Schurch Asco SA
ASCO
Partenaire et Savoir-faire

Av. du 1er Mars 33, CP 3052
CH-2001 Neuchâtel
Switzerland

Phone : +41 32 724 3434
Fax : +41 32 724 3436
Email : info@schurch-asco.com

3. MACHINES

TAPPING MACHINE T4 M

SEMI-AUTOMATIC

When the operator presses the control lever, a force sensor detects the effort of the
tap on the coin.

When the force becomes greater than the programmed value (in %), the cycle
Tapping is performed with the current data.

CHARACTERISTICS :

Weight :	14kg
Power supply :	220 V / 1A
Type of pliers :	EX12 schaublin
Motor power :	150w
Tapping speed :	100 à 3000 tr/mn
Number of revolutions :	0,1 à 99 trs

Sensitive triggering (by force sensor)
Color display 480x272 pixels

Ref.	Designation	Tapping range	Price
16236	T4M Semi Automatic	100 à 3000 trs	10'500.00

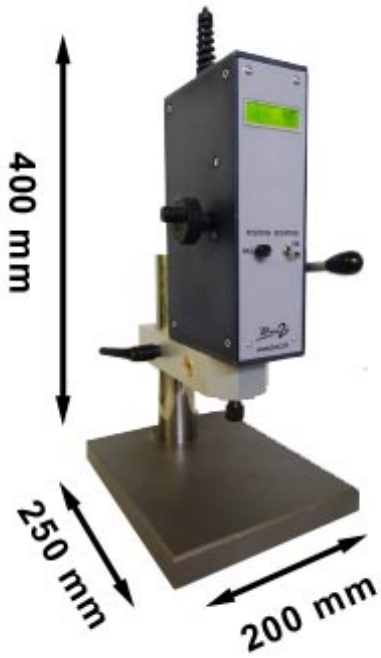
Conditions of sale : Net prices

Schurch Asco SA
ASCO
Partenaire et Savoir-faire

Av. du 1er Mars 33, CP 3052
CH-2001 Neuchâtel
Switzerland

Phone : +41 32 724 3434
Fax : +41 32 724 3436
Email : info@schurch-asco.com
WEB : www.schurch-asco.com

MANUAL ELECTRO-SPINDLE V5M



CHARACTERISTICS :

Weight :	14kg
Power supply :	220 V / 1A
Type of pliers :	EX12 schaublin
Motor power :	150w
Drilling speed :	100 à 12000 tr/mn
Speed display	
Max. vertical travel :	18 mm

Depth stop with 1/100 digital display

Conditions of sale : Net prices

Ref.	Designation	Price
16237	Electrobroche V5M	9'300.00

Plier ESX-9

Plier SCHAUBLIN for floating chuck PHA-E9

Ref.	Acceptable shaft diameter	Price
16195	1	108,20
16196	1.50	75,65
16197	2.00	96,10
16198	2.50	75,65
16199	3.00	62,45
16200	4.00	61.95

Conditions of sale : Net prices

Schurch Asco SA
ASCO
Partenaire et Savoir-faire

Av. du 1er Mars 33, CP 3052
CH-2001 Neuchâtel
Switzerland

Phone : +41 32 724 3434
Fax : +41 32 724 3436
Email : info@schurch-asco.com

Plier ER 8 mm for Tapping-Machine

Arbor diameter is 8 mm and the chucks for the following tools are available: 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5.
The model must be precised in the order.

Ref.	Designation	Price
16239	Plier ER 8 mm DIA. 1 mm	47,05
16240	Plier ER 8 mm DIA. 1.5 mm	47,05
16241	Plier ER 8 mm DIA. 2 mm	47,05
16242	Plier ER 8 mm DIA. 2.5 mm	47,05
16243	Plier ER 8 mm DIA. 3 mm	39,70
16244	Plier ER 8 mm DIA. 3.5 mm	39,70
16245	Plier ER 8 mm DIA. 4 mm	39,70
16246	Plier ER 8 mm DIA. 4.5 mm	39,70
16247	Plier ER 8 mm DIA. 5 mm	39,70

Conditions of sale : Net prices

Compensation Plier ET1

Standard and elongated Plier (AL) with 12 and 16 ext. diameter, DIN 6499, ER/ESX, 8° for small dimension tapping.

