.5	3.4	3.30
TM07310500	M5	0.80	70	6.0	4.9	4.20
TM07310600	M6	1.00	80		4.9	5.00
TM07310800	M8	1.25	90	8.0	6.2	6.80
TM07311000	M10	1.50	100	10.0	8.0	8.50
TM08311200	M12	1.75	110	9.0	7.0	10.20
TM08311600	M16	2.00		12.0	9.0	14.00

TM07 DIN 371 (M3-M10) TM08 DIN 376 (M12-M16)



## MACHINE TAPS - HSS - E



## Series No. TM09 - TM10

For machine tapping of through and blind holes in malleable cast iron and grey cast iron.

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2X(6HX)  
Finish ; TiN-Coated  
Straight Fluted, for Cast Iron

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM09170300	M3	0.50	56	3.5	2.7	2.50
TM09170400	M4	0.70	63	4.5	3.4	3.30
TM09170500	M5	0.80	70	6.0	4.9	4.20
TM09170600	M6	1.00	80		4.9	5.00
TM09170800	M8	1.25	90	8.0	6.2	6.80
TM09171000	M10	1.50	100	10.0	8.0	8.50
TM10171200	M12	1.75	110	9.0	7.0	10.20
TM10171600	M16	2.00		12.0	9.0	14.00

TM09 DIN 371 (M3-M10) TM10 DIN 376 (M12-M16)



## MACHINE TAPS - HSS - E



## Series No. TM13 - TM14

For hand or machine tapping of through holes in steels with a tensile strength of up to 750N/mm<sup>2</sup>

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2(6H)  
Finish ; Bright  
Spiral Fluted With 20° RH Helix For Blind Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM13160200	M2	0.40	45	2.8	2.1	1.60
TM13160250	M2.5	0.45	50		2.1	2.05
TM13160300	M3	0.50	56	3.5	2.7	2.50
TM13160400	M4	0.70	63	4.5	3.4	3.30
TM13160500	M5	0.80	70	6.0	4.9	4.20
TM13160600	M6	1.00	80		4.9	5.00
TM13160800	M8	1.25	90	8.0	6.2	6.80
TM13161000	M10	1.50	100	10.0	8.0	8.50
TM14161200	M12	1.75	110	9.0	7.0	10.20
TM14161400	M14	2.00		11.0	9.0	12.00
TM14161600	M16	2.00	140	12.0	9.0	14.00
TM14162000	M20	2.50		16.0	12.0	17.50

TM13 DIN 371 (M2-M10) TM14 DIN 376 (M12-M20)



## MACHINE TAPS - HSS - E



## Series No. TM11 - TM12

For machine tapping of through holes in steels with a tensile strength of up to 750N/mm<sup>2</sup>

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2(6H)  
Finish ; Bright  
Spiral Fluted With 20° LH Helix For Through Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM11160200	M2	0.40	45	2.8	2.1	1.60
TM11160250	M2.5	0.45	50	2.8	2.1	2.05
TM11160300	M3	0.50	56	3.5	2.7	2.50
TM11160400	M4	0.70	63	4.5	3.4	3.30
TM11160500	M5	0.80	70	6.0	4.9	4.20
TM11160600	M6	1.00	80		4.9	5.00
TM11160800	M8	1.25	90	8.0	6.2	6.80
TM11161000	M10	1.50	100	10.0	8.0	8.50
TM12161200	M12	1.75	110	9.0	7.0	10.20
TM12161600	M16	2.00		12.0	9.0	14.00

TM11 DIN 371 (M2-M10) TM12 DIN 376 (M12-M16)



## MACHINE TAPS - HSS - E



## Series No. TM15 - TM16

For machine tapping of through holes in steels with a tensile strength of up to 1100N/mm<sup>2</sup>

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2(6H)  
Finish ; Steam Tempered  
Spiral Fluted With 40° RH Helix For Blind Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM15300200	M2	0.40	45	2.8	2.1	1.60
TM15300250	M2.5	0.45	50		2.1	2.05
TM15300300	M3	0.50	56	3.5	2.7	2.50
TM15300400	M4	0.70	63	4.5	3.4	3.30
TM15300500	M5	0.80	70	6.0	4.9	4.20
TM15300600	M6	1.00	80		4.9	5.00
TM15300800	M8	1.25	90	8.0	6.2	6.80
TM15301000	M10	1.50	100	10.0	8.0	8.50
TM16301200	M12	1.75	110	9.0	7.0	10.20
TM16301400	M14	2.00		11.0	9.0	12.00
TM16301600	M16	2.00		12.0	9.0	14.00
TM16301800	M18	2.50	125	14.0	11.0	15.50
TM16302000	M20	2.50	140	16.0	12.0	17.50
TM16302400	M24	3.00	160	18.0	14.5	21.00

