



TANOI

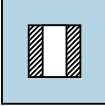
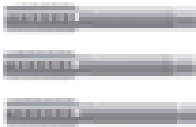
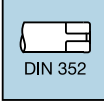
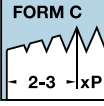
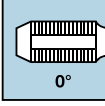
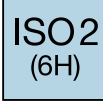
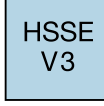
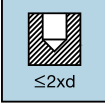
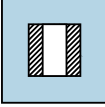

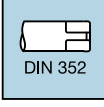
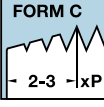
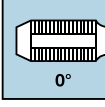
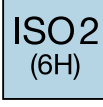
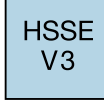
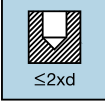
HAND TAPS

HAND TAPS

		PAGES
Metric Taps	- For General Use	1
Metric Taps	- For Stainless Steels < 1200 N/mm ²	1
MF Taps	- For General Use	2
G Taps	- For General Use	2
UNC Taps	- For General Use	3
UNF Taps	- For General Use	3

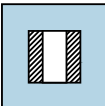


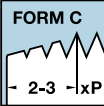
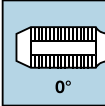
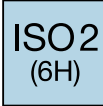
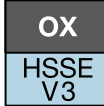
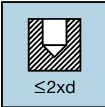
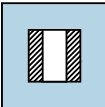


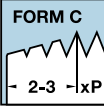
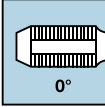
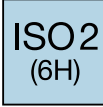
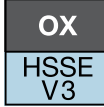
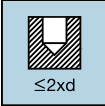
For General Use

M

Hole	Picture / No.	Standard	Form	Flutes	Tol.	Coating	Page
	 3.119.710	 DIN 352	 FORM C - 2-3 -xP	 0°	 ISO 2 (6H)	 HSSE V3	275
 ≤2xd		Available as single taps No 1, No 2, No 3 and Sets					
	 3.119.710-LH	 DIN 352	 FORM C - 2-3 -xP	 0°	 ISO 2 (6H)	 HSSE V3	282
 ≤2xd		Available as single taps No 1, No 2, No 3 and Sets					

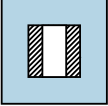

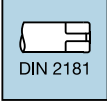
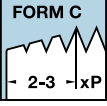
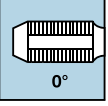
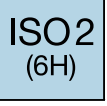
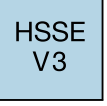
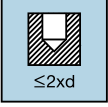
For Stainless Steels < 1200 N/mm²

M

Hole	Picture / No.	Standard	Form	Flutes	Tol.	Coating	Page
	 6.119.721	 DIN 352	 FORM C - 2-3 -xP	 0°	 ISO 2 (6H)	 OX HSSE V3	284
 ≤2xd		Available as single taps No 1, No 2, No 3 and Sets					
	 6.119.721-Pilot	 DIN 352	 FORM C - 2-3 -xP	 0°	 ISO 2 (6H)	 OX HSSE V3	286
 ≤2xd		Available as single taps No 1, No 2, No 3 and Sets					

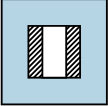


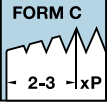
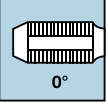
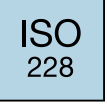
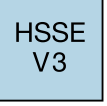
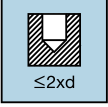
For General Use

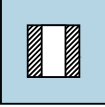

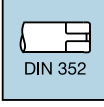
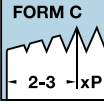
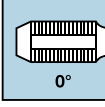
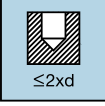
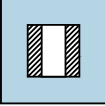

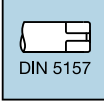
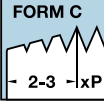
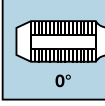
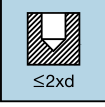
MF

Hole	Picture / No.	Standard	Form	Flutes	Tol.	Coating	Page
	 3.219.810						288
		Available as single taps No 1, No 2 and Sets					

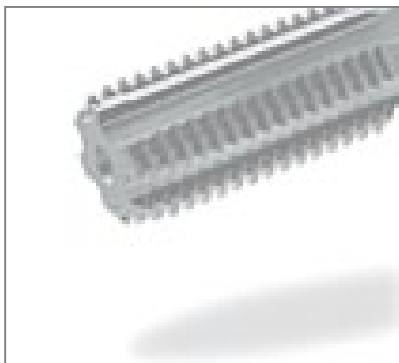
For General Use

G

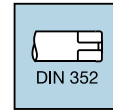
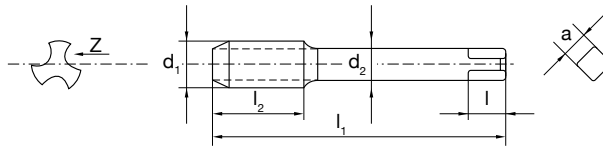
Hole	Picture / No.	Standard	Form	Flutes	Tol.	Coating	Page
	 3.699.510						302
		Available as single taps No 1, No 2 and Sets					

For General Use							UNC
Hole	Picture / No.	Standard	Form	Flutes	Tol.	Coating	Page
					ISO 2 (6H)	HSSE V3	295
	3.399.710	Available as single taps No 1, No 2, No 3 and Sets					
For General Use							UNF
Hole	Picture / No.	Standard	Form	Flutes	Tol.	Coating	Page
					ISO 228	HSSE V3	299
	3.499.810	Available as single taps No 1, No 2 and Sets					

HAND TAPS



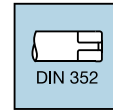
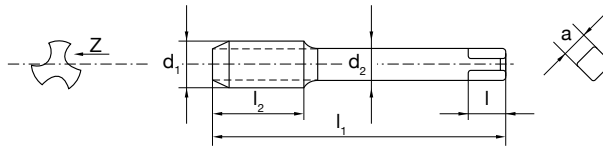
3.119.710



d ₁	P	Type	l ₁	l ₂	d ₂	l	a	z	Code	€
M1.7	0.35	No.1	32	8	2.5	5	2.1	3	910.030-I	17.40
M1.7	0.35	No.2	32	8	2.5	5	2.1	3	910.030-II	17.40
M1.7	0.35	No.3	32	8	2.5	5	2.1	3	910.030-III	17.40
M1.7	0.35	Set	32	8	2.5	5	2.1	3	910.030-S	52.20
M1.8	0.35	No.1	32	8	2.5	5	2.1	3	910.035-I	16.40
M1.8	0.35	No.2	32	8	2.5	5	2.1	3	910.035-II	16.40
M1.8	0.35	No.3	32	8	2.5	5	2.1	3	910.035-III	16.40
M1.8	0.35	Set	32	8	2.5	5	2.1	3	910.035-S	49.20
M2	0.40	No.1	36	8	2.8	5	2.1	3	910.040-I	14.10
M2	0.40	No.2	36	8	2.8	5	2.1	3	910.040-II	14.10
M2	0.40	No.3	36	8	2.8	5	2.1	3	910.040-III	14.10
M2	0.40	Set	36	8	2.8	5	2.1	3	910.040-S	42.30
M2.2	0.45	No.1	36	9	2.8	5	2.1	3	910.045-I	16.00
M2.2	0.45	No.2	36	9	2.8	5	2.1	3	910.045-II	16.00
M2.2	0.45	No.3	36	9	2.8	5	2.1	3	910.045-III	16.00
M2.2	0.45	Set	36	9	2.8	5	2.1	3	910.045-S	48.00
M2.3	0.40	No.1	36	9	2.8	5	2.1	3	910.050-I	16.40
M2.3	0.40	No.2	36	9	2.8	5	2.1	3	910.050-II	16.40
M2.3	0.40	No.3	36	9	2.8	5	2.1	3	910.050-III	16.40
M2.3	0.40	Set	36	9	2.8	5	2.1	3	910.050-S	49.20
M2.5	0.45	No.1	40	9	2.8	5	2.1	3	910.055-I	12.20
M2.5	0.45	No.2	40	9	2.8	5	2.1	3	910.055-II	12.20
M2.5	0.45	No.3	40	9	2.8	5	2.1	3	910.055-III	12.20
M2.5	0.45	Set	40	9	2.8	5	2.1	3	910.055-S	36.60
M2.6	0.45	No.1	40	9	2.8	5	2.1	3	910.060-I	13.20
M2.6	0.45	No.2	40	9	2.8	5	2.1	3	910.060-II	13.20
M2.6	0.45	No.3	40	9	2.8	5	2.1	3	910.060-III	13.20
M2.6	0.45	Set	40	9	2.8	5	2.1	3	910.060-S	39.60
M3	0.50	No.1	40	11	3.5	6	2.7	3	910.065-I	9.60
M3	0.50	No.2	40	11	3.5	6	2.7	3	910.065-II	9.60
M3	0.50	No.3	40	11	3.5	6	2.7	3	910.065-III	9.60
M3	0.50	Set	40	11	3.5	6	2.7	3	910.065-S	28.80
M3.5	0.60	No.1	45	12	4.0	6	3	3	910.070-I	11.10
M3.5	0.60	No.2	45	12	4.0	6	3	3	910.070-II	11.10
M3.5	0.60	No.3	45	12	4.0	6	3	3	910.070-III	11.10
M3.5	0.60	Set	45	12	4.0	6	3	3	910.070-S	33.30