Ref.	Acceptable Shaft Dia.	ext. Dia.	Number	Price
16204	2.00 ISO	12	12200	80,65
16205	3.00 JAP	12	12300	80,65
16231	4.00 DIN+ISO+JAP	16	16400	80,65
16206	1.00	12	12100 AL	80,65
16207	1.50	12	12150 AL	80,65
16208	2.00	12	12200 AL	80,65
16227	1.00	16	16100 AL	80,65
16228	1.50	16	16150 AL	80,65
16229	2.00	16	16200 AL	80,65
16209	screw for tapping-machine Plier M 2.5 x 2.30			1,60

Conditions of sale: Discount of 10 % for 10 identical pieces.

Schurch Asco SA
ASCO
Partenaire et Savoir-faire

Av. du 1er Mars 33, CP 3052
CH-2001 Neuchâtel
Switzerland

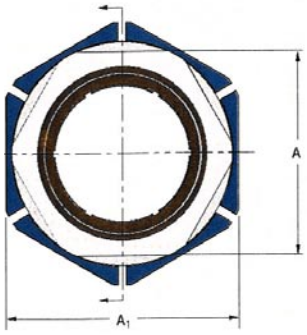
Phone : +41 32 724 3434
Fax : +41 32 724 3436
Email : info@schurch-asco.com
Web : www.schurch-asco.com

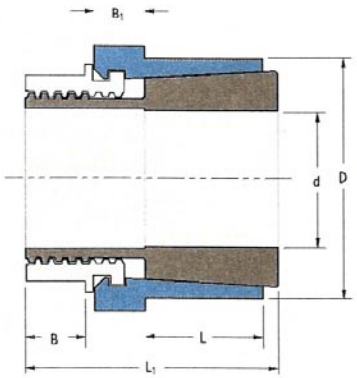
Gripping hub

TRANTORQUE

TOLÉRANCE (T_L)

T_L for shaft and bore is ± .08 mm for all sizes





For the assembly of constituents like disc, pulley without hub or brake disk on exit arbor, engeneers use the traditional system of keyway assembly. However, this assembly system often implies an imprecise axial and radial components positioning and the resulting operational costs, like the switching off of the machines and the productivity losses, are high.

The gripping hub Trantorque is easily assembled and eliminates the opertional problems associated with keyway assembly. It can avoid the corrosion fretting, the torsion play and the matting of the key associated with a keyway assembly. It can be put on a grooved arbor to replace a used or damaged key and it needs only one gripping nut.

