

K15



KS TOOLS

**KS TOOLS®**

Innovare è
la nostra missione!

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UTENSILI ANTISCINTILLA

Antideflagranti secondo **ATEX** = **AT**mosphere **EX**plosible

ATEX 137 (118), indicata anche come Direttiva 99/92/CE, si riferisce alla sicurezza delle persone in fase di installazione, funzionamento e manutenzione di impianti a rischio di esplosione.

Dal 1 Luglio 2003 è obbligatorio l'utilizzo di mezzi di produzione conformi a tale direttiva.

Classificazione delle zone in base ai rischi di splosione

ATEX Probabilità	alta	medio-bassa	molto bassa
Gas	ZONA 0 è un'area in cui vi è presenza sempre o per lunghi periodi o frequentemente di un'atmosfera esplosiva consistente in una miscela di aria e di sostanze infiammabili sotto forma di gas, vapore o nebbia. „Frequentemente“ significa „per la maggior parte del tempo“, il che indica una determinata area rientra nella Zona 0 quando in un impianto sono presenti atmosfere esplosive per oltre il 50% del tempo di attività. In realtà, ciò si verifica solamente all'interno di tubi e contenitori/serbatoi.	ZONA 1 è un'area in cui è probabile che la formazione di un'atmosfera esplosiva, consistente in una miscela di aria e di sostanze infiammabili sotto forma di gas, vapori o nebbia, avvenga occasionalmente durante le normali attività. Se la presenza di un'atmosfera esplosiva supera la durata di circa 30 minuti all'anno o si verifica occasionalmente, ad esempio giornalmente, ma è inferiore al 50% del tempo di attività dell'impianto, l'area rientra in questa Zona 1.	ZONA 2 è un'area in cui durante le normali attività non è probabile la formazione di un'atmosfera esplosiva, consistente in una miscela di aria e di sostanze infiammabili sotto forma di gas, vapore o nebbia o, qualora si verifichi, sia unicamente di breve durata. Secondo numerosi esperti, il termine „breve durata“ corrisponde a circa 30 minuti annui. È stato inoltre affermato che le atmosfere esplosive non sono normalmente probabili durante le normali attività. Se una volta nel corso di un anno si rileva un'atmosfera esplosiva per una breve durata, l'area in questione deve essere classificata quale Zona 2.
Polveri	ZONA 20 è un'area in cui è presente in permanenza o per lunghi periodi di tempo o frequentemente un'atmosfera esplosiva sotto forma di nube di polvere combustibile nell'aria.	ZONA 21 è un'area in cui la formazione di un'atmosfera esplosiva sotto forma di nube di polvere combustibile nell'aria è probabile che avvenga occasionalmente durante le normali attività.	ZONA 22 è un'area in cui durante le normali attività non è probabile la formazione di un'atmosfera esplosiva sotto forma di nube di polvere combustibile o, qualora si verifichi, sia unicamente di breve durata.

Avvertenze sull'uso:

- Gli utensili antiscintilla sono meno resistenti di quelli tradizionali. È quindi opportuno prestare particolare cura e cautela durante il relativo impiego. È necessario evitare sollecitazioni eccessive.
- L'impiego esclusivo di utensili antiscintilla come misura di protezione in zone a rischio di incendio ed esplosione non è sufficiente. Per una protezione completa delle persone e delle strutture, è necessario osservare le disposizioni di sicurezza in vigore.

Manutenzione:

- Per la manutenzione degli utensili (ad esempio, affilatura), mettiamo a disposizione su richiesta le istruzioni tecniche.



BERYLLIUMplus					
Materiale	Be	Ni+Co	Impurità		
min. in %	1.8	0.2			Bilanciamento
max. in %	2.0	0.8	0.5		Cu
Proprietà tecniche					
Resistenza	800-940 Mp (il medio 850 Mp)				
Durezza	HRC35-42				
Peso specifico	8,5 (Valore medio)				
Proprietà magnetiche	1.0004				
Conducibilità elettrica	0,53079 S/m				
BRONZEplus					
Materiale	Al	Ni	Fe	Mn	
min. in %	9.0	4.0	4.0	0.8	Bilanciamento
max. in %	10.0	5.0	5.0	2.5	Cu
Proprietà tecniche					
Resistenza	700-740 Mp (il medio 725 Mp)				
Limite di snervamento	120 Mp				
Durezza	HRC25-32				
Peso specifico	7,5 (Valore medio)				
Proprietà magnetiche	1.348				
Conducibilità elettrica	0.42463 S/m				

Utensili antiscintilla - Linee

BRONZE *plus*

- Antiscintilla
- Antideflante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)

BERYLLIUM *plus*

- Antiscintilla
- Antideflante
- Resistente alla corrosione
- Infrangibile
- Rame-berillio (lega non ferrosa)



Campi d'impiego BERYLLIUMplus / BRONZEplus

- Industria chimica
- Petrochimica
- Approvvigionamento di gas e petrolio
- Oleodotti
- Piattaforme per trivellazioni sottomarine
- Serbatoi (pulizia ecc.)
- Centrali di produzione di gas ed elettricità
- Impianti di verniciatura
- Forze armate, esercito
- Protezione civile
- Vigili del fuoco

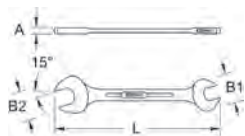
In ogni luogo in cui le scintille rappresentano un potenziale rischio di incendio o esplosione. Per attività che richiedono l'utilizzo di utensili completamente antimagnetici ed estremamente resistenti alla corrosione.



CHIAVI A FORCHETTA ANTISCINTILLA

Chiave a forchetta doppia **BRONZEplus**

- A norma DIN 895 / ISO 3318 / ISO 1085
- Bocche inclinate a 15°
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L mm	A mm	B1 mm	B2 mm	kg
963.7005	6x7	125,0	6,0	15,0	17,0	0,03
963.7006	6x8	125,0	6,0	15,0	17,0	0,03
963.7007	7x8	125,0	6,0	19,0	22,0	0,03
963.7008	7x9	125,0	6,0	19,0	22,0	0,04
963.7009	8x9	125,0	6,0	19,0	22,0	0,04
963.7010	8x10	125,0	6,0	19,0	22,0	0,06
963.7011	9x10	125,0	6,0	19,0	22,0	0,06
963.7012	9x11	140,0	7,0	22,0	27,0	0,09
963.7013	10x11	140,0	7,0	22,0	27,0	0,09
963.7014	10x12	140,0	7,0	22,0	27,0	0,06
963.7015	10x13	140,0	7,0	22,0	27,0	0,08
963.7016	10x14	160,0	7,5	27,0	30,0	0,18
963.7017	11x13	160,0	7,5	27,0	30,0	0,18
963.7018	11x14	160,0	7,5	27,0	30,0	0,18
963.7019	12x13	160,0	7,5	27,0	30,0	0,18
963.7020	12x14	160,0	7,5	27,0	30,0	0,17
963.7021	16x15	160,0	7,5	27,0	30,0	0,17
963.7022	14x15	200,0	8,0	30,0	36,0	0,11
963.7023	14x16	200,0	8,0	30,0	36,0	0,22
963.7024	14x17	200,0	8,0	30,0	36,0	0,22
963.7025	16x17	200,0	8,0	35,0	38,0	0,21
963.7026	16x18	200,0	8,0	35,0	38,0	0,21
963.7027	17x19	225,0	10,0	35,0	38,0	0,35
963.7028	17x22	225,0	10,0	39,0	44,0	0,32
963.7029	18x19	225,0	10,0	39,0	44,0	0,32
963.7030	18x20	225,0	10,0	39,0	44,0	0,31
963.7031	18x21	225,0	10,0	39,0	44,0	0,30
963.7032	19x22	240,0	11,0	39,0	44,0	0,44
963.7033	19x24	240,0	11,0	44,0	48,0	0,42
963.7034	20x22	240,0	11,0	44,0	48,0	0,44
963.7035	21x23	240,0	11,0	44,0	48,0	0,42
963.7036	22x24	240,0	11,0	44,0	48,0	0,42
963.7037	22x27	270,0	12,0	48,0	54,0	0,73
963.7038	23x26	270,0	12,0	48,0	54,0	0,73
963.7039	24x26	270,0	12,0	48,0	54,0	0,73
963.7040	24x27	270,0	12,0	48,0	54,0	0,73
963.7041	24x30	270,0	13,0	54,0	60,0	0,70
963.7042	25x28	270,0	13,0	54,0	60,0	0,70
963.7043	26x29	270,0	13,0	54,0	60,0	0,70
963.7044	27x29	300,0	13,0	54,0	60,0	0,81
963.7045	27x30	300,0	13,0	54,0	60,0	0,80
963.7046	27x32	300,0	14,0	59,0	62,0	0,80
963.7047	30x32	300,0	14,0	59,0	62,0	0,78
963.7048	30x34	320,0	16,0	70,0	75,0	1,24
963.7049	30x36	320,0	16,0	70,0	75,0	1,22
963.7050	32x34	320,0	16,0	70,0	75,0	1,20
963.7051	32x36	320,0	16,0	70,0	75,0	1,14
963.7052	34x36	320,0	16,0	70,0	75,0	1,10
963.7053	35x38	370,0	16,0	75,0	88,0	1,48
963.7054	36x41	370,0	16,0	75,0	88,0	1,48
963.7055	41x46	370,0	18,0	85,0	100,0	1,45
963.7056	46x50	390,0	19,0	95,0	105,0	1,40
963.7057	50x55	440,0	20,0	100,0	115,0	1,70
963.7058	50x60	440,0	22,0	110,0	125,0	1,70
963.7059	55x60	470,0	22,0	110,0	125,0	1,80
963.7060	60x65	470,0	22,0	125,0	135,0	1,80
963.7061	65x70	630,0	24,0	130,0	145,0	3,50
963.7062	70x80	630,0	24,0	140,0	155,0	3,40
963.7063	75x80	630,0	24,0	150,0	165,0	3,30

	mm	L mm	A mm	B1 mm	B2 mm	kg
963.7065	7/32x1/4"	125,0	6,0	15,0	17,0	0,03
963.7066	1/4x5/16"	125,0	6,0	15,0	17,0	0,03
963.7067	5/16x3/8"	125,0	6,0	19,0	22,0	0,06
963.7068	3/8x7/16"	140,0	7,0	22,0	27,0	0,09
963.7069	7/16x1/2"	140,0	7,0	22,0	27,0	0,04
963.7070	1/2x5/8"	160,0	7,5	27,0	30,0	0,17
963.7071	1/2x9/16"	160,0	7,5	27,0	30,0	0,17
963.7072	1/2x11/16"	200,0	8,0	30,0	36,0	0,22
963.7073	9/16x5/8"	200,0	8,0	30,0	36,0	0,22
963.7074	9/16x3/4"	200,0	8,0	30,0	38,0	0,22
963.7075	19/32x11/16"	200,0	8,0	35,0	38,0	0,22
963.7076	19/32x25/32"	200,0	8,0	35,0	38,0	0,22
963.7077	5/8x11/16"	200,0	8,0	35,0	38,0	0,20
963.7078	5/8x3/4"	225,0	10,0	39,0	44,0	0,31
963.7079	11/16x25/32"	225,0	10,0	39,0	44,0	0,30
963.7080	11/16x7/8"	225,0	10,0	39,0	44,0	0,30
963.7081	3/4x7/8"	225,0	10,0	39,0	44,0	0,30
963.7082	3/4x25/32"	225,0	10,0	39,0	44,0	0,30
963.7083	3/4x13/16"	225,0	10,0	39,0	44,0	0,31
963.7084	3/4x7/8"	225,0	10,0	39,0	44,0	0,31
963.7085	25/32x13/16"	225,0	10,0	39,0	44,0	0,30
963.7086	25/32x7/8"	225,0	10,0	39,0	44,0	0,30
963.7087	13/16x7/8"	225,0	10,0	39,0	44,0	0,30
963.7088	7/8x15/16"	225,0	10,0	39,0	44,0	0,30
963.7089	7/8x31/32"	240,0	10,0	44,0	48,0	0,40
963.7090	7/8x1"	240,0	10,0	44,0	48,0	0,40
963.7091	7/8x1.1/16"	270,0	12,0	48,0	54,0	0,72
963.7092	15/16x1"	270,0	12,0	48,0	54,0	0,72
963.7093	15/16x1.1/16"	270,0	12,0	48,0	54,0	0,72
963.7094	1x1.1/8"	270,0	12,0	48,0	54,0	0,70
963.7095	1x1.5/16"	300,0	14,0	59,0	62,0	0,75
963.7096	1.1/16x1.1/4"	300,0	14,0	59,0	62,0	0,75
963.7097	1.1/8x1.5/16"	300,0	14,0	59,0	62,0	0,75
963.7098	1.1/16x1.7/16"	320,0	16,0	70,0	75,0	1,22
963.7099	1.1/8x1.1/2"	320,0	16,0	70,0	75,0	1,15
963.7100	1.1/4x1.3/8"	320,0	16,0	70,0	75,0	1,15
963.7101	1.1/4x1.7/16"	320,0	16,0	70,0	75,0	1,15
963.7102	1.5/16x1.1/2"	370,0	16,0	75,0	88,0	1,48
963.7103	1.1/4x1.5/8"	370,0	16,0	75,0	88,0	1,40
963.7104	1.3/8x1.1/2"	370,0	16,0	75,0	88,0	1,40
963.7105	1.7/16x1.5/8"	370,0	16,0	75,0	88,0	1,40
963.7106	1.1/2x1.11/16"	370,0	16,0	75,0	88,0	1,40
963.7107	1.5/8x1.1/4"	370,0	16,0	75,0	88,0	1,40
963.7108	1.5/8x1.3/4"	370,0	16,0	75,0	88,0	1,35
963.7109	1.11/16x1.7/8"	370,0	18,0	85,0	100,0	1,35
963.7110	1.11/16x2"	390,0	19,0	95,0	105,0	1,70
963.7111	1.13/16x2"	390,0	19,0	95,0	105,0	1,70
963.7112	1.3/4x2.1/16"	390,0	19,0	95,0	105,0	1,70
963.7113	2x2.3/16"	440,0	20,0	100,0	115,0	1,70
963.7114	2x2.5/16"	440,0	20,0	100,0	115,0	1,70
963.7115	2.3/16x2.3/8"	470,0	22,0	110,0	125,0	1,80
963.7116	2.1/4x2.3/8"	470,0	22,0	110,0	125,0	1,80

Serie di chiavi a forchetta doppia **BRONZEplus**

- A norma DIN 895
- Bocche inclinate a 15°
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L mm	A mm	B1 mm	B2 mm	kg
963.7064	12pz.	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 30x32 mm				3,50
963.7117	8pz.	1/4x5/16 - 3/8x7/16 - 7/16x1/2 - 1/2x9/16 - 9/16x5/8 - 5/8x11/16 - 3/4x7/8 - 15/16x1"				1,70

BRONZEplus Chiavi a forchetta doppia

- Bocche piegate a 15° e 75°
- Misure chiavi uguali
- Teste piatte
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	A mm	B mm	L mm	kg
963.7118	4	6,0	12,0	70,0	30
963.7119	4,5	6,0	12,0	70,0	30
963.7120	5	6,0	15,0	78,0	30
963.7121	5,5	6,0	15,0	78,0	10
963.7122	6	6,0	15,0	78,0	10
963.7123	7	6,0	19,0	91,0	10
963.7124	8	6,0	19,0	96,0	50
963.7125	9	6,0	22,0	103,0	60
963.7126	10	6,0	22,0	105,0	20
963.7127	11	7,0	25,0	116,0	20
963.7128	12	7,0	25,0	116,0	80
963.7129	13	7,0	30,0	131,0	110
963.7130	14	8,0	30,0	131,0	110

BRONZEplus Serie di chiavi a forchetta doppia

- Bocche piegate a 15° e 75°
- Misure chiavi uguali
- Teste piatte
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	A mm	B mm	L mm	kg
963.7131	10pz.	5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12			180
		- 13 mm			

BRONZEplus Chiavi a forchetta doppia

- Bocca inclinata a 15°
- Teste piatte
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	A mm	B1 mm	B2 mm	L mm	kg
963.7132	3x3,5	5,0	9,0	12,0	50,0	20
963.7133	4x4,5	5,0	12,0	14,0	60,0	20
963.7134	5x5,5	6,0	12,0	14,0	70,0	20
963.7135	6x7	6,0	14,0	16,0	80,0	30
963.7136	8x9	6,0	17,0	20,0	90,0	10
963.7137	10x11	6,0	20,0	22,0	100,0	60

		A mm	B1 mm	B2 mm	L mm	
963.7138	5/32x3/16"	5,0	12,0	14,0	60,0	20
963.7139	3/16x7/32"	6,0	12,0	14,0	70,0	20
963.7140	1/4x9/32"	6,0	14,0	16,0	80,0	30
963.7141	1/4x5/16"	6,0	14,0	16,0	80,0	30
963.7142	5/16x11/32"	6,0	17,0	20,0	90,0	10
963.7143	5/16x3/8"	6,0	17,0	20,0	90,0	10
963.7144	5/16x13/32"	6,0	20,0	22,0	100,0	40
963.7145	3/8x7/16"	6,0	20,0	22,0	100,0	60

Chiave a forchetta BRONZEplus

- A norma DIN 894 / ISO 3380
- Bocca inclinata a 15°
- Antiscintilla
- Antideffa rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		A mm	B mm	L mm	
963.7146	6	6,0	21,0	90,0	0,05
963.7147	7	6,0	21,0	90,0	0,05
963.7148	8	6,0	21,0	90,0	0,05
963.7149	9	6,0	21,0	90,0	0,05
963.7150	10	7,0	28,0	100,0	0,06
963.7151	11	7,0	28,0	100,0	0,08
963.7152	12	7,0	33,0	140,0	0,07
963.7153	13	7,0	33,0	140,0	0,04
963.7154	14	8,0	40,0	165,0	0,08
963.7155	15	8,0	40,0	145,0	0,12
963.7156	16	8,0	40,0	165,0	0,07
963.7157	17	8,0	40,0	165,0	0,07
963.7158	18	8,0	40,0	165,0	0,07
963.7159	19	10,0	44,0	190,0	0,10
963.7160	20	10,0	44,0	190,0	0,14
963.7161	21	12,0	46,0	205,0	0,14
963.7162	22	12,0	46,0	205,0	0,13
963.7163	23	14,0	52,0	220,0	0,17
963.7164	24	14,0	52,0	220,0	0,17
963.7165	25	14,0	57,0	220,0	0,16
963.7166	26	14,0	57,0	220,0	0,16
963.7167	27	14,0	57,0	220,0	0,15
963.7168	28	15,0	63,0	250,0	0,27
963.7169	29	15,0	63,0	250,0	0,26
963.7170	30	15,0	63,0	250,0	0,25
963.7171	32	16,0	69,0	285,0	0,34
963.7172	33	16,0	69,0	285,0	0,34
963.7173	34	17,0	75,0	285,0	0,32
963.7174	35	17,0	75,0	285,0	0,32
963.7175	36	17,0	75,0	285,0	0,30
963.7176	37	17,0	75,0	285,0	0,30
963.7177	38	18,0	86,0	330,0	0,54
963.7178	41	18,0	86,0	330,0	0,52
963.7179	42	18,0	86,0	330,0	0,50
963.7180	46	21,0	95,0	360,0	0,65
963.7181	47	21,0	95,0	360,0	0,63
963.7182	50	22,0	105,0	440,0	1,10
963.7183	52	22,0	105,0	440,0	1,10
963.7184	54	23,0	117,0	440,0	1,05
963.7185	55	23,0	117,0	440,0	1,05
963.7186	56	23,0	117,0	440,0	1,00
963.7187	58	23,0	125,0	480,0	2,00
963.7188	60	23,0	125,0	480,0	1,95
963.7189	63	24,0	135,0	520,0	1,70
963.7190	65	24,0	135,0	520,0	1,70
963.7191	67	25,0	145,0	520,0	1,70
963.7192	70	25,0	145,0	540,0	1,90
963.7193	71	25,0	145,0	540,0	1,90
963.7194	75	25,0	155,0	540,0	1,80
963.7195	77	25,0	155,0	540,0	1,80
963.7196	80	27,0	165,0	630,0	2,90
963.7197	82	27,0	165,0	630,0	2,80
963.7198	85	29,0	175,0	680,0	3,40
963.7199	88	30,0	185,0	680,0	3,30
963.7200	90	30,0	185,0	680,0	3,20
963.7201	94	32,0	195,0	830,0	5,00
963.7202	95	32,0	195,0	830,0	4,80
963.7203	100	32,0	209,0	800,0	5,90
963.7204	105	33,0	210,0	850,0	8,90
963.7205	110	33,0	230,0	900,0	9,00
963.7206	115	33,0	240,0	950,0	9,30
963.7207	120	35,0	245,0	990,0	9,60
963.7208	125	35,0	250,0	1000,0	8,30
963.7209	130	35,0	270,0	1000,0	8,30
963.7210	135	35,0	275,0	1000,0	8,30