HAND TAPS

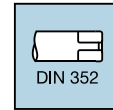
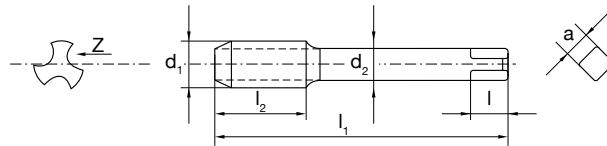
3.119.710



d ₁	P	Type	l ₁	l ₂	d ₂	l	a	z	Code	€
M11	1.50	No.1	70	24	8.0	9	6.2	4	910.115-I	24.20
M11	1.50	No.2	70	24	8.0	9	6.2	4	910.115-II	24.20
M11	1.50	No.3	70	24	8.0	9	6.2	4	910.115-III	24.20
M11	1.50	Set	70	24	8.0	9	6.2	4	910.115-S	72.60
M12	1.75	No.1	75	28	9.0	10	7	4	910.120-I	18.90
M12	1.75	No.2	75	28	9.0	10	7	4	910.120-II	18.90
M12	1.75	No.3	75	28	9.0	10	7	4	910.120-III	18.90
M12	1.75	Set	75	28	9.0	10	7	4	910.120-S	56.70
M14	2.00	No.1	80	30	11.0	12	9	4	910.125-I	24.60
M14	2.00	No.2	80	30	11.0	12	9	4	910.125-II	24.60
M14	2.00	No.3	80	30	11.0	12	9	4	910.125-III	24.60
M14	2.00	Set	80	30	11.0	12	9	4	910.125-S	73.80
M16	2.00	No.1	80	32	12.0	12	9	4	910.130-I	29.60
M16	2.00	No.2	80	32	12.0	12	9	4	910.130-II	29.60
M16	2.00	No.3	80	32	12.0	12	9	4	910.130-III	29.60
M16	2.00	Set	80	32	12.0	12	9	4	910.130-S	88.80
M18	2.50	No.1	95	34	14.0	14	11	4	910.135-I	43.10
M18	2.50	No.2	95	34	14.0	14	11	4	910.135-II	43.10
M18	2.50	No.3	95	34	14.0	14	11	4	910.135-III	43.10
M18	2.50	Set	95	34	14.0	14	11	4	910.135-S	129.30
M20	2.50	No.1	95	34	16.0	15	12	4	910.140-I	44.50
M20	2.50	No.2	95	34	16.0	15	12	4	910.140-II	44.50
M20	2.50	No.3	95	34	16.0	15	12	4	910.140-III	44.50
M20	2.50	Set	95	34	16.0	15	12	4	910.140-S	133.50
M22	2.50	No.1	100	34	18.0	17	14.5	4	910.145-I	53.00
M22	2.50	No.2	100	34	18.0	17	14.5	4	910.145-II	53.00
M22	2.50	No.3	100	34	18.0	17	14.5	4	910.145-III	53.00
M22	2.50	Set	100	34	18.0	17	14.5	4	910.145-S	159.00
M24	3.00	No.1	110	38	18.0	17	14.5	4	910.150-I	59.90
M24	3.00	No.2	110	38	18.0	17	14.5	4	910.150-II	59.90
M24	3.00	No.3	110	38	18.0	17	14.5	4	910.150-III	59.90
M24	3.00	Set	110	38	18.0	17	14.5	4	910.150-S	179.70
M27	3.00	No.1	110	38	20.0	19	16	4	910.155-I	80.90
M27	3.00	No.2	110	38	20.0	19	16	4	910.155-II	80.90
M27	3.00	No.3	110	38	20.0	19	16	4	910.155-III	80.90
M27	3.00	Set	110	38	20.0	19	16	4	910.155-S	242.70