Ref.		Type	Ø d_{axis}	D Consti-tuent diameter	Maximum		Pressure on axis N/mm²	L_1	L	A	B	Weight g	Clamping Torque Nm	Price
					Nm	kN								
16771	mini	TTQM0516	5	16	9	3	84	19	10	13	3	18.8	14	35.00
16772		TTQM0616	6	16	12	4	93	19	10	13	3	18.1	14	35.00
16773		TTQM0720	7	20	22	6	103	22	11	16	3	33.9	28	38.00
16774		TTQM0820	8	20	32	7	113	22	11	16	3	32.9	28	38.00
16775		TTQM0920	9	20	42	9	123	22	11	16	3	31.8	28	38.00
16776		TTQM1023	10	23	51	11	119	26	13	19	5	48.9	44	40.00
16777		TTQM1123	11	23	60	12	115	26	13	19	5	47.2	44	40.00
16778		TTQM1223	12	23	69	13	111	26	13	19	5	45.4	44	40.00
16779		TTQM1426	14	26	96	14	110	29	16	22	5	64.9	66	46.00
16780		TTQM1526	15	26	122	15	108	29	16	22	5	62	66	46.00
16781		TTQM1626	16	26	149	16	107	29	16	22	5	59	66	46.00
16782	standard	TTQM1732	17	32	174	18	100	30	22	30	6	118.6	110	48.00
16783		TTQM1832	18	32	198	21	92	30	22	30	6	113.9	110	48.00
16784		TTQM1932	19	32	223	24	85	30	22	30	6	108.9	110	48.00
16785		TTQM2035	20	35	258	26	82	33	24	32	7	144	150	50.00
16786		TTQM2235	22	35	293	27	80	33	24	32	7	131.5	150	50.00
16787		TTQM2438	24	38	330	29	87	35	25	36	8	166.3	185	52.00
16788		TTQM2538	25	38	368	31	94	35	25	36	8	158.8	185	52.00
16789		TTQM2845	28	45	459	38	101	41	29	46	11	292.9	240	60.00
16790		TTQM3045	30	45	550	45	108	41	29	46	11	272.2	240	60.00
16791		TTQM3250	32	50	616	44	100	44	30	50	12	377.4	265	73.00
16792		TTQM3550	35	50	681	42	91	44	30	50	12	340.2	265	73.00

Conditions of sale: Discount: 10 % per assortment of 10 pieces.
15 % per assortment of 100 pieces.

Schurch Asco SA

ASCO Partenaire et Savoir-faire

Av. du 1er Mars 33, CP 3052
CH-2001 Neuchâtel
Switzerland

Phone : +41 32 724 3434
Fax : +41 32 724 3436
Email : info@schurch-asco.com
Web : www.schurch-asco.com

Gripping hub

TRANTORQUE

The recommended minimal diameter of the exit arbor allowing the resistance to the exit torque of one unit of Trantorque M is indicated in the table below. These values are given for a constituent entirely covering the L2 dimension of the hub.

	Ø axe	Calibre compo-nant	Pression on shaft N/mm²	Breackdown Torque N/mm²											
				125	150	175	200	225	250	275	300	325	350	375	400
				output shaft minimum Diamètre (security factor = 1)											
mini	5	16	84	32	28	26	25	23	22	22	21	21	20	20	20
	6	16	93	35	30	28	26	24	23	23	22	21	21	21	20
	7	20	103	48	41	37	34	32	30	29	28	28	27	26	26
	8	20	113	53	44	39	36	33	32	30	29	28	28	27	27
	9	20	123	58	48	42	38	35	33	31	30	29	28	28	27
	10	23	119	65	53	47	42	39	37	36	34	33	32	32	31
	11	23	115	62	52	45	42	39	37	35	34	33	32	31	31
	12	23	111	60	50	44	41	38	36	35	33	32	32	31	30
	14	26	110	67	56	50	46	43	41	39	38	37	36	35	34
	15	26	108	66	55	49	45	42	40	39	37	36	36	35	34
	16	26	107	65	55	49	45	42	40	39	37	36	35	35	34
standard	17	32	100	74	64	57	53	50	48	46	45	44	43	42	41
	18	32	92	69	60	55	51	49	46	45	44	43	42	41	40
	19	32	85	65	57	53	49	47	45	44	43	42	41	40	40
	20	35	82	69	62	57	53	51	49	47	46	45	44	44	43
	22	35	80	68	60	56	53	50	48	47	46	45	44	43	43
	24	38	87	79	69	63	59	56	54	52	51	50	49	48	47
	25	38	94	84	73	66	61	58	56	54	52	51	50	49	48
	28	45	101	106	91	82	75	71	68	65	63	62	60	59	58
	30	45	108	114	96	85	78	74	70	67	65	63	61	60	59
	32	50	100	116	100	90	83	78	75	72	70	68	67	65	64
	35	50	91	107	94	85	79	75	72	70	68	66	65	64	63