



Novità catalogo **TAGLIO** 2015

Gtake[®]

catalogo utensili da taglio
cutting tools catalogue

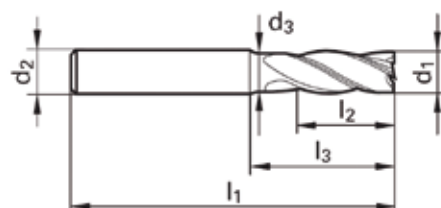


TechnoTradeGroup[®]

Frese in metallo duro

Carbide end mills

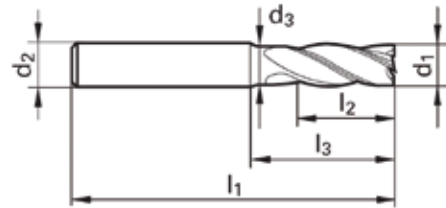
Fresa in M.D. 1422 - DIN 6527, rivestita nano TiAlN, elica 41°/43°/45° a passo differenziato, 3 taglienti, per cave ad alti avanzamenti
 Carbide end mill 1422 - DIN 6527, TiAlN coated, variable helix angle 41°/43°/45°, 3 flutes, for high feed slot milling



Tolleranza e8 / Tolerance e8

Attacco cilindrico / Straight shank	Attacco Weldon / Weldon toolholder						
Codice di ordinazione Code	Codice di ordinazione Code	d1	d2	l1	l2	l3	Z
TA1422110100300	TA142211010030W	3	6	57	8	15	3
TA1422110100350	TA142211010035W	3.5	6	57	10	15	3
TA1422110100370	TA142211010037W	3.7	6	57	11	15	3
TA1422110100400	TA142211010040W	4	6	57	11	18	3
TA1422110100450	TA142211010045W	4.5	6	57	11	18	3
TA1422110100470	TA142211010047W	4.7	6	57	13	18	3
TA1422110100500	TA142211010050W	5	6	57	13	18	3
TA1422110100550	TA142211010055W	5.5	6	57	13	18	3
TA1422110100570	TA142211010057W	5.7	6	57	13	18	3
TA1422110100600	TA142211010060W	6	6	57	13	21	3
TA1422110100650	TA142211010065W	6.5	8	63	16	27	3
TA1422110100700	TA142211010070W	7	8	63	16	27	3
TA1422110100750	TA142211010075W	7.5	8	63	19	27	3
TA1422110100800	TA142211010080W	8	8	63	19	27	3
TA1422110100850	TA142211010085W	8.5	10	72	19	32	3
TA1422110100900	TA142211010090W	9	10	72	19	32	3
TA1422110100950	TA142211010095W	9.5	10	72	22	32	3
TA1422110101000	TA142211010100W	10	10	72	22	32	3
TA1422110101200	TA142211010120W	12	12	83	26	38	3
TA1422110101600	TA142211010160W	16	16	92	32	44	3
TA1422110102000	TA142211010200W	20	20	104	38	54	3

Fresa in M.D. 1430 - DIN 6527, rivestita nano TiAlN, elica 36°/38° a passo differenziato, 4 taglienti, per cave e contornature ad alti avanzamenti
Carbide end mill 1430 - DIN 6527, TiAlN coated, variable helix angle 36°/38°, 4 flutes, for high feed slot milling and contouring



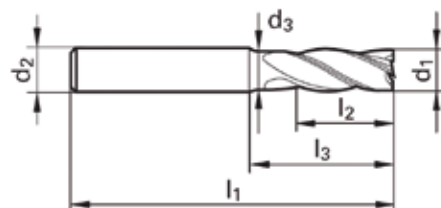
Specifiche per INOX / Recommended for stainless steel

Attacco cilindrico / Straight shank	Attacco Weldon / Weldon toolholder						
Codice di ordinazione Code	Codice di ordinazione Code	d1	d2	l1	l2	l3	Z
TA1430110100300	TA143011010030W	3	6	57	8	15	4
TA1430110100350	TA143011010035W	3.5	6	57	10	15	4
TA1430110100400	TA143011010040W	4	6	57	11	18	4
TA1422110100450	TA143011010045W	4.5	6	57	11	18	4
TA1430110100500	TA143011010050W	5	6	57	13	18	4
TA1430110100550	TA143011010055W	5.5	6	57	13	18	4
TA1430110100600	TA143011010060W	6	6	57	13	21	4
TA1430110100650	TA143011010065W	6.5	8	63	16	27	4
TA1430110100700	TA143011010070W	7	8	63	16	27	4
TA1430110100750	TA143011010075W	7.5	8	63	19	27	4
TA1430110100800	TA143011010080W	8	8	63	19	27	4
TA1430110100850	TA143011010085W	8.5	10	72	19	32	4
TA1430110100900	TA143011010090W	9	10	72	19	32	4
TA1430110100950	TA143011010095W	9.5	10	72	22	32	4
TA1430110101000	TA143011010100W	10	10	72	22	32	4
TA1430110101100	TA143011010110W	11	12	83	26	38	4
TA1430110101200	TA143011010120W	12	12	83	26	38	4
TA1430110101400	TA143011010140W	14	14	83	26	38	4
TA1430110101600	TA143011010160W	16	16	92	32	44	4
TA1430110101800	TA143011010180W	18	18	92	32	44	4
TA1430110102000	TA143011010200W	20	20	104	38	54	4
TA1430110102000	TA143011010250W	25	25	121	45	65	4

Frese in metallo duro

Carbide end mills

Fresa in M.D. 1435 - DIN 6527, rivestita nano TiAlN, elica 36°/38° a passo differenziato, 4 taglienti, per sgrossatura dente fine, basse vibrazioni
 Carbide end mill 1435 - DIN 6527, TiAlN coated, variable helix angle 36°/38°, 4 flutes, for fine tooth roughing, low vibrations



Ottime su acciai, inox e ghisa. Rugosità Ra 2-3 µm /
 Recommended for steel, stainless steel and cast iron.
 Roughness Ra 2-3 µm

Attacco cilindrico / Straight shank	Attacco Weldon / Weldon toolholder						
Codice di ordinazione Code	Codice di ordinazione Code	d1	d2	l1	l2	l3	Z
TA1435110100500	TA143511010050W	5	6	57	13	18	4
TA1435110100600	TA143511010060W	6	6	57	13	21	4
TA1435110100700	TA143511010070W	7	8	63	16	27	4
TA1435110100800	TA143511010080W	8	8	63	19	27	4
TA1435110100900	TA143511010090W	9	10	72	19	32	4
TA1435110101000	TA143511010100W	10	10	72	22	32	4
TA1435110101200	TA143511010120W	12	12	83	26	38	4
TA1435110101400	TA143511010140W	14	14	83	26	38	4
TA1435110101600	TA143511010160W	16	16	92	32	44	4
TA1435110101800	TA143511010180W	18	18	92	32	44	4
TA1435110102000	TA143511010200W	20	20	104	38	54	4
TA1435110102500	TA143511010250W	25	25	121	45	65	4

Parametri di utilizzo
User guide



Materiali Material groups	N/mm ²	TA1422		TA1430		TA1435	
		Vc m/min	Avanzamento Feed rate	Vc m/min	Avanzamento Feed rate	Vc m/min	Avanzamento Feed rate
Acciai da costruzione Structural steel	>500-850	180	12	180	12	180	8
Acciai automatici Free-cutting steel	850-1000	180	12	180	12	180	8
Acciai da bonifica non legati Non-alloy hardened and tempered steel	700-1000	160	12	160	12	160	8
Acciai da bonifica legati Alloy hardened and tempered steel	850 -1200	135	11	135	11	135	7
Acciai da cementazione legati Alloy structural steel	850 -1200	135	11	135	11	135	7
Acciai per utensili Tool steel	850-1000	120	11	-	-	-	-
Acciai super rapidi High speed steel	650-1000	120	11	-	-	-	-
Acciai inossidabili allo zolfo Sulphured stainless steel	700-850	100	10	120	10	120	7
Acciai inossidabili austenitici Austenitic stainless steel	700-850	60	9	80	9	80	6
Acciai inossidabili martensitici Martensitic stainless steel	700-850	50	9	70	9	70	6
Acciai temprati Hardened steel	40-50 HRC	70	8	-	-	-	-
Leghe speciali Special alloys	1200	30	5	30	5	30	4
Titanio e sue leghe Titanium and Ti-alloys	850-1200	50	8	60	8	60	6
Ghise Cast iron	240-300	160	13	120	5	120	9
Ghise sferoidali Malleable cast iron	240-300	140	13	100	5	100	8
Alluminio Aluminum	400	-	-	-	-	-	-
Leghe di alluminio Si >10% Aluminum alloys Si >10%	600	-	-	-	-	-	-
Leghe di alluminio Si <10% Aluminum alloys Si <10%	600	-	-	-	-	-	-
Rame Copper	450	-	-	-	-	-	-
Ottone a truciolo corto Short-chipping brass	600	-	-	-	-	-	-
Ottone a truciolo lungo Long-chipping brass	600	-	-	-	-	-	-
Bronzo a truciolo corto Short-chipping bronze	600-850	-	-	-	-	-	-
Bronzo a truciolo lungo Long-chipping bronze	850-1000	-	-	-	-	-	-