TM15 DIN 371 (M2-M10) TM16 DIN 376 (M12-M24)



## MACHINE TAPS - HSS - E



## Series No. TM17 - TM18

For machine tapping of blind holes in steels with a tensile strength of up to 500N/mm<sup>2</sup>, long chipping materials and soft materials.

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2(6H)  
Finish ; Steam Tempered  
Spiral Fluted With 40° RH Helix For Blind Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM17300300	M3	0.50	56	3.5	2.7	2.50
TM17300400	M4	0.70	63	4.5	3.4	3.30
TM17300500	M5	0.80	70	6.0	4.9	4.20
TM17300600	M6	1.00	80		4.9	5.00
TM17300800	M8	1.25	90	8.0	6.2	6.80
TM17301000	M10	1.50	100	10.0	8.0	8.50
TM18301200	M12	1.75	110	9.0	7.0	10.20
TM18301400	M14	2.00		11.0	9.0	12.00
TM18301600	M16	2.00		12.0	9.0	14.00
TM18301800	M18	2.50	125	14.0	11.0	15.50
TM18302000	M20	2.50	140	16.0	12.0	17.50

TM17 DIN 371 (M3-M10) TM18 DIN 376 (M12-M20)

## MACHINE TAPS - HSS - E



## Series No. TM19 - TM20

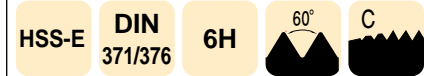
For machine tapping of holes in steels with a tensile strength of up to 900-1000N/mm<sup>2</sup>

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2(6H)  
Finish ; TiN-Coated  
Spiral Fluted With 40° RH Helix For Blind Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM19170300	M3	0.50	56	3.5	2.7	2.50
TM19170400	M4	0.70	63	4.5	3.4	3.30
TM19170500	M5	0.80	70	6.0	4.9	4.20
TM19170600	M6	1.00	80		4.9	5.00
TM19170800	M8	1.25	90	8.0	6.2	6.80
TM19171000	M10	1.50	100	10.0	8.0	8.50
TM20171200	M12	1.75	110	9.0	7.0	10.20
TM20171600	M16	2.00		12.0	9.0	14.00
TM20172000	M20	2.50		140	16.0	12.0

TM19 DIN 371 (M3-M10) TM20 DIN 376 (M12-M20)

## MACHINE TAPS - HSS - E



## Series No. TM21 - TM22

With recessed threads for machine tapping of deep blind holes in steels with a tensile strength of up to 1100N/mm<sup>2</sup> and malleable cast iron.

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2(6H)  
Finish ; Steam Tempered  
Spiral Fluted With 40° RH Helix For Blind Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM21300300	M3	0.50	56	3.5	2.7	2.50
TM21300400	M4	0.70	63	4.5	3.4	3.30
TM21300500	M5	0.80	70	6.0	4.9	4.20
TM21300600	M6	1.00	80		4.9	5.00
TM21300800	M8	1.25	90	8.0	6.2	6.80
TM21301000	M10	1.50	100	10.0	8.0	8.50
TM22301200	M12	1.75	110	9.0	7.0	10.20
TM22301400	M14	2.00		11.0	9.0	12.00
TM22301600	M16	2.00		12.0	9.0	14.00
TM22302000	M20	2.50		16.0	12.0	17.50

TM21 DIN 371 (M3-M10) TM22 DIN 376 (M12-M20)



## MACHINE TAPS - HSS - E



## Series No. TM23 - TM24

For machine tapping of blind holes in difficult to machine and tough materials, stainless steels, tool steels, steels, construction steels, aluminium alloys.