		A mm	B mm	L mm	
963.7211	1/4"	6,0	21,0	90,0	0,05
963.7212	5/16"	6,0	21,0	90,0	0,05
963.7213	11/32"	6,0	21,0	90,0	0,05
963.7214	3/8"	6,0	21,0	90,0	0,05
963.7215	13/32"	7,0	28,0	100,0	0,06
963.7216	7/16"	7,0	28,0	100,0	0,08
963.7217	1/2"	7,0	33,0	140,0	0,04
963.7218	9/16"	8,0	40,0	165,0	0,08
963.7219	19/32"	8,0	40,0	165,0	0,12
963.7220	5/8"	8,0	40,0	165,0	0,07
963.7221	11/16"	8,0	40,0	165,0	0,07
963.7222	3/4"	10,0	44,0	190,0	0,10
963.7223	25/32"	10,0	44,0	190,0	0,14
963.7224	13/16"	12,0	46,0	205,0	0,14
963.7225	7/8"	12,0	46,0	205,0	0,13
963.7226	15/16"	14,0	57,0	220,0	0,17
963.7227	31/32"	14,0	57,0	220,0	0,17
963.7228	1"	14,0	57,0	220,0	0,16
963.7229	1.1/16"	14,0	57,0	220,0	0,15
963.7230	1.1/8"	15,0	63,0	250,0	0,27
963.7231	1.3/16"	15,0	63,0	250,0	0,25
963.7232	1.1/4"	16,0	69,0	285,0	0,34
963.7233	1.5/16"	16,0	69,0	285,0	0,34
963.7234	1.3/8"	17,0	75,0	285,0	0,32
963.7235	1.7/16"	17,0	75,0	285,0	0,30
963.7236	1.1/2"	18,0	86,0	330,0	0,54
963.7237	1.9/16"	18,0	86,0	330,0	0,52
963.7238	1.5/8"	18,0	86,0	330,0	0,52
963.7239	1.11/16"	18,0	86,0	330,0	0,50
963.7240	1.3/4"	21,0	95,0	360,0	0,65
963.7241	1.13/16"	21,0	95,0	360,0	0,65
963.7242	1.7/8"	21,0	95,0	360,0	0,63
963.7243	2"	22,0	105,0	440,0	1,10
963.7244	2.1/16"	22,0	105,0	440,0	1,10
963.7245	2.1/8"	22,0	105,0	440,0	1,05
963.7246	2.3/16"	22,0	105,0	440,0	1,05
963.7247	2.1/4"	23,0	125,0	480,0	1,00
963.7248	2.5/16"	23,0	125,0	480,0	2,00
963.7249	2.3/8"	23,0	125,0	520,0	2,00
963.7250	2.7/16"	24,0	135,0	520,0	1,70
963.7251	2.1/2"	24,0	135,0	520,0	1,70
963.7252	2.9/16"	24,0	135,0	520,0	1,70
963.7253	2.5/8"	24,0	135,0	520,0	1,70
963.7254	2.3/4"	25,0	145,0	540,0	1,90
963.7255	2.13/16"	25,0	145,0	540,0	1,90
963.7256	2.15/16"	25,0	155,0	540,0	1,90
963.7257	3"	25,0	155,0	540,0	1,80
963.7258	3.1/8"	27,0	165,0	630,0	2,90
963.7259	3.1/4"	27,0	165,0	630,0	2,80
963.7260	3.3/8"	30,0	185,0	680,0	3,40
963.7261	3.1/2"	30,0	185,0	680,0	3,30
963.7262	3.5/8"	30,0	185,0	680,0	3,20
963.7263	3.3/4"	32,0	195,0	830,0	5,00
963.7264	3.7/8"	32,0	195,0	830,0	4,80



CHIAVI COMBinate ANTISCINTILLA

Chiave combinata BRONZEplus, inclinata

- Profilo Flank raction
- A norma DIN 3113 Forma A / ISO 3318 / ISO 7738
- Bocca inclinata a 15°
- Anello piegato a 15°
- Antiscintilla
- Antideffa rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		A1 mm	A2 mm	B1 mm	B2 mm	L mm	
963.7265	6	6,0	5,0	11,0	20,0	130,0	0,05
963.7266	7	6,0	5,0	11,0	20,0	130,0	0,03
963.7267	8	7,0	6,0	15,0	17,0	135,0	0,03
963.7268	9	7,0	6,0	18,0	22,0	150,0	0,05
963.7269	10	7,0	6,0	18,0	22,0	150,0	0,05
963.7270	11	7,0	6,0	18,0	22,0	150,0	0,09
963.7271	12	9,0	7,0	20,0	25,0	190,0	0,17
963.7272	13	10,0	7,0	22,0	32,0	190,0	0,10
963.7273	14	10,0	7,0	22,0	32,0	190,0	0,16
963.7274	15	11,0	8,0	27,0	34,0	210,0	0,23
963.7275	16	11,0	8,0	27,0	34,0	210,0	0,23
963.7276	17	11,0	8,0	27,0	34,0	210,0	0,22
963.7277	18	13,0	9,0	31,0	40,0	230,0	0,33
963.7278	19	13,0	9,0	31,0	40,0	230,0	0,33
963.7279	20	13,0	9,0	31,0	40,0	230,0	0,26
963.7280	21	14,0	9,0	36,0	43,0	250,0	0,36
963.7281	22	14,0	9,0	36,0	43,0	250,0	0,24
963.7282	23	14,0	9,0	36,0	43,0	250,0	0,35
963.7283	24	15,0	10,0	38,0	48,0	270,0	0,50
963.7284	25	15,0	10,0	38,0	48,0	270,0	0,45
963.7285	26	15,0	10,0	38,0	48,0	270,0	0,47
963.7286	27	17,0	13,0	43,0	55,0	280,0	0,43
963.7287	28	17,0	13,0	43,0	55,0	280,0	0,68
963.7288	29	17,0	13,0	43,0	55,0	280,0	0,63
963.7289	30	20,0	13,0	49,0	60,0	300,0	0,73
963.7290	32	22,0	14,0	53,0	64,0	300,0	0,65
963.7291	34	22,0	14,0	53,0	64,0	320,0	0,95
963.7292	36	22,0	14,0	54,0	72,0	330,0	0,93
963.7293	38	23,0	16,0	58,0	82,0	400,0	2,15
963.7294	41	24,0	16,0	61,0	87,0	410,0	2,00
963.7295	46	24,0	18,0	67,0	95,0	410,0	1,90
963.7296	50	27,0	18,0	75,0	100,0	540,0	3,40
963.7297	55	27,0	22,0	90,0	105,0	520,0	3,50
963.7298	60	32,0	27,0	92,0	125,0	515,0	3,30
963.7299	65	34,0	28,0	95,0	140,0	500,0	3,20
963.7300	70	35,0	28,0	100,0	145,0	510,0	3,80
963.7301	75	35,0	29,0	105,0	157,0	680,0	3,90
963.7302	80	36,0	29,0	112,0	165,0	680,0	4,00

		A1 mm	A2 mm	B1 mm	B2 mm	L mm	
963.7330	1.7/16"	22,0	14,0	55,0	72,0	330,0	0,84
963.7331	1.1/2"	22,0	14,0	55,0	72,0	330,0	0,84
963.7332	1.9/16"	24,0	18,0	67,0	95,0	410,0	2,00
963.7333	1.5/8"	24,0	18,0	67,0	95,0	410,0	2,00
963.7334	1.11/16"	24,0	18,0	67,0	95,0	410,0	2,00
963.7335	1.3/4"	24,0	18,0	67,0	95,0	410,0	1,90
963.7336	1.13/16"	24,0	18,0	67,0	95,0	410,0	1,90
963.7337	1.7/8"	27,0	20,0	78,0	100,0	435,0	1,60
963.7338	2"	27,0	20,0	78,0	100,0	435,0	1,60
963.7339	2.1/16"	27,0	20,0	78,0	100,0	435,0	1,60
963.7340	2.1/8"	27,0	22,0	90,0	105,0	455,0	2,00
963.7341	2.3/16"	27,0	22,0	90,0	105,0	455,0	2,00
963.7342	2.1/4"	30,0	25,0	92,0	110,0	475,0	2,50

Serie di chiavi combinate BRONZEplus, inclinate

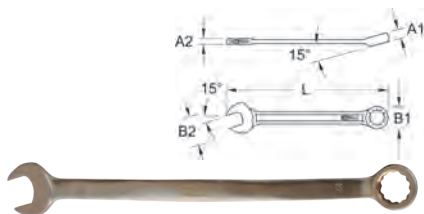
- Profilo Flank raction
- A norma DIN 3113 Form A / ISO 3318 / ISO 7738
- Bocca inclinata a 15°
- Anello piegato a 15°
- Antiscintilla
- Antidefla ranti
- Resistenti alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



			
963.7303	8pz.	8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm	1,20
963.7304	11pz.	8 - 10 - 11 - 12 - 13 - 14 - 16 - 17 - 18 - 19 - 22 mm	2,20
963.7305	12pz.	10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 - 24 - 27 - 30 - 32 mm	4,10
963.7306	26pz.	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 mm	8,45
963.7343	12pz.	1/4" - 5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 3/4" - 7/8" - 1" - 1.1/16" - 1.14"	3,30

Chiave combinata BRONZEplus, extra lunga

- Profilo Flank raction
- A norma DIN 3113 / ISO 3318
- Bocca inclinata a 15°
- Anello piegato a 15°
- Antiscintilla
- Antidefla rante
- Resistenti alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		A1 mm	A2 mm	B1 mm	B2 mm	L mm	
963.7344	10	10,0	7,0	17,0	28,0	190,0	0,07
963.7345	12	12,0	8,0	20,0	32,0	210,0	0,07
963.7346	13	12,0	8,0	22,0	34,0	225,0	0,09
963.7347	17	13,0	9,0	28,0	43,0	280,0	0,22
963.7348	19	13,0	9,0	30,0	47,0	310,0	0,20
963.7349	22	15,0	10,0	35,0	53,0	350,0	0,26
963.7350	24	16,0	10,0	38,0	57,0	400,0	0,37
963.7351	27	18,0	12,0	42,0	64,0	450,0	0,50
963.7352	30	20,0	13,0	46,0	68,0	480,0	0,90
963.7353	32	22,0	14,0	50,0	74,0	500,0	0,73
963.7354	36	24,0	16,0	56,0	83,0	550,0	1,20
963.7355	41	24,0	17,0	63,0	93,0	600,0	2,00
963.7356	46	25,0	19,0	73,0	99,0	640,0	2,80

Serie di chiavi combinate BRONZEplus, extra lunga

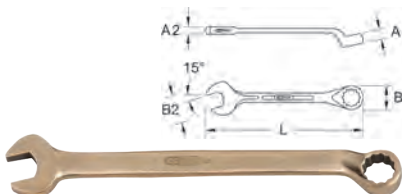
- Profilo Flank raction
- A norma DIN 3113 / ISO 3318
- Bocca inclinata a 15°
- Anello piegato a 15°
- Antiscintilla
- Antidefla ranti
- Resistenti alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



			
963.7357	6pz.	10 - 12 - 13 - 17 - 19 - 22 mm	1,50
963.7358	10pz.	10 - 12 - 13 - 17 - 19 - 22 - 24 - 27 - 30 - 32 mm	5,00

Chiave combinata BRONZEplus, piegata

- Profilo Flank raction
- Selon DIN 3113 forma B / ISO 3318 / ISO 7738
- Bocca inclinata a 15°
- Anello piegato a 70°
- Anello piegato a 10°
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		A1 mm	A2 mm	B1 mm	B2 mm	L mm	
963.7359	10	10,0	7,0	17,0	28,0	148,0	70
963.7360	12	12,0	8,0	20,0	32,0	168,0	100
963.7361	13	12,0	8,0	22,0	34,0	185,0	80
963.7362	17	13,0	9,0	28,0	43,0	232,0	140
963.7363	19	13,0	9,0	30,0	47,0	258,0	190
963.7364	22	15,0	10,0	35,0	53,0	292,0	300
963.7365	24	16,0	10,0	38,0	57,0	318,0	370
963.7366	27	18,0	12,0	42,0	64,0	352,0	500
963.7367	30	20,0	13,0	46,0	68,0	390,0	600
963.7368	32	22,0	14,0	50,0	74,0	412,0	780

Serie di chiavi combinate BRONZEplus, piegate

- Profilo Flank raction
- A norma DIN 3113 forma B / ISO 3318 / ISO 7738
- Bocca inclinata a 15°
- Anello piegato a 70°
- Anello piegato a 10°
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)

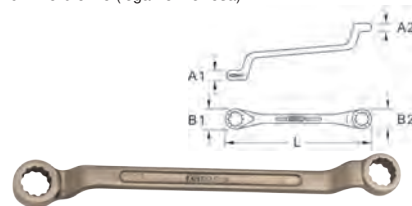


			
963.7369	6pz.	10 - 12 - 13 - 17 - 19 - 22 mm	1,30
963.7370	10pz.	10 - 12 - 13 - 17 - 19 - 22 - 24 - 27 - 30 - 32 mm	3,14

CHIAVI POLIGONALI ANTISCINTILLA

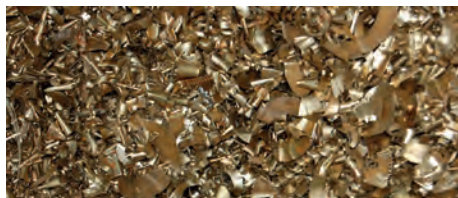
Chiave poligonale a due bocche BRONZEplus

- Profilo Flank raction
- A norma DIN 838 / ISO 1085 / ISO 10104 / ISO 3318
- Anelli piegati a 75°
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		A1 mm	A2 mm	B1 mm	B2 mm	L mm	
963.7371	6x7	6,0	6,0	12,0	14,0	170,0	0,04
963.7372	6x8	6,0	6,0	12,0	14,0	170,0	0,11
963.7373	7x8	6,0	6,0	12,0	14,0	170,0	0,10
963.7374	7x9	7,0	7,0	15,0	18,0	170,0	0,10
963.7375	8x9	7,0	7,0	15,0	18,0	170,0	0,10
963.7376	8x10	7,0	7,0	15,0	18,0	180,0	0,14
963.7377	9x10	7,0	7,0	15,0	18,0	180,0	0,09
963.7378	9x11	8,0	8,0	17,0	20,0	180,0	0,08
963.7379	10x11	8,0	8,0	17,0	20,0	180,0	0,08
963.7380	10x12	8,0	8,0	17,0	20,0	180,0	0,14
963.7381	10x13	9,0	9,0	20,0	23,0	195,0	0,11
963.7382	10x14	9,0	9,0	20,0	23,0	195,0	0,17
963.7383	11x13	9,0	9,0	20,0	23,0	195,0	0,19
963.7384	11x14	9,0	9,0	20,0	23,0	195,0	0,18
963.7385	12x13	9,0	9,0	20,0	23,0	195,0	0,18
963.7386	12x14	9,0	9,0	20,0	23,0	195,0	0,18
963.7387	13x14	9,0	9,0	20,0	23,0	195,0	0,15
963.7388	13x15	10,0	10,0	22,0	26,0	230,0	0,24
963.7389	13x16	10,0	10,0	22,0	26,0	230,0	0,24
963.7390	13x17	10,0	10,0	22,0	26,0	230,0	0,25
963.7391	14x15	10,0	10,0	22,0	26,0	230,0	0,25
963.7392	14x16	10,0	10,0	22,0	26,0	230,0	0,24
963.7393	14x17	10,0	10,0	22,0	26,0	230,0	0,23
963.7394	16x17	10,0	10,0	24,0	26,0	230,0	0,24
963.7395	16x18	12,0	12,0	26,0	30,0	280,0	0,42
963.7396	17x19	12,0	12,0	26,0	30,0	280,0	0,40
963.7397	17x22	12,0	13,0	26,0	35,0	280,0	0,38
963.7398	18x19	12,0	12,0	26,0	30,0	280,0	0,40
963.7399	18x20	13,0	13,0	30,0	35,0	280,0	0,39
963.7400	18x21	13,0	13,0	30,0	35,0	280,0	0,39
963.7401	19x22	13,0	13,0	30,0	35,0	280,0	0,37
963.7402	19x24	14,0	14,0	35,0	37,0	290,0	0,53
963.7403	20x22	13,0	13,0	30,0	35,0	280,0	0,38
963.7404	21x23	14,0	14,0	35,0	37,0	290,0	0,51
963.7405	21x24	14,0	14,0	35,0	37,0	300,0	0,51
963.7406	22x24	14,0	14,0	35,0	37,0	300,0	0,51
963.7407	22x27	15,0	15,0	38,0	42,0	330,0	0,65
963.7408	23x26	15,0	15,0	38,0	42,0	330,0	0,67
963.7409	24x26	15,0	15,0	38,0	42,0	330,0	0,68
963.7410	24x27	15,0	15,0	38,0	42,0	330,0	0,67
963.7411	24x30	15,0	15,0	42,0	47,0	370,0	0,93
963.7412	25x28	15,0	15,0	38,0	42,0	330,0	0,66
963.7413	26x29	15,0	15,0	42,0	47,0	370,0	1,00
963.7414	27x29	15,0	15,0	42,0	47,0	370,0	1,00
963.7415	27x30	15,0	15,0	42,0	47,0	370,0	0,90
963.7416	27x32	16,0	16,0	46,0	50,0	370,0	0,90
963.7417	30x32	16,0	16,0	46,0	50,0	370,0	0,86
963.7418	30x34	18,0	18,0	52,0	54,0	430,0	0,85
963.7419	30x36	18,0	18,0	52,0	54,0	430,0	1,30
963.7420	32x34	18,0	18,0	52,0	54,0	430,0	1,30
963.7421	32x36	18,0	18,0	52,0	54,0	430,0	1,30
963.7422	34x36	18,0	18,0	52,0	54,0	430,0	1,25
963.7423	35x38	18,0	18,0	54,0	56,0	450,0	1,40
963.7424	36x38	18,0	18,0	54,0	56,0	450,0	1,45
963.7425	36x41	20,0	20,0	56,0	62,0	450,0	1,45
963.7426	38x42	20,0	20,0	54,0	62,0	450,0	1,45
963.7427	41x46	20,0	20,0	63,0	68,0	460,0	1,80
963.7428	46x50	24,0	24,0	69,0	74,0	480,0	2,10
963.7429	50x55	23,0	23,0	72,0	83,0	540,0	3,00
963.7430	50x60	23,0	23,0	72,0	90,0	540,0	2,80
963.7431	55x60	24,0	24,0	80,0	90,0	540,0	2,80
963.7432	60x65	25,0	25,0	90,0	98,0	690,0	4,20
963.7433	65x70	25,0	25,0	98,0	105,0	690,0	4,20
963.7434	70x80	27,0	27,0	105,0	115,0	770,0	6,00
963.7435	75x80	27,0	27,0	110,0	115,0	790,0	6,60
963.7436	85x90	30,0	30,0	115,0	120,0	800,0	7,00