Ap = Profondità di taglio | Cutting depth
Ae = Larghezza di taglio | Cutting width

Lavorazione in cava
Slot working
Ap = 0,5xD
Ae = 1xD

Lavorazione in cava
Slot working
Ap = 0,5xD
Ae = 1xD

Lavorazione in cava
Slot working
Ap = 0,5xD
Ae = 1xD

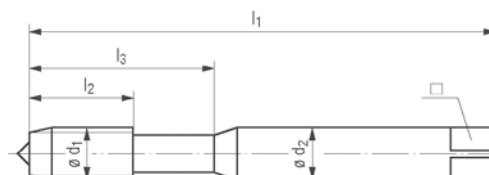
Contornatura
Contouring
Ap = 0,5xD
Ae = 1xD

Contornatura
Contouring
Ap = 0,5xD
Ae = 1xD

Maschi e filiere

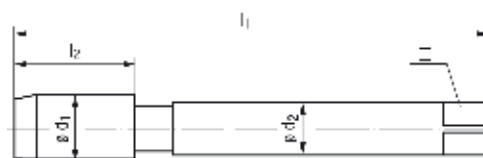
Taps and dies

Maschio a macchina HSS-Co 1464 - per fori ciechi, vaporizzato, riga blu, DIN 371, tolleranza ISO 2 6H, elica 40°, 3xD1
HSS Cobalt machine tap 1464 - for blind holes, vaporized, blu ring, DIN 371, tolerance ISO 2 6H, 40° helix, 3xD1



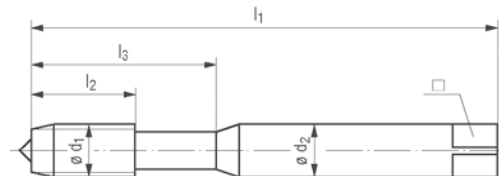
Codice di ordinazione Code	Ø	Passo Pitch	l1	l2	l3	d2	Quadro Square	Preforo Drill
TA1464130900300	M3	0.50	56	11	18	3.5	2.7	2.5
TA1464130900400	M4	0.70	63	13	21	4.5	3.4	3.3
TA1464130900500	M5	0.80	70	15	25	6.0	4.9	4.2
TA1464130900600	M6	1.00	80	17	30	6.0	4.9	5.0
TA1464130900800	M8	1.25	90	20	35	8.0	6.2	6.8
TA1464130901000	M10	1.50	100	22	39	10.0	8.0	8.5

Maschio a macchina HSS-Co 1465 - per fori ciechi, vaporizzato, riga blu, DIN 376, tolleranza ISO 2 6H, elica 40°, 3xD1
HSS Cobalt machine tap 1465 - for blind holes, vaporized, blu ring, DIN 371, tolerance ISO 2 6H, 40° helix, 3xD1



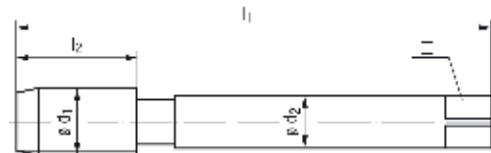
Codice di ordinazione Code	Ø	Passo Pitch	l1	l2	d2	Quadro Square	Preforo Drill
TA1465130901200	M12	1.75	110	24	9	7	10.2
TA1465130901400	M14	2.00	110	26	11	9	12.0
TA1465130901600	M16	2.00	110	27	12	9	14.0
TA1465130901800	M18	2.50	125	30	14	11	15.5
TA1465130902000	M20	2.50	140	32	16	12	17.5
TA1465130902200	M22	2.00	140	32	18	14.5	19.5
TA1465130902400	M24	3.00	160	36	18	14.5	21.0

Maschio a macchina HSS-Co 1454 – per fori passanti, vaporizzato, riga blu, DIN 371, tolleranza ISO 2 6H, imbocco corretto, 3xD1
HSS Cobalt machine tap 1454 – for through holes, vaporized, blu ring, DIN 371, tolerance ISO 2 6H, spiral pointed, 3xD1



Codice di ordinazione Code	Ø	Passo Pitch	l1	l2	d2	Quadro Square	Preforo Drill
TA1454130900300	M3	0.50	56	10	3.5	2.7	2.5
TA1454130900400	M4	0.70	63	12	4.5	3.4	3.3
TA1454130900500	M5	0.80	70	14	6.0	4.9	4.2
TA1454130900600	M6	1.00	80	16	6.0	4.9	5.0
TA1454130900800	M8	1.25	90	18	8.0	6.2	6.8
TA1454130901000	M10	1.50	100	20	10.0	8.0	8.5

Maschio a macchina HSS-Co 1455 – per fori passanti, vaporizzato, riga blu, DIN 376, tolleranza ISO 2 6H, imbocco corretto, 3xD1
HSS Cobalt machine tap 1455 – for through holes, vaporized, blu ring, DIN 376, tolerance ISO 2 6H, spiral pointed, 3xD1

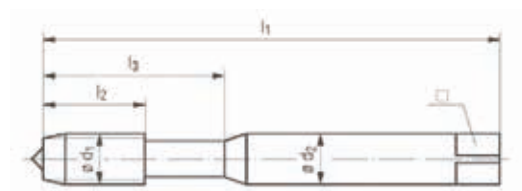
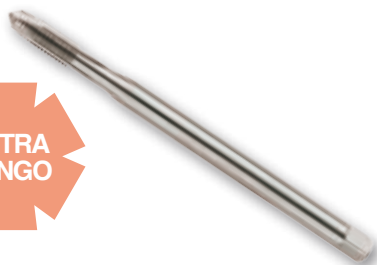


Codice di ordinazione Code	Ø	Passo Pitch	l1	l2	d2	Quadro Square	Preforo Drill
TA1455130901200	M12	1.75	110	24	9	7	10.2
TA1455130901400	M14	2.00	110	26	11	9	12.0
TA1455130901600	M16	2.00	110	27	12	9	14.0
TA1455130901800	M18	2.50	125	30	14	11	15.5
TA1455130902000	M20	2.50	140	32	16	12	17.5
TA1455130902200	M22	2.00	140	32	18	14.5	19.5
TA1455130902400	M24	3.00	160	36	18	14.5	21.0

Maschi e filiere

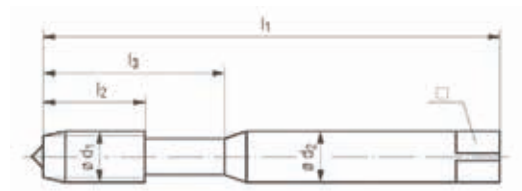
Taps and dies

Maschio a macchina HSS-E 1480 - per fori passanti, gambo rinforzato e prolungato, DIN 371, tolleranza ISO 6H, imbocco corretto, 2,5xD1
HSS-E machine tap 1480 - for through holes, reinforced long shank, DIN 371, tolerance ISO 6H, spiral pointed, 2,5xD1



Codice di ordinazione Code	Ø	Passo Pitch	l1	l2	d2	Quadro Square	Preforo Drill
TA1480130900400	M4	0.70	150	13	4.5	3.4	3.3
TA1480130900500	M5	0.80	150	16	6.0	4.9	4.2
TA1480130900600	M6	1.00	150	19	6.0	4.9	5.0
TA1480130900800	M8	1.25	150	22	8.0	6.2	6.8
TA1480130901000	M10	1.50	150	24	10.0	8.0	8.5
TA1480130901200	M12	1.75	150	29	12.0	9.0	10.2

Maschio a macchina HSS-E 1485 - per fori ciechi, gambo rinforzato e prolungato, DIN 371, tolleranza ISO 6H, elica 35°, 2,5xD1
HSS-E machine tap 1485 - for blind holes, reinforced long shank, DIN 371, tolerance ISO 6H, 35° helix, 2,5xD1



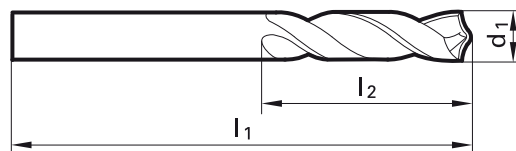
Codice di ordinazione Code	Ø	Passo Pitch	l1	l2	d2	Quadro Square	Preforo Drill
TA1485130900400	M4	0.70	150	13	4.5	3.4	3.3
TA1485130900500	M5	0.80	150	16	6.0	4.9	4.2
TA1485130900600	M6	1.00	150	19	6.0	4.9	5.0
TA1485130900800	M8	1.25	150	22	8.0	6.2	6.8
TA1485130901000	M10	1.50	150	24	10.0	8.0	8.5
TA1485130901200	M12	1.75	150	29	12.0	9.0	10.2



Punte HSS

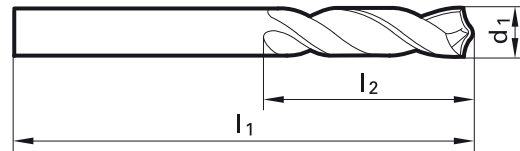
HSS drills

Punta HSS elicoidale lucida 1070 - DIN 338 Premium, rivestita TiN, serie corta, 5xD
HSS twist drill 1070 - DIN 338 Premium, TiN coated, jobber series, 5xD