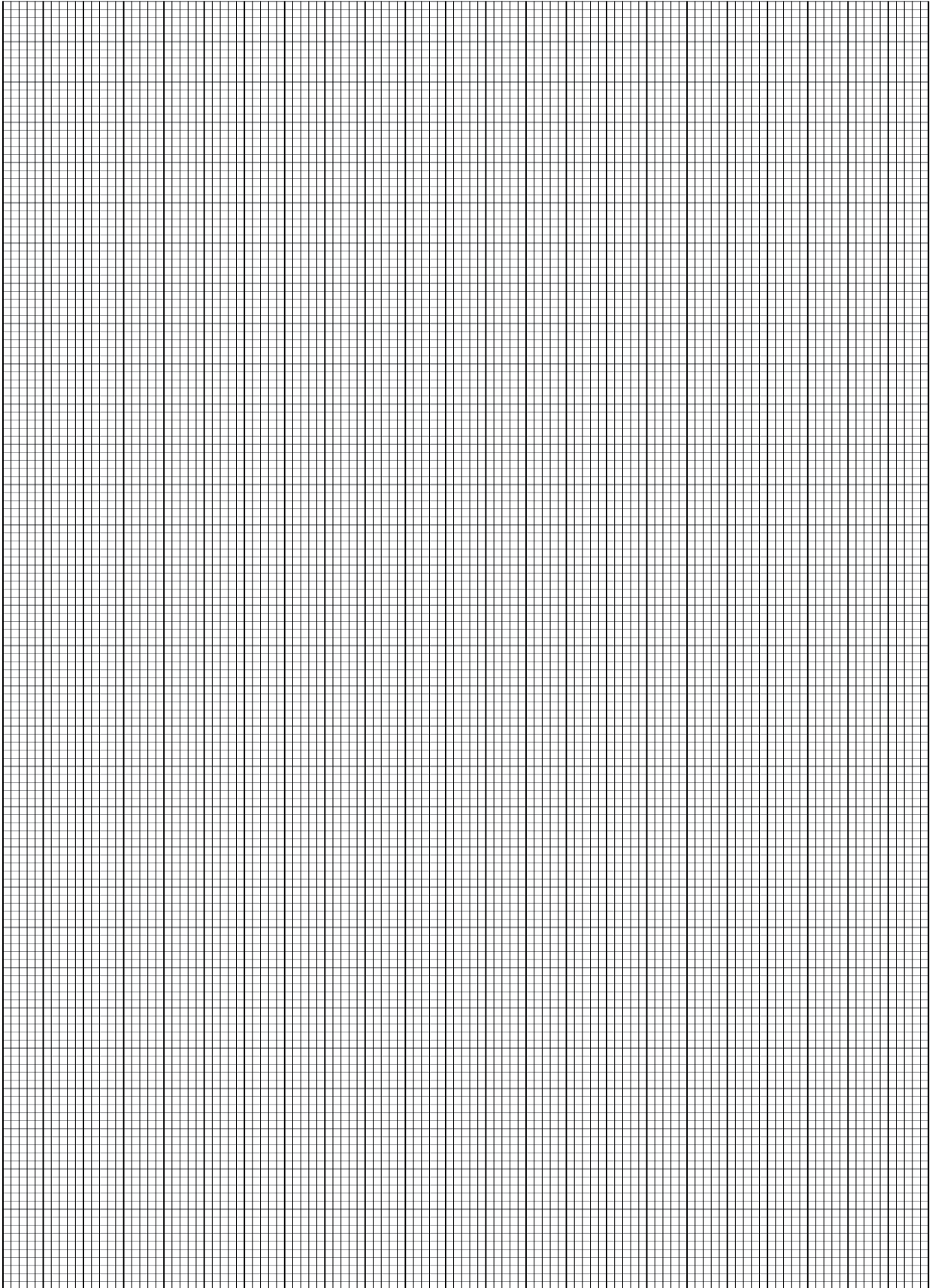
HAND TAPS

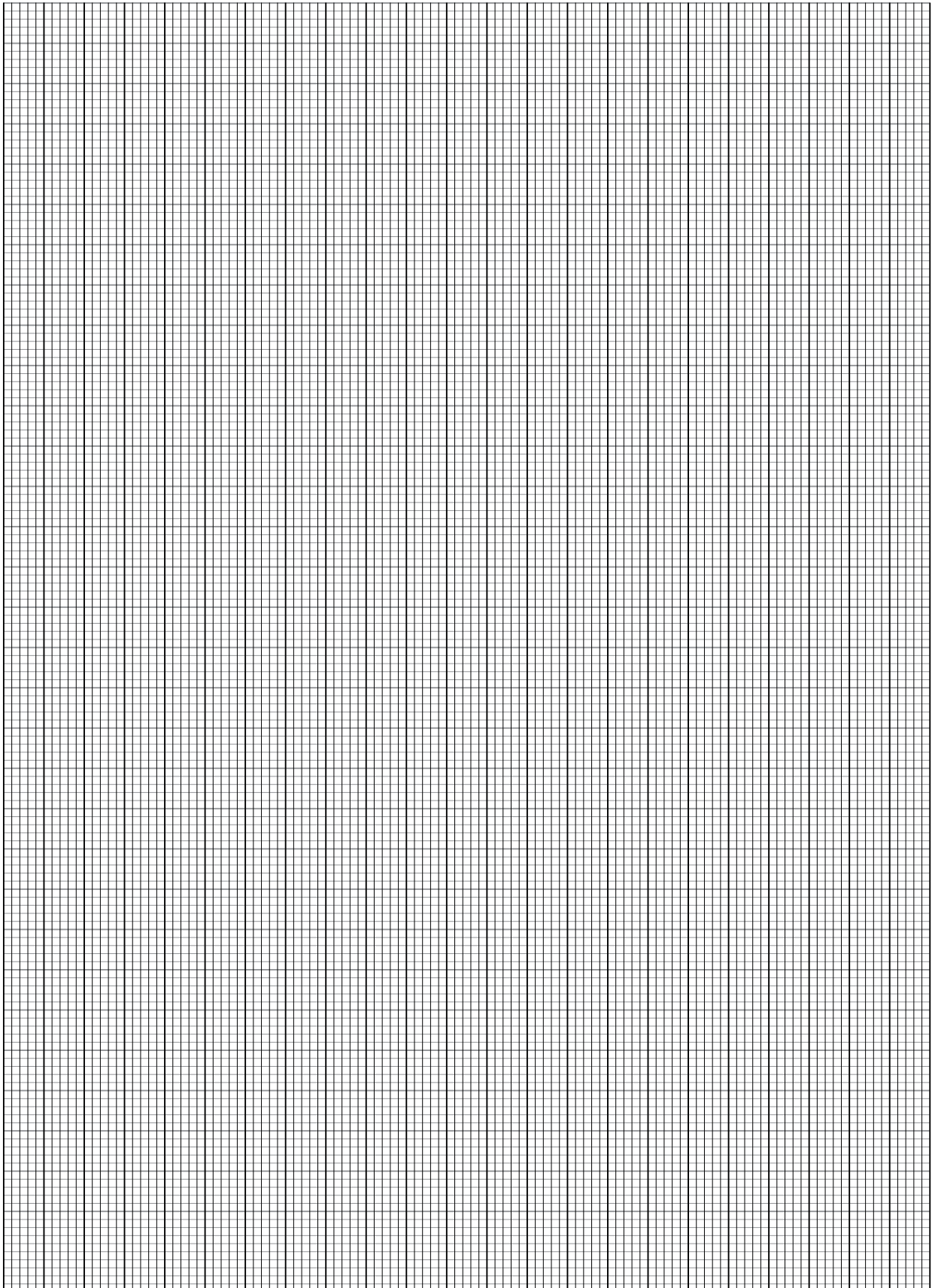
3.119.710


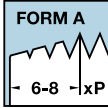

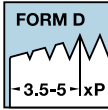
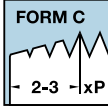



d ₁	P	Type	l ₁	l ₂	d ₂	l	a	z	Code	€
M30	3.50	No.1	125	45	22.0	21	18	4	910.160-I	100.00
M30	3.50	No.2	125	45	22.0	21	18	4	910.160-II	100.00
M30	3.50	No.3	125	45	22.0	21	18	4	910.160-III	100.00
M30	3.50	Set	125	45	22.0	21	18	4	910.160-S	300.00
M33	3.50	No.1	125	50	25.0	23	20	4	910.165-I	124.00
M33	3.50	No.2	125	50	25.0	23	20	4	910.165-II	124.00
M33	3.50	No.3	125	50	25.0	23	20	4	910.165-III	124.00
M33	3.50	Set	125	50	25.0	23	20	4	910.165-S	372.00
M36	4.00	No.1	150	56	28.0	25	22	4	910.170-I	146.00
M36	4.00	No.2	150	56	28.0	25	22	4	910.170-II	146.00
M36	4.00	No.3	150	56	28.0	25	22	4	910.170-III	146.00
M36	4.00	Set	150	56	28.0	25	22	4	910.170-S	438.00
M39	4.00	No.1	150	60	32.0	27	24	4	910.175-I	190.00
M39	4.00	No.2	150	60	32.0	27	24	4	910.175-II	190.00
M39	4.00	No.3	150	60	32.0	27	24	4	910.175-III	190.00
M39	4.00	Set	150	60	32.0	27	24	4	910.175-S	570.00
M42	4.50	No.1	150	60	32.0	27	24	6	910.180-I	210.00
M42	4.50	No.2	150	60	32.0	27	24	6	910.180-II	210.00
M42	4.50	No.3	150	60	32.0	27	24	6	910.180-III	210.00
M42	4.50	Set	150	60	32.0	27	24	6	910.180-S	630.00
M45	4.50	No.1	160	65	36.0	32	29	6	910.185-I	246.00
M45	4.50	No.2	160	65	36.0	32	29	6	910.185-II	246.00
M45	4.50	No.3	160	65	36.0	32	29	6	910.185-III	246.00
M45	4.50	Set	160	65	36.0	32	29	6	910.185-S	738.00
M48	5.00	No.1	180	70	36.0	32	29	6	910.190-I	276.00
M48	5.00	No.2	180	70	36.0	32	29	6	910.190-II	276.00
M48	5.00	No.3	180	70	36.0	32	29	6	910.190-III	276.00
M48	5.00	Set	180	70	36.0	32	29	6	910.190-S	828.00
M52	5.00	No.1	180	70	40.0	35	32	6	910.195-I	337.00
M52	5.00	No.2	180	70	40.0	35	32	6	910.195-II	337.00
M52	5.00	No.3	180	70	40.0	35	32	6	910.195-III	337.00
M52	5.00	Set	180	70	40.0	35	32	6	910.195-S	1011.00

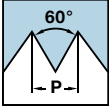
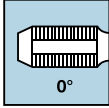
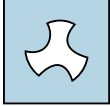
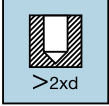
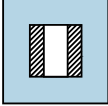


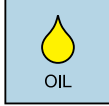
HAND TAPS



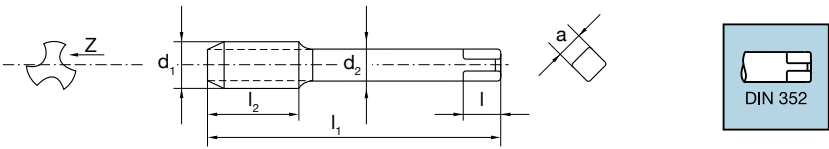


No. 1			STEEL ≤ 500 N/mm ²	STEEL 500-800 N/mm ²	
	No. 2			ALU Si <10%	CU
				ISO2 (6H)	
No. 3					

HAND TAP

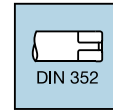
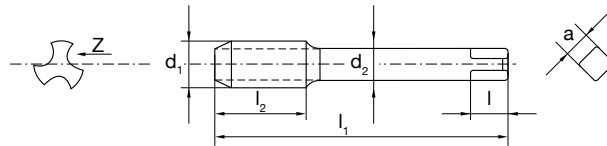
M		LH		HSSE V3	
					