		A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
963.7438	1/4x5/16"	6,0	6,0	12,0	14,0	170,0	0,11
963.7439	5/16x3/8"	6,0	6,0	12,0	14,0	170,0	0,10
963.7440	3/8x7/16"	8,0	8,0	17,0	20,0	180,0	0,08
963.7441	7/16x1/2"	9,0	9,0	20,0	23,0	195,0	0,19
963.7442	1/2x9/16"	9,0	9,0	20,0	23,0	195,0	0,15
963.7443	1/2x19/32"	10,0	10,0	22,0	26,0	230,0	0,24
963.7444	9/16x5/8"	10,0	10,0	22,0	26,0	230,0	0,25
963.7445	19/32x11/16"	10,0	10,0	22,0	26,0	230,0	0,23
963.7446	5/8x11/16"	10,0	10,0	22,0	26,0	230,0	0,24
963.7447	5/8x3/4"	12,0	12,0	26,0	30,0	280,0	0,40
963.7448	11/16x3/4"	12,0	12,0	26,0	30,0	280,0	0,40
963.7449	11/16x25/32"	12,0	12,0	26,0	30,0	280,0	0,38
963.7450	3/4x25/32"	12,0	12,0	26,0	30,0	280,0	0,36
963.7451	3/4x7/8"	12,0	12,0	26,0	30,0	280,0	0,37
963.7452	13/16x7/8"	12,0	12,0	26,0	30,0	280,0	0,38
963.7453	25/32x13/16"	12,0	12,0	26,0	30,0	280,0	0,35
963.7454	7/8x15/16"	14,0	14,0	35,0	37,0	300,0	0,51
963.7455	7/8x1"	14,0	14,0	35,0	37,0	300,0	0,50
963.7456	7/8x1.1/16"	15,0	15,0	38,0	42,0	330,0	0,65
963.7457	15/16x1"	15,0	15,0	38,0	42,0	330,0	0,67
963.7458	1x1.1/8"	15,0	15,0	38,0	42,0	330,0	0,66
963.7459	1.1/16x1.1/8"	15,0	15,0	42,0	47,0	370,0	1,00
963.7460	1.1/16x1.1/4"	15,0	15,0	42,0	47,0	370,0	0,90
963.7461	1.1/8x1.5/16"	15,0	15,0	42,0	47,0	370,0	0,88
963.7462	1.3/16x1.5/16"	18,0	18,0	52,0	54,0	430,0	0,85
963.7463	1.1/4x1.5/16"	18,0	18,0	52,0	54,0	430,0	1,20
963.7464	1.1/4x1.3/8"	18,0	18,0	52,0	54,0	430,0	1,30
963.7465	1.1/4x1.7/16"	18,0	18,0	52,0	54,0	430,0	1,30
963.7466	1.5/16x1.1/2"	18,0	18,0	52,0	54,0	430,0	1,20
963.7467	1.3/8x1.1/2"	18,0	18,0	54,0	56,0	450,0	1,40
963.7468	1.7/16x1.5/8"	18,0	18,0	54,0	56,0	450,0	1,45
963.7469	1.5/8x1.13/16"	20,0	20,0	63,0	68,0	460,0	1,80
963.7470	1.11/16x1.7/8"	20,0	20,0	63,0	68,0	460,0	1,80
963.7471	1.13/16x2"	24,0	24,0	69,0	74,0	480,0	2,10
963.7472	1.3/4x2.1/16"	24,0	24,0	69,0	74,0	480,0	2,00
963.7473	2x2.3/16"	24,0	24,0	80,0	90,0	540,0	3,00
963.7474	2 x2.3/8"	24,0	24,0	80,0	90,0	540,0	2,80
963.7475	2.3/16x2.3/8"	24,0	24,0	80,0	90,0	540,0	2,80
963.7476	2.1/4x2.7/16"	24,0	24,0	80,0	90,0	540,0	2,70



Serie di chiavi poligonali a due bocche BRONZEplus

- Profilo Flank raction
- A norma DIN 838 / ISO 1085 / ISO 10104 / ISO 3318
- Anelli piegati a 75°
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



			kg
963.7437	12pz.	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm	4,10
963.7477	8pz.	1/4"x5/16" - 3/8"x7/16" - 7/16"x1/2" - 1/2"x9/16" - 9/16"x5/8" - 8/5"x11/16" - 3/4"x7/8" - 15/16x1"	2,10

Chiave poligonale a due bocche BRONZEplus, dritta

- Profilo Flank raction
- A norma DIN 838
- Forma dritta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



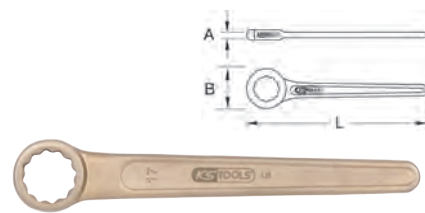
		A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
963.7478	6x7	6,0	6,0	12,0	14,0	100,0	0,04
963.7479	8x9	7,0	7,0	15,0	18,0	115,0	0,06
963.7480	8x10	7,0	7,0	15,0	18,0	120,0	0,02
963.7481	9x11	8,0	8,0	17,0	20,0	125,0	0,07
963.7482	10x11	8,0	8,0	17,0	20,0	130,0	0,07
963.7483	10x13	9,0	9,0	20,0	23,0	130,0	0,10
963.7484	12x13	9,0	9,0	20,0	23,0	140,0	0,04
963.7485	12x14	9,0	9,0	20,0	23,0	140,0	0,09
963.7486	13x14	9,0	9,0	20,0	23,0	140,0	0,09
963.7487	13x15	9,0	9,0	20,0	23,0	140,0	0,14
963.7488	13x17	10,0	10,0	22,0	26,0	155,0	0,05
963.7489	14x15	10,0	10,0	22,0	26,0	155,0	0,14
963.7490	14x17	10,0	10,0	22,0	26,0	155,0	0,05
963.7491	16x17	12,0	12,0	26,0	30,0	170,0	0,07
963.7492	16x18	12,0	12,0	26,0	30,0	170,0	0,17
963.7493	17x19	12,0	12,0	26,0	30,0	190,0	0,08
963.7494	18x19	12,0	12,0	26,0	30,0	190,0	0,08
963.7495	19x22	14,0	14,0	35,0	37,0	200,0	0,12
963.7496	19x24	14,0	14,0	35,0	37,0	200,0	0,12
963.7497	20x22	14,0	14,0	35,0	37,0	200,0	0,12
963.7498	21x23	14,0	14,0	35,0	37,0	200,0	0,12
963.7499	22x24	14,0	14,0	35,0	37,0	200,0	0,12
963.7500	24x26	15,0	15,0	38,0	42,0	210,0	0,38
963.7501	24x27	15,0	15,0	38,0	42,0	210,0	0,13
963.7502	24x30	16,0	16,0	42,0	47,0	255,0	0,65
963.7503	25x28	16,0	16,0	42,0	47,0	255,0	0,20
963.7504	26x28	16,0	16,0	42,0	47,0	255,0	0,19
963.7505	27x29	16,0	16,0	42,0	47,0	255,0	0,64
963.7506	27x32	16,0	16,0	46,0	50,0	265,0	0,70
963.7507	30x32	16,0	16,0	46,0	50,0	265,0	0,65
963.7508	30x36	18,0	18,0	52,0	54,0	285,0	0,80
963.7509	32x36	18,0	18,0	52,0	54,0	285,0	0,78
963.7510	36x41	20,0	20,0	54,0	64,0	460,0	0,33
963.7511	41x46	21,0	21,0	63,0	68,0	432,0	0,81
963.7512	46x50	24,0	24,0	69,0	74,0	477,0	1,04

		A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
963.7513	1/4"x5/16"	6,0	6,0	12,0	14,0	100,0	40
963.7514	5/16"x3/8"	7,0	7,0	15,0	18,0	115,0	60
963.7515	3/8"x7/16"	8,0	8,0	17,0	20,0	125,0	70
963.7516	7/16"x9/16"	9,0	9,0	20,0	23,0	140,0	90
963.7517	1/2"x5/8"	10,0	10,0	22,0	26,0	155,0	50
963.7518	1/2"x19/32"	9,0	9,0	20,0	23,0	140,0	90
963.7519	9/16"x11/16"	10,0	10,0	22,0	26,0	155,0	50
963.7520	5/8"x25/32"	12,0	12,0	26,0	30,0	190,0	80
963.7521	11/16"x3/4"	12,0	12,0	26,0	30,0	190,0	80
963.7522	3/4"x7/8"	14,0	14,0	35,0	37,0	200,0	120
963.7523	13/16"x15/16"	14,0	14,0	35,0	37,0	200,0	120
963.7524	15/16"x1.1/16"	15,0	15,0	38,0	42,0	210,0	130
963.7525	1"x1.1/8"	16,0	16,0	42,0	47,0	255,0	200
963.7526	1.3/16"x1.1/4"	16,0	16,0	46,0	50,0	265,0	650



BRONZEplus Chiave poligonale, dritta

- Profilo Flank raction
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		A mm	B mm	L mm	kg
963.7527	14	10,5	24,0	140,0	0,13
963.7528	15	10,5	24,0	140,0	0,13
963.7529	16	11,5	29,0	155,0	0,15
963.7530	17	11,5	29,0	155,0	0,15
963.7531	18	12,0	30,0	170,0	0,25
963.7532	19	12,0	30,0	170,0	0,28
963.7533	20	13,5	35,0	190,0	0,28
963.7534	21	13,5	35,0	190,0	0,30
963.7535	22	13,5	35,0	190,0	0,30
963.7536	23	14,5	38,0	215,0	0,30
963.7537	24	14,5	38,0	215,0	0,40
963.7538	25	16,0	42,0	230,0	0,43
963.7539	26	16,0	42,0	230,0	0,45
963.7540	27	16,0	42,0	230,0	0,50
963.7541	28	17,0	48,0	265,0	0,52
963.7542	29	17,0	48,0	265,0	0,51
963.7543	30	17,0	48,0	265,0	0,50
963.7544	32	17,0	51,0	265,0	0,45
963.7545	33	17,0	51,0	265,0	0,43
963.7546	34	17,5	51,0	290,0	0,67
963.7547	35	17,5	51,0	290,0	0,66
963.7548	36	17,5	55,0	290,0	0,65
963.7549	37	21,0	65,0	325,0	0,90
963.7550	38	21,0	65,0	325,0	0,90
963.7551	41	21,0	65,0	325,0	0,90
963.7552	42	21,0	65,0	325,0	0,90
963.7553	46	23,0	72,0	365,0	1,10
963.7554	47	23,0	72,0	365,0	1,10
963.7555	50	24,5	79,0	400,0	1,40
963.7556	52	26,0	87,0	430,0	1,80
963.7557	54	26,0	87,0	430,0	1,70
963.7558	55	26,5	87,0	445,0	1,65
963.7559	56	27,5	93,0	465,0	1,80
963.7560	58	27,5	93,0	465,0	1,80
963.7561	60	27,5	93,0	465,0	2,00
963.7562	63	29,0	100,0	500,0	2,30
963.7563	65	29,0	100,0	500,0	2,10
963.7564	67	29,0	100,0	500,0	2,00
963.7565	70	30,0	107,0	550,0	3,00
963.7566	71	30,0	107,0	550,0	2,80
963.7567	75	32,0	115,0	620,0	5,00
963.7568	77	32,0	115,0	620,0	5,00
963.7569	80	32,0	125,0	620,0	4,50
963.7570	82	32,0	125,0	620,0	4,30
963.7571	85	35,0	130,0	650,0	5,00
963.7572	88	37,0	138,0	650,0	4,80
963.7573	90	37,0	138,0	650,0	4,20
963.7574	94	39,0	145,0	700,0	5,20
963.7575	95	39,0	145,0	700,0	5,20

		A mm	B mm	L mm	
963.7576	1/2"	10,5	24,0	140,0	0,13
963.7577	9/16"	10,5	24,0	140,0	0,13
963.7578	19/32"	10,5	24,0	140,0	0,13
963.7579	5/8"	11,5	29,0	155,0	0,15
963.7580	11/16"	11,5	29,0	155,0	0,15
963.7581	3/4"	12,0	30,0	170,0	0,28
963.7582	25/32"	13,5	35,0	190,0	0,28
963.7583	13/16"	13,5	35,0	190,0	0,30
963.7584	7/8"	13,5	35,0	190,0	0,30
963.7585	15/16"	14,5	38,0	215,0	0,40
963.7586	31/32"	14,5	38,0	215,0	0,43
963.7587	1"	16,0	42,0	230,0	0,43
963.7588	1.1/16"	16,0	42,0	230,0	0,50
963.7589	1.1/8"	17,0	48,0	265,0	0,52
963.7590	1.3/16"	17,0	48,0	265,0	0,50
963.7591	1.1/4"	17,0	51,0	265,0	0,45
963.7592	1.5/16"	17,0	51,0	265,0	0,43

		A mm	B mm	L mm	
963.7593	1.3/8"	17,5	51,0	290,0	0,66
963.7594	1.7/16"	21,0	65,0	325,0	0,90
963.7595	1.1/2"	21,0	65,0	325,0	0,90
963.7596	1.9/16"	21,0	65,0	325,0	0,85
963.7597	1.5/8"	21,0	65,0	325,0	0,90
963.7598	1.11/16"	21,0	65,0	325,0	0,85
963.7599	1.3/4"	23,0	72,0	365,0	1,20
963.7600	1.13/19"	23,0	72,0	365,0	1,10
963.7601	1.7/8"	23,0	72,0	365,0	1,10
963.7602	2"	24,5	79,0	400,0	1,40
963.7603	2.1/16"	26,0	87,0	430,0	1,80
963.7604	2.1/8"	26,0	87,0	430,0	1,70
963.7605	2.3/16"	26,5	87,0	445,0	1,65
963.7606	2.1/4"	27,5	93,0	465,0	1,80
963.7607	2.5/16"	27,5	93,0	465,0	1,80
963.7608	2.3/8"	27,5	93,0	465,0	2,00
963.7609	2.7/16"	29,0	100,0	500,0	2,10
963.7610	2.1/2"	29,0	100,0	500,0	2,00
963.7611	2.9/16"	29,0	100,0	500,0	2,10
963.7612	2.3/4"	30,0	107,0	550,0	3,00
963.7613	2.15/16"	32,0	115,0	620,0	5,00
963.7614	3"	32,0	115,0	620,0	5,00
963.7615	3.1/8"	32,0	115,0	620,0	4,50
963.7616	3.3/8"	35,0	130,0	650,0	5,00
963.7617	3.1/2"	37,0	138,0	650,0	4,80
963.7618	3.3/4"	39,0	145,0	700,0	5,20

CHIAVI A BATTERE ANTISCINTILLA

Chiave a forchetta semplice a percussione BRONZEplus

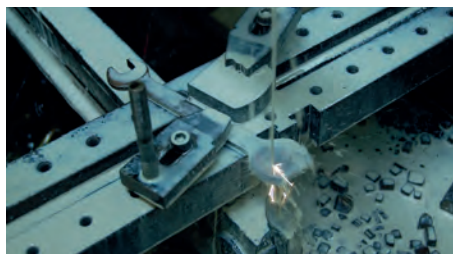
- A norma DIN 133
- Bocca inclinata a 15°
- A percussione
- Per lavorazioni particolarmente pesanti
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		A mm	B mm	L mm	
963.7619	14	11,0	30,0	180,0	0,35
963.7620	17	11,0	36,0	125,0	0,12
963.7621	19	12,0	40,0	120,0	0,16
963.7622	22	13,0	44,0	135,0	0,15
963.7623	24	14,0	46,0	150,0	0,20
963.7624	27	16,0	55,0	180,0	0,38
963.7625	28	16,0	55,0	180,0	0,37
963.7626	29	17,0	63,0	190,0	0,36
963.7627	30	17,0	63,0	190,0	0,35
963.7628	32	17,0	64,0	210,0	0,68
963.7629	33	19,0	70,0	210,0	0,67
963.7630	34	19,0	70,0	210,0	0,66
963.7631	35	20,0	75,0	210,0	0,65
963.7632	36	20,0	75,0	210,0	0,64
963.7633	38	21,0	80,0	210,0	0,63
963.7634	41	21,0	85,0	220,0	0,79
963.7635	42	21,0	85,0	220,0	0,75
963.7636	46	22,0	97,0	250,0	1,15
963.7637	47	22,0	97,0	255,0	1,20
963.7638	50	23,0	105,0	275,0	1,35
963.7639	52	23,0	105,0	275,0	1,50
963.7640	54	25,0	115,0	300,0	1,90
963.7641	55	25,0	115,0	290,0	1,60
963.7642	56	25,0	125,0	290,0	1,55
963.7643	58	25,0	125,0	290,0	1,50
963.7644	60	26,0	125,0	320,0	2,60
963.7645	63	27,0	135,0	330,0	3,00
963.7646	65	27,0	135,0	330,0	3,00
963.7647	67	28,0	135,0	380,0	4,20
963.7648	70	28,0	135,0	380,0	3,80
963.7649	71	28,0	135,0	380,0	3,70
963.7650	75	30,0	155,0	380,0	3,60

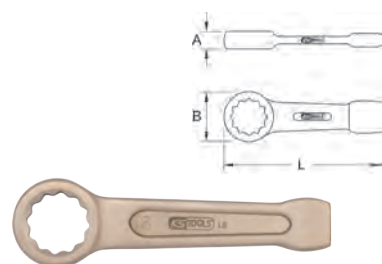
		A mm	B mm	L mm	
963.7651	77	30,0	155,0	380,0	5,00
963.7652	80	32,0	165,0	370,0	4,80
963.7653	82	32,0	165,0	370,0	4,70
963.7654	85	32,0	170,0	370,0	4,50
963.7655	88	34,0	185,0	430,0	7,20
963.7656	90	34,0	185,0	430,0	7,00
963.7657	94	36,0	200,0	430,0	6,90
963.7658	95	36,0	200,0	430,0	6,80
963.7659	100	38,0	215,0	470,0	9,50
963.7660	105	38,0	215,0	470,0	9,30
963.7661	110	40,0	235,0	510,0	14,10
963.7662	115	40,0	235,0	510,0	13,30
963.7663	120	42,0	250,0	545,0	16,40
963.7664	125	42,0	250,0	545,0	15,50
963.7665	130	45,0	270,0	575,0	19,80
963.7666	135	45,0	270,0	575,0	19,20
963.7667	140	45,0	282,0	575,0	19,00
963.7668	145	48,0	295,0	640,0	27,00
963.7669	150	48,0	302,0	640,0	26,80
963.7670	155	48,0	320,0	640,0	26,50
963.7671	160	48,0	320,0	640,0	26,30
963.7672	165	50,0	340,0	715,0	39,50
963.7673	170	50,0	340,0	715,0	38,50
963.7674	175	55,0	355,0	715,0	37,00
963.7675	180	55,0	367,0	715,0	36,00
963.7676	185	55,0	390,0	715,0	35,80
963.7677	190	55,0	390,0	715,0	38,50
963.7678	195	55,0	390,0	715,0	38,50
963.7679	200	55,0	400,0	715,0	38,00
963.7680	205	55,0	400,0	715,0	37,50
963.7681	210	55,0	410,0	715,0	37,00
963.7682	220	55,0	410,0	715,0	36,50
963.7683	230	55,0	410,0	715,0	36,50

		A mm	B mm	L mm	
963.7684	1"	14,0	46,0	150,0	0,20
963.7685	1.1/16"	16,0	55,0	180,0	0,38
963.7686	1.1/8"	16,0	55,0	180,0	0,37
963.7687	1.3/16"	17,0	63,0	190,0	0,35
963.7688	1.1/4"	17,0	64,0	210,0	0,68
963.7689	1.5/16"	19,0	70,0	210,0	0,67
963.7690	1.3/8"	19,0	70,0	210,0	0,65
963.7691	1.7/16"	20,0	75,0	210,0	0,64
963.7692	1.1/2"	20,0	75,0	210,0	0,63
963.7693	1.9/16"	21,0	85,0	220,0	0,75
963.7694	1.5/8"	21,0	85,0	220,0	0,79
963.7695	1.11/16"	21,0	85,0	220,0	0,75
963.7696	1.3/4"	22,0	97,0	250,0	1,10
963.7697	1.13/16"	22,0	97,0	250,0	1,15
963.7698	1.7/8"	22,0	97,0	255,0	1,20
963.7699	2"	23,0	105,0	275,0	1,35
963.7700	2.1/16"	23,0	105,0	275,0	1,50
963.7701	2.1/8"	25,0	115,0	300,0	1,90
963.7702	2.3/16"	25,0	115,0	290,0	1,60
963.7703	2.1/4"	25,0	115,0	290,0	1,50
963.7704	2.5/16"	25,0	115,0	290,0	1,50
963.7705	2.3/8"	26,0	125,0	320,0	2,60
963.7706	2.7/16"	27,0	135,0	330,0	3,00
963.7707	2.1/2"	27,0	135,0	330,0	3,00
963.7708	2.9/16"	27,0	135,0	330,0	3,00
963.7709	2.5/8"	28,0	155,0	380,0	4,20
963.7710	2.3/4"	28,0	155,0	380,0	3,80
963.7711	2.13/16"	28,0	155,0	380,0	3,70
963.7712	2.15/16"	30,0	155,0	380,0	3,50
963.7713	3"	30,0	155,0	380,0	4,00
963.7714	3.1/8"	32,0	165,0	370,0	4,80
963.7715	3.1/4"	32,0	165,0	370,0	4,70
963.7716	3.3/8"	32,0	165,0	370,0	4,50
963.7717	3.1/2"	34,0	185,0	430,0	7,20
963.7718	3.5/8"	34,0	185,0	430,0	7,00
963.7719	3.3/4"	36,0	200,0	430,0	6,80
963.7720	3.7/8"	36,0	200,0	430,0	6,60
963.7721	4"	37,0	210,0	470,0	9,50
963.7722	4.1/8"	37,0	210,0	470,0	9,50
963.7723	4.1/2"	40,0	235,0	510,0	13,30