Codice di ordinazione Code	Ø	Lungh. tot Total lenght	Lungh. elic Helix lenght
TA1070070900100	1.00	34	12
TA1070070900110	1.10	36	14
TA1070070900120	1.20	38	16
TA1070070900130	1.30	38	16
TA1070070900140	1.40	40	18
TA1070070900150	1.50	40	18
TA1070070900160	1.60	43	20
TA1070070900170	1.70	43	20
TA1070070900180	1.80	46	22
TA1070070900190	1.90	46	22
TA1070070900200	2.00	49	24
TA1070070900210	2.10	49	24
TA1070070900220	2.20	53	27
TA1070070900230	2.30	53	27
TA1070070900240	2.40	57	30
TA1070070900250	2.50	57	30
TA1070070900260	2.60	57	30
TA1070070900270	2.70	61	33
TA1070070900280	2.80	61	33
TA1070070900290	2.90	61	33
TA1070070900300	3.00	61	33
TA1070070900310	3.10	65	36
TA1070070900320	3.20	65	36
TA1070070900330	3.30	65	36
TA1070070900340	3.40	70	39
TA1070070900350	3.50	70	39
TA1070070900360	3.60	70	39
TA1070070900370	3.70	70	39
TA1070070900380	3.80	75	43
TA1070070900390	3.90	75	43
TA1070070900400	4.00	75	43
TA1070070900410	4.10	75	43
TA1070070900420	4.20	75	43
TA1070070900430	4.30	80	47
TA1070070900440	4.40	80	47
TA1070070900450	4.50	80	47
TA1070070900460	4.60	80	47
TA1070070900470	4.70	80	47
TA1070070900480	4.80	86	52
TA1070070900490	4.90	86	52
TA1070070900500	5.00	86	52
TA1070070900510	5.10	86	52
TA1070070900520	5.20	86	52
TA1070070900530	5.30	86	52
TA1070070900540	5.40	93	57
TA1070070900550	5.50	93	57
TA1070070900560	5.60	93	57
TA1070070900570	5.70	93	57
TA1070070900580	5.80	93	57
TA1070070900590	5.90	93	57
TA1070070900600	6.00	93	57
TA1070070900610	6.10	101	63
TA1070070900620	6.20	101	63

Punta HSS elicoidale lucida 1070 - DIN 338 Premium, rivestita TiN, serie corta, 5xD
HSS twist drill 1070 - DIN 338 Premium, TiN coated, jobber series, 5xD

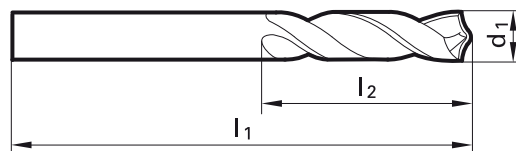


Codice di ordinazione Code	Ø	Lungh. tot Total length	Lungh. elica Helix length
TA1070070900630	6.30	101	63
TA1070070900640	6.40	101	63
TA1070070900650	6.50	101	63
TA1070070900660	6.60	101	63
TA1070070900670	6.70	101	63
TA1070070900680	6.80	109	69
TA1070070900690	6.90	109	69
TA1070070900700	7.00	109	69
TA1070070900710	7.10	109	69
TA1070070900720	7.20	109	69
TA1070070900730	7.30	109	69
TA1070070900740	7.40	109	69
TA1070070900750	7.50	109	69
TA1070070900760	7.60	117	75
TA1070070900770	7.70	117	75
TA1070070900780	7.80	117	75
TA1070070900790	7.90	117	75
TA1070070900800	8.00	117	75
TA1070070900810	8.10	117	75
TA1070070900820	8.20	117	75
TA1070070900830	8.30	117	75
TA1070070900840	8.40	117	75
TA1070070900850	8.50	117	75
TA1070070900860	8.60	125	81
TA1070070900870	8.70	125	81
TA1070070900880	8.80	125	81
TA1070070900890	8.90	125	81
TA1070070900900	9.00	125	81
TA1070070900910	9.10	125	81
TA1070070900920	9.20	125	81
TA1070070900930	9.30	125	81
TA1070070900940	9.40	125	81
TA1070070900950	9.50	125	81
TA1070070900960	9.60	133	87
TA1070070900970	9.70	133	87
TA1070070900980	9.80	133	87
TA1070070900990	9.90	133	87
TA1070070901000	10.00	133	87
TA1070070901010	10.10	133	87
TA1070070901020	10.20	133	87
TA1070070901030	10.30	133	87
TA1070070901040	10.40	133	87
TA1070070901050	10.50	133	87
TA1070070901060	10.60	133	87
TA1070070901070	10.70	142	94
TA1070070901080	10.80	142	94
TA1070070901090	10.90	142	94
TA1070070901100	11.00	142	94
TA1070070901110	11.10	142	94
TA1070070901120	11.20	142	94
TA1070070901130	11.30	142	94
TA1070070901140	11.40	142	94
TA1070070901150	11.50	142	94

Punte HSS

HSS drills

Punta HSS elicoidale lucida 1070 - DIN 338 Premium, rivestita TiN, serie corta, 5xD
HSS twist drill 1070 - DIN 338 Premium, TiN coated, jobber series, 5xD



Codice di ordinazione Code	Ø	Lungh. tot Total lenght	Lungh. elica Helix lenght
TA1070070901160	11.60	142	94
TA1070070901170	11.70	142	94
TA1070070901180	11.80	142	94
TA1070070901190	11.90	151	101
TA1070070901200	12.00	151	101
TA1070070901210	12.10	151	101
TA1070070901220	12.20	151	101
TA1070070901230	12.30	151	101
TA1070070901240	12.40	151	101
TA1070070901250	12.50	151	101
TA1070070901260	12.60	151	101
TA1070070901270	12.70	151	101
TA1070070901280	12.80	151	101
TA1070070901290	12.90	151	101
TA1070070901300	13.00	151	101

Serie di punte HSS elicoidali lucide 1070 - DIN 338 Premium, rivestite TiN, serie corta, 5xD
 HSS twist drill set 1070 - DIN 338 Premium, TiN coated, jobber series, 5xD

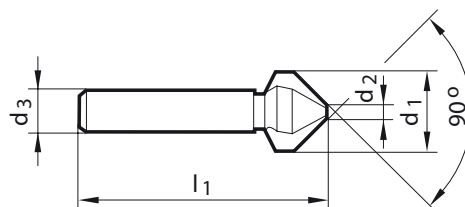


Codice di ordinazione Code	Descrizione Description
TA10700709KIT01	Serie di 19 punte 1070 in cassetta metallica, Ø 1-10 x 0,5mm 1070 drills set in metal box, 19 pcs., Ø 1-10 x 0,5mm
TA10700709KIT02	Serie di 25 punte 1070 in cassetta metallica, Ø 1-13 x 0,5mm 1070 drills set in metal box, 25 pcs., Ø 1-13 x 0,5mm

Svasatori in HSS

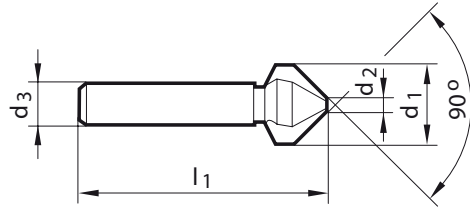
HSS countersinks

Svasatore a 90° in HSS 1230 - DIN 335 C, a tre taglienti, codolo cilindrico
HSS 90° countersink 1230 - DIN 335 C, three flutes, parallel shank



Codice di ordinazione Code	d1	d2	d3	l1	Z
TA1230140900430	4.30	1.30	4.00	40.00	3
TA1230140900500	5.00	1.50	4.00	40.00	3
TA1230140900530	5.30	1.50	4.00	40.00	3
TA1230140900580	5.80	1.50	5.00	45.00	3
TA1230140900600	6.00	1.50	5.00	45.00	3
TA1230140900630	6.30	1.50	5.00	45.00	3
TA1230140900700	7.00	1.80	6.00	50.00	3
TA1230140900730	7.30	1.80	6.00	50.00	3
TA1230140900800	8.00	2.00	6.00	50.00	3
TA1230140900830	8.30	2.00	6.00	50.00	3
TA1230140900940	9.40	2.20	6.00	50.00	3
TA1230140901000	10.00	2.50	6.00	50.00	3
TA1230140901040	10.40	2.50	6.00	50.00	3
TA1230140901150	11.50	2.80	8.00	56.00	3
TA1230140901240	12.40	2.90	8.00	56.00	3
TA1230140901340	13.40	2.90	8.00	56.00	3
TA1230140901500	15.00	3.20	10.00	60.00	3
TA1230140901650	16.50	3.20	10.00	60.00	3
TA1230140901900	19.00	3.50	10.00	63.00	3
TA1230140902050	20.50	3.50	10.00	63.00	3
TA1230140902300	23.00	3.80	10.00	67.00	3
TA1230140902500	25.00	3.80	10.00	67.00	3
TA1230140903000	30.00	4.20	12.00	71.00	3