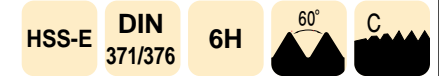
Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2(6H)  
Finish ; Steam Tempered  
Spiral Fluted With 40° RH Helix For Blind Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM23300200	M2	0.40	45	2.8	2.1	1.60
TM23300250	M2.5	0.45	50		2.1	2.05
TM23300300	M3	0.50	56	3.5	2.7	2.50
TM23300400	M4	0.70	63	4.5	3.4	3.30
TM23300500	M5	0.80	70	6.0	4.9	4.20
TM23300600	M6	1.00	80		4.9	5.00
TM23300800	M8	1.25	90	8.0	6.2	6.80
TM23301000	M10	1.50	100	10.0	8.0	8.50
TM24301200	M12	1.75	110	9.0	7.0	10.20
TM24301600	M16	2.00		12.0	9.0	14.00

TM23 DIN 371 (M2-M10) TM24 DIN 376 (M12-M16)



## MACHINE TAPS - HSS - E



## Series No. TM25 - TM26

With recessed threads for machine tapping of deep blind holes in stainless steels, long chipping bronze, copper and soft copper alloys.

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2(6H)  
Finish ; Steam Tempered  
Spiral Fluted With 40° RH Helix For Blind Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM25300400	M4	0.70	63	4.5	3.4	3.30
TM25300500	M5	0.80	70	6.0	4.9	4.20
TM25300600	M6	1.00	80	6.0	4.9	5.00
TM25300800	M8	1.25	90	8.0	6.2	6.80
TM25301000	M10	1.50	100	10.0	8.0	8.50
TM26301200	M12	1.75	110	9.0	7.0	10.20

TM25 DIN 371 (M4-M10) TM26 DIN 376 (M12)



## MACHINE TAPS - HSS - E



## Series No. TM27 - TM28

For machine tapping of holes through in steels with a tensile strength of up to 900N/mm<sup>2</sup>

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2(6H)  
Finish ; Bright  
Straight Fluted, Spiral Point for Through Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM27160200	M2	0.40	45	2.8	2.1	1.60
TM27160250	M2.5	0.45	50		2.1	2.05
TM27160300	M3	0.50	56	3.5	2.7	2.50
TM27160350	M3.5	0.60		4.0	3.0	2.90
TM27160400	M4	0.70	63	4.5	3.4	3.30
TM27160500	M5	0.80	70	6.0	4.9	4.20
TM27160600	M6	1.00	80		4.9	5.00
TM27160800	M8	1.25	90	8.0	6.2	6.80
TM27161000	M10	1.50	100	10.0	8.0	8.50
TM28161200	M12	1.75	110	9.0	7.0	10.20
TM28161600	M16	2.00		12.0	9.0	14.00
TM28162000	M20	2.50	140	16.0	12.0	17.50

TM27 DIN 371 (M2-M10) TM28 DIN 376 (M12-M20)



## MACHINE TAPS - HSS - E



## Series No. TM29 - TM30

For machine tapping of through holes in steels with a tensile strength of up to 900-1000N/mm<sup>2</sup>

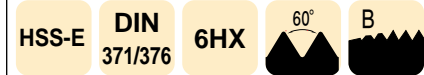
Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2 (6H)  
Finish ; TiN-Coated  
Straight Fluted, Spiral Point for Through Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM29170300	M3	0.50	56	3.5	2.7	2.50
TM29170400	M4	0.70	63	4.5	3.4	3.30
TM29170500	M5	0.80	70	6.0	4.9	4.20
TM29170600	M6	1.00	80		4.9	5.00
TM29170800	M8	1.25	90	8.0	6.2	6.80
TM29171000	M10	1.50	100	10.0	8.0	8.50
TM30171200	M12	1.75	110	9.0	7.0	10.20
TM30171600	M16	2.00		12.0	9.0	14.00
TM30172000	M20	2.50		16.0	12.0	17.50

TM29 DIN 371 (M3-M10) TM30 DIN 376 (M12-M20)



## MACHINE TAPS - HSS - E



## Series No. TM31 - TM32

For machine tapping of through holes in difficult to machine and tough materials, stainless steels.

Metric Thread ISO-DIN 13, Coarse Pitch, Tolerance ISO 2X (6HX)  
Finish ; Steam Tempered  
Spiral Fluted, Spiral Point for Through Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM31300200	M2	0.40	45	2.8	2.1	1.60
TM31300250	M2.5	0.45	50		2.1	2.05
TM31300300	M3	0.50	56	3.5	2.7	2.50
TM31300400	M4	0.70	63	4.5	3.4	3.30
TM31300500	M5	0.80	70	6.0	4.9	4.20
TM31300600	M6	1.00	80		4.9	5.00
TM31300800	M8	1.25	90	8.0	6.2	6.80
TM31301000	M10	1.50	100	10.0	8.0	8.50
TM32301200	M12	1.75	110	9.0	7.0	10.20
TM32301600	M16	2.00		12.0	9.0	14.00
TM32302000	M20	2.50		16.0	12.0	17.50