3.119.710-LH



d ₁	P	Type	l ₁	l ₂	d ₂	l	a	z	Code	€
M3	0.50	No.1	40	11	3.5	6	2.7	3	915.065-I	19.20
M3	0.50	No.2	40	11	3.5	6	2.7	3	915.065-II	19.20
M3	0.50	No.3	40	11	3.5	6	2.7	3	915.065-III	19.20
M3	0.50	Set	40	11	3.5	6	2.7	3	915.065-S	57.60
M4	0.70	No.1	45	13	4.5	6	3.4	3	915.075-I	19.60
M4	0.70	No.2	45	13	4.5	6	3.4	3	915.075-II	19.60
M4	0.70	No.3	45	13	4.5	6	3.4	3	915.075-III	19.60
M4	0.70	Set	45	13	4.5	6	3.4	3	915.075-S	58.80
M5	0.80	No.1	50	16	6.0	8	4.9	3	915.085-I	19.60
M5	0.80	No.2	50	16	6.0	8	4.9	3	915.085-II	19.60
M5	0.80	No.3	50	16	6.0	8	4.9	3	915.085-III	19.60
M5	0.80	Set	50	16	6.0	8	4.9	3	915.085-S	58.80
M6	1.00	No.1	56	19	6.0	8	4.9	3	915.090-I	20.40
M6	1.00	No.2	56	19	6.0	8	4.9	3	915.090-II	20.40
M6	1.00	No.3	56	19	6.0	8	4.9	3	915.090-III	20.40
M6	1.00	Set	56	19	6.0	8	4.9	3	915.090-S	61.20

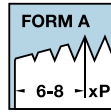
3.119.710-LH



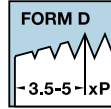
d₁	P	Type	l₁	l₂	d₂	l	a	z	Code	€
M8	1.25	No.1	63	22	6.0	8	4.9	4	915.100-I	23.90
M8	1.25	No.2	63	22	6.0	8	4.9	4	915.100-II	23.90
M8	1.25	No.3	63	22	6.0	8	4.9	4	915.100-III	23.90
M8	1.25	Set	63	22	6.0	8	4.9	4	915.100-S	71.70
M10	1.50	No.1	70	24	7.0	8	5.5	4	915.110-I	29.80
M10	1.50	No.2	70	24	7.0	8	5.5	4	915.110-II	29.80
M10	1.50	No.3	70	24	7.0	8	5.5	4	915.110-III	29.80
M10	1.50	Set	70	24	7.0	8	5.5	4	915.110-S	89.40
M12	1.75	No.1	75	28	9.0	10	7	4	915.120-I	35.70
M12	1.75	No.2	75	28	9.0	10	7	4	915.120-II	35.70
M12	1.75	No.3	75	28	9.0	10	7	4	915.120-III	35.70
M12	1.75	Set	75	28	9.0	10	7	4	915.120-S	107.10
M14	2.00	No.1	80	30	11.0	12	9	4	915.125-I	53.00
M14	2.00	No.2	80	30	11.0	12	9	4	915.125-II	53.00
M14	2.00	No.3	80	30	11.0	12	9	4	915.125-III	53.00
M14	2.00	Set	80	30	11.0	12	9	4	915.125-S	159.00
M16	2.00	No.1	80	32	12.0	12	9	4	915.130-I	58.80
M16	2.00	No.2	80	32	12.0	12	9	4	915.130-II	58.80
M16	2.00	No.3	80	32	12.0	12	9	4	915.130-III	58.80
M16	2.00	Set	80	32	12.0	12	9	4	915.130-S	176.40
M18	2.50	No.1	95	34	14.0	14	11	4	915.135-I	83.00
M18	2.50	No.2	95	34	14.0	14	11	4	915.135-II	83.00
M18	2.50	No.3	95	34	14.0	14	11	4	915.135-III	83.00
M18	2.50	Set	95	34	14.0	14	11	4	915.135-S	249.00
M20	2.50	No.1	95	34	16.0	15	12	4	915.140-I	69.30
M20	2.50	No.2	95	34	16.0	15	12	4	915.140-II	69.30
M20	2.50	No.3	95	34	16.0	15	12	4	915.140-III	69.30
M20	2.50	Set	95	34	16.0	15	12	4	915.140-S	207.90
M22	2.50	No.1	100	34	18.0	17	14.5	4	915.145-I	85.10
M22	2.50	No.2	100	34	18.0	17	14.5	4	915.145-II	85.10
M22	2.50	No.3	100	34	18.0	17	14.5	4	915.145-III	85.10
M22	2.50	Set	100	34	18.0	17	14.5	4	915.145-S	255.30
M24	3.00	No.1	110	38	18.0	17	14.5	4	915.150-I	90.30
M24	3.00	No.2	110	38	18.0	17	14.5	4	915.150-II	90.30
M24	3.00	No.3	110	38	18.0	17	14.5	4	915.150-III	90.30
M24	3.00	Set	110	38	18.0	17	14.5	4	915.150-S	270.90

HAND TAPS

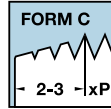
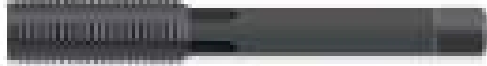
No. 1



No. 2



No. 3



ISO2
(6H)

STEEL
INOX

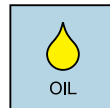
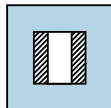
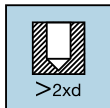
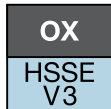
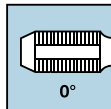
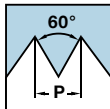
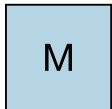
STEEL
500-800
N/mm²

ALU
Si <10%

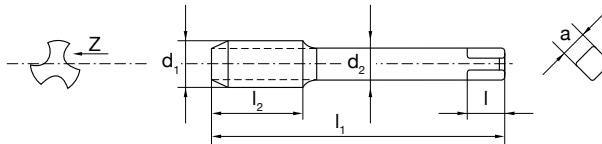
BRASS

Ni

HAND TAP

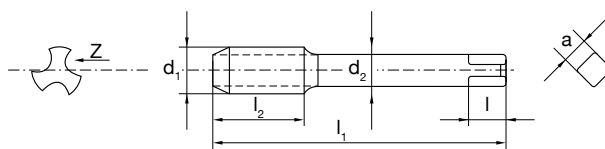


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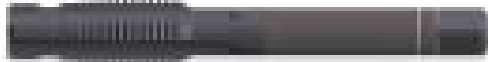
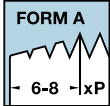
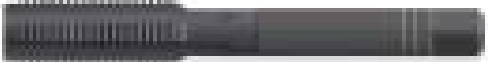
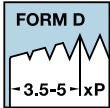
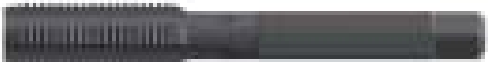
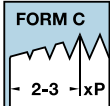


d ₁	P	Type	l ₁	l ₂	d ₂	l	a	z	Code	€
M2	0.40	No.1	36	8	2.8	5	2.1	3	920.040-I	17.40
M2	0.40	No.2	36	8	2.8	5	2.1	3	920.040-II	17.40
M2	0.40	No.3	36	8	2.8	5	2.1	3	920.040-III	17.40
M2	0.40	Set	36	8	2.8	5	2.1	3	920.040-S	52.20
M2.5	0.45	No.1	40	9	2.8	5	2.1	3	920.055-I	15.60
M2.5	0.45	No.2	40	9	2.8	5	2.1	3	920.055-II	15.60
M2.5	0.45	No.3	40	9	2.8	5	2.1	3	920.055-III	15.60
M2.5	0.45	Set	40	9	2.8	5	2.1	3	920.055-S	46.80
M3	0.50	No.1	40	11	3.5	6	2.7	3	920.065-I	11.90
M3	0.50	No.2	40	11	3.5	6	2.7	3	920.065-II	11.90
M3	0.50	No.3	40	11	3.5	6	2.7	3	920.065-III	11.90
M3	0.50	Set	40	11	3.5	6	2.7	3	920.065-S	35.70
M3.5	0.60	No.1	45	12	4.0	6	3	3	920.070-I	13.80
M3.5	0.60	No.2	45	12	4.0	6	3	3	920.070-II	13.80
M3.5	0.60	No.3	45	12	4.0	6	3	3	920.070-III	13.80
M3.5	0.60	Set	45	12	4.0	6	3	4	920.070-S	41.40