Svasatore a 90° in HSS 1231 - DIN 335 C, a tre taglienti, rivestito TiN, codolo cilindrico
HSS 90° countersink 1231 - DIN 335 C, three flutes, TiN coated, parallel shank



Codice di ordinazione Code	d1	d2	d3	l1	Z
TA1231140900430	4.30	1.30	4.00	40.00	3
TA1231140900500	5.00	1.50	4.00	40.00	3
TA1231140900530	5.30	1.50	4.00	40.00	3
TA1231140900580	5.80	1.50	5.00	45.00	3
TA1231140900600	6.00	1.50	5.00	45.00	3
TA1231140900630	6.30	1.50	5.00	45.00	3
TA1231140900700	7.00	1.80	6.00	50.00	3
TA1231140900730	7.30	1.80	6.00	50.00	3
TA1231140900800	8.00	2.00	6.00	50.00	3
TA1231140900830	8.30	2.00	6.00	50.00	3
TA1231140900940	9.40	2.20	6.00	50.00	3
TA1231140901000	10.00	2.50	6.00	50.00	3
TA1231140901040	10.40	2.50	6.00	50.00	3
TA1231140901150	11.50	2.80	8.00	56.00	3
TA1231140901240	12.40	2.90	8.00	56.00	3
TA1231140901340	13.40	2.90	8.00	56.00	3
TA1231140901500	15.00	3.20	10.00	60.00	3
TA1231140901650	16.50	3.20	10.00	60.00	3
TA1231140901900	19.00	3.50	10.00	63.00	3
TA1231140902050	20.50	3.50	10.00	63.00	3
TA1231140902300	23.00	3.80	10.00	67.00	3
TA1231140902500	25.00	3.80	10.00	67.00	3
TA1231140903000	30.00	4.20	12.00	71.00	3

Svasatori in HSS

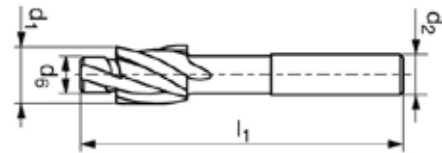
HSS countersinks

Serie di svasatori a 90° in HSS 1230 e 1231 - DIN 335 C
HSS 90° countersinks set 1230 and 1231 - DIN 335 C



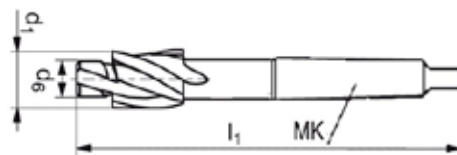
Codice di ordinazione Code	Descrizione Description	Rivestimento Coating
TA12301409KIT01	Set composto da 6 svasatori, 1 pz. per tipo Ø 8,3-10,4-12,4-16,5-20,5-25 Set composed of 6 countersinks, 1 pc. each of Ø 8,3-10,4-12,4-16,5-20,5-25	Standard
TA12311409KIT02	Set composto da 6 svasatori, 1 pz. per tipo Ø 8,3-10,4-12,4-16,5-20,5-25 Set composed of 6 countersinks, 1 pc. each of Ø 8,3-10,4-12,4-16,5-20,5-25	TiN

Fresa TA1075 per sedi viti a 180°, con guide in HSS-Co5, DIN 373, a tre taglienti, codolo cilindrico
TA1075 end mill for screw head seatings, 180°, with HSS-Co5 solid pilot, DIN 373, three flutes, parallel shank



Codice di ordinazione Code	Ø	D	d	d1	L	l
TA1075070900300	M3	6	3.2	5.0	71	14
TA1075070900400	M4	8	4.3	5.0	71	14
TA1075070900500	M5	10	5.3	8.0	80	18
TA1075070900600	M6	11	6.4	8.0	80	18
TA1075070900800	M8	15	8.4	12.5	100	22
TA1075070901000	M10	18	10.5	12.5	100	22
TA1075070901200	M12	20	13.0	12.5	100	22
TA1075070901400	M14	24	15.0	16.0	130	30
TA1075070901600	M16	26	17.0	16.0	130	30

Fresa TA1076 per sedi viti a 180°, con guide in HSS-Co5, DIN 375, a tre taglienti, codolo cono Morse
TA1076 end mill for screw head seatings, 180°, with HSS-Co5 solid pilot, DIN 375, three flutes, Morse taper



Codice di ordinazione Code	Ø	CM	D	d	L	l
TA1076070900800	M8	2	15	8.4	132	22
TA1076070901000	M10	2	18	10.5	140	25
TA1076070901200	M12	2	20	13.0	140	25
TA1076070901400	M14	2	24	15.0	150	30
TA1076070901600	M16	3	26	17.0	180	35
TA1076070901800	M18	3	30	19.0	180	35
TA1076070902000	M20	3	33	21.0	190	40
TA1076070902200	M22	3	36	23.0	190	40
TA1076070902400	M24	3	40	25.0	190	40
TA1076070902700	M27	4	43	28.0	236	50

Attrezzature per officine

Kit dinamometria

Caratteristiche | Specification

Kit dinamometria per utensili ad inserti, fornito in valigetta di plastica con termoformato modellato, composto da:

- n.1 chiave Torque Setter con impugnatura per regolazione della coppia
- n.2 impugnature Torque Vario in bicomponente, a regolazione variabile, leggere e compatte, di dimensioni proporzionate per ottimizzare l'impostazione della coppia; precisione $\pm 6\%$. Conformi alle norme EN ISO6798, BS EN26789, ASME B 107.14M
- n.16 lame Torx (T6, T7, T8, T9, T10, T15, T20, T25) e Torx Plus (IP6, IP7, IP8, IP9, IP10, IP15, IP20, IP25), in acciaio cromo vanadio molibdeno di alta qualità, temprato e cromato, dotate di sistema Magic Spring® (brevetto Wiha): sistema di trattenimento vite che non magnetizza e non raccoglie i trucioli. Ogni lama è dotata di codice di riconoscimento articolo Wiha e massima coppia sopportata espressa sia in Nm che in pollici su libbre. Finitura della punta con sistema Wiha Chrom Top® per un perfetto accoppiamento vite-lama
- n.1 porta bit Torque Bit universale adattabile a tutte le impugnature dinamometriche; con lama in acciaio cromo vanadio molibdeno di alta qualità, temprato e cromato; attacco per bit totalmente in acciaio inox, con rivestimento in plastica nera.

Codice

UT000100500216W



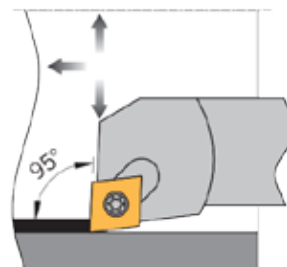
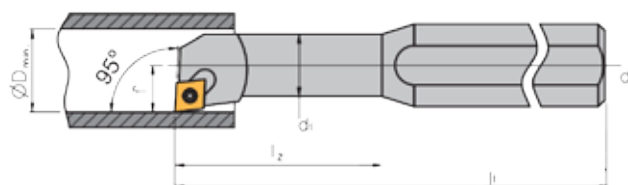




mini **G** tools

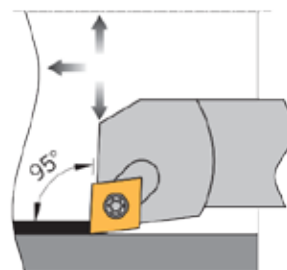
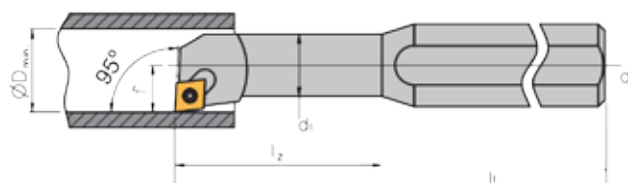


Utensile per tornitura interna A..SCLD R/L 6075 - stelo in acciaio
Turning tool for internal applications A..SCLD R/L 6075 - steel shank



ISO	Codice di ordinazione Code	d	d1	l1	l2	f	ØDmin
A 0408H SCLD R/L 04	TA60750204R/L0408	8	4	100	16	2,4	4,8
A 0508H SCLD R/L 04	TA60750204R/L0508	8	5	100	20	2,9	5,8
A 0608H SCLD R/L 04	TA60750204R/L0608	8	6	100	24	3,4	6,8

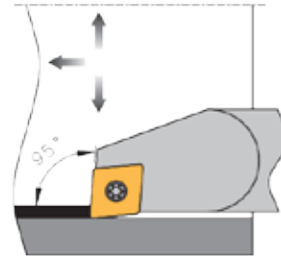
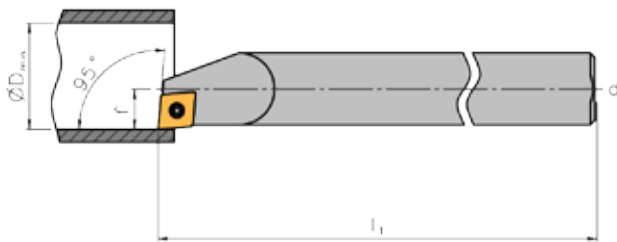
Utensile per tornitura interna E..SCLD R/L 8075 - stelo in metallo duro
Turning tool for internal applications E...SCLD R/L 8075 - carbide shank