TM31 DIN 371 (M2-M10) TM32 DIN 376 (M12-M16)



## MACHINE TAPS - HSS - E



## Series No. TM33

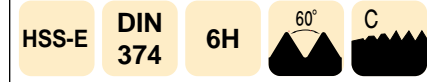
For machine tapping of through holes in steels with a tensile strength of up to 750N/mm<sup>2</sup>

Metric Thread ISO-DIN 13, Fine Pitch, Tolerance ISO 2(6H)  
Finish ; Bright  
Straight Fluted, Spiral Point for Through Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM33160400	M4	0.50	63	2.8	2.1	3.50
TM33160500	M5	0.50	70	3.5	2.7	4.50
TM33160600	M6	0.50	80	4.5	3.4	5.50
TM33160601	M6	0.75			3.4	5.20
TM33160800	M8	0.50		6.0	4.9	7.50
TM33160801	M8	0.75	4.9		7.20	
TM33160802	M8	1.00	90	7.0	4.9	7.00
TM33161000	M10	0.75			5.5	9.20
TM33161001	M10	1.00		7.0	5.5	9.00
TM33161002	M10	1.25	5.5		8.80	
TM33161200	M12	1.00	100	9.0	7.0	11.00
TM33161201	M12	1.25			7.0	10.80
TM33161202	M12	1.50		7.0	10.50	
TM33161400	M14	1.00	110	11.0	9.0	13.00
TM33161401	M14	1.25			9.0	12.80
TM33161402	M14	1.50		9.0	12.50	
TM33161600	M16	1.00	12.0	9.0	15.00	
TM33161601	M16	1.50		9.0	14.50	
TM33161800	M18	1.00	14.0	11.0	17.00	
TM33161801	M18	1.50		11.0	16.50	
TM33162000	M20	1.00	125	16.0	12.0	19.00
TM33162001	M20	1.50			12.0	18.50
TM33162201	M22	1.50		18.0	14.5	20.50
TM33162400	M24	1.50	14.5		22.50	
TM33162600	M26	1.50	140	14.5	24.50	
TM33162800	M28	1.50		20.0	26.50	
TM33163000	M30	1.50	150	22.0	18.0	28.50



## MACHINE TAPS - HSS - E



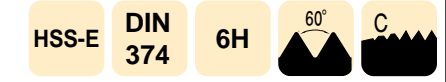
## Series No. TM34

For machine tapping of blind holes in steels  
with a tensile strength of up to 900N/mm<sup>2</sup>

Metric Thread ISO-DIN 13, Fine Pitch, Tolerance ISO 2(6H)  
Finish ; Bright  
Spiral Fluted With 40° RH Helix For Blind Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM34160400	M4	0.50	63	2.8	2.1	3.50
TM34160500	M5	0.50	70	3.5	2.7	4.50
TM34160600	M6	0.75	80	4.5	3.4	5.20
TM34160801	M8	0.75		6.0	4.9	7.20
TM34160802	M8	1.00	90		4.9	7.00
TM34161001	M10	1.00		9.0	7.0	5.5
TM34161200	M12	1.00	100		7.0	7.0
TM34161202	M12	1.50		11.0	9.0	7.0
TM34161402	M14	1.50	12.0		9.0	9.0
TM34161601	M16	1.50		14.0	9.0	9.0
TM34161801	M18	1.50	110		11.0	11.0
TM34162001	M20	1.50		125	16.0	12.0
TM34162201	M22	1.50	18.0		14.5	14.5
TM34162400	M24	1.50		140	18.0	14.5

## MACHINE TAPS - HSS - E



## Series No. TM35

For machine tapping of blind holes in stainless steels,  
tool steels, steels, construction steels, aluminium alloys.