Chiave poligonale semplice a percussione BRONZEplus

- Profilo Flank raction (poligonale)
- A norma DIN 7444
- A percussione
- Per lavorazioni particolarmente pesanti
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		A mm	B mm	L mm	
963.7724	17	15,0	38,0	150,0	0,40
963.7725	19	15,0	38,0	150,0	0,40
963.7726	22	15,0	38,0	150,0	0,35
963.7727	24	15,0	38,0	150,0	0,35
963.7728	27	18,0	45,0	190,0	0,60
963.7729	28	18,0	45,0	190,0	0,58
963.7730	29	19,0	50,0	190,0	0,56
963.7731	30	19,0	50,0	190,0	0,55
963.7732	32	19,0	53,0	190,0	0,58
963.7733	33	19,0	53,0	190,0	0,57
963.7734	34	21,0	58,0	210,0	0,68
963.7735	35	21,0	58,0	210,0	0,70
963.7736	36	21,0	58,0	210,0	0,69
963.7737	37	21,0	58,0	210,0	0,68
963.7738	38	21,0	63,0	230,0	1,10
963.7739	41	21,0	63,0	230,0	1,00
963.7740	42	21,0	63,0	230,0	1,00
963.7741	46	23,0	70,0	240,0	1,25
963.7742	47	23,0	70,0	240,0	1,27
963.7743	50	27,0	77,0	255,0	1,40
963.7744	52	27,0	77,0	255,0	1,40
963.7745	54	27,0	85,0	255,0	1,35
963.7746	55	27,0	85,0	255,0	1,34
963.7747	56	27,0	85,0	255,0	1,33
963.7748	57	27,0	85,0	255,0	1,30
963.7749	58	29,0	92,0	280,0	2,50
963.7750	60	29,0	92,0	280,0	2,40
963.7751	63	30,0	104,0	295,0	2,90
963.7752	65	30,0	104,0	295,0	2,80
963.7753	67	30,0	104,0	295,0	2,70
963.7754	70	33,0	110,0	320,0	3,40
963.7755	71	33,0	110,0	320,0	3,30
963.7756	75	35,0	115,0	320,0	3,20
963.7757	76	35,0	115,0	320,0	3,10
963.7758	77	35,0	115,0	320,0	3,00
963.7759	80	37,0	120,0	355,0	3,60
963.7760	82	37,0	120,0	355,0	3,50
963.7761	85	42,0	125,0	365,0	5,00
963.7762	88	44,0	135,0	360,0	4,80
963.7763	90	44,0	135,0	360,0	4,60
963.7764	94	45,0	145,0	360,0	4,50
963.7765	95	45,0	145,0	360,0	4,40
963.7766	100	46,0	150,0	360,0	4,20
963.7767	105	46,0	150,0	360,0	3,90
963.7768	110	47,0	165,0	450,0	8,60
963.7769	115	47,0	165,0	450,0	8,10
963.7770	120	48,0	182,0	480,0	9,70
963.7771	125	48,0	182,0	480,0	9,50
963.7772	128	50,0	196,0	520,0	13,20
963.7773	130	50,0	196,0	520,0	13,20
963.7774	135	50,0	196,0	520,0	12,90
963.7775	140	50,0	196,0	520,0	12,90
963.7776	145	52,0	220,0	580,0	19,00
963.7777	150	52,0	220,0	580,0	18,00
963.7778	155	52,0	220,0	580,0	17,20
963.7779	160	52,0	220,0	580,0	19,00
963.7780	165	54,0	245,0	650,0	28,00
963.7781	170	54,0	245,0	650,0	27,70
963.7782	175	54,0	245,0	650,0	27,00
963.7783	180	54,0	245,0	650,0	26,00
963.7784	185	56,0	270,0	700,0	32,70
963.7785	190	56,0	270,0	700,0	32,20
963.7786	195	56,0	270,0	700,0	31,80
963.7787	200	56,0	270,0	700,0	31,00

		A mm	B mm	L mm	
963.7788	11/16"	15,0	38,0	150,0	0,40
963.7789	3/4"	15,0	38,0	150,0	0,40
963.7790	25/32"	15,0	38,0	150,0	0,39
963.7791	13/16"	15,0	38,0	150,0	0,38
963.7792	7/8"	15,0	38,0	150,0	0,35
963.7793	15/16"	15,0	38,0	150,0	0,35
963.7794	1"	15,0	38,0	150,0	0,34
963.7795	1.1/16"	19,0	50,0	190,0	0,70
963.7796	1.1/8"	19,0	50,0	190,0	0,58
963.7797	1.1/4"	19,0	50,0	190,0	0,58
963.7798	1.3/16"	19,0	50,0	190,0	0,55
963.7799	1.5/16"	20,0	55,0	190,0	0,57
963.7800	1.3/8"	21,0	58,0	210,0	0,70
963.7801	1.7/16"	21,0	58,0	210,0	0,69
963.7802	1.1/2"	21,0	63,0	230,0	1,10
963.7803	1.9/16"	21,0	63,0	230,0	1,00
963.7804	1.5/8"	21,0	63,0	230,0	1,00
963.7805	1.11/16"	21,0	63,0	230,0	1,00
963.7806	1.3/4"	23,0	70,0	240,0	1,20
963.7807	1.13/16"	23,0	70,0	240,0	1,25
963.7808	1.7/8"	23,0	70,0	240,0	1,27
963.7809	2"	27,0	77,0	255,0	1,40
963.7810	2.1/16"	27,0	77,0	255,0	1,40
963.7811	2.1/8"	27,0	85,0	255,0	1,35
963.7812	2.3/16"	27,0	85,0	255,0	1,34
963.7813	2.1/4"	27,0	85,0	255,0	1,30
963.7814	2.5/16"	29,0	92,0	280,0	2,50
963.7815	2.3/8"	29,0	92,0	280,0	2,40
963.7816	2.7/16"	30,0	104,0	295,0	2,70
963.7817	2.1/2"	30,0	104,0	295,0	2,90
963.7818	2.9/16"	30,0	104,0	295,0	2,80
963.7819	2.5/8"	30,0	104,0	295,0	2,70
963.7820	2.3/4"	33,0	110,0	320,0	3,20
963.7821	2.13/16"	33,0	110,0	320,0	3,30
963.7822	2.7/8"	33,0	110,0	320,0	3,30
963.7823	2.15/16"	35,0	115,0	320,0	3,20
963.7824	3"	35,0	115,0	320,0	3,10
963.7825	3.1/8"	37,0	120,0	355,0	3,60
963.7826	3.1/4"	37,0	120,0	355,0	3,50
963.7827	3.3/8"	43,0	125,0	365,0	5,00
963.7828	3.1/2"	44,0	135,0	360,0	4,80
963.7829	3.5/8"	44,0	135,0	360,0	4,50
963.7830	3.3/4"	45,0	145,0	360,0	4,50
963.7831	3.7/8"	46,0	150,0	360,0	4,30
963.7832	4"	46,0	150,0	360,0	4,20
963.7833	4.1/8"	46,0	150,0	360,0	3,90
963.7834	4.1/2"	47,0	167,0	450,0	8,10

Chiave poligonale semplice a percussione BRONZEplus, piegata

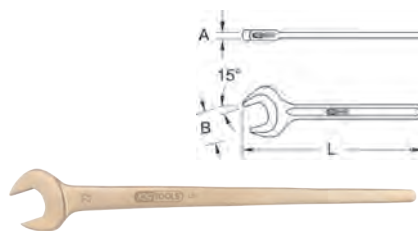
- Profilo Flank raction (poligonale)
- A norma DIN 7444
- Anello piegato a 75°
- A percussione
- Per lavorazioni particolarmente pesanti
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		A mm	B mm	H mm	L mm	
963.7835	27	17,0	42,0	45,0	245,0	1,10
963.7836	30	18,0	53,0	50,0	270,0	1,50
963.7837	32	18,0	55,0	50,0	270,0	1,50
963.7838	36	20,0	60,0	55,0	280,0	1,60
963.7839	41	22,0	67,0	60,0	310,0	2,10
963.7840	46	23,0	70,0	65,0	320,0	2,50
963.7841	50	27,0	77,0	65,0	320,0	2,50
963.7842	55	27,0	85,0	65,0	320,0	2,60
963.7843	60	29,0	92,0	70,0	355,0	3,20
963.7844	65	30,0	104,0	72,0	380,0	3,80
963.7845	70	33,0	110,0	75,0	400,0	4,60
963.7846	75	35,0	115,0	80,0	420,0	5,70
963.7847	80	37,0	120,0	85,0	440,0	6,60
963.7848	85	43,0	125,0	85,0	440,0	7,00
963.7849	90	44,0	135,0	85,0	440,0	9,30
963.7850	95	45,0	145,0	85,0	440,0	10,00
963.7851	100	46,0	150,0	90,0	440,0	11,70
963.7852	110	47,0	167,0	90,0	440,0	13,40
963.7853	115	47,0	167,0	90,0	440,0	14,50

BRONZEplus Chiave a forchetta 15°

- Bocca inclinata a 15°
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



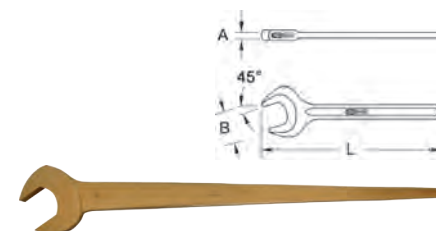
		A mm	B mm	L mm	
963.7854	22	10,5	48,0	320,0	0,45
963.7855	23	10,5	48,0	320,0	0,45
963.7856	24	11,0	52,0	350,0	0,60
963.7857	25	11,0	52,0	350,0	0,60
963.7858	26	11,5	60,0	380,0	0,85
963.7859	27	11,5	60,0	380,0	0,85
963.7860	28	12,0	65,0	420,0	1,00
963.7861	29	12,0	65,0	420,0	1,00
963.7862	30	12,0	65,0	420,0	1,00
963.7863	32	12,5	70,0	450,0	1,00
963.7864	33	12,5	70,0	450,0	1,00
963.7865	34	13,0	74,0	450,0	1,00
963.7866	35	13,5	80,0	500,0	1,40
963.7867	36	13,5	80,0	500,0	1,40
963.7868	37	13,5	80,0	500,0	1,40
963.7869	38	15,0	90,0	500,0	1,40
963.7870	41	15,0	90,0	550,0	1,80
963.7871	42	15,0	90,0	550,0	1,80
963.7872	46	16,0	100,0	600,0	2,50
963.7873	47	16,0	100,0	600,0	2,50
963.7874	50	17,0	110,0	660,0	3,20
963.7875	52	17,0	110,0	660,0	3,20
963.7876	54	18,0	120,0	660,0	4,40
963.7877	55	18,0	120,0	730,0	4,40
963.7878	56	18,0	120,0	730,0	4,40
963.7879	58	19,0	130,0	800,0	5,60
963.7880	60	19,0	130,0	800,0	5,60

		A mm	B mm	L mm	
963.7935	13/16"	10,5	48,0	320,0	0,45
963.7936	7/8"	10,5	48,0	320,0	0,45
963.7937	15/16"	11,0	52,0	350,0	0,60
963.7938	31/32"	11,0	52,0	350,0	0,60
963.7939	1"	11,5	60,0	380,0	0,60
963.7940	1.1/16"	11,5	60,0	380,0	0,85
963.7941	1.1/8"	12,0	65,0	420,0	1,00
963.7942	1.3/16"	12,0	65,0	420,0	1,00
963.7943	1.1/4"	12,0	65,0	420,0	1,00
963.7944	1.5/16"	12,5	70,0	450,0	1,00
963.7945	1.3/8"	12,5	70,0	450,0	1,40
963.7946	1.7/16"	13,5	80,0	450,0	1,40
963.7947	1.1/2"	15,0	90,0	500,0	1,40
963.7948	1.9/16"	15,0	90,0	500,0	1,80
963.7949	1.5/8"	15,0	90,0	500,0	1,80
963.7950	1.11/16"	15,0	90,0	500,0	1,80
963.7951	1.3/4"	16,0	100,0	550,0	2,50
963.7952	1.13/16"	16,0	100,0	550,0	2,50
963.7953	1.7/8"	16,0	100,0	600,0	2,50
963.7954	2"	17,0	110,0	600,0	3,20
963.7955	2.1/16"	17,0	110,0	660,0	3,20
963.7956	2.1/8"	18,0	120,0	660,0	4,40
963.7957	2.3/16"	18,0	120,0	660,0	4,40
963.7958	2.1/4"	19,0	130,0	730,0	4,40
963.7959	2.5/16"	19,0	130,0	730,0	5,60
963.7960	2.3/8"	19,0	130,0	800,0	5,60



BRONZEplus Chiave a forchetta 45°

- Bocca inclinata a 45°
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)

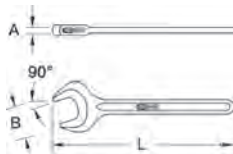


		A mm	B mm	L mm	
963.7881	22	10,5	48,0	320,0	0,45
963.7882	23	10,5	48,0	320,0	0,45
963.7883	24	11,0	52,0	350,0	0,60
963.7884	25	11,0	52,0	350,0	0,60
963.7885	26	11,5	60,0	380,0	0,85
963.7886	27	11,5	60,0	380,0	0,85
963.7887	28	12,0	65,0	420,0	1,00
963.7888	29	12,0	65,0	420,0	1,00
963.7889	30	12,0	65,0	420,0	1,00
963.7890	32	12,5	70,0	450,0	1,00
963.7891	33	12,5	70,0	450,0	1,00
963.7892	34	13,0	74,0	450,0	1,00
963.7893	35	13,5	80,0	500,0	1,40
963.7894	36	13,5	80,0	500,0	1,40
963.7895	37	13,5	80,0	500,0	1,40
963.7896	38	15,0	90,0	500,0	1,40
963.7897	41	15,0	90,0	550,0	1,80
963.7898	42	15,0	90,0	550,0	1,80
963.7899	46	16,0	100,0	600,0	2,50
963.7900	47	16,0	100,0	600,0	2,50
963.7901	50	17,0	110,0	660,0	3,20
963.7902	52	17,0	110,0	660,0	3,20
963.7903	54	18,0	120,0	660,0	4,40
963.7904	55	18,0	120,0	730,0	4,40
963.7905	56	18,0	120,0	730,0	4,40
963.7906	58	19,0	130,0	800,0	5,60
963.7907	60	19,0	130,0	800,0	5,60

		A mm	B mm	L mm	
963.7961	13/16"	10,5	48,0	320,0	0,45
963.7962	7/8"	10,5	48,0	320,0	0,45
963.7963	15/16"	11,0	52,0	350,0	0,60
963.7964	31/32"	11,0	52,0	350,0	0,60
963.7965	1"	11,5	60,0	380,0	0,60
963.7966	1.1/16"	11,5	60,0	380,0	0,85
963.7967	1.1/8"	12,0	65,0	420,0	1,00
963.7968	1.3/16"	12,0	65,0	420,0	1,00
963.7969	1.1/4"	12,0	65,0	420,0	1,00
963.7970	1.5/16"	12,5	70,0	450,0	1,00
963.7971	1.3/8"	12,5	70,0	450,0	1,40
963.7972	1.7/16"	13,5	80,0	450,0	1,40
963.7973	1.1/2"	15,0	90,0	500,0	1,40
963.7974	1.9/16"	15,0	90,0	500,0	1,80
963.7975	1.5/8"	15,0	90,0	500,0	1,80
963.7976	1.11/16"	15,0	90,0	500,0	1,80
963.7977	1.3/4"	16,0	100,0	550,0	2,50
963.7978	1.13/16"	16,0	100,0	550,0	2,50
963.7979	1.7/8"	16,0	100,0	600,0	2,50

BRONZEplus Chiave a forchetta 90°

- Bocca inclinata a 90°
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)

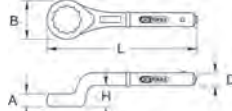


	mm	A mm	B mm	L mm	kg
963.7908	22	10,5	48,0	320,0	0,45
963.7909	23	10,5	48,0	320,0	0,45
963.7910	24	11,0	52,0	350,0	0,60
963.7911	25	11,0	52,0	350,0	0,60
963.7912	26	11,5	60,0	380,0	0,85
963.7913	27	11,5	60,0	380,0	0,85
963.7914	28	12,0	65,0	420,0	1,00
963.7915	29	12,0	65,0	420,0	1,00
963.7916	30	12,0	65,0	420,0	1,00
963.7917	32	12,5	70,0	450,0	1,00
963.7918	33	12,5	70,0	450,0	1,00
963.7919	34	13,0	74,0	450,0	1,00
963.7920	35	13,5	80,0	500,0	1,40
963.7921	36	13,5	80,0	500,0	1,40
963.7922	37	13,5	80,0	500,0	1,40
963.7923	38	15,0	90,0	500,0	1,40
963.7924	41	15,0	90,0	550,0	1,80
963.7925	42	15,0	90,0	550,0	1,80
963.7926	46	16,0	100,0	600,0	2,50
963.7927	47	16,0	100,0	600,0	2,50
963.7928	50	17,0	110,0	660,0	3,20
963.7929	52	17,0	110,0	660,0	3,20
963.7930	54	18,0	120,0	660,0	4,40
963.7931	55	18,0	120,0	730,0	4,40
963.7932	56	18,0	120,0	730,0	4,40
963.7933	58	19,0	130,0	800,0	5,60
963.7934	60	19,0	130,0	800,0	5,60

	mm	A mm	B mm	L mm	kg
963.7987	13/16"	10,5	48,0	320,0	0,45
963.7988	7/8"	10,5	48,0	320,0	0,45
963.7989	15/16"	11,0	52,0	350,0	0,60
963.7990	31/32"	11,0	52,0	350,0	0,60
963.7991	1"	11,5	60,0	380,0	0,60
963.7992	1.1/16"	11,5	60,0	380,0	0,85
963.7993	1.1/8"	12,0	65,0	420,0	1,00
963.7994	1.3/16"	12,0	65,0	420,0	1,00
963.7995	1.1/4"	12,0	65,0	420,0	1,00
963.7996	1.5/16"	12,5	70,0	450,0	1,00
963.7997	1.3/8"	12,5	70,0	450,0	1,40
963.7998	1.7/16"	13,5	80,0	450,0	1,40
963.7999	1.1/2"	15,0	90,0	500,0	1,40
963.8000	1.9/16"	15,0	90,0	500,0	1,80
963.8001	1.5/8"	15,0	90,0	500,0	1,80
963.8002	1.11/16"	15,0	90,0	500,0	1,80
963.8003	1.3/4"	16,0	100,0	550,0	2,50
963.8004	1.13/16"	16,0	100,0	550,0	2,50
963.8005	1.7/8"	16,0	100,0	600,0	2,50
963.8006	2"	17,0	110,0	600,0	3,20
963.8007	2.1/16"	17,0	110,0	660,0	3,20
963.8008	2.1/8"	18,0	120,0	660,0	4,40
963.8009	2.3/16"	18,0	120,0	660,0	4,40
963.8010	2.1/4"	19,0	130,0	730,0	4,40
963.8011	2.5/16"	19,0	130,0	730,0	5,60
963.8012	2.3/8"	19,0	130,0	800,0	5,60