ISO	Codice di ordinazione Code	d	d1	l1	l2	f	ØDmin
E 0408H SCLD R/L 04	TA80750204R/L0408	8	4	100	24	2,4	4,8
E 0508H SCLD R/L 04	TA80750204R/L0508	8	5	100	30	2,9	5,8
E 0608H SCLD R/L 04	TA80750204R/L0608	8	6	100	36	3,4	6,8

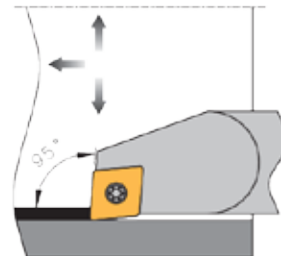
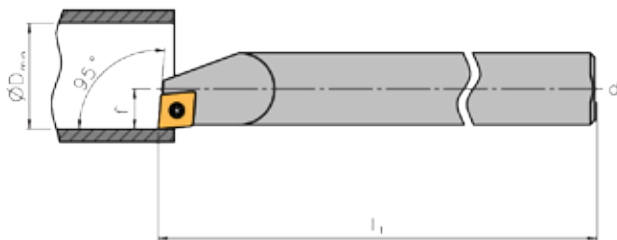
Codice di ordinazione Code	Inserto Insert	Vite inserto Insert Screw	Chiave Key
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TA60750204R/L0508	CD.. 0401..	TA180V020800000	TA06TB060400000
TA60750204R/L0608	CD.. 0401..	TA180V020800000	TA06TB060400000
TA80750204R/L0408	CD.. 0401..	TA180V020800000	TA06TB060400000
TA80750204R/L0508	CD.. 0401..	TA180V020800000	TA06TB060400000
TA80750204R/L0608	CD.. 0401..	TA180V020800000	TA06TB060400000

Utensile per tornitura interna A..SCLD R/L 6075 - stelo in acciaio
Turning tool for internal applications A..SCLD R/L 6075 - steel shank



ISO	Codice di ordinazione Code	d	l1	f	ØDmin
A 04E SCLD R/L 04	TA60750204R/L0040	4	70	2,4	4,8
A 05E SCLD R/L 04	TA60750204R/L0050	5	70	2,9	5,8
A 06F SCLD R/L 04	TA60750204R/L0060	6	80	3,4	6,8

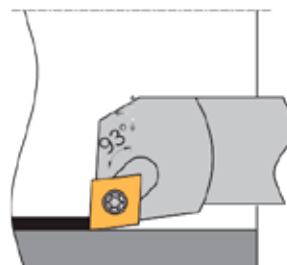
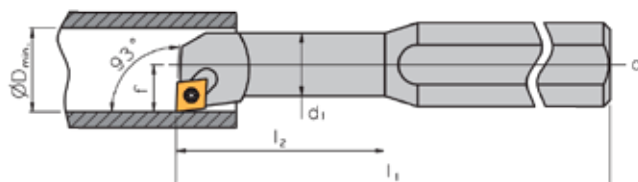
Utensile per tornitura interna E..SCLD R/L 8075 - stelo in metallo duro
Turning tool for internal applications E..SCLD R/L 8075 - carbide shank



ISO	Codice di ordinazione Code	d	l1	f	ØDmin
E 04F SCLD R/L 04	TA80750204R/L0040	4	80	2,4	4,8
E 05F SCLD R/L 04	TA80750204R/L0050	5	80	2,9	5,8
E 06G SCLD R/L 04	TA80750204R/L0050	6	95	3,4	6,8

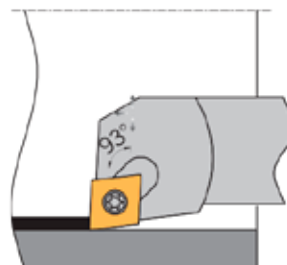
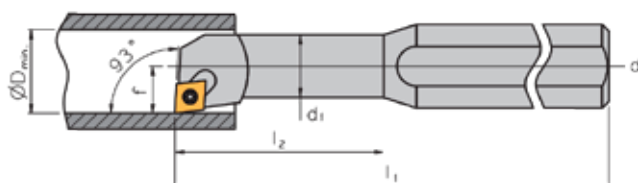
Codice di ordinazione Code	Inserto Insert	Vite inserto Insert Screw	Chiave Key
TA60750204R/L0040	CD.. 0401..	TA180V020800000	TA06TB060400000
TA60750204R/L0050	CD.. 0401..	TA180V020800000	TA06TB060400000
TA60750204R/L0060	CD.. 0401..	TA180V020800000	TA06TB060400000
TA80750204R/L0040	CD.. 0401..	TA180V020800000	TA06TB060400000
TA80750204R/L0050	CD.. 0401..	TA180V020800000	TA06TB060400000
TA80750204R/L0050	CD.. 0401..	TA180V020800000	TA06TB060400000

Utensile per tornitura interna A..SCUP R/L 6077 - stelo in acciaio
Turning tool for internal applications A..SCUP R/L 6077 - steel shank



ISO	Codice di ordinazione Code	d	d1	l1	l2	f	ØDmin
A 0608H SCUP R/L 05	TA60770204R/L0608	8	6	100	20	4,5	8
A 0810J SCUP R/L 05	TA60770204R/L0810	10	8	110	26	6	11
A 1012K SCUP R/L 05	TA60770204R/L1012	12	10	125	32	7	13
A 1216M SCUP R/L 05	TA60770204R/L1216	16	12	150	40	9	16

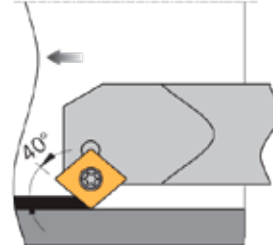
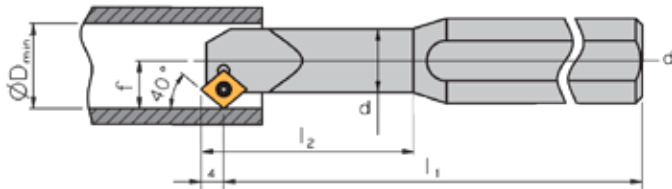
Utensile per tornitura interna E..SCUP R/L 8077 - stelo in metallo duro
Turning tool for internal applications E..SCUP R/L 8077 - carbide shank



ISO	Codice di ordinazione Code	d	d1	l1	l2	f	ØDmin
E 0608H SCUP R/L 05	TA80770204R/L0608	8	6	100	28	4,5	8
E 0810J SCUP R/L 05	TA80770204R/L0810	10	8	110	36	6	11
E 1012K SCUP R/L 05	TA80770204R/L1012	12	10	125	44	7	13
E 1216M SCUP R/L 05	TA80770204R/L1216	16	12	150	55	9	16

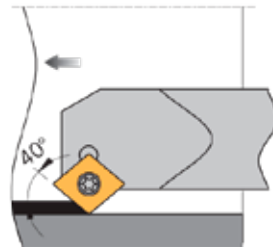
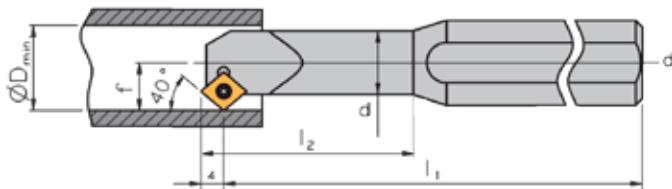
Codice di ordinazione Code	Inserto Insert	Vite inserto Insert Screw	Chiave Key
TA60770204R/L0608	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA60770204R/L0810	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA60770204R/L1012	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA60770204R/L1216	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA80770204R/L0608	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA80770204R/L0810	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA80770204R/L1012	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA80770204R/L1216	CP.. 05T1..	TA005V060400000	TA06TB060400000

Utensile per tornitura interna A..SCXP R/L 6078 - stelo in acciaio
 Turning tool for internal applications A..SCXP R/L 6078 - steel shank



ISO	Codice di ordinazione Code	d	d1	l1	l2	f	ØDmin
A0608H SCXP R/L 05	TA60780204R/L0608	8	6	100	20	4,5	8,5
A0810J SCXP R/L 05	TA60780204R/L0810	10	8	110	26	6	11
A1012K SCXP R/L 05	TA60780204R/L1012	12	10	125	32	7	13
A1216M SCXP R/L 05	TA60780204R/L1216	16	12	150	40	9	16

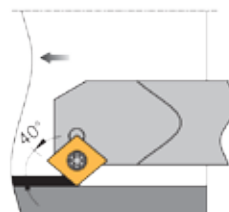
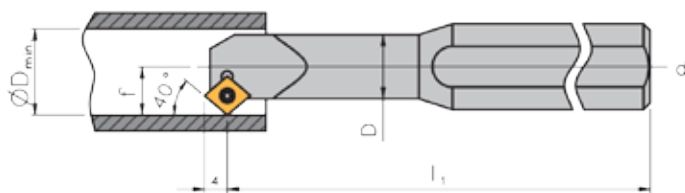
Utensile per tornitura interna E..SCXP R/L 8078 - stelo in metallo duro
 Turning tool for internal applications E..SCXP R/L 8078 - carbide shank