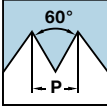
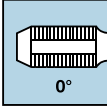

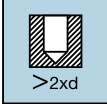
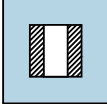


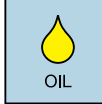
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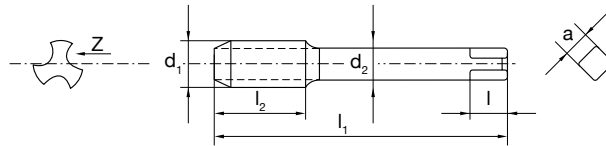
d₁	P	Type	l₁	l₂	d₂	l	a	z	Code	€
M4	0.70	No.1	45	13	4.5	6	3.4	3	920.075-I	11.90
M4	0.70	No.2	45	13	4.5	6	3.4	3	920.075-II	11.90
M4	0.70	No.3	45	13	4.5	6	3.4	3	920.075-III	11.90
M4	0.70	Set	45	13	4.5	6	3.4	3	920.075-S	35.70
M5	0.80	No.1	50	16	6.0	8	4.9	3	920.085-I	13.00
M5	0.80	No.2	50	16	6.0	8	4.9	3	920.085-II	13.00
M5	0.80	No.3	50	16	6.0	8	4.9	3	920.085-III	13.00
M5	0.80	Set	50	16	6.0	8	4.9	3	920.085-S	39.00
M6	1.00	No.1	56	19	6.0	8	4.9	3	920.090-I	13.40
M6	1.00	No.2	56	19	6.0	8	4.9	3	920.090-II	13.40
M6	1.00	No.3	56	19	6.0	8	4.9	3	920.090-III	13.40
M6	1.00	Set	56	19	6.0	8	4.9	3	920.090-S	40.20
M8	1.25	No.1	63	22	6.0	8	4.9	4	920.100-I	14.30
M8	1.25	No.2	63	22	6.0	8	4.9	4	920.100-II	14.30
M8	1.25	No.3	63	22	6.0	8	4.9	4	920.100-III	14.30
M8	1.25	Set	63	22	6.0	8	4.9	4	920.100-S	42.90
M10	1.50	No.1	70	24	7.0	8	5.5	4	920.110-I	18.90
M10	1.50	No.2	70	24	7.0	8	5.5	4	920.110-II	18.90
M10	1.50	No.3	70	24	7.0	8	5.5	4	920.110-III	18.90
M10	1.50	Set	70	24	7.0	8	5.5	4	920.110-S	56.70
M12	1.75	No.1	75	28	9.0	10	7	4	920.120-I	24.00
M12	1.75	No.2	75	28	9.0	10	7	4	920.120-II	24.00
M12	1.75	No.3	75	28	9.0	10	7	4	920.120-III	24.00
M12	1.75	Set	75	28	9.0	10	7	4	920.120-S	72.00
M14	2.00	No.1	80	30	11.0	12	9	4	920.125-I	31.70
M14	2.00	No.2	80	30	11.0	12	9	4	920.125-II	31.70
M14	2.00	No.3	80	30	11.0	12	9	4	920.125-III	31.70
M14	2.00	Set	80	30	11.0	12	9	4	920.125-S	95.10
M16	2.00	No.1	80	32	12.0	12	9	4	920.130-I	39.00
M16	2.00	No.2	80	32	12.0	12	9	4	920.130-II	39.00
M16	2.00	No.3	80	32	12.0	12	9	4	920.130-III	39.00
M16	2.00	Set	80	32	12.0	12	9	4	920.130-S	117.00

No. 1			PILOT 90°	STEEL INOX	STEEL 500-800 N/mm ²
				ALU Si <10%	BRASS
				Ni	
No. 2					
No. 3			ISO2 (6H)		

HAND TAP

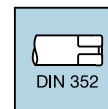
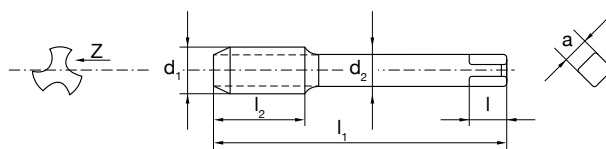
M			OX HSSE V3		
					

6.119.721-P



d ₁	P	Type	l ₁	l ₂	d ₂	l	a	z	Code	€
M2	0.40	No.1	36	8	2.8	5	2.1	3	925.040-I	18.30
M2	0.40	No.2	36	8	2.8	5	2.1	3	920.040-II	17.40
M2	0.40	No.3	36	8	2.8	5	2.1	3	920.040-III	17.40
M2	0.40	Set	36	8	2.8	5	2.1	3	925.040-S	53.10
M2.5	0.45	No.1	40	9	2.8	5	2.1	3	925.055-I	16.40
M2.5	0.45	No.2	40	9	2.8	5	2.1	3	920.055-II	15.60
M2.5	0.45	No.3	40	9	2.8	5	2.1	3	920.055-III	15.60
M2.5	0.45	Set	40	9	2.8	5	2.1	3	925.055-S	47.60
M3	0.50	No.1	40	11	3.5	6	2.7	3	925.065-I	12.50
M3	0.50	No.2	40	11	3.5	6	2.7	3	920.065-II	11.90
M3	0.50	No.3	40	11	3.5	6	2.7	3	920.065-III	11.90
M3	0.50	Set	40	11	3.5	6	2.7	3	925.065-S	36.30
M3.5	0.60	No.1	45	12	4.0	6	3	3	925.070-I	14.50
M3.5	0.60	No.2	45	12	4.0	6	3	3	920.070-II	13.80
M3.5	0.60	No.3	45	12	4.0	6	3	3	920.070-III	13.80
M3.5	0.60	Set	45	12	4.0	6	3	4	925.070-S	42.10

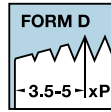
6.119.721-P



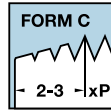
d ₁	P	Type	l ₁	l ₂	d ₂	l	a	z	Code	€
M4	0.70	No.1	45	13	4.5	6	3.4	3	925.075-I	12.50
M4	0.70	No.2	45	13	4.5	6	3.4	3	920.075-II	11.90
M4	0.70	No.3	45	13	4.5	6	3.4	3	920.075-III	11.90
M4	0.70	Set	45	13	4.5	6	3.4	3	925.075-S	36.30
M5	0.80	No.1	50	16	6.0	8	4.9	3	925.085-I	13.70
M5	0.80	No.2	50	16	6.0	8	4.9	3	920.085-II	13.00
M5	0.80	No.3	50	16	6.0	8	4.9	3	920.085-III	13.00
M5	0.80	Set	50	16	6.0	8	4.9	3	925.085-S	39.70
M6	1.00	No.1	56	19	6.0	8	4.9	3	925.090-I	14.10
M6	1.00	No.2	56	19	6.0	8	4.9	3	920.090-II	13.40
M6	1.00	No.3	56	19	6.0	8	4.9	3	920.090-III	13.40
M6	1.00	Set	56	19	6.0	8	4.9	3	925.090-S	40.90
M8	1.25	No.1	63	22	6.0	8	4.9	4	925.100-I	15.10
M8	1.25	No.2	63	22	6.0	8	4.9	4	920.100-II	14.30
M8	1.25	No.3	63	22	6.0	8	4.9	4	920.100-III	14.30
M8	1.25	Set	63	22	6.0	8	4.9	4	925.100-S	43.70
M10	1.50	No.1	70	24	7.0	8	5.5	4	925.110-I	19.80
M10	1.50	No.2	70	24	7.0	8	5.5	4	920.110-II	18.90
M10	1.50	No.3	70	24	7.0	8	5.5	4	920.110-III	18.90
M10	1.50	Set	70	24	7.0	8	5.5	4	925.110-S	57.60
M12	1.75	No.1	75	28	9.0	10	7	4	925.120-I	25.30
M12	1.75	No.2	75	28	9.0	10	7	4	920.120-II	24.00
M12	1.75	No.3	75	28	9.0	10	7	4	920.120-III	24.00
M12	1.75	Set	75	28	9.0	10	7	4	925.120-S	73.30
M14	2.00	No.1	80	30	11.0	12	9	4	925.125-I	33.40
M14	2.00	No.2	80	30	11.0	12	9	4	920.125-II	31.70
M14	2.00	No.3	80	30	11.0	12	9	4	920.125-III	31.70
M14	2.00	Set	80	30	11.0	12	9	4	925.125-S	96.80
M16	2.00	No.1	80	32	12.0	12	9	4	925.130-I	41.00
M16	2.00	No.2	80	32	12.0	12	9	4	920.130-II	39.00
M16	2.00	No.3	80	32	12.0	12	9	4	920.130-III	39.00
M16	2.00	Set	80	32	12.0	12	9	4	925.130-S	119.00