Metric Thread ISO-DIN 13, Fine Pitch, Tolerance ISO 2(6H)  
Finish ; Bright  
Spiral Fluted With 40° RH Helix For Blind Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM35160400	M4	0.50	63	2.8	2.1	3.50
TM35160500	M5	0.50	70	3.5	2.7	4.50
TM35160600	M6	0.50	80	4.5	3.4	5.50
TM35160601	M6	0.75		6.0	3.4	5.20
TM35160800	M8	0.75	90		4.9	7.20
TM35160801	M8	1.00		7.0	4.9	7.00
TM35161001	M10	1.00	100		5.5	9.00
TM35161200	M12	1.00		9.0	7.0	7.0
TM35161202	M12	1.50	11.0		7.0	7.0
TM35161401	M14	1.50		12.0	9.0	9.0
TM35161600	M16	1.50	14.0		9.0	9.0
TM35161800	M18	1.50		110	14.0	11.0
TM35162000	M20	1.50	125	16.0	12.0	18.50
TM35162200	M22	1.50		18.0	14.5	14.5
TM35162400	M24	1.50	140		18.0	14.5

## MACHINE TAPS - HSS - E



## Series No. TM36

For machine tapping of through holes in difficult to machine and tough materials, stainless steels.

Metric Thread ISO-DIN 13, Fine Pitch, Tolerance ISO 2X(6HX)  
Finish ; Steam Tempered  
Straight Fluted, Spiral Point for Through Holes

EDP. No	Nominal Dia MM	Pitch in MM	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TM36300400	M4	0.50	63	2.8	2.1	3.50
TM36300500	M5	0.50	70	3.5	2.7	4.50
TM36300601	M6	0.75	80	4.5	3.4	5.20
TM36300800	M8	0.75		6.0	4.9	7.20
TM36300801	M8	1.00	90		7.0	4.9
TM36301001	M10	1.00		9.0		7.0
TM36301200	M12	1.00	100		11.0	
TM36301202	M12	1.50		12.0		9.0
TM36301401	M14	1.50	110		14.0	
TM36301600	M16	1.50		125		18.0
TM36301800	M18	1.50	140		14.5	
TM36302000	M20	1.50		18.0		14.5
TM36302200	M22	1.50	14.5		14.5	
TM36302400	M24	1.50		140		14.5

## MACHINE TAPS - HSS - E



## Series No. TB01

For machine tapping of through holes in steels with tensile strength of up to 750N/mm<sup>2</sup>

Whitworth Pipe Thread DIN - ISO 228, BSP 55°  
Finish ; Bright  
Straight Fluted, Spiral Point for Soft Materials

EDP. No	Nominal Dia inch	TPI inch	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TB01160080	G 1/8	28	90	7.0	5.5	8.80
TB01160160	G 1/4	19	100	11.0	9.0	11.80
TB01160240	G 3/8	19		12.0	9.0	15.25
TB01160320	G 1/2	14	125	16.0	12.0	19.00
TB01160480	G 3/4	14	140	20.0	16.0	24.50
TB01160640	G 1	11	160	25.0	20.0	30.75

## MACHINE TAPS - HSS - E



## Series No. TB02

For machine tapping of blind holes in steels with tensile strength of up to 900N/mm<sup>2</sup>

Whitworth Pipe Thread DIN - ISO 228, BSP 55°  
Finish ; Bright  
Spiral Fluted With 40° RH Helix For Blind Holes

EDP. No	Nominal Dia inch	TPI inch	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
TB02160080	G 1/8	28	90	7.0	5.5	8.80
TB02160160	G 1/4	19	100	11.0	9.0	11.80
TB02160240	G 3/8	19		12.0	9.0	15.25
TB02160320	G 1/2	14	125	16.0	12.0	19.00
TB02160480	G 3/4	14	140	20.0	16.0	24.50
TB02160640	G 1	11	160	25.0	20.0	30.75

## MACHINE TAPS - HSS - E

**Series No. TB03**

For machine tapping of blind holes in stainless steels, tool steels, steels, construction steels, aluminium alloys.

Whitworth Pipe Thread DIN - ISO 228, BSP 55°  
Finish ; Steam Tempered  
Spiral Fluted With 40° RH Helix For Blind Holes

EDP. No	Nominal Dia inch	TPI inch	Overall Length MM	Shank Dia MM	Size Of Drill Dia MM	Tapping Drill Dia MM
<b>TB03300080</b>	G 1/8	28	90	7.0	5.5	8.80
<b>TB03300160</b>	G 1/4	19	100	11.0	9.0	11.80
<b>TB03300240</b>	G 3/8	19		12.0	9.0	15.25
<b>TB03300320</b>	G 1/2	14	125	16.0	12.0	19.00
<b>TB03300480</b>	G 3/4	14	140	20.0	16.0	24.50
<b>TB03300640</b>	G 1	11	160	25.0	20.0	30.75