ISO	Codice di ordinazione Code	d	d1	l1	l2	f	ØDmin
E0608H SCXP R/L 05	TA80780204R/L0608	8	6	100	28	4,5	8,5
E0810J SCXP R/L 05	TA80780204R/L0810	10	8	110	36	6	11
E1012K SCXP R/L 05	TA80780204R/L1012	12	10	125	44	7	13
E1216M SCXP R/L 05	TA80780204R/L1216	16	12	150	55	9	16

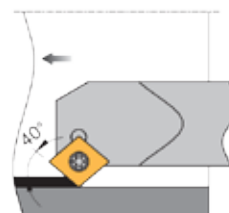
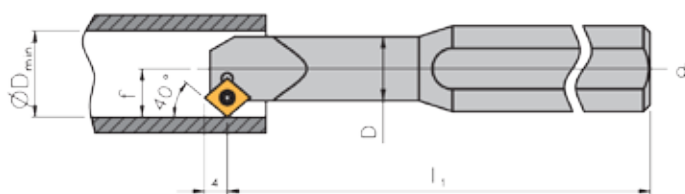
Codice di ordinazione Code	Inserto Insert	Vite inserto Insert Screw	Chiave Key
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TA60780204R/L0810	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA60780204R/L1012	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA60780204R/L1216	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA80780204R/L0608	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA80780204R/L0810	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA80780204R/L1012	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA80780204R/L1216	CP.. 05T1..	TA005V060400000	TA06TB060400000

Utensile per tornitura interna A..SCXP R/L 6078 - stelo in acciaio
Turning tool for internal applications A..SCXP R/L 6078 - steel shank



ISO	Codice di ordinazione Code	d	d1	l1	l2	f	ØDmin
A0608H SCXP R/L 05	TA60780204R/L0608	8	6	100	20	4,5	8,5
A0810J SCXP R/L 05	TA60780204R/L0810	10	8	110	26	6	11
A1012K SCXP R/L 05	TA60780204R/L1012	12	10	125	32	7	13
A1216M SCXP R/L 05	TA60780204R/L1216	16	12	150	40	9	16

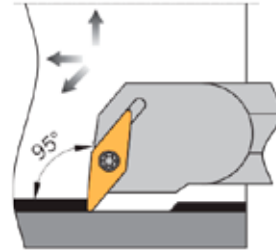
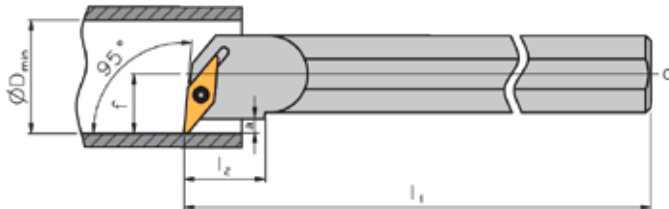
Utensile per tornitura interna E..SCXP R/L 8078 - stelo in metallo duro
Turning tool for internal applications E..SXUP R/L 8078 - carbide shank



ISO	Codice di ordinazione Code	d	d1	l1	l2	f	ØDmin
E0608H SCXP R/L 05	TA80780204R/L0608	8	6	100	28	4,5	8,5
E0810J SCXP R/L 05	TA80780204R/L0810	10	8	110	36	6	11
E1012K SCXP R/L 05	TA80780204R/L1012	12	10	125	44	7	13
E1216M SCXP R/L 05	TA80780204R/L1216	16	12	150	55	9	16

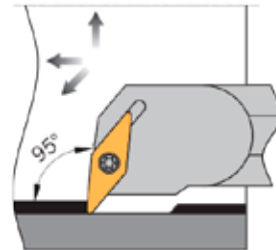
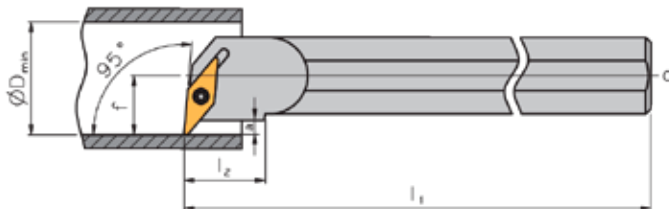
Codice di ordinazione Code	Inserto Insert	Vite inserto Insert Screw	Chiave Key
TA60780204R/L0608	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA60780204R/L0810	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA60780204R/L1012	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA60780204R/L1216	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA80780204R/L0608	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA80780204R/L0810	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA80780204R/L1012	CP.. 05T1..	TA005V060400000	TA06TB060400000
TA80780204R/L1216	CP.. 05T1..	TA005V060400000	TA06TB060400000

Utensile per tornitura interna A..SVLC R/L 6114 - stelo in acciaio
 Turning tool for internal applications A..SVLC R/L 6114 - steel shank



ISO	Codice di ordinazione Code				d	a	l1	l2	f	ØDmin
A10H SVLC R/L 07	TA61140204R/L0100				10	5	100	22	7	12,5
A12K SVLC R/L 07	TA61140204R/L0120				12	5	125	28	9	15,5
A16M SVLC R/L 07	TA61140204R/L0160				16	5	150	36	11	19,5

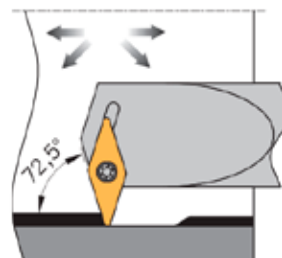
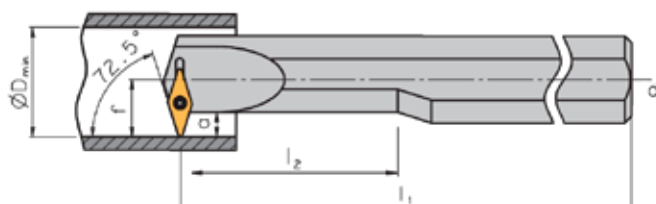
Utensile per tornitura interna E..SVLC R/L 8114 - stelo in metallo duro
 Turning tool for internal applications E..SVLC R/L 8114 - carbide shank



ISO	Codice di ordinazione Code				d	a	l1	l2	f	ØDmin
E10H SVLC R/L 07	TA81140204R/L0100				10	5	100	32	7	12,5
E12K SVLC R/L 07	TA81140204R/L0120				12	5	125	40	9	15,5
E16M SVLC R/L 07	TA81140204R/L0160				16	5	150	55	11	19,5

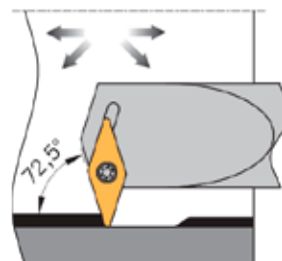
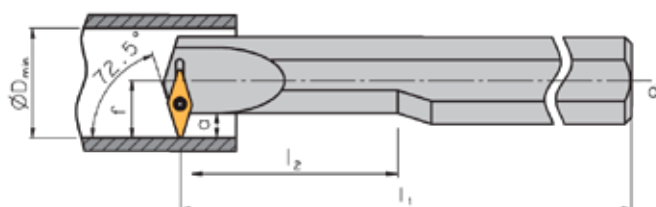
Codice di ordinazione Code	Inserto Insert	Vite inserto Insert Screw	Chiave Key
TA61140204R/L0100	VC.. 0702..	TA091V060400000	TA06TB060400000
TA61140204R/L0120	VC.. 0702..	TA091V060400000	TA06TB060400000
TA61140204R/L0160	VC.. 0702..	TA091V060400000	TA06TB060400000
TA81140204R/L0100	VC.. 0702..	TA091V060400000	TA06TB060400000
TA81140204R/L0120	VC.. 0702..	TA091V060400000	TA06TB060400000
TA81140204R/L0160	VC.. 0702..	TA091V060400000	TA06TB060400000

Utensile per tornitura interna A..SVC R/L 6117 - stelo in acciaio
Turning tool for internal applications A..SVC R/L 6117 - steel shank



ISO	Codice di ordinazione Code			d	d1	l1	l2	f	ØDmin
A10H SVC R/L 07	TA61170204R/L0100			10	5	100	22	8	13,5
A12K SVC R/L 07	TA61170204R/L0120			12	5	125	28	9	15,5
A16M SVC R/L 07	TA61170204R/L0160			16	5	150	36	11	17,5

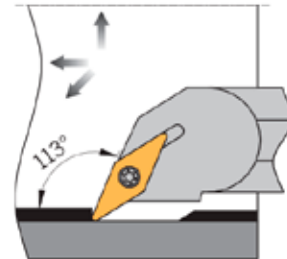
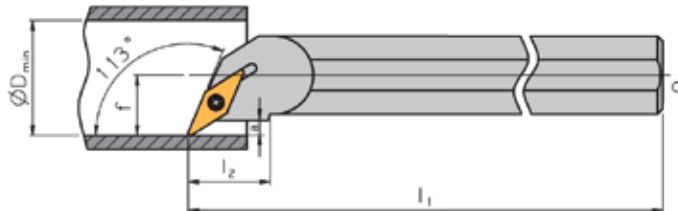
Utensile per tornitura interna E..SVC R/L 8117 - stelo in metallo duro
Turning tool for internal applications E..SVC R/L 8117 - carbide shank