HAND TAPS

No. 1



No. 2



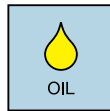
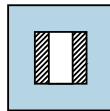
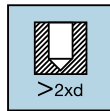
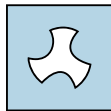
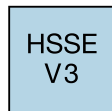
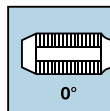
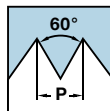
STEEL
≤ 500
N/mm²

STEEL
500-800
N/mm²

ALU
Si <10%

CU

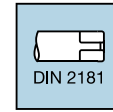
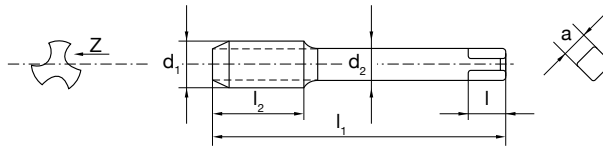
HAND TAP



3.219.810

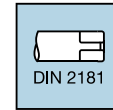
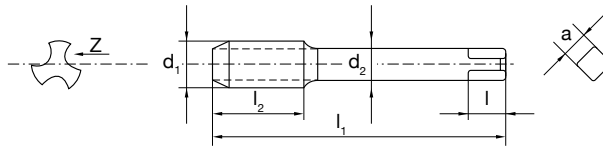
d ₁	P	Type	l ₁	l ₂	d ₂	l	a	z	Code	€
M2	0.25	No.1	36	8	2.8	5	2.1	3	930.000-I	25.70
M2	0.25	No.2	36	8	2.8	5	2.1	3	930.000-II	25.70
M2	0.25	Set	36	8	2.8	5	2.1	4	930.000-S	51.40
M2.5	0.35	No.1	40	9	2.8	5	2.1	3	930.005-I	23.30
M2.5	0.35	No.2	40	9	2.8	5	2.1	3	930.005-II	23.30
M2.5	0.35	Set	40	9	2.8	5	2.1	3	930.005-S	46.60
M3	0.35	No.1	40	8	3.5	6	2.7	3	930.015-I	18.00
M3	0.35	No.2	40	8	3.5	6	2.7	3	930.015-II	18.00
M3	0.35	Set	40	8	3.5	6	2.7	3	930.015-S	36.00
M3.5	0.35	No.1	45	9	4.0	6	3	3	930.020-I	25.30
M3.5	0.35	No.2	45	9	4.0	6	3	3	930.020-II	25.30
M3.5	0.35	Set	45	9	4.0	6	3	3	930.020-S	50.60
M4	0.35	No.1	45	10	4.5	6	3.4	3	930.025-I	24.60
M4	0.35	No.2	45	10	4.5	6	3.4	3	930.025-II	24.60
M4	0.35	Set	45	10	4.5	6	3.4	3	930.025-S	49.20

3.219.810



d ₁	P	Type	l ₁	l ₂	d ₂	l	a	z	Code	€
M12	1.00	No.1	70	22	9.0	10	7	4	930.100-I	21.40
M12	1.00	No.2	70	22	9.0	10	7	4	930.100-II	21.40
M12	1.00	Set	70	22	9.0	10	7	4	930.100-S	42.80
M12	1.25	No.1	70	22	9.0	10	7	4	930.105-I	27.00
M12	1.25	No.2	70	22	9.0	10	7	4	930.105-II	27.00
M12	1.25	Set	70	22	9.0	10	7	4	930.105-S	54.00
M12	1.50	No.1	70	22	9.0	10	7	4	930.110-I	20.80
M12	1.50	No.2	70	22	9.0	10	7	4	930.110-II	20.80
M12	1.50	Set	70	22	9.0	10	7	4	930.110-S	41.60
M14	1.00	No.1	70	22	11.0	12	9	4	930.120-I	31.70
M14	1.00	No.2	70	22	11.0	12	9	4	930.120-II	31.70
M14	1.00	Set	70	22	11.0	12	9	4	930.120-S	63.40
M14	1.25	No.1	70	22	11.0	12	9	4	930.125-I	33.70
M14	1.25	No.2	70	22	11.0	12	9	4	930.125-II	33.70
M14	1.25	Set	70	22	11.0	12	9	4	930.125-S	67.40
M14	1.50	No.1	70	22	11.0	12	9	4	930.130-I	27.10
M14	1.50	No.2	70	22	11.0	12	9	4	930.130-II	27.10
M14	1.50	Set	70	22	11.0	12	9	4	930.130-S	54.20
M15	1.00	No.1	80	22	12.0	12	9	4	930.135-I	36.20
M15	1.00	No.2	80	22	12.0	12	9	4	930.135-II	36.20
M15	1.00	Set	80	22	12.0	12	9	4	930.135-S	72.40
M15	1.50	No.1	80	22	12.0	12	9	4	930.140-I	31.00
M15	1.50	No.2	80	22	12.0	12	9	4	930.140-II	31.00
M15	1.50	Set	80	22	12.0	12	9	4	930.140-S	62.00
M16	1.00	No.1	80	22	12.0	12	9	4	930.145-I	33.70
M16	1.00	No.2	80	22	12.0	12	9	4	930.145-II	33.70
M16	1.00	Set	80	22	12.0	12	9	4	930.145-S	67.40
M16	1.50	No.1	80	22	12.0	12	9	4	930.150-I	27.60
M16	1.50	No.2	80	22	12.0	12	9	4	930.150-II	27.60
M16	1.50	Set	80	22	12.0	12	9	4	930.150-S	55.20
M18	1.00	No.1	80	22	14.0	14	11	4	930.155-I	46.10
M18	1.00	No.2	80	22	14.0	14	11	4	930.155-II	46.10
M18	1.00	Set	80	22	14.0	14	11	4	930.155-S	92.20
M18	1.50	No.1	80	22	14.0	14	11	4	930.160-I	40.60
M18	1.50	No.2	80	22	14.0	14	11	4	930.160-II	40.60
M18	1.50	Set	80	22	14.0	14	11	4	930.160-S	81.20

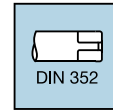
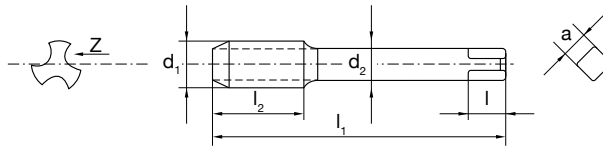
3.219.810