Chiave poligonale semplice BRONZEplus, piegata

- Profilo Flank raction
- Anello piegato a 75°
- Con codolo per tubo d'innesto
- Con spina di sicurezza a molla
- Esecuzione robusta per alti momenti torcenti
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	A mm	B mm	D mm	H mm	L mm	kg
963.8013	22	19,0	36,0	15,5	31,0	260,0	1 0,96
963.8014	24	19,0	36,0	15,5	31,0	260,0	1 1,00
963.8015	27	19,0	40,0	15,5	31,0	260,0	1 0,96
963.8016	30	19,0	45,0	15,5	33,0	260,0	1 0,95
963.8017	32	19,5	48,0	21,7	33,0	260,0	1 0,94
963.8018	33	19,5	48,0	21,7	33,0	260,0	1 0,92
963.8019	34	20,0	53,0	21,7	35,0	260,0	1 0,91
963.8020	35	20,0	53,0	21,7	35,0	260,0	1 0,91
963.8021	36	20,0	53,0	21,7	35,0	260,0	1 0,91
963.8022	37	20,0	53,0	21,7	35,0	270,0	1 1,20
963.8023	38	21,0	59,0	21,7	40,0	270,0	1 1,90
963.8024	41	21,0	59,0	21,7	40,0	270,0	1 1,10
963.8025	42	21,0	59,0	21,7	40,0	270,0	1 1,10
963.8026	46	24,0	66,0	21,7	43,0	300,0	2 1,50
963.8027	47	24,0	66,0	21,7	43,0	300,0	2 1,50
963.8028	50	28,0	72,0	21,7	46,0	300,0	2 1,70
963.8029	52	28,0	72,0	21,7	46,0	350,0	2 2,60
963.8030	54	30,0	79,0	21,7	49,0	350,0	2 2,50
963.8031	55	30,0	79,0	21,7	49,0	300,0	2 1,90
963.8032	56	30,0	79,0	21,7	49,0	350,0	2 2,60
963.8033	58	36,0	86,0	21,7	57,0	350,0	2 2,50
963.8034	60	36,0	86,0	21,7	57,0	370,0	3 2,50
963.8035	63	36,0	86,0	21,7	57,0	370,0	3 2,50
963.8036	65	38,0	93,0	21,7	60,0	400,0	3 3,20
963.8037	67	38,0	93,0	21,7	60,0	400,0	3 3,10
963.8038	70	41,0	103,0	21,7	62,0	400,0	3 3,00
963.8039	71	41,0	103,0	21,7	62,0	400,0	3 2,80
963.8040	75	43,0	109,0	21,7	67,0	400,0	3 2,70
963.8041	77	43,0	109,0	21,7	67,0	400,0	3 2,60
963.8042	80	43,0	119,0	21,7	68,0	410,0	3 5,00
963.8043	82	43,0	119,0	21,7	68,0	410,0	3 5,00
963.8044	85	45,0	128,0	21,7	72,0	410,0	3 5,10
963.8045	90	45,0	135,0	21,7	72,0	410,0	3 5,01
963.8046	95	45,0	142,0	21,7	72,0	410,0	3 4,79
963.8047	100	45,0	150,0	21,7	75,0	412,0	3 7,55

	mm	A mm	B mm	D mm	H mm	L mm	kg
963.8051	1.3/16"	19,0	36,0	15,5	31,0	260,0	1 0,95
963.8052	1.1/4"	19,5	48,0	21,7	33,0	260,0	1 0,94
963.8053	1.5/16"	19,5	48,0	21,7	33,0	260,0	1 0,92
963.8054	1.3/8"	20,0	53,0	21,7	35,0	260,0	1 0,91
963.8055	1.7/16"	20,0	53,0	21,7	35,0	260,0	1 0,91
963.8056	1.1/2"	21,0	59,0	21,7	40,0	270,0	1 1,90
963.8057	1.9/16"	21,0	59,0	21,7	40,0	270,0	1 1,20
963.8058	1.5/8"	21,0	59,0	21,7	40,0	270,0	1 1,10
963.8059	1.11/16"	21,0	59,0	21,7	40,0	270,0	2 1,10
963.8060	1.3/4"	24,0	66,0	21,7	43,0	270,0	2 1,00
963.8061	1.13/16"	24,0	66,0	21,7	43,0	300,0	2 1,50
963.8062	1.7/8"	24,0	66,0	21,7	43,0	300,0	2 1,50
963.8063	2"	28,0	72,0	21,7	46,0	300,0	2 1,70
963.8064	2.1/16"	28,0	72,0	21,7	46,0	350,0	2 2,60
963.8065	2.1/8"	30,0	79,0	21,7	49,0	350,0	2 2,40
963.8066	2.3/16"	30,0	79,0	21,7	49,0	300,0	2 1,90
963.8067	2.1/4"	36,0	86,0	21,7	57,0	350,0	2 2,50
963.8068	2.5/16"	36,0	86,0	21,7	57,0	350,0	3 2,50
963.8069	2.3/8"	36,0	86,0	21,7	57,0	370,0	3 2,50
963.8070	2.7/16"	36,0	86,0	21,7	57,0	370,0	3 2,50
963.8071	2.1/2"	38,0	93,0	21,7	60,0	370,0	3 2,50
963.8072	2.9/16"	38,0	93,0	21,7	60,0	400,0	3 3,20
963.8073	2.5/8"	38,0	93,0	21,7	60,0	400,0	3 3,10
963.8074	2.3/4"	41,0	103,0	21,7	62,0	400,0	3 3,00

	mm	A mm	B mm	D mm	H mm	L mm	kg
963.8075	2.13/16"	41,0	103,0	21,7	62,0	400,0	3 2,80
963.8076	2.15/16"	43,0	109,0	21,7	67,0	400,0	3 2,70
963.8077	3"	43,0	109,0	21,7	67,0	400,0	3 2,50
963.8078	3.1/8"	43,0	119,0	21,7	68,0	410,0	3 4,90
963.8079	3.1/4"	43,0	119,0	21,7	68,0	410,0	3 5,00
963.8080	3.3/8"	45,0	128,0	21,7	72,0	410,0	3 5,10

Tubo d'innesto per chiave poligonale semplice BRONZEplus

- tre diverse dimensioni
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	D mm	L mm	#	kg
963.8048	22-42	1.3/16-1.5/8"	22,0	600,0	1 1,10
963.8049	46-58	1.11/16-2.1/4"	25,0	750,0	2 2,80
963.8050	60-100	2.5/16-3.3/8"	30,0	850,0	3 3,80

BRONZEplus Serie di chiavi poligonali

- Profilo Flank raction
- Anello piegato a 75°
- Con codolo per tubo d'innesto
- Con spina di sicurezza a molla
- Esecuzione robusta per alti momenti torcenti
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



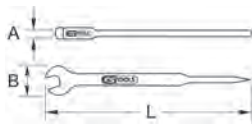
	mm	kg
963.8081	18pz. 24 - 27 - 30 - 32 - 36 - 41 - 46 - 50 - 55 - 60 - 65 - 70 - 75 - 80 - 85 mm	40,20
15 x	24 - 27 - 30 - 32 - 36 - 41 - 46 - 50 - 55 - 60 - 65 - 70 - 75 - 80 - 85 mm	
3 x	22-42 - 46-58 - 60-100 mm	



LEVE PER MONTAGGIO ANTISCINTILLA

BRONZEplus Chiave a forchetta per montaggi con perno

- Pratica combinazione di chiave poligonale e perno di centraggio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	A mm	B mm	L mm	kg
963.8082	17	11,0	35,0	320,0	0,27
963.8083	18	11,0	35,0	320,0	0,27
963.8084	19	12,0	40,0	350,0	0,29
963.8085	20	12,0	40,0	350,0	0,29
963.8086	21	13,0	46,0	350,0	0,36
963.8087	22	13,0	46,0	350,0	0,36
963.8088	23	15,0	49,0	370,0	0,65
963.8089	24	15,0	49,0	370,0	0,65
963.8090	25	16,0	54,0	370,0	0,65
963.8091	26	16,0	54,0	370,0	0,65
963.8092	27	16,0	54,0	370,0	0,65
963.8093	28	17,0	62,0	400,0	0,95
963.8094	29	17,0	62,0	400,0	0,95
963.8095	30	17,0	62,0	400,0	0,95
963.8096	32	18,0	65,0	400,0	0,95
963.8097	33	18,0	65,0	400,0	0,95
963.8098	34	18,0	65,0	400,0	0,95
963.8099	35	20,0	75,0	430,0	1,40
963.8100	36	20,0	75,0	430,0	1,40
963.8101	37	20,0	75,0	430,0	1,40
963.8102	38	21,0	85,0	430,0	1,40
963.8103	41	21,0	85,0	470,0	1,90
963.8104	42	21,0	85,0	470,0	1,90
963.8105	46	22,0	95,0	500,0	2,70
963.8106	47	22,0	95,0	500,0	2,70
963.8107	50	24,0	105,0	530,0	3,55

		A mm	B mm	L mm	kg
963.8108	11/16"	11,0	35,0	320,0	0,27
963.8109	3/4"	12,0	40,0	350,0	0,27
963.8110	25/32"	12,0	40,0	350,0	0,36
963.8111	13/16"	12,0	40,0	350,0	0,40
963.8112	7/8"	13,0	46,0	350,0	0,40
963.8113	15/16"	15,0	49,0	370,0	0,40
963.8114	31/32"	15,0	49,0	370,0	0,65
963.8115	1"	16,0	54,0	370,0	0,65
963.8116	1.1/16"	16,0	54,0	370,0	0,65
963.8117	1.1/8"	16,0	54,0	400,0	0,65
963.8118	1.3/16"	17,0	62,0	400,0	0,65
963.8119	1.1/4"	18,0	65,0	400,0	0,95
963.8120	1.5/16"	18,0	65,0	400,0	0,95
963.8121	1.3/8"	20,0	75,0	430,0	0,95
963.8122	1.7/16"	20,0	75,0	430,0	1,40
963.8123	1.1/2"	21,0	85,0	430,0	1,40
963.8124	1.9/16"	21,0	85,0	470,0	1,40
963.8125	1.5/8"	21,0	85,0	470,0	1,90
963.8126	1.11/16"	21,0	85,0	470,0	1,90
963.8127	1.3/4"	22,0	95,0	500,0	1,90
963.8128	1.13/16"	22,0	95,0	500,0	2,70
963.8129	1.7/8"	22,0	95,0	500,0	2,70
963.8130	2"	24,0	105,0	530,0	3,55



BRONZEplus Chiave a forchetta per montaggi piegata, con perno

- Bocca piegata a 75°
- Pratica combinazione di chiave poligonale e perno di centraggio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)

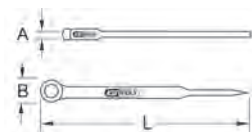


	mm	A mm	B mm	L mm	kg
963.8131	17	11,0	35,0	320,0	0,16
963.8132	18	12,0	40,0	320,0	0,16
963.8133	19	12,0	40,0	350,0	0,51
963.8134	20	12,0	40,0	350,0	0,51
963.8135	21	13,0	46,0	350,0	0,51
963.8136	22	13,0	46,0	350,0	0,51
963.8137	23	15,0	49,0	370,0	0,33
963.8138	24	15,0	49,0	370,0	0,34
963.8139	25	15,0	49,0	370,0	0,34
963.8140	26	16,0	54,0	370,0	0,37
963.8141	27	16,0	54,0	370,0	0,37
963.8142	28	17,0	62,0	400,0	0,37
963.8143	29	17,0	62,0	400,0	0,54
963.8144	30	17,0	62,0	400,0	0,54
963.8145	32	18,0	65,0	400,0	0,65
963.8146	33	18,0	65,0	400,0	0,65
963.8147	34	18,0	65,0	400,0	0,65
963.8148	35	20,0	75,0	430,0	1,54
963.8149	36	20,0	75,0	430,0	1,54
963.8150	37	20,0	75,0	430,0	1,54
963.8151	38	21,0	85,0	430,0	1,54
963.8152	41	21,0	85,0	470,0	2,09
963.8153	42	21,0	85,0	470,0	2,09
963.8154	46	22,0	95,0	500,0	2,97
963.8155	47	22,0	95,0	500,0	2,97
963.8156	50	24,0	105,0	530,0	3,90

		A mm	B mm	L mm	kg
963.8157	11/16"	11,0	35,0	290,0	0,16
963.8158	7/8"	13,0	46,0	355,0	0,51
963.8159	15/16"	15,0	49,0	355,0	0,51
963.8160	1.1/16"	16,0	54,0	380,0	0,37
963.8161	1.3/16"	17,0	62,0	410,0	0,55
963.8162	1.1/4"	18,0	65,0	380,0	0,58
963.8163	1.7/16"	20,0	75,0	460,0	1,54
963.8164	1.1/2"	21,0	85,0	460,0	0,65
963.8165	1.5/8"	21,0	85,0	510,0	2,09
963.8166	1.13/16"	22,0	95,0	550,0	2,97
963.8167	2"	24,0	105,0	550,0	3,90

Chiave poligonale per montaggi BRONZEplus piegata, con perno di centraggio

- Anello piegato a 75°
- Pratica combinazione di chiave poligonale e perno di centraggio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	A mm	B mm	L mm	kg
963.8168	17	12,0	28,0	320,0	0,20
963.8169	18	12,0	28,0	320,0	0,31
963.8170	19	13,0	30,0	350,0	0,51
963.8171	20	13,0	30,0	350,0	0,51
963.8172	21	15,0	34,0	350,0	0,51
963.8173	22	15,0	34,0	350,0	0,51
963.8174	23	17,0	38,0	370,0	0,40
963.8175	24	17,0	38,0	370,0	0,40
963.8176	25	17,0	38,0	370,0	0,35
963.8177	26	21,0	43,0	370,0	0,55
963.8178	27	21,0	43,0	370,0	0,56
963.8179	28	23,0	48,0	400,0	0,54
963.8180	29	23,0	48,0	400,0	0,57
963.8181	30	23,0	48,0	400,0	0,64
963.8182	32	24,0	50,0	400,0	0,63
963.8183	33	24,0	50,0	400,0	0,63
963.8184	34	25,0	56,0	400,0	0,75
963.8185	35	25,0	56,0	430,0	1,54
963.8186	36	25,0	56,0	430,0	1,54
963.8187	37	25,0	56,0	430,0	1,54
963.8188	38	25,0	56,0	430,0	1,54
963.8189	41	27,0	62,0	470,0	2,09
963.8190	42	27,0	62,0	470,0	2,09
963.8191	46	29,0	71,0	500,0	2,97
963.8192	47	29,0	71,0	500,0	2,97
963.8193	50	33,0	76,0	530,0	3,90

		A mm	B mm	L mm	kg
963.8194	11/16"	12,0	28,0	290,0	0,30
963.8195	7/8"	13,0	30,0	355,0	0,51
963.8196	15/16"	13,0	30,0	355,0	0,51
963.8197	1.1/16"	21,0	43,0	380,0	0,56
963.8198	1.3/16"	23,0	48,0	410,0	0,64
963.8199	1.1/4"	24,0	50,0	380,0	0,64
963.8200	5/7/16"	25,0	56,0	460,0	1,54
963.8201	1.1/2"	25,0	56,0	460,0	1,02
963.8202	1.5/8"	27,0	62,0	510,0	2,09
963.8203	1.13/16"	29,0	71,0	550,0	2,97
963.8204	2"	33,0	76,0	550,0	3,90

CHIAVI A FRIZIONE E A SETTORE ANTISCINTILLA

BRONZEplus Chiave per bocchettoni A-B-C

- Chiavi per bocchettoni antincendio (Storz) A - B - C
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)

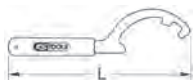


	Ø mm	L mm	kg
963.8205	14	440,0	800



BRONZEplus Chiave per bocchettone B-C

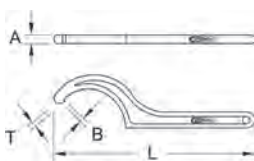
- Bocchettoni antincendio (Storz) B – C
- Manico rivestito contro il freddo
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Ø mm	L mm	
963.8206	12	280,0	450

Chiave a settore con nasello tondo BRONZEplus

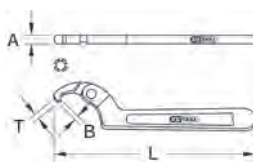
- A norma DIN 1810 forma B
- Con nasello tondo per ghiera a norma DIN 1816
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Apertura in mm	A mm	B mm	L mm	T mm	
963.8210	12-14	3,0	1,5	110,0	2,0	0,03
963.8211	16-20	3,0	2	110,0	2,5	0,03
963.8212	25-28	4,0	2,5	135,0	3,0	0,05
963.8213	30-32	4,0	2,5	135,0	4,0	0,05
963.8214	34-36	5,0	3	170,0	4,0	0,10
963.8215	40-42	5,0	3	170,0	4,0	0,10
963.8216	45-50	6,0	3,5	205,0	5,0	0,19
963.8217	52-55	6,0	3,5	205,0	5,0	0,19
963.8218	58-62	7,0	4	240,0	5,0	0,24
963.8219	68-75	7,0	4	240,0	6,0	0,20
963.8220	80-90	8,0	5	280,0	6,0	0,41
963.8221	95-100	8,0	5	280,0	8,0	0,41
963.8222	110-115	10,0	6	335,0	8,0	0,73
963.8223	120-130	10,0	6	335,0	8,0	0,73
963.8224	135-145	12,0	7	390,0	8,0	1,15
963.8225	155-165	12,0	7	390,0	8,0	1,15
963.8226	180-195	14,0	8	465,0	10,0	1,41
963.8227	205-220	14,0	8	465,0	10,0	1,84

Chiave a settore snodata con nasello BRONZEplus

- A norma DIN 1810 forma A
- Con nasello per ghiera a norma DIN 981
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Apertura in mm	A mm	B mm	L mm	T mm	
963.8207	32-75	8,0	6,0	205,0	5,0	230
963.8208	50-120	10,0	7,0	285,0	6,0	450
963.8209	115-170	12,0	10,0	310,0	7,0	500

CHIAVI SPECIALI ANTISCINTILLA
BRONZEplus Griffa per valvole a saracinesca

- Manico rivestito contro il freddo
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L mm	
963.8228	30-40	500,0	720

Chiave per valvole BRONZEplus

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Ø mm	L1 mm	L2 mm	L3 mm	
963.8229	13	300,0	50,0	30,0	0,35
963.8230	13	350,0	55,0	35,0	0,60
963.8231	16	400,0	60,0	40,0	0,68
963.8232	16	450,0	65,0	45,0	1,10
963.8233	19	500,0	70,0	50,0	1,20
963.8234	22	600,0	75,0	60,0	2,00
963.8235	25	700,0	80,0	70,0	3,00
963.8236	28	800,0	85,0	80,0	5,30

BRONZEplus Chiave per ghiera

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Distanza perni in mm	Diametro perno in mm	L mm	
963.8237	35,0	5,0	180,0	150

Chiave di manovra BRONZEplus

- Secondo norme DIN 87311
- Manico rivestito contro il freddo
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Ø mm	A mm	L mm	
963.8238	36x60	60,0	370,0	0,65
963.8239	48x80	80,0	430,0	2,60
963.8240	62x102	102,0	550,0	1,30

BRONZEplus Chiave per volantini di manovra B

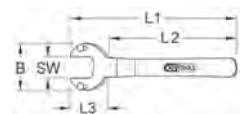
- Secondo norme DIN 87311
- Manico rivestito contro il freddo
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Ø mm	L mm	
963.8241	36x60	330,0	0,60
963.8242	48x80	470,0	1,40
963.8243	62x102	600,0	2,60

BRONZEplus Chiave per unità di regolazione VANOS

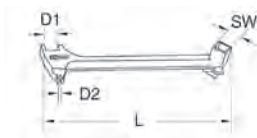
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Tipo	Ap. in mm	Diametro perno in mm	B mm	L1 mm	L2 mm	L3 mm	
963.8244	A	64,0 x 32,0	20,0	90,0	660,0	500,0	160,0	1,80
963.8245	B	64,0 x 32,0	20,0	90,0	650,0	500,0	150,0	1,60
963.8246	C	95,0 x 47,5	20,0	90,0	690,0	500,0	190,0	2,50

Chiave per apertura fusti universale BRONZE plus

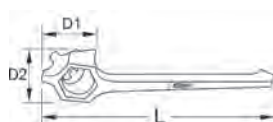
- Chiave per apertura fusti 22"
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Ap. mm	L mm	D1 mm	D2 mm	kg
963.8270	18 x 22	380,0	27,0	6,0	1,25

Chiave per fusti universale BRONZE plus

- Per coperchi di fusti standard
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	D1 mm	D2 mm	L mm	kg
963.8271	38,0	52,0	300,0	600

Chiave per fusti universale BRONZE plus

- Per fusti standard
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	D1 mm	D2 mm	D3 mm	D4 mm	L mm	kg
963.8272	70,0	70,0	65,0	95,0	400,0	1,70

BRONZEplus Chiave apri chiusini

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	kg
963.8273	500,0	770

BRONZEplus Chiave apri chiusini, rinforzata

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)

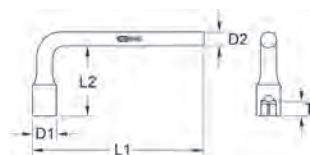


	L mm	kg
963.8274	700,0	1,20

CHIAVI A BUSSOLA BERYLLIUMplus

Chiave a bussola BRONZEplus, inclinata

- Quadro
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	D1 mm	D2 mm	L1 mm	L2 mm	T mm	kg
963.8247	8	18,0	8,0	150,0	33,0	15,0	90
963.8248	9	20,0	8,0	160,0	35,0	15,0	100
963.8249	10	22,0	8,0	175,0	37,0	15,0	120
963.8250	12	24,0	10,0	215,0	42,0	18,0	220
963.8251	13	26,0	10,0	230,0	45,0	18,0	280
963.8252	14	27,0	12,0	240,0	45,0	18,0	280
963.8253	17	32,0	14,0	280,0	51,0	22,0	330