ISO	Codice di ordinazione Code			d	a	l1	l2	f	ØDmin
E10H SVC R/L 07	TA81170204R/L0100			10	5	100	32	8	13,5
E12K SVC R/L 07	TA81170204R/L0120			12	5	125	40	9	15,5
E16M SVC R/L 07	TA81170204R/L0160			16	5	150	55	11	17,5

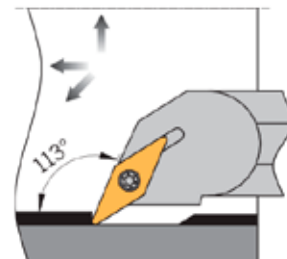
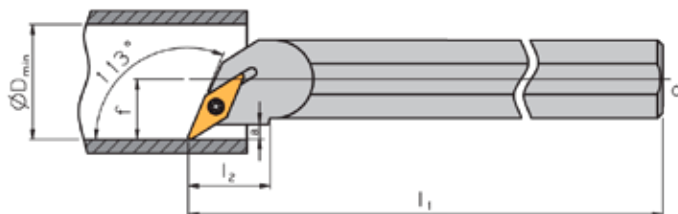
Codice di ordinazione Code	Inserto Insert	Vite inserto Insert Screw	Chiave Key
TA61170204R/L0100	VC.. 0702..	TA091V060400000	TA06TB060400000
TA61170204R/L0120	VC.. 0702..	TA091V060400000	TA06TB060400000
TA61170204R/L0160	VC.. 0702..	TA091V060400000	TA06TB060400000
TA81170204R/L0100	VC.. 0702..	TA091V060400000	TA06TB060400000
TA81170204R/L0120	VC.. 0702..	TA091V060400000	TA06TB060400000
TA81170204R/L0160	VC.. 0702..	TA091V060400000	TA06TB060400000

Utensile per tornitura interna A..SVXC R/L 6118 - stelo in acciaio
Turning tool for internal applications A..SVXC R/L 6118 - steel shank



ISO	Codice di ordinazione Code				d	a	l1	l2	f	ØDmin
A10H SVXC R/L 07	TA61180204R/L0100				10	3	100	22	7	12,5
A12K SVXC R/L 07	TA61180204R/L0120				12	3	125	28	9	15,5
A16M SVXC R/L 07	TA61180204R/L0160				16	3	150	36	11	19,5

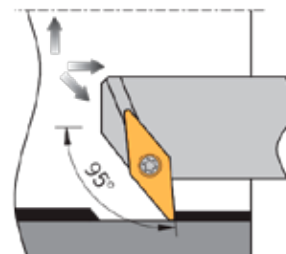
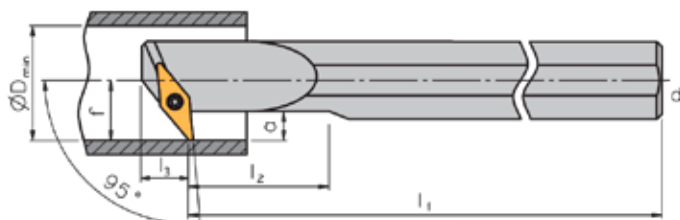
Utensile per tornitura interna E..SVXC R/L 8118 - stelo in metallo duro
Turning tool for internal applications E..SVXC R/L 8118 - carbide shank



ISO	Codice di ordinazione Code				d	a	l1	l2	f	ØDmin
E10H SVXC R/L 07	TA81180204R/L0100				10	3	100	32	7	12,5
E12K SVXC R/L 07	TA81180204R/L0120				12	3	125	40	9	15,5
E16M SVXC R/L 07	TA81180204R/L0160				16	3	150	55	11	19,5

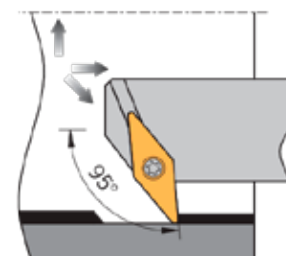
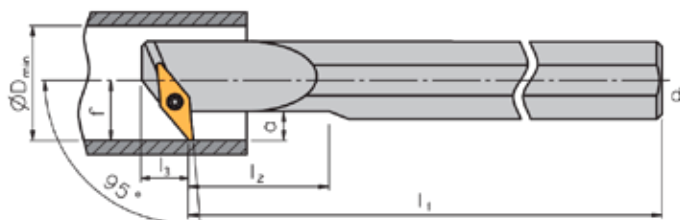
Codice di ordinazione Code	Inserto Insert	Vite insert Insert Screw	Chiave Key
TA61180204R/L0100	VC.. 0702..	TA091V060400000	TA06TB060400000
TA61180204R/L0120	VC.. 0702..	TA091V060400000	TA06TB060400000
TA61180204R/L0160	VC.. 0702..	TA091V060400000	TA06TB060400000
TA81180204R/L0100	VC.. 0702..	TA091V060400000	TA06TB060400000
TA81180204R/L0120	VC.. 0702..	TA091V060400000	TA06TB060400000
TA81180204R/L0160	VC.. 0702..	TA091V060400000	TA06TB060400000

Utensile per tornitura interna A..SV95C R/L 6113 - stelo in acciaio
Turning tool for internal applications A..SV95C R/L 6113 - steel shank



ISO	Codice di ordinazione Code	d	a	l1	l2	f	ØDmin
A10H SV95C R/L 07	TA61130204R/L0100	10	5	100	22	7	12,5
A12K SV95C R/L 07	TA61130204R/L0120	12	5	125	28	9	15,5
A16M SV95C R/L 07	TA61130204R/L0160	16	5	150	36	11	17,5

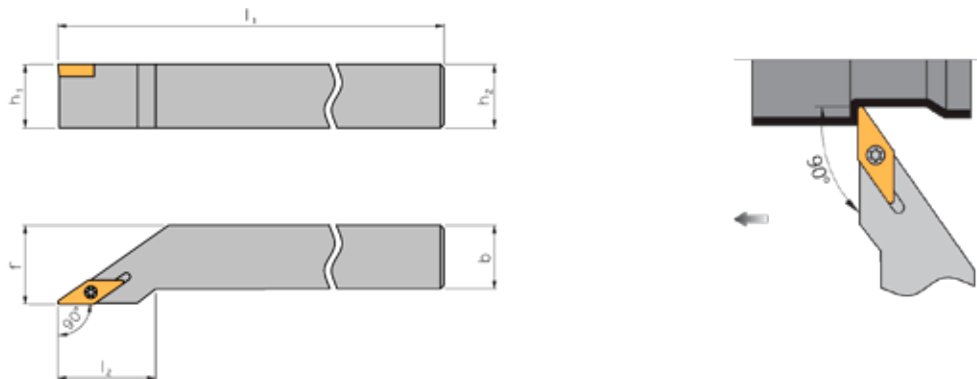
Utensile per tornitura interna E..SV95C R/L 8113 - stelo in metallo duro
Turning tool for internal applications E..SV95C R/L 8113 - carbide shank



ISO	Codice di ordinazione Code	d	a	l1	l2	f	ØDmin
E10H SV95C R/L 07	TA81130204R/L0100	10	5	100	32	7	12,5
E12K SV95C R/L 07	TA81130204R/L0120	12	5	125	40	9	15,5
E16M SV95C R/L 07	TA81130204R/L0160	16	5	150	55	11	17,5

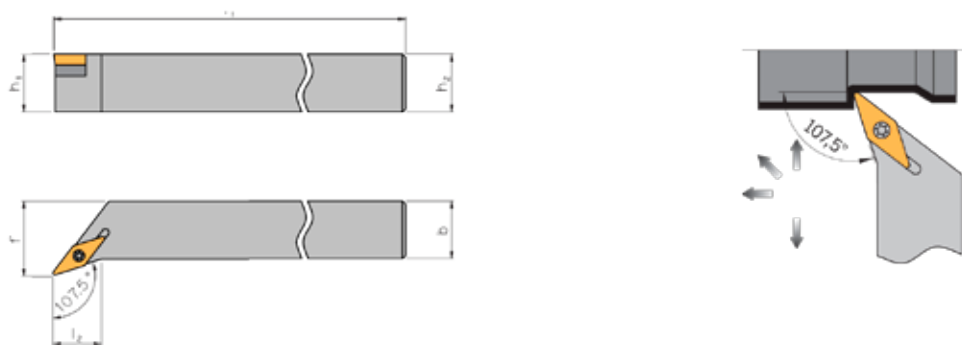
Codice di ordinazione Code	Inserto Insert	Vite inserto Insert Screw	Chiave Key
TA61130204R/L0100	VC.. 0702..	TA091V060400000	TA06TB060400000
TA61130204R/L0120	VC.. 0702..	TA091V060400000	TA06TB060400000
TA61130204R/L0160	VC.. 0702..	TA091V060400000	TA06TB060400000
TA81130204R/L0100	VC.. 0702..	TA091V060400000	TA06TB060400000
TA81130204R/L0120	VC.. 0702..	TA091V060400000	TA06TB060400000
TA81130204R/L0160	VC.. 0702..	TA091V060400000	TA06TB060400000