d ₁	P	Type	l ₁	l ₂	d ₂	l	a	z	Code	€
M28	1.50	No.1	90	22	20.0	19	16	4	930.235-I	78.80
M28	1.50	No.2	90	22	20.0	19	16	4	930.235-II	78.80
M28	1.50	Set	90	22	20.0	19	16	4	930.235-S	157.60
M30	1.50	No.1	90	22	22.00	21	18	4	930.245-I	90.80
M30	1.50	No.2	90	22	22.00	21	18	4	930.245-II	90.80
M30	1.50	Set	90	22	22.00	21	18	4	930.245-S	181.60
M30	1.50	No.1	90	22	22.0	21	18	4	930.245-I	90.80
M30	1.50	No.2	90	22	22.0	21	18	4	930.245-II	90.80
M30	1.50	Set	90	22	22.0	21	18	4	930.245-S	181.60
M30	2.00	No.1	90	22	22.0	21	18	4	930.250-I	102.00
M30	2.00	No.2	90	22	22.0	21	18	4	930.250-II	102.00
M30	2.00	Set	90	22	22.0	21	18	4	930.250-S	204.00
M32	1.50	No.1	90	22	22.0	21	18	4	930.255-I	106.00
M32	1.50	No.2	90	22	22.0	21	18	4	930.255-II	106.00
M32	1.50	Set	90	22	22.0	21	18	4	930.255-S	212.00
M33	2.00	No.1	100	25	25.0	23	20	4	930.265-I	137.00
M33	2.00	No.2	100	25	25.0	23	20	4	930.265-II	137.00
M33	2.00	Set	100	25	25.0	23	20	4	930.265-S	274.00
M36	1.50	No.1	100	25	28.0	25	22	4	930.280-I	140.00
M36	1.50	No.2	100	25	28.0	25	22	4	930.280-II	140.00
M36	1.50	Set	100	25	28.0	25	22	4	930.280-S	280.00
M36	2.00	No.1	125	40	28.0	25	22	4	930.285-I	151.00
M36	2.00	No.2	125	40	28.0	25	22	4	930.285-II	151.00
M36	2.00	Set	125	40	28.0	25	22	4	930.285-S	302.00
M36	3.00	No.1	125	40	28.0	25	22	4	930.290-I	161.00
M36	3.00	No.2	125	40	28.0	25	22	4	930.290-II	161.00
M36	3.00	Set	125	40	28.0	25	22	4	930.290-S	322.00
M38	1.50	No.1	100	25	28.0	25	22	4	930.295-I	151.00
M38	1.50	No.2	100	25	28.0	25	22	4	930.295-II	151.00
M38	1.50	Set	100	25	28.0	25	22	4	930.295-S	302.00
M39	2.00	No.1	125	40	32.0	27	24	4	930.300-I	198.00
M39	2.00	No.2	125	40	32.0	27	24	4	930.300-II	198.00
M39	2.00	Set	125	40	32.0	27	24	4	930.300-S	396.00
M39	3.00	No.1	125	40	32.0	27	24	4	930.305-I	197.00
M39	3.00	No.2	125	40	32.0	27	24	4	930.305-II	197.00
M39	3.00	Set	125	40	32.0	27	24	4	930.305-S	394.00

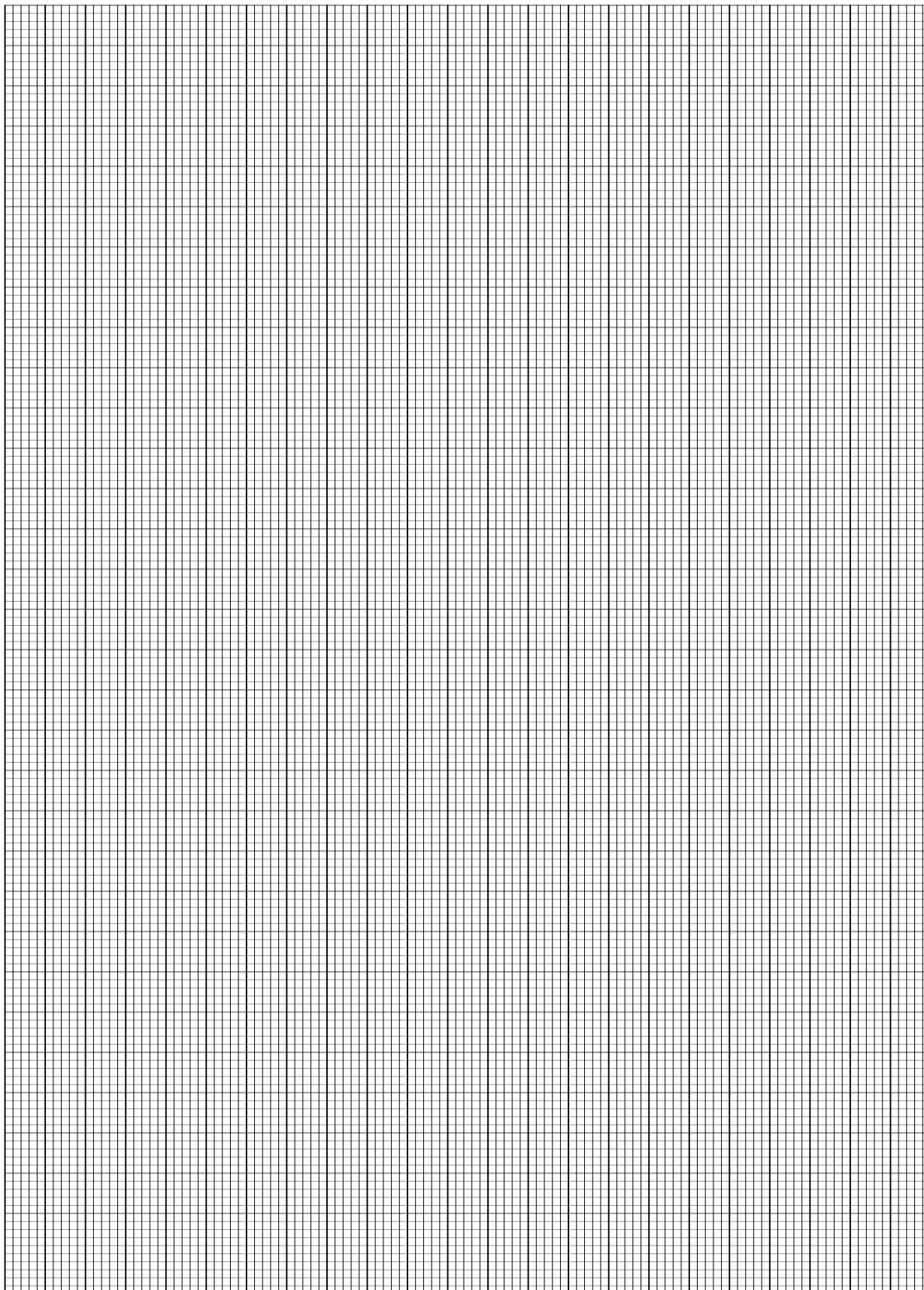
HAND TAPS

3.399.710

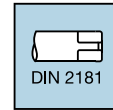
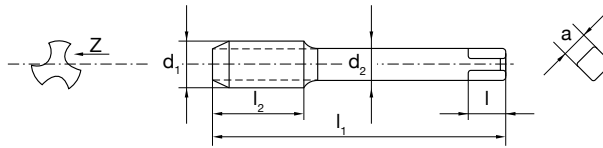


d ₁	P TPI	Type	l ₁	l ₂	d ₂	l	a	z	Code	€
No.4	40	No.1	40	11	3.5	6	2.7	3	940.020-I	13.70
No.4	40	No.2	40	11	3.5	6	2.7	3	940.020-II	13.70
No.4	40	No.3	40	11	3.5	6	2.7	3	940.020-III	13.70
No.4	40	Set	40	11	3.5	6	2.7	3	940.020-S	41.10
No.5	40	No.1	40	11	3.5	6	2.7	3	940.025-I	13.50
No.5	40	No.2	40	11	3.5	6	2.7	3	940.025-II	13.50
No.5	40	No.3	40	11	3.5	6	2.7	3	940.025-III	13.50
No.5	40	Set	40	11	3.5	6	2.7	3	940.025-S	40.50
No.6	32	No.1	45	12	4.0	6	3	3	940.030-I	13.50
No.6	32	No.2	45	12	4.0	6	3	3	940.030-II	13.50
No.6	32	No.3	45	12	4.0	6	3	3	940.030-III	13.50
No.6	32	Set	45	12	4.0	6	3	3	940.030-S	40.50
No.8	32	No.1	45	13	4.5	6	3.4	3	940.035-I	13.70
No.8	32	No.2	45	13	4.5	6	3.4	3	940.035-II	13.70
No.8	32	No.3	45	13	4.5	6	3.4	3	940.035-III	13.70
No.8	32	Set	45	13	4.5	6	3.4	3	940.035-S	41.10
No.10	24	No.1	50	16	6.0	7	4.9	3	940.040-I	14.20
No.10	24	No.2	50	16	6.0	7	4.9	3	940.040-II	14.20
No.10	24	No.3	50	16	6.0	7	4.9	3	940.040-III	14.20
No.10	24	Set	50	16	6.0	7	4.9	3	940.040-S	42.60
No.12	24	No.1	50	16	6.0	8	4.9	3	940.045-I	15.80
No.12	24	No.2	50	16	6.0	8	4.9	3	940.045-II	15.80
No.12	24	No.3	50	16	6.0	8	4.9	3	940.045-III	15.80
No.12	24	Set	50	16	6.0	8	4.9	3	940.045-S	47.40
1/4	20	No.1	56	19	6.0	8	4.9	3	940.050-I	14.80
1/4	20	No.2	56	19	6.0	8	4.9	3	940.050-II	14.80
1/4	20	No.3	56	19	6.0	8	4.9	3	940.050-III	14.80
1/4	20	Set	56	19	6.0	8	4.9	3	940.050-S	44.40
5/16	18	No.1	63	22	6.0	8	4.9	4	940.055-I	16.00
5/16	18	No.2	63	22	6.0	8	4.9	4	940.055-II	16.00
5/16	18	No.3	63	22	6.0	8	4.9	4	940.055-III	16.00
5/16	18	Set	63	22	6.0	8	4.9	4	940.055-S	48.00
3/8	16	No.1	63	22	7.0	8	5.5	4	940.060-I	19.20
3/8	16	No.2	63	22	7.0	8	5.5	4	940.060-II	19.20
3/8	16	No.3	63	22	7.0	8	5.5	4	940.060-III	19.20
3/8	16	Set	63	22	7.0	8	5.5	4	940.060-S	57.60