Chiave a bussola BRONZEplus forma triangolare

- Triangolare
- A norma DIN 3124 / ISO 2725-1
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	D1 mm	D2 mm	L mm	kg
963.8254	6	16,0	25,0	40,0	70
963.8255	8	18,0	25,0	40,0	80
963.8256	10	22,0	25,0	40,0	80
963.8257	12	24,0	25,0	40,0	90
963.8258	16	30,0	25,0	50,0	150
963.8259	20	37,0	28,0	50,0	220
963.8260	25	44,0	32,0	60,0	400



Chiave a bussola BRONZEplus forma triangolare

- Triangolare
- Secondo norme DIN 22417
- Con impugnatura scorrevole integrata
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L mm	kg
963.8261	4	95,0	0,08
963.8262	5	110,0	0,10
963.8263	6	115,0	0,17
963.8264	8	125,0	0,28
963.8265	10	140,0	0,39
963.8266	12	160,0	0,70
963.8267	16	180,0	0,98
963.8268	20	200,0	2,10
963.8269	24	220,0	3,10



Chiave a bussola BRONZE^{plus}

- Esagonale
- Da utilizzare con spina di manovra
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L mm		#
963.8275	8	190,0	1	0,11
963.8276	9	200,0	1	0,20
963.8277	10	215,0	1	0,16
963.8278	11	230,0	2	0,21
963.8279	12	250,0	2	0,26
963.8280	13	265,0	3	0,35
963.8281	14	265,0	3	0,35
963.8282	15	280,0	3	0,40
963.8283	16	280,0	3	0,40
963.8284	17	300,0	4	0,45
963.8285	18	300,0	4	0,45
963.8286	19	325,0	4	0,65
963.8287	20	325,0	4	0,65
963.8288	21	350,0	4	0,83
963.8289	22	350,0	4	0,83
963.8290	23	380,0	5	1,14
963.8291	24	380,0	5	1,14
963.8292	25	415,0	5	1,45
963.8293	26	415,0	5	1,45
963.8294	27	415,0	5	1,45
963.8295	28	450,0	6	1,80
963.8296	29	450,0	6	1,80
963.8297	30	450,0	6	1,80
963.8298	32	485,0	6	2,45
963.8299	33	485,0	6	2,45
963.8300	34	485,0	6	2,45
963.8301	35	530,0	7	3,30
963.8302	36	530,0	7	3,30
963.8303	37	530,0	7	3,30
963.8304	38	530,0	7	3,30
963.8305	41	580,0	8	4,00
963.8306	42	580,0	8	4,00
963.8307	46	635,0	8	4,80
963.8308	47	635,0	8	4,80
963.8309	50	320,0	9,10	4,90
963.8310	52	320,0	9,10	4,90
963.8311	54	340,0	9,10	6,50
963.8312	55	340,0	9,10	6,50
963.8313	56	340,0	9,10	6,50
963.8314	58	360,0	9,10	8,30
963.8315	60	360,0	9,10	8,30
963.8316	63	360,0	9,10	8,30
963.8317	65	380,0	11	10,50
963.8318	67	380,0	11	10,50
963.8319	70	380,0	11	10,50
963.8320	71	380,0	11	10,50
963.8321	75	400,0	11	14,30
963.8322	77	400,0	11	14,30
963.8323	80	400,0	11	14,30
963.8324	82	400,0	11	14,30
963.8325	85	425,0	12	19,20
963.8326	88	425,0	12	19,20
963.8327	90	425,0	12	19,20
963.8328	94	455,0	12	26,00
963.8329	95	455,0	12	26,00
963.8330	100	455,0	12	26,00

Spine di manovra per chiave a tubo BRONZE^{plus}

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	D mm	L mm	#	#
963.8331	10	6,0	150,0	1	0,04
963.8332	12	8,0	190,0	2	0,10
963.8333	16	10,0	190,0	3	0,09
963.8334	22	10,0	250,0	4	0,18
963.8335	27	12,0	315,0	5	0,31
963.8336	34	16,0	400,0	6	0,60
963.8337	38	16,0	500,0	7	0,92
963.8338	47	20,0	630,0	8	1,60
963.8339	63	24,0	800,0	9	2,70
963.8340	63	24,0	1000,0	10	3,50
963.8341	82	30,0	1250,0	11	6,00
963.8342	100	36,0	1600,0	12	12,00

Chiave a bussola BRONZE^{plus}, inclinata

- Esagonale
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)

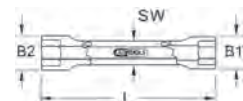


	mm	D1 mm	D2 mm	L1 mm	L2 mm	#
963.8343	8	16,0	8,0	175,0	30,0	0,10
963.8344	9	17,0	8,0	185,0	33,0	0,12
963.8345	10	18,0	8,0	195,0	37,0	0,14
963.8346	11	20,0	9,0	205,0	42,0	0,18
963.8347	12	21,0	9,0	220,0	42,0	0,22
963.8348	13	22,0	10,0	240,0	45,0	0,28
963.8349	14	22,0	10,0	240,0	45,0	0,28
963.8350	15	25,0	11,0	250,0	48,0	0,30
963.8351	16	25,0	11,0	250,0	48,0	0,30
963.8352	17	27,0	12,0	270,0	51,0	0,32
963.8353	18	27,0	12,0	270,0	53,0	0,32
963.8354	19	30,0	12,0	290,0	55,0	0,53
963.8355	20	30,0	12,0	290,0	57,0	0,53
963.8356	21	32,0	12,0	310,0	57,0	0,68
963.8357	22	32,0	12,0	310,0	59,0	0,68
963.8358	23	35,0	14,0	335,0	63,0	0,83
963.8359	24	35,0	14,0	335,0	63,0	0,83
963.8360	25	39,0	14,0	365,0	69,0	1,00
963.8361	26	39,0	14,0	365,0	69,0	1,00
963.8362	27	39,0	14,0	365,0	69,0	1,00
963.8363	28	43,0	15,0	395,0	72,0	1,30
963.8364	29	43,0	15,0	395,0	72,0	1,30
963.8365	30	43,0	15,0	395,0	72,0	1,30
963.8366	32	47,0	16,0	425,0	75,0	1,70
963.8367	33	47,0	16,0	425,0	75,0	1,70
963.8368	34	47,0	18,0	425,0	75,0	1,70
963.8369	35	52,0	18,0	465,0	80,0	2,80
963.8370	36	52,0	18,0	465,0	80,0	2,80
963.8371	37	52,0	18,0	465,0	80,0	2,80
963.8372	38	52,0	18,0	465,0	80,0	2,80
963.8373	41	58,0	20,0	510,0	85,0	3,60
963.8374	42	58,0	20,0	510,0	85,0	3,60
963.8375	46	65,0	21,0	555,0	90,0	4,00
963.8376	47	65,0	21,0	555,0	90,0	4,00
963.8377	50	72,0	22,0	605,0	93,0	4,80
963.8378	52	72,0	22,0	605,0	93,0	4,80
963.8379	54	76,0	24,0	660,0	97,0	6,40
963.8380	55	76,0	24,0	660,0	97,0	6,40

	mm	D1 mm	D2 mm	L1 mm	L2 mm	#
963.8381	56	76,0	24,0	660,0	97,0	6,40
963.8382	58	84,0	25,0	730,0	103,0	8,20
963.8383	60	84,0	25,0	730,0	103,0	8,20
963.8384	63	89,0	25,0	730,0	103,0	8,20
963.8385	65	89,0	27,0	800,0	108,0	10,40
963.8386	67	95,0	27,0	800,0	108,0	10,40
963.8387	70	95,0	27,0	800,0	115,0	10,40
963.8388	71	95,0	27,0	800,0	115,0	10,40
963.8389	75	105,0	30,0	880,0	120,0	14,10
963.8390	77	105,0	30,0	880,0	120,0	14,10
963.8391	80	112,0	30,0	880,0	125,0	14,10
963.8392	82	112,0	30,0	880,0	125,0	14,10

Chiave a tubo BRONZE^{plus}

- Esagonale
- Da utilizzare con chiave a forchetta o spina di manovra
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	 mm	B1 mm	B2 mm	A _p mm	L mm		
963.8393	7x8	14,0	15,0	10	95,0	1	0,05
963.8394	9x10	16,0	18,0	10	105,0	2	0,07
963.8395	10x11	18,0	19,0	14	120,0	2	0,18
963.8396	12x14	21,0	22,0	17	135,0	3	0,16
963.8397	14x17	24,0	27,0	17	150,0	3	0,36
963.8398	17x19	27,0	30,0	19	160,0	4	0,28
963.8399	19x22	30,0	32,0	22	170,0	4	0,58
963.8400	20x22	32,0	39,0	22	170,0	4	0,58
963.8401	24x26	35,0	39,0	24	180,0	5	0,48
963.8402	24x27	35,0	39,0	24	190,0	5	0,53
963.8403	27x32	39,0	47,0	27	200,0	6	0,87
963.8404	30x32	43,0	47,0	27	210,0	6	0,89
963.8405	30x36	43,0	52,0	30	220,0	6	1,08
963.8406	36x41	52,0	58,0	32	230,0	6	1,70

Spine di manovra per chiave a tubo BRONZE^{plus}

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



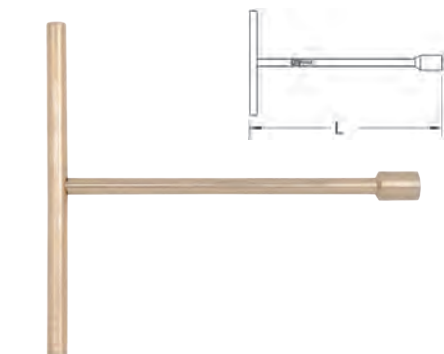
	D mm	L mm	mm	#	#
963.8407	5,0	110,0	7x8	1	20
963.8408	6,0	150,0	10x11	2	40
963.8409	10,0	220,0	14x17	3	120
963.8410	12,0	300,0	20x22	4	300
963.8411	15,0	390,0	24x27	5	480
963.8412	16,0	500,0	36x41	6	750





BRONZEplus Chiave a bussola con impugnatura a T fiss

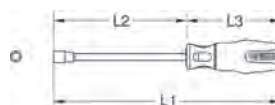
- Esagonale
- Con impugnatura a T fiss
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L mm	N
963.8413	8	196,0	0,14
963.8414	9	209,0	0,25
963.8415	10	223,0	0,19
963.8416	11	240,0	0,26
963.8417	12	256,0	0,31
963.8418	13	275,0	0,41
963.8419	14	275,0	0,41
963.8420	15	292,0	0,40
963.8421	16	292,0	0,45
963.8422	17	314,0	0,50
963.8423	18	314,0	0,55
963.8424	19	339,0	0,55
963.8425	20	339,0	0,55
963.8426	21	376,0	1,05
963.8427	22	376,0	1,05
963.8428	23	393,0	1,24
963.8429	24	393,0	1,24
963.8430	25	431,0	1,70
963.8431	26	431,0	1,70
963.8432	27	431,0	1,70
963.8433	28	464,0	2,10
963.8434	29	464,0	2,10
963.8435	30	464,0	2,10
963.8436	32	506,0	2,75
963.8437	33	506,0	2,75
963.8438	34	506,0	2,75
963.8439	35	550,0	4,00
963.8440	36	550,0	4,00
963.8441	37	550,0	4,00
963.8442	38	550,0	4,00
963.8443	41	600,0	5,40
963.8444	42	600,0	5,40
963.8445	46	655,0	6,00
963.8446	47	655,0	6,00
963.8447	50	345,0	6,30
963.8448	52	345,0	6,30
963.8449	54	365,0	8,00
963.8450	55	365,0	8,00
963.8451	56	365,0	8,00
963.8452	58	390,0	10,50
963.8453	60	390,0	10,50
963.8454	63	390,0	10,50
963.8455	65	410,0	14,00
963.8456	67	410,0	14,00
963.8457	70	410,0	14,00
963.8458	71	410,0	14,00
963.8459	75	430,0	19,00
963.8460	77	430,0	19,00
963.8461	80	430,0	19,00
963.8462	82	430,0	19,00

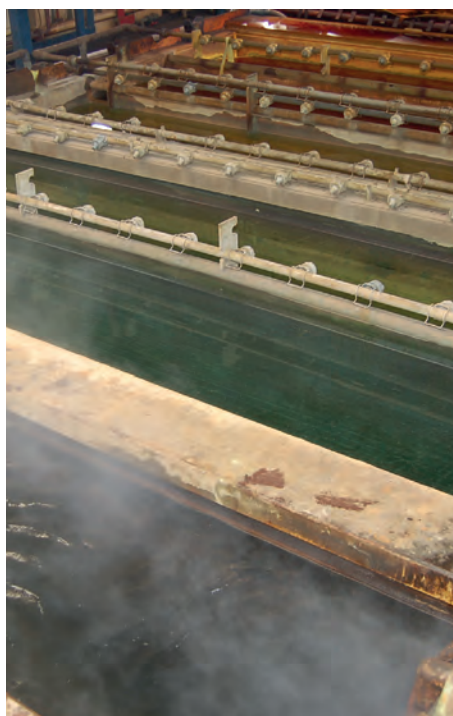
Giravite a bussola BERYLLIUMplus

- Esagonale
- Impugnatura in materiale bi-componente
- Trasmissione ottimale della coppia
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	mm	L1 mm	L2 mm	L3 mm	N
962.0970	3,5	175,0	75,0	100,0	80
962.0971	4,5	180,0	80,0	100,0	80
962.0972	5	180,0	80,0	100,0	60
962.0973	5,5	185,0	85,0	100,0	60
962.0974	6	190,0	90,0	100,0	80
962.0975	6,5	190,0	90,0	100,0	90
962.0976	7	190,0	90,0	100,0	80
962.0977	7,5	200,0	100,0	100,0	80
962.0978	8	200,0	100,0	100,0	100
962.0979	9	210,0	110,0	100,0	100
962.0980	10	210,0	110,0	100,0	150
962.0981	11	220,0	110,0	110,0	150
962.0982	12	220,0	110,0	110,0	130
962.0983	13	230,0	120,0	110,0	170
962.0984	14	230,0	120,0	110,0	210
962.0985	15	240,0	130,0	110,0	210
962.0986	16	240,0	130,0	110,0	260
962.0987	17	250,0	130,0	120,0	280

		L1 mm	L2 mm	L3 mm	N
962.0988	1/8"	175,0	75,0	100,0	10
962.0989	5/32"	180,0	80,0	100,0	70
962.0990	3/16"	185,0	85,0	100,0	60
962.0991	7/32"	190,0	90,0	100,0	80
962.0992	1/4"	190,0	90,0	100,0	80
962.0993	5/16"	210,0	100,0	110,0	100
962.0994	3/8"	220,0	110,0	110,0	100
962.0995	7/16"	230,0	120,0	110,0	170
962.0996	1/2"	230,0	120,0	110,0	210
962.0997	9/16"	240,0	120,0	120,0	120
962.0998	5/8"	250,0	130,0	120,0	150
962.0999	11/16"	250,0	130,0	120,0	240



BRONZEplus Chiave a zampa

- Per lavorare facilmente in aree di difficile access
- Da utilizzare con spina di manovra
- Bocca inclinata a 90°
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L mm		N
963.8463	13	160,0	1	0,10
963.8464	14	160,0	1	0,10
963.8465	15	200,0	1	0,17
963.8466	16	200,0	2	0,17
963.8467	17	200,0	2	0,17
963.8468	18	200,0	2	0,19
963.8469	19	200,0	3	0,22
963.8470	20	200,0	3	0,25
963.8471	21	200,0	3	0,26
963.8472	22	200,0	3	0,30
963.8473	23	200,0	4	0,35
963.8474	24	250,0	4	0,40
963.8475	25	250,0	4	0,40
963.8476	26	250,0	4	0,45
963.8477	27	250,0	4	0,45
963.8478	28	250,0	5	0,50
963.8479	29	250,0	5	0,55
963.8480	30	250,0	5	0,60
963.8481	32	250,0	5	0,65
963.8482	36	250,0	6	0,70
963.8483	41	315,0	6	1,15
963.8484	46	315,0	7	1,23
963.8485	50	315,0	7	1,50

BRONZEplus Spina di manovra per chiavi a zampa

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	D mm	L mm	#	N
963.8486	13-15	8,0	160,0	1	0,07
963.8487	16-18	10,0	200,0	2	0,13
963.8488	19-22	12,0	200,0	3	0,22
963.8489	23-27	14,0	250,0	4	0,40
963.8490	28-32	16,0	250,0	5	0,60
963.8491	36-41	18,0	315,0	6	1,00
963.8492	46-50	20,0	315,0	7	1,60

Chiave a forchetta ad innesto BRONZEplus, esagonale

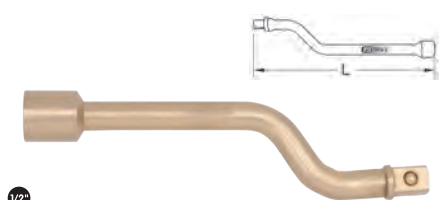
- Esagonale
- Con quadro femmina
- Per uso manuale
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L mm	T mm	g
963.8493	13	40,0	15,0	50
963.8494	14	40,0	15,0	50
963.8495	15	43,0	20,0	80
963.8496	16	43,0	20,0	80
963.8497	17	43,0	20,0	80
963.8498	18	49,0	22,0	110
963.8499	19	49,0	22,0	120
963.8500	20	49,0	22,0	130
963.8501	21	52,0	26,0	150
963.8502	22	52,0	26,0	170
963.8503	23	52,0	29,0	200
963.8504	24	55,0	29,0	200
963.8505	25	55,0	32,0	220
963.8506	26	59,0	32,0	220
963.8507	27	59,0	32,0	250
963.8508	28	59,0	32,0	270
963.8509	29	63,0	34,0	300
963.8510	30	63,0	34,0	320
963.8511	32	67,0	37,0	350
963.8512	36	76,0	42,0	570
963.8513	41	86,0	48,0	620
963.8514	46	97,0	55,0	750
963.8515	50	105,0	60,0	800

BRONZEplus Leva prolunga speciale per chiavi a zampa

- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L mm	g
963.8516	1/2	150,0	200
963.8517	1/2	250,0	400


CHIAVI A CRICCO E FRIZIONE ANTISCINTILLA
BRONZEplus chiave a cricco esagonale

- Esagonale
- Con punta di centraggio
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L mm	g
963.1105	17	230,0	0,62
963.1106	19	240,0	0,65
963.1107	21	250,0	0,83
963.1108	22	260,0	0,83
963.1109	24	270,0	1,02
963.1110	26	280,0	1,05
963.1111	27	285,0	1,10
963.1112	30	300,0	1,32
963.1113	32	315,0	1,10
963.1114	35	325,0	1,63
963.1115	36	330,0	1,67
963.1116	41	330,0	1,95


BERYLLIUMplus chiave a frizione poligonale

- Poligonali
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Molto resistente
- Alluminio-bronzo (lega non ferrosa)



	mm	L mm	g
962.0109	9	150,0	0,15
962.0111	11	150,0	0,15
962.0113	13	155,0	0,16
962.0114	14	155,0	0,16
962.0117	17	200,0	0,26
962.0119	19	200,0	0,26
962.0122	22	220,0	0,34
962.0124	24	220,0	0,34
962.0127	27	245,0	0,56
962.0130	30	280,0	0,84
962.0132	32	280,0	0,84
962.0136	36	290,0	1,18
962.0141	41	295,0	1,23
962.0146	46	360,0	2,06
962.0150	50	360,0	2,23
962.0155	55	440,0	2,90
962.0160	60	440,0	2,90

CHIAVI A BUSSOLA ATTACCO 1/4" ANTISCINTILLA
Bussola BERYLLIUMplus

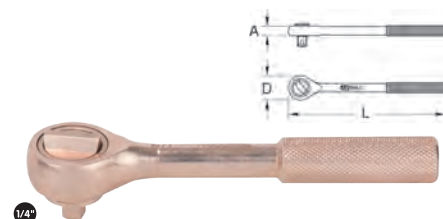
- Esagonale
- A norma DIN 3124 / ISO 2725-1
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	mm	D1 mm	D2 mm	L mm	g
962.1404	4,0	10,0	15,0	25,0	10
962.14045	4,5	10,0	15,0	25,0	10
962.1405	5,0	11,0	15,0	25,0	10
962.14055	5,5	11,0	15,0	25,0	10
962.1406	6,0	12,0	15,0	25,0	10
962.1407	7,0	13,0	15,0	25,0	10
962.1408	8,0	14,0	15,0	25,0	20
962.1409	9,0	15,0	15,0	25,0	20
962.1410	10,0	16,0	15,0	25,0	20
962.1411	11,0	18,0	15,0	25,0	20
962.1412	12,0	19,0	15,0	27,0	30
962.1413	13,0	20,0	15,0	27,0	30
962.1414	14,0	22,0	15,0	27,0	30