Utensile per tornitura esterna SVGC R/L 5118 - stelo in acciaio
Turning tool for external applications SVGC R/L 5118 - steel shank



ISO	Codice di ordinazione Code	hi1-h2	b	l1	l2	f
SVGC R/L 0808 K07	TA51180208R/L0807	8	8	125	15	8,5
SVGC R/L 1010 M07	TA51180208R/L1007	10	10	150	15	10,5
SVGC R/L 1212 M07	TA51180208R/L1207	12	12	150	18	12,5

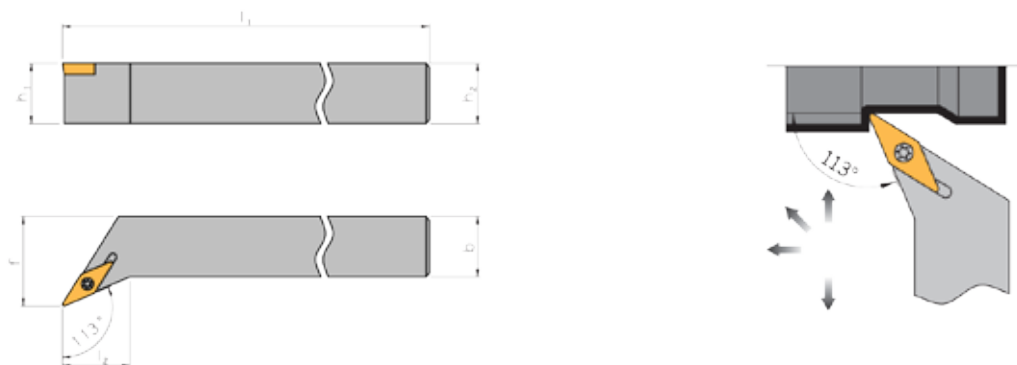
Utensile per tornitura esterna SVLC R/L 5113 - stelo in acciaio
Turning tool for external applications SVLC R/L 5113 - steel shank



ISO	Codice di ordinazione Code	hi1-h2	b	l1	l2	f
SVLC R/L 0808 D07	TA51130208R/L0807	8	8	60	15	10
SVLC R/L 1010 E07	TA51130208R/L1007	10	10	70	15	12
SVLC R/L 1212 F07	TA51130208R/L1207	12	12	80	18	16

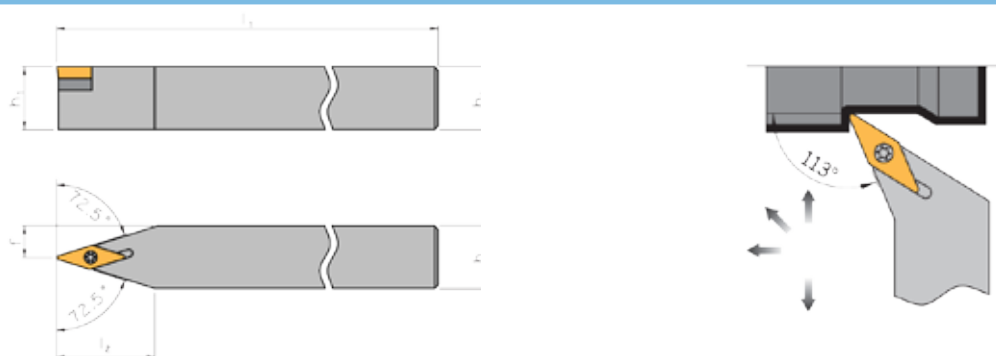
Codice di ordinazione Code	Inserto Insert	Vite inserto Insert Screw	Chiave Key
TA51180208R/L0807	VC.. 0702..	TA091V060400000	TA06TB060400000
TA51180208R/L1007	VC.. 0702..	TA091V060400000	TA06TB060400000
TA51180208R/L1207	VC.. 0702..	TA091V060400000	TA06TB060400000
TA51130208R/L0807	VC.. 0702..	TA091V060400000	TA06TB060400000
TA51130208R/L1007	VC.. 0702..	TA091V060400000	TA06TB060400000
TA51130208R/L1207	VC.. 0702..	TA091V060400000	TA06TB060400000

Utensile per tornitura esterna SVXC R/L 5114 - stelo in acciaio
Turning tool for external applications SVXC R/L 5114 - steel shank



ISO	Codice di ordinazione Code	h1-h2	b	l1	l2	f
SVXC R/L 0808 D07	TA51140208R/L0807	8	8	60	15	10
SVXC R/L 1010 E07	TA51140208R/L1007	10	10	70	15	12
SVXC R/L 1212 F07	TA51140208R/L1207	12	12	80	18	16

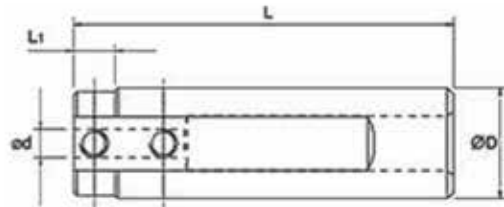
Utensile per tornitura esterna SVVCN 5113 - stelo in acciaio
Turning tool for external applications SVVCN 5113 - steel shank



ISO	Codice di ordinazione Code	h1-h2	b	l1	l2	f
SVVCN 0808 K07	TA51130208R/L0807	8	8	125	15	4
SVVCN 1010 M07	TA51130208R/L1007	10	10	150	16	5
SVVCN 1212 M07	TA51130208R/L1207	12	12	150	19	6

Codice di ordinazione Code	Inserto Insert	Vite inserto Insert Screw	Chiave Key
TA51140208R/L0807	VC.. 0702..	TA091V060400000	TA06TB060400000
TA51140208R/L1007	VC.. 0702..	TA091V060400000	TA06TB060400000
TA51140208R/L1207	VC.. 0702..	TA091V060400000	TA06TB060400000
TA51130208R/L0807	VC.. 0702..	TA091V060400000	TA06TB060400000
TA51130208R/L1007	VC.. 0702..	TA091V060400000	TA06TB060400000
TA51130208R/L1207	VC.. 0702..	TA091V060400000	TA06TB060400000

Bussole 5119 in acciaio con grani per bloccaggio mini utensili
 Steel mini collet 5119 with grains for mini tools clamping



Codice di ordinazione Code	Ød	ØD	L	L1	H
TA51190208B1604	4	16	80	6	15
TA51190208B1605	5	16	80	6	15
TA51190208B1606	6	16	80	6	15

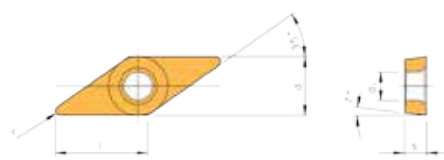
Inserti per tornitura Turning insert



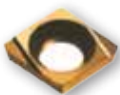
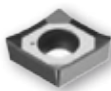
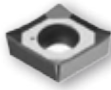
CDGT



CPMT/ CPGT



VCMT / VCGT

Inserto Insert	Descrizione Description	Ricoperto Coated												Cermet		Non ricop. Uncoated		Dimensioni Size				
		TT110	TT120	TT130	TT135	TT220	TT225	TT230	TT235	TT310	TT415	TT420			TT10			l	d	t	r	d _i
	CDGT 040102 FR					✱												4.03	3.97	1.0	0.2	2.1
	CDGT 040102 FL					✱												4.03	3.97	1.0	0.2	2.1
	CDGT 040104 FR					✱												4.03	3.97	1.0	0.4	2.1
	CDGT 040104 FL					✱												4.03	3.97	1.0	0.4	2.1
	CDGT 040101 AL														✱			4.03	3.97	1.0	0.1	2.1
	CDGT 040102 AL														✱			4.03	3.97	1.0	0.2	2.1
	CDGT 040104 AL														✱			4.03	3.97	1.0	0.4	2.1
	CPMT 05T102 MM					✱												5.6	5.6	1.98	0.2	2.5
	CPMT 05T104 MM					✱												5.6	5.6	1.98	0.4	2.5
	CPMT 05T102 MX			✱														5.6	5.6	1.98	0.2	2.5
	CPMT 05T104 MX			✱														5.6	5.6	1.98	0.4	2.5
	CPGT 05T102 AL														✱			5.6	5.6	1.98	0.2	2.5
	CPGT 05T104 AL														✱			5.6	5.6	1.98	0.4	2.5
	VCMT 070202 MX					✱												6.92	3.97	2.38	0.2	2.2
	VCMT 070204 MX					✱												6.92	3.97	2.38	0.4	2.2
	VCGT 070201 AL														✱			6.92	3.97	2.38	0.1	2.2
	VCGT 070202 AL														✱			6.92	3.97	2.38	0.2	2.2
	VCGT 070204 AL														✱			6.92	3.97	2.38	0.4	2.2