HAND TAPS



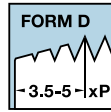
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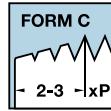
d ₁	P TPI	Type	l ₁	l ₂	d ₂	l	a	z	Code	€
No.4	48	No.1	40	8	3.5	6	2.7	3	945.025-I	16.00
No.4	48	No.2	40	8	3.5	6	2.7	3	945.025-II	16.00
No.4	48	Set	40	8	3.5	6	2.7	3	945.025-S	32.00
No.5	44	No.1	40	8	3.5	6	2.7	3	945.030-I	15.80
No.5	44	No.2	40	8	3.5	6	2.7	3	945.030-II	15.80
No.5	44	Set	40	8	3.5	6	2.7	3	945.030-S	31.60
No.6	40	No.1	45	9	4.0	6	3	3	945.035-I	15.80
No.6	40	No.2	45	9	4.0	6	3	3	945.035-II	15.80
No.6	40	Set	45	9	4.0	6	3	3	945.035-S	31.60
No.8	36	No.1	45	10	4.5	6	3.4	3	945.040-I	15.10
No.8	36	No.2	45	10	4.5	6	3.4	3	945.040-II	15.10
No.8	36	Set	45	10	4.5	6	3.4	3	945.040-S	30.20
No.10	32	No.1	56	12	6.0	7	4.9	3	945.045-I	15.80
No.10	32	No.2	50	12	6.0	7	4.9	3	945.045-II	15.80
No.10	32	Set	50	12	6.0	7	4.9	3	945.045-S	31.60
No.12	28	No.1	50	12	6.0	8	4.9	3	945.050-I	16.40
No.12	28	No.2	50	12	6.0	8	4.9	3	945.050-II	16.40
No.12	28	Set	50	12	6.0	8	4.9	3	945.050-S	32.80
1/4	28	No.1	56	14	6.0	8	4.9	3	945.055-I	16.40
1/4	28	No.2	56	14	6.0	8	4.9	3	945.055-II	16.40
1/4	28	Set	56	14	6.0	8	4.9	3	945.055-S	32.80
5/16	24	No.1	63	22	6.0	8	4.9	4	945.060-I	19.20
5/16	24	No.2	63	22	6.0	8	4.9	4	945.060-II	19.20
5/16	24	Set	63	22	6.0	8	4.9	3	945.060-S	38.40
3/8	24	No.1	63	20	7.0	8	5.5	4	945.065-I	20.30
3/8	24	No.2	63	20	7.0	8	5.5	4	945.065-II	20.30
3/8	24	Set	63	20	7.0	8	5.5	4	945.065-S	40.60
7/16	20	No.1	63	20	8.0	9	6.2	4	945.070-I	24.80
7/16	20	No.2	63	20	8.0	9	6.2	4	945.070-II	24.80
7/16	20	Set	63	20	8.0	9	6.2	4	945.070-S	49.60
1/2	20	No.1	70	22	9.0	10	7	4	945.075-I	27.90
1/2	20	No.2	70	22	9.0	10	7	4	945.075-II	27.90
1/2	20	Set	70	22	9.0	10	7	4	945.075-S	55.80
9/16	18	No.1	70	22	11.0	12	9	4	945.080-I	40.10
9/16	18	No.2	70	22	11.0	12	9	4	945.080-II	40.10
9/16	18	Set	70	22	11.0	12	9	4	945.080-S	80.20

HAND TAPS

No. 1



No. 2



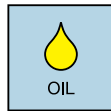
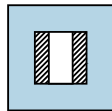
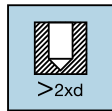
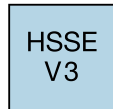
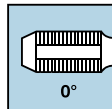
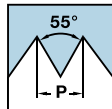
STEEL
≤ 500
N/mm²

STEEL
500-800
N/mm²

ALU
Si <10%

CU

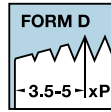
HAND TAP



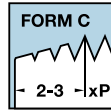
3.699.510

d ₁	P TPi	Type	l ₁	l ₂	d ₂	l	a	z	Code	€
1/8	28	No.1	63	20	7.0	8	5.5	4	935.010-I	21.30
1/8	28	No.2	63	20	7.0	8	5.5	4	935.010-II	21.30
1/8	28	Set	63	20	7.0	8	5.5	4	935.010-S	42.60
1/4	19	No.1	70	22	11.0	12	9	4	935.015-I	27.30
1/4	19	No.2	70	22	11.0	12	9	4	935.015-II	27.30
1/4	19	Set	70	22	11.0	12	9	4	935.015-S	54.60
3/8	19	No.1	70	22	12.0	12	9	4	935.020-I	32.30
3/8	19	No.2	70	22	12.0	12	9	4	935.020-II	32.30
3/8	19	Set	70	22	12.0	12	9	4	935.020-S	64.60
1/2	14	No.1	80	22	16.0	15	12	4	935.025-I	47.10
1/2	14	No.2	80	22	16.0	15	12	4	935.025-II	47.10
1/2	14	Set	80	22	16.0	15	12	4	935.025-S	94.20
5/8	14	No.1	80	22	18.0	17	14.5	4	935.030-I	56.70
5/8	14	No.2	80	22	18.0	17	14.5	4	935.030-II	56.70
5/8	14	Set	80	22	18.0	17	14.5	4	935.030-S	113.40

No. 1



No. 2



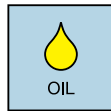
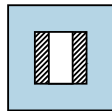
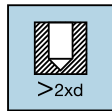
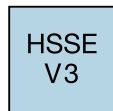
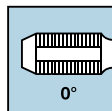
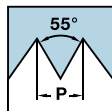
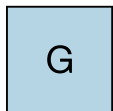
STEEL
≤ 500
N/mm²

STEEL
500-800
N/mm²

ALU
Si <10%

CU

HAND TAP



3.699.510

d ₁	P TPi	Type	l ₁	l ₂	d ₂	l	a	z	Code	€
1/8	28	No.1	63	20	7.0	8	5.5	4	935.010-I	21.30
1/8	28	No.2	63	20	7.0	8	5.5	4	935.010-II	21.30
1/8	28	Set	63	20	7.0	8	5.5	4	935.010-S	42.60
1/4	19	No.1	70	22	11.0	12	9	4	935.015-I	27.30
1/4	19	No.2	70	22	11.0	12	9	4	935.015-II	27.30
1/4	19	Set	70	22	11.0	12	9	4	935.015-S	54.60
3/8	19	No.1	70	22	12.0	12	9	4	935.020-I	32.30
3/8	19	No.2	70	22	12.0	12	9	4	935.020-II	32.30
3/8	19	Set	70	22	12.0	12	9	4	935.020-S	64.60
1/2	14	No.1	80	22	16.0	15	12	4	935.025-I	47.10
1/2	14	No.2	80	22	16.0	15	12	4	935.025-II	47.10
1/2	14	Set	80	22	16.0	15	12	4	935.025-S	94.20
5/8	14	No.1	80	22	18.0	17	14.5	4	935.030-I	56.70
5/8	14	No.2	80	22	18.0	17	14.5	4	935.030-II	56.70
5/8	14	Set	80	22	18.0	17	14.5	4	935.030-S	113.40

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