Leva a cricco BERYLLIUMplus

- A norma DIN 3122 / 3315
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Reversibile
- Dentatura a 45 denti
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	mm	A mm	D mm	L mm	g
962.1490	1/4"	15,0	30,0	150,0	200

BERYLLIUMplus Cricco ad ingranaggi con quadro passante

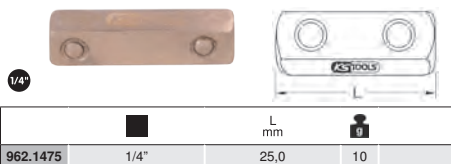
- Quadro di manovra secondo norme DIN 3120 - ISO 1174 con arresto a sfera
- Cambiamento di direzione tramite il posizionamento dell'attacco quadro
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	mm	A mm	D mm	L mm	g
962.1491	1/4"	14,0	36,0	150,0	320

BERYLLIUMplus Quadro di collegamento

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)



		L mm	
962.1475	1/4"	25,0	10

Prolunga BERYLLIUMplus

- Quadro di manovra secondo norme DIN 3120 - ISO 1174 con arresto a sfera
- Attacco quadro secondo norme DIN 3120 - ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



		L mm	
962.1450	1/4"	55,0	20
962.1451	1/4"	100,0	60
962.1452	1/4"	200,0	100

Leva con attacco snodato BERYLLIUMplus

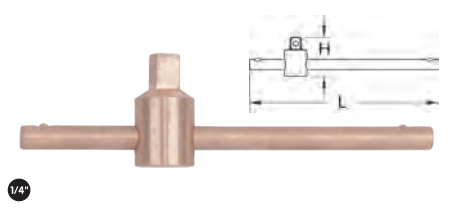
- Quadro di manovra secondo norme DIN 3120 - ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



		L mm	
962.1455	1/4"	165,0	160
962.1456	1/4"	215,0	350

Impugnatura a T BERYLLIUMplus con leva scorrevole

- A norma DIN 3122 / ISO 3315
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



		H mm	L mm	
962.1460	1/4"	28,0	200,0	160

Giravite quadro BERYLLIUMplus

- Quadro di manovra secondo norme DIN 3120 - ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



		L1 mm	L2 mm	L3 mm	
962.1465	1/4"	140,0	55,0	85,0	90

Bussola di maggiorazione e riduzione BERYLLIUMplus

- A norma DIN 3123 / ISO 3316
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



			L mm	
962.1470	1/4"	1/2"	30,0	40
963.1280	1/2"	1/4"	40,0	60

Snodo cardanico BERYLLIUMplus

- A norma DIN 3123 / ISO 3316
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



			L mm	
962.1480	1/4"	1/4"	55,0	70

Serie di chiavi a bussola BERYLLIUMplus

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)
- In robusta valigetta di plastica



962.1485	15pz.	Serie di chiavi a bussola BERYLLIUMplus	1000	
13 x		4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm		
1 x		100 mm		
1 x		250 mm		

CHIAVI A BUSSOLA ATTACCO 1/2" ANTISCINTILLA

Chiave a bussola BRONZEplus

- Esagonale
- A norma DIN 3124 / ISO 2725-1
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		D1 mm	D2 mm	L mm	
963.1204	6	14,0	24,0	40,0	70
963.1205	7	14,0	24,0	40,0	80
963.1206	8	15,0	24,0	40,0	50
963.1207	9	16,0	24,0	40,0	50
963.1208	10	17,0	24,0	40,0	50
963.1209	11	19,0	24,0	40,0	50
963.1210	12	20,0	24,0	40,0	50
963.1211	13	20,0	24,0	40,0	50
963.1212	14	24,0	24,0	40,0	80
963.1213	15	25,0	25,0	40,0	90
963.1214	16	25,0	25,0	40,0	60
963.1215	17	26,0	26,0	40,0	90
963.1216	18	29,0	27,0	40,0	120
963.1217	19	30,0	28,0	40,0	130
963.1218	20	31,0	28,0	40,0	130
963.1219	21	32,0	28,0	40,0	100
963.1220	22	33,0	28,0	40,0	110
963.1221	23	34,0	31,0	40,0	120
963.1222	24	35,0	31,0	40,0	150
963.1223	25	36,0	32,0	40,0	130
963.1224	26	37,0	34,0	40,0	180
963.1225	27	38,0	34,0	40,0	150
963.1226	28	40,0	36,0	40,0	200
963.1227	29	42,0	36,0	40,0	220
963.1228	30	43,0	40,0	40,0	250
963.1229	32	45,0	42,0	42,0	240
963.1230	34	48,0	42,0	50,0	300
963.1231	36	50,0	42,0	50,0	380
963.1341	41	57,0	44,0	50,0	560

		D1 mm	D2 mm	L mm	
963.1249	1/4"	15,0	24,0	40,0	50
963.1250	5/16"	15,0	24,0	40,0	50
963.1251	11/32"	16,0	24,0	40,0	50
963.1252	3/8"	17,0	24,0	40,0	50
963.1253	13/32"	18,0	24,0	40,0	50
963.1254	7/16"	19,0	24,0	40,0	50
963.1255	1/2"	21,0	24,0	40,0	50
963.1256	9/16"	23,0	24,0	40,0	80
963.1257	19/32"	24,0	24,0	40,0	90
963.1258	5/8"	26,0	26,0	40,0	60
963.1259	11/16"	28,0	26,0	40,0	90
963.1260	3/4"	29,0	26,0	40,0	130
963.1261	25/32"	31,0	26,0	40,0	130
963.1262	13/16"	32,0	26,0	40,0	130
963.1263	7/8"	33,0	28,0	40,0	110
963.1264	15/16"	35,0	31,0	40,0	120
963.1265	1"	36,0	34,0	40,0	130
963.1266	1.1/16"	39,0	34,0	40,0	150
963.1267	1.1/8"	41,0	36,0	40,0	220
963.1268	1.3/16"	43,0	40,0	40,0	250
963.1269	1.1/4"	45,0	42,0	42,0	240



BRONZEplus Bussola di serraggio, lunga

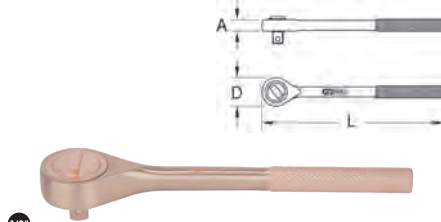
- Esagonale
- A norma DIN 3124 / ISO 2725-1
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	D1 mm	D2 mm	L mm	g
963.1232	10	19,0	25,0	77,0	110
963.1233	12	20,0	25,0	77,0	170
963.1234	13	21,0	25,0	77,0	170
963.1235	14	22,0	25,0	77,0	110
963.1236	15	25,0	25,0	77,0	120
963.1237	16	25,0	25,0	77,0	170
963.1238	17	27,0	27,0	77,0	140
963.1239	18	28,0	28,0	82,0	250
963.1240	19	30,0	28,0	82,0	180
963.1241	21	32,0	28,0	82,0	260
963.1242	22	33,0	28,0	82,0	210
963.1243	24	36,0	30,0	82,0	250
963.1244	27	40,0	30,0	82,0	400
963.1245	30	44,0	32,0	82,0	510
963.1246	32	46,0	32,0	82,0	550
963.1247	34	48,0	34,0	82,0	710
963.1248	36	50,0	34,0	82,0	760

Leva a cricco BERYLLIUMplus

- A norma DIN 3122 / 3315
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Reversibile
- Dentatura a 45 denti
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Rame-berillio (lega non ferrosa)



		A mm	D mm	L mm	
962.1290	1/2"	23,0	54,0	250,0	590

BERYLLIUMplus Cricco ad ingranaggi con quadro passante

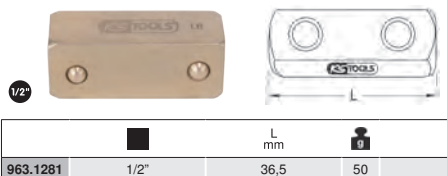
- Quadro di manovra secondo norme DIN 3120 - ISO 1174 con arresto a sfera
- Cambiamento di direzione tramite il posizionamento dell'attacco quadro
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



		A mm	D mm	L mm	
962.1291	1/2"	17,0	45,0	250,0	430

BRONZEplus Quadro di collegamento

- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



Prolunga BRONZEplus

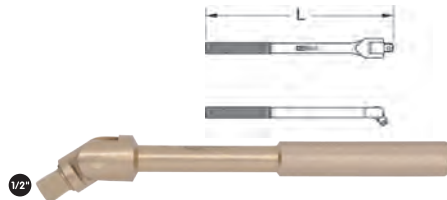
- A norma DIN 3123 / ISO 3316
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		L mm	
963.1270	1/2"	100,0	180
963.1271	1/2"	200,0	270
963.1272	1/2"	250,0	360

Leva con attacco snodato BRONZEplus

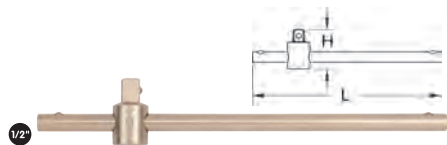
- A norma DIN 3122 / ISO 3315
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		L mm		
963.1273	1/2"	215,0	350	
963.1274	1/2"	250,0	560	
963.1275	1/2"	300,0	920	
963.1276	1/2"	380,0	590	

Impugnatura a T BRONZEplus con leva scorrevole

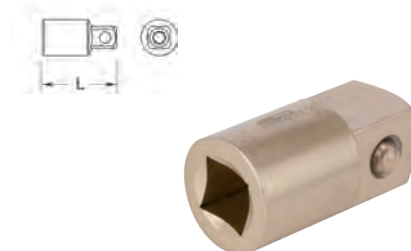
- A norma DIN 3122 / ISO 3315
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		H mm	L mm		
963.1277	1/2"	46,0	250,0	450	
963.1278	1/2"	46,0	320,0	550	

Bussola di maggiorazione e riduzione BRONZEplus

- A norma DIN 3123 / ISO 3316
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



			L mm		
963.1279	1/2"	3/4"	22,0	120	
963.1280	1/2"	1/4"	40,0	60	

Snodo cardanico BRONZEplus

- A norma DIN 3123 / ISO 3316
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



			L mm	 9	
963.1282	1/2	1/2"	70,0	170	

BRONZEplus Impugnatura a L

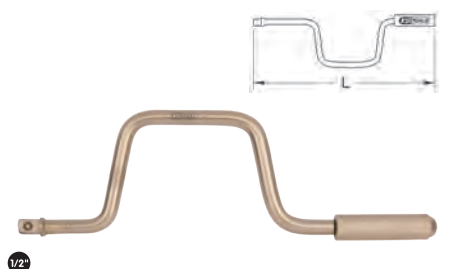
- Secondo norme DIN ISO 2936
- Quadro di manovra secondo norme DIN 3120 - ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		L mm		
963.1283	1/2"	220,0	260	
963.1284	1/2"	260,0	400	

BRONZEplus Manovella

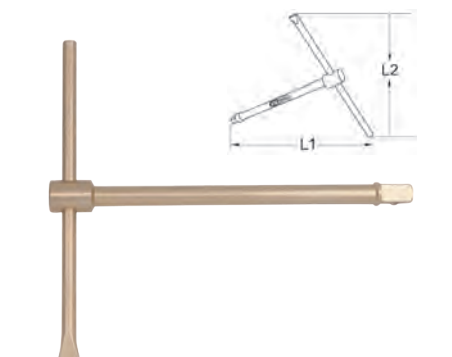
- Quadro di manovra secondo norme DIN 3120 - ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		L mm	
963.1285	1/2"	410,0	700

Impugnatura a T BRONZEplus

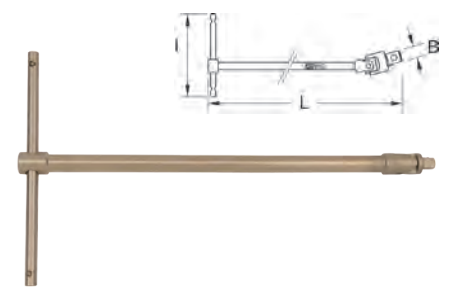
- A norma DIN 3122 / ISO 3315
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		L1 mm	L2 mm	
963.1286	1/2"	245,0	220,0	500

Chiave a T snodata BRONZEplus

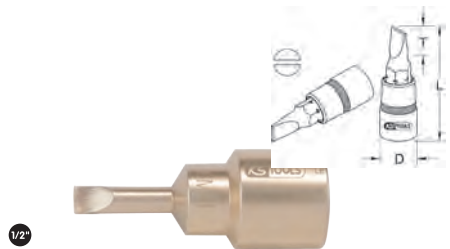
- A norma DIN 3122 / ISO 3315
- Quadro di manovra a norma DIN 3122 / ISO 1174 con arresto a sfera
- Con snodo
- Per posizioni di difficile access
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		B mm	I mm	L mm	
963.1287	1/2"	12,5	250,0	460,0	760

Bussola per viti a intaglio BRONZEplus

- A intaglio
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	D mm	L mm	T mm	
963.1292	4,0	25,0	60,0	9,0	140
963.1293	6,0	25,0	60,0	9,0	140
963.1294	8,0	25,0	60,0	9,0	140
963.1295	10,0	25,0	60,0	9,0	140

Bussola per viti a croce PH BRONZEplus

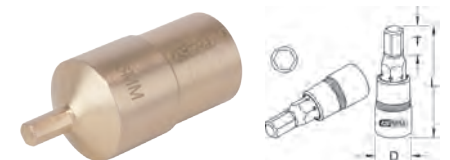
- PH
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		D mm	L mm	T mm	
963.1296	PH 1	25,0	60,0	8,0	140
963.1297	PH 2	25,0	60,0	8,0	140
963.1298	PH 3	25,0	60,0	8,0	140
963.1299	PH 4	25,0	60,0	8,0	140

Bussola per viti a esagono incassato BRONZEplus, corta

- Esagono incassato
- A norma DIN 7422
- Attacco quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	D mm	L mm	T mm	
963.1300	4	25,0	60,0	12,0	110
963.1301	5	25,0	60,0	12,0	70
963.1302	6	25,0	60,0	12,0	70
963.1303	7	25,0	60,0	12,0	110
963.1304	8	25,0	60,0	12,0	80
963.1305	9	25,0	60,0	12,0	110
963.1306	10	25,0	60,0	12,0	110
963.1307	12	25,0	60,0	12,0	120
963.1308	14	25,0	60,0	12,0	130
963.1309	17	25,0	60,0	12,0	140
963.1310	19	25,0	60,0	12,0	230

Bussola per viti a esagono incassato BRONZEplus, lunga

- Esagono incassato
- A norma DIN 7422
- Attacco quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	D mm	L mm	T mm	
963.1311	5	25,0	90,0	12,0	90
963.1312	5	25,0	180,0	12,0	100
963.1313	6	25,0	90,0	12,0	80
963.1314	6	25,0	140,0	12,0	120
963.1315	6	25,0	160,0	12,0	130
963.1316	7	25,0	100,0	12,0	90
963.1317	8	25,0	90,0	12,0	90
963.1318	8	25,0	120,0	12,0	160
963.1319	10	25,0	140,0	12,0	150
963.1320	12	25,0	140,0	12,0	190
963.1321	14	25,0	140,0	12,0	250

Serie di chiavi a bussola BRONZEplus

- Esagonale
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)
- In robusta valigetta di plastica



		Serie di chiavi a bussola BRON-ZEplus	
963.1288	11pz.		5,30
9 x		10 - 11 - 13 - 14 - 15 - 17 - 19 - 22 - 24 mm	
1 x		100 mm	
1 x		250 mm	

		Serie di chiavi a bussola BRON-ZEplus	
963.1289	23pz.		4,10
22 x		10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 mm	
1 x		250 mm	

			
963.1290	24pz.	Serie di chiavi a bussola BRONZEplus	2,00
22 x		10-11-12-13-14-15-16-17-19-20-21-22-23-24-25-26-27-28-29-30-32 mm	
1 x		250 mm	
1 x		250 mm	

			
963.1291	26pz.	Serie di chiavi a bussola BRONZEplus	4,10
22 x		10-11-12-13-14-15-16-17-19-20-21-22-23-24-25-26-27-28-29-30-32 mm	
1 x		250 mm	
1 x		250 mm	
1 x		320 mm	
1 x		380 mm	

Serie di bussole per viti a esagono incassato BRONZEplus

- Esagono incassato
- A norma DIN 7422
- Attacco quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



			
963.1322	9pz.	Serie di bussole per viti a esagono incassato BRONZEplus	1,24
9 x		1/2": 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 mm	

			
963.1323	11pz.	Serie di bussole per viti a esagono incassato BRONZEplus	2,99
1 x		1/2"	
1 x		1/2": 250 mm	
9 x		1/2": 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 mm	

			
963.1324	15pz.	Serie di bussole per viti a esagono incassato BRONZEplus	2,79
9 x		1/2": 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 mm	
6 x		1/2": 5/90 - 6/90 - 8/90 - 10/140 - 12/140 - 14/140 mm	



CHIAVI A BUSSOLA ATTACCO 3/4" ANTISCINTILLA

Chiave a bussola BRONZEplus

- Esagonale
- A norma DIN 3124 / ISO 2725-1
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



3/4"

	mm	D1 mm	D2 mm	L mm	g
963.3405	18	31,0	36,0	60,0	180
963.3406	19	32,0	36,0	60,0	180
963.3407	21	34,0	36,0	60,0	180
963.3408	22	36,0	36,0	60,0	180
963.3409	24	38,0	36,0	55,0	350
963.3410	25	39,0	36,0	55,0	350
963.3411	26	40,0	36,0	50,0	330
963.3412	27	41,0	36,0	50,0	300
963.3413	28	42,0	38,0	50,0	300
963.3414	29	43,0	38,0	50,0	300
963.3415	30	45,0	38,0	50,0	310
963.3416	32	48,0	40,0	60,0	430
963.3417	33	50,0	40,0	60,0	450
963.3418	34	50,0	40,0	60,0	470
963.3419	35	51,0	44,0	55,0	400
963.3420	36	52,0	44,0	60,0	430
963.3421	38	55,0	46,0	60,0	490
963.3422	41	64,0	50,0	65,0	560
963.3423	42	64,0	50,0	65,0	600
963.3424	46	68,0	50,0	65,0	840
963.3425	50	72,0	55,0	70,0	1080
963.3426	55	80,0	60,0	70,0	900
963.3427	58	80,0	60,0	60,0	950
963.3428	60	82,0	60,0	70,0	1290

		D1 mm	D2 mm	L mm	g
963.3429	7/8"	36,0	36,0	60,0	180
963.3430	15/16"	39,0	36,0	55,0	350
963.3431	1"	39,0	36,0	55,0	350
963.3432	1.1/16"	41,0	36,0	50,0	300
963.3433	1.1/8"	41,0	36,0	50,0	300
963.3434	1.1/4"	48,0	40,0	60,0	430
963.3435	1.5/16"	50,0	40,0	60,0	400
963.3436	1.3/8"	52,0	44,0	55,0	400
963.3437	1.7/16"	55,0	46,0	60,0	430
963.3438	1.1/2"	55,0	46,0	60,0	490
963.3439	1.9/16"	55,0	46,0	60,0	490
963.3440	1.5/8"	64,0	50,0	65,0	560
963.3441	1.11/16"	64,0	50,0	65,0	560
963.3442	1.3/4"	68,0	50,0	65,0	600
963.3443	1.13/16"	68,0	50,0	65,0	840
963.3444	1.7/8"	68,0	50,0	65,0	1000
963.3445	2"	72,0	55,0	70,0	700



Leva a cricco BERYLLIUMplus

- A norma DIN 3122 / 3315
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Reversibile
- Dentatura a 45 denti
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



3/4"

		A mm	D mm	L mm	g
962.3490	3/4"	22,0	59,0	300,0	1,90

BERYLLIUMplus Cricco ad ingranaggi con quadro passante

- Quadro di manovra secondo norme DIN 3120 - ISO 1174 con arresto a sfera
- Cambiamento di direzione tramite il posizionamento dell'attacco quadro
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



3/4"

		A mm	D mm	L mm	g
962.3491	3/4"	22,0	60,0	500,0	1,80

BRONZEplus Quadro di collegamento

- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



3/4"

		L mm	g
963.3457	3/4"	51,5	130

Prolunga BRONZEplus

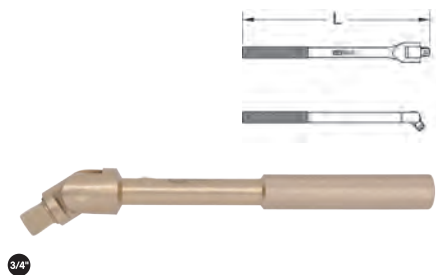
- A norma DIN 3123 / ISO 3316
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		L mm	kg
963.3446	3/4"	100,0	0,35
963.3447	3/4"	250,0	0,70
963.3448	3/4"	380,0	1,67
963.3449	3/4"	430,0	1,50

Leva con attacco snodato BRONZEplus

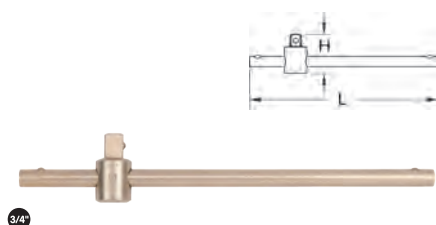
- A norma DIN 3122 / ISO 3315
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		L mm	kg
963.3450	3/4"	380,0	1,40
963.3451	3/4"	460,0	1,30
963.3452	3/4"	550,0	1,95

Impugnatura a T BRONZEplus con leva scorrevole

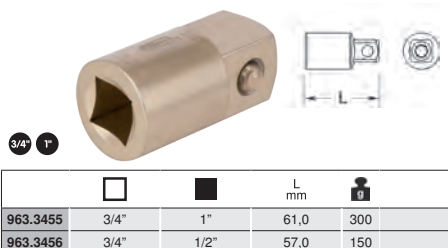
- A norma DIN 3122 / ISO 3315
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		H mm	L mm	kg
963.3453	3/4"	65,0	260,0	0,60
963.3454	3/4"	65,0	500,0	1,48

Bussola di maggiorazione e riduzione BRONZEplus

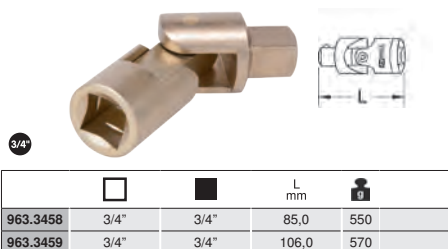
- A norma DIN 3123 / ISO 3316
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		L mm	kg
963.3455	3/4"	61,0	300
963.3456	3/4"	57,0	150

Snodo cardanico BRONZEplus

- A norma DIN 3123 / ISO 3316
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		L mm	kg
963.3458	3/4"	85,0	550
963.3459	3/4"	106,0	570

BRONZEplus Impugnatura a L

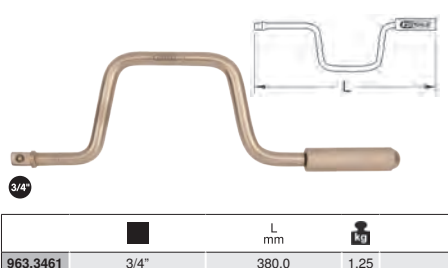
- Secondo norme DIN ISO 2936
- Quadro di manovra secondo norme DIN 3120 - ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		L mm	kg
963.3460	3/4"	300,0	800

BRONZEplus Manovella

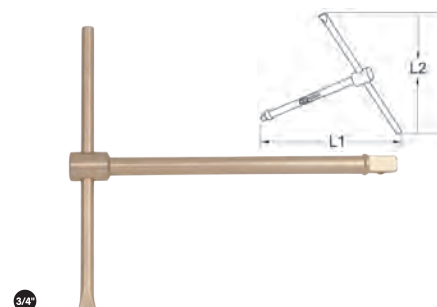
- Quadro di manovra secondo norme DIN 3120 - ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		L mm	kg
963.3461	3/4"	380,0	1,25

Impugnatura a T BRONZEplus

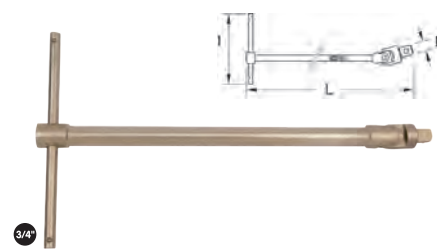
- A norma DIN 3122 / ISO 3315
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		L1 mm	L2 mm	kg
963.3462	3/4"	260,0	250,0	850

Chiave a T snodata BRONZEplus

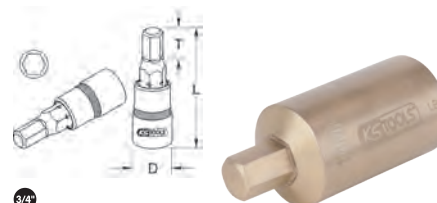
- A norma DIN 3122 / ISO 3315
- Quadro di manovra a norma DIN 3122 / ISO 1174 con arresto a sfera
- Con snodo
- Per posizioni di difficile access
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		B mm	I mm	L mm	kg
963.3463	3/4"	20,0	300,0	560,0	1,20

Bussola per viti a esagono incassato BRONZEplus, corta

- Esagono incassato
- A norma DIN 7422
- Attacco quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	D mm	L mm	T mm	kg
963.3465	14	36,0	80,0	18,0	350
963.3466	17	36,0	80,0	18,0	390
963.3467	19	36,0	80,0	18,0	440
963.3468	22	36,0	80,0	18,0	480
963.3469	24	36,0	80,0	18,0	520
963.3470	27	36,0	80,0	18,0	550
963.3471	30	36,0	80,0	18,0	570
963.3472	32	36,0	80,0	18,0	590
963.3473	36	36,0	80,0	18,0	620
963.3474	41	36,0	90,0	18,0	720
963.3475	46	36,0	90,0	18,0	820

Serie di chiavi a bussola BRONZEplus

- Esagonale
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)
- In robusta valigetta di plastica



3/4"

963.3464	12pz.	Serie di chiavi a bussola BRONZEplus	12,70
7 x		36 - 38 - 41 - 46 - 50 - 55 - 60 mm	
1 x		380 mm	
1 x		300 mm	
1 x		500 mm	
1 x		380 mm	

CHIAVI A BUSSOLA ATTACCO 1" ANTISCINTILLA

Chiave a bussola BRONZEplus

- Esagonale
- A norma DIN 3124 / ISO 2725-1
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



1"

	mm	D1 mm	D2 mm	L mm	kg
963.1005	32	50,0	50,0	60,0	0,51
963.1006	36	52,0	50,0	65,0	0,55
963.1007	41	63,0	50,0	70,0	0,73
963.1008	42	63,0	50,0	65,0	0,71
963.1009	46	67,0	52,0	65,0	0,71
963.1010	50	72,0	52,0	70,0	0,93
963.1011	55	78,0	60,0	75,0	1,13
963.1012	60	83,0	60,0	75,0	1,35
963.1013	65	90,0	65,0	75,0	1,50
963.1014	70	98,0	75,0	85,0	1,75
963.1015	75	104,0	75,0	85,0	2,30
963.1016	80	110,0	85,0	85,0	2,50
963.1017	85	116,0	85,0	90,0	2,80
963.1018	90	120,0	90,0	85,0	4,40
963.1019	95	130,0	95,0	85,0	4,50
963.1020	100	136,0	95,0	85,0	4,60

		D1 mm	D2 mm	L mm	kg
963.1021	1.7/16"	52,0	50,0	65,0	0,55
963.1022	1.1/2"	54,0	50,0	65,0	0,68
963.1023	1.5/8"	63,0	50,0	70,0	0,73
963.1024	1.11/16"	65,0	50,0	65,0	0,71
963.1025	1.13/16"	68,0	52,0	65,0	0,71
963.1026	1.7/8"	69,0	52,0	65,0	0,73
963.1027	2"	70,0	52,0	70,0	0,93
963.1028	2.1/16"	73,0	60,0	70,0	0,95
963.1029	2.3/16"	77,0	60,0	75,0	1,13
963.1030	2.3/8"	82,0	65,0	75,0	1,13
963.1031	2.1/4"	80,0	65,0	75,0	1,35
963.1032	2.7/16"	83,0	65,0	75,0	1,40
963.1033	2.9/16"	90,0	70,0	75,0	1,50
963.1034	2.5/8"	91,0	70,0	75,0	1,55
963.1035	2.3/4"	96,0	75,0	85,0	1,75
963.1036	2.13/16"	98,0	75,0	85,0	1,75
963.1037	2.15/16"	103,0	80,0	85,0	2,30
963.1038	3"	104,0	80,0	85,0	2,35
963.1039	3.1/8"	110,0	80,0	85,0	2,50
963.1040	3.3/8"	116,0	85,0	90,0	2,80
963.1041	3.1/2"	120,0	90,0	90,0	4,40
963.1042	3.3/4"	130,0	95,0	90,0	4,50
963.1043	3.7/8"	135,0	95,0	90,0	4,60
963.1044	4.1/4"	113,0	85,0	90,0	5,00

Leva a cricco BERYLLIUMplus

- A norma DIN 3122 / 3315
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Reversibile
- Dentatura a 45 denti
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



1"

		A mm	D mm	L mm	kg
962.1090	1"	30,0	72,0	550,0	340



BERYLLIUMplus Cricco ad ingranaggi con quadro passante

- Quadro di manovra secondo norme DIN 3120 - ISO 1174 con arresto a sfera
- Cambiamento di direzione tramite il posizionamento dell'attacco quadro
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)

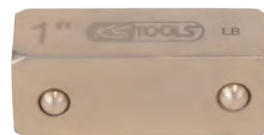


1"

		A mm	D mm	L mm	kg
962.1091	1"	23,0	72,0	550,0	3,50

BRONZEplus Quadro di collegamento

- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



1"

		L mm	kg
963.1051	1"	68,0	300

Prolunga BRONZEplus

- A norma DIN 3123 / ISO 3316
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



1"

		L mm	kg
963.1045	1"	100,0	0,80
963.1046	1"	250,0	1,40
963.1047	1"	400,0	2,09

Leva con attacco snodato BRONZEplus

- A norma DIN 3122 / ISO 3315
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



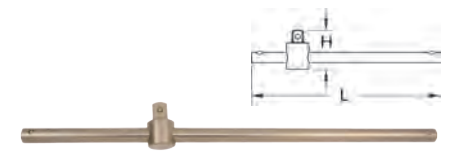
1"

		L mm	kg
963.1048	1"	380,0	1,20



Impugnatura a T BRONZEplus con leva scorrevole

- A norma DIN 3122 / ISO 3315
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		H mm	L mm	kg
963.1049	1"	76,0	700,0	2,80

Bussola di riduzione BRONZEplus

- A norma DIN 3123 / ISO 3316
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



			L mm	kg
963.1050	1"	3/4"	75,0	540

Snodo cardanico BRONZEplus

- A norma DIN 3123 / ISO 3316
- Quadro di manovra a norma DIN 3120 / ISO 1174 con arresto a sfera
- Quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



			L mm	kg
963.1052	1"	1"	141,0	1,45

BRONZEplus Impugnatura a L

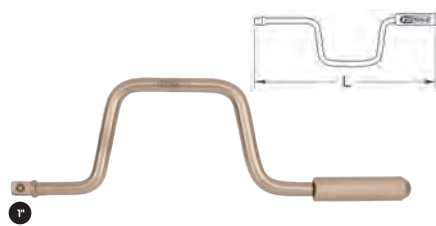
- Secondo norme DIN ISO 2936
- Quadro di manovra secondo norme DIN 3120 - ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		L mm	kg
963.1053	1"	300,0	1,00

BRONZEplus Manovella

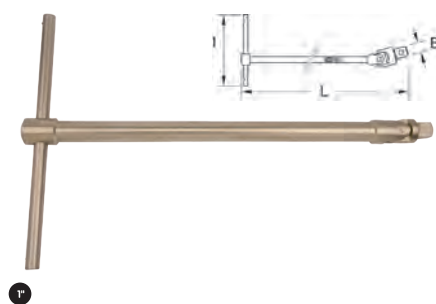
- Quadro di manovra secondo norme DIN 3120 - ISO 1174 con arresto a sfera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		L mm	kg
963.1054	1"	380,0	1,40

Chiave a T snodata BRONZEplus

- A norma DIN 3122 / ISO 3315
- Quadro di manovra a norma DIN 3122 / ISO 1174 con arresto a sfera
- Con snodo
- Per posizioni di difficile access
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)

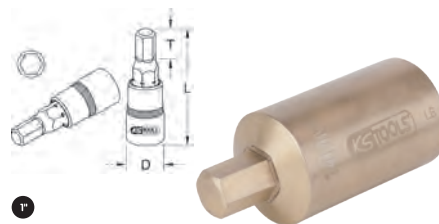


		B mm	I mm	L mm	kg
963.1055	1"	25,0	400,0	660,0	1,70



Bussola per viti a esagono incassato BRONZEplus, corta

- Esagono incassato
- A norma DIN 7422
- Attacco quadro femmina a norma DIN 3120 / ISO 1174 con sede per sfera di tenuta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	D mm	L mm	T mm	kg
963.1056	17	47,0	90,0	23,0	0,58
963.1057	19	47,0	90,0	23,0	0,67
963.1058	22	47,0	90,0	23,0	0,71
963.1059	24	47,0	90,0	23,0	0,77
963.1060	27	47,0	90,0	23,0	0,86
963.1061	30	47,0	90,0	23,0	0,91
963.1062	32	47,0	90,0	23,0	0,95
963.1063	36	47,0	90,0	23,0	0,99
963.1064	41	47,0	100,0	23,0	1,20
963.1065	46	47,0	100,0	23,0	1,40

Serie di chiavi a bussola BRONZEplus

- Esagonale
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)
- In robusta valigetta di plastica



			kg
963.1066	23pz.	Serie di chiavi a bussola BRONZEplus	33,10
10 x		36 - 41 - 46 - 50 - 55 - 60 - 65 - 70 - 75 - 80 mm	
10 x		1.1/2" - 1.5/8" - 1.7/8" - 2" - 2.1/16" - 2.1/4" - 2.3/8" - 2.9/16" - 2.3/4" - 3"	
2 x		250 - 400 mm	
1 x		550 mm	

			kg
963.1067	13pz.	Serie di chiavi a bussola BRONZEplus	21,10
10 x		36 - 41 - 46 - 50 - 55 - 60 - 65 - 70 - 75 - 80 mm	
2 x		250 - 400 mm	
1 x		550 mm	

GIRAVITI BERYLLIUM^{plus}
Giravite BERYLLIUM^{plus} per viti a intaglio

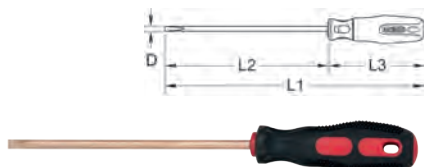
- A intaglio
- A norma DIN ISO 2380-2 / 2380-1 forma A
- Con foro per appendere
- Impugnatura bi-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	D mm	L1 mm	L2 mm	L3 mm	
962.0911	3,0	165,0	75,0	90,0	30
962.0912	4,5	200,0	100,0	100,0	30
962.0913	4,5	250,0	150,0	100,0	60
962.0914	6,0	200,0	100,0	100,0	80
962.0915	6,0	250,0	150,0	100,0	90
962.0916	8,0	260,0	150,0	110,0	130
962.0917	10,0	320,0	200,0	120,0	190
962.0918	10,0	420,0	300,0	120,0	230

BERYLLIUM^{plus} Giravite ad intaglio, lama parallela

- Con lama parallela
- Intaglio
- Con foro
- Impugnatura in materiale bi-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Alluminio-bronzo (lega non ferrosa)



	D mm	L1 mm	L2 mm	L3 mm	
962.0920	3,0	165,0	75,0	90,0	20
962.0921	4,0	240,0	150,0	100,0	20
962.0922	5,0	250,0	150,0	100,0	30
962.0923	6,0	300,0	200,0	100,0	110
962.0924	6,5	400,0	300,0	100,0	150

Giravite BERYLLIUM^{plus} per viti a croce PH

- PH
- A norma DIN 5262 / ISO 8764-1
- Con foro per appendere
- Con impugnatura bi-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



		L1 mm	L2 mm	L3 mm	
962.0900	PH 0	150,0	60,0	90,0	30
962.0901	PH 1	170,0	80,0	90,0	60
962.0902	PH 2	200,0	100,0	100,0	90
962.0903	PH 3	250,0	150,0	100,0	170
962.0904	PH 4	310,0	200,0	110,0	270

Serie di giraviti BERYLLIUM^{plus}

- Con foro per appendere
- Con impugnatura bi-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



962.0805	4pz.	Serie di giraviti BERYLLIUM ^{plus}	320
4 x		3 (75 mm) - 4,5 (100 mm) - 6 - 8 (150 mm)	

Serie di giraviti BERYLLIUM^{plus}

- Con foro per appendere
- Con impugnatura bi-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



962.0808	4pz.	Serie di giraviti BERYLLIUM ^{plus}	400
4 x		PH1 - PH2 - PH3 - PH4	

Serie di giraviti BERYLLIUM^{plus}

- Con foro per appendere
- Con impugnatura bi-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



962.0806	6pz.	Serie di giraviti BERYLLIUM ^{plus}	500
4 x		4,5 - 6 (100 mm) - 6 - 8 (150 mm)	
2 x		PH1 - PH2	

Serie di giraviti BERYLLIUM^{plus}

- Con foro per appendere
- Con impugnatura bi-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



962.0807	10pz.	Serie di giraviti BERYLLIUM ^{plus}	1,20
6 x		4,5 - 6 (100 mm) - 4,5 - 6 - 8 (150 mm) - 10 (200 mm)	
4 x		PH1 - PH2 - PH3 - PH4	

Giravite BERYLLIUM^{plus} per viti TX

- TX
- Con foro per appendere
- Impugnatura bi-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Alluminio-bronzo (lega non ferrosa)



		L1 mm	L2 mm	L3 mm	
962.0930	T5	160,0	70,0	90,0	30
962.0931	T6	160,0	70,0	90,0	70
962.0932	T7	160,0	70,0	90,0	70
962.0933	T8	160,0	70,0	90,0	70
962.0934	T9	160,0	70,0	90,0	70
962.0935	T10	170,0	80,0	90,0	80
962.0936	T15	170,0	80,0	90,0	80
962.0937	T20	190,0	90,0	100,0	80
962.0938	T25	190,0	90,0	100,0	100
962.0939	T27	210,0	110,0	100,0	100
962.0940	T30	210,0	110,0	100,0	110
962.0941	T40	220,0	120,0	100,0	120
962.0942	T45	230,0	120,0	110,0	140
962.0943	T50	230,0	120,0	110,0	150

Giravite BRONZE^{plus} per viti a esagono incassato

- Esagonale
- Con foro per appendere
- Impugnatura bi-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L1 mm	L2 mm	L3 mm	
963.1068	3,0	190,0	100,0	90,0	40
963.1069	4,0	190,0	100,0	90,0	50
963.1070	5,0	200,0	100,0	100,0	60
963.1071	6,0	225,0	125,0	100,0	90
963.1072	8,0	260,0	150,0	110,0	140
963.1073	10,0	260,0	150,0	110,0	210
963.1074	12,0	280,0	150,0	130,0	280

Giravite BRONZEplus per viti a esagono incassato, inclinato

- Esagonale
- Con foro per appendere
- Impugnatura bi-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L1 mm	L2 mm	L3 mm	kg
963.1505	3,0	153,0	75,0	20,0	40
963.1506	4,0	153,0	75,0	25,0	40
963.1507	5,0	180,0	80,0	28,0	50
963.1508	6,0	180,0	80,0	32,0	100
963.1509	8,0	240,0	120,0	36,0	140
963.1510	10,0	240,0	120,0	40,0	220
963.1511	12,0	240,0	120,0	45,0	290

CHIAVI MASCHIO PIEGATE ANTISCINTILLA
Chiave maschio piegata BRONZEplus per viti a esagono incassato

- Esagonale
- Esecuzione corta
- A norma DIN 2936
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	mm	L1 mm	L2 mm	kg
962.04015	1,5		55,0	13,0	0,01
962.0402	2,0		55,0	13,0	0,01
962.04025	2,5		55,0	13,0	0,01
963.1519	3,0		60,0	25,0	0,01
963.1520	4,0		70,0	30,0	0,01
963.1521	5,0		80,0	32,0	0,02
963.1522	6,0		90,0	37,0	0,04
963.1523	7,0		95,0	43,0	0,04
963.1524	8,0		100,0	44,0	0,07
963.1525	9,0		105,0	44,0	0,07
963.1526	10,0		115,0	45,0	0,10
963.1527	11,0		119,0	48,0	0,13
963.1528	12,0		125,0	52,0	0,13
963.1529	13,0		132,0	54,0	0,20
963.1530	14,0		140,0	58,0	0,25
963.1531	17,0		160,0	65,0	0,32
963.1532	18,0		170,0	69,0	0,50
963.1533	19,0		180,0	72,0	0,57
963.1534	22,0		200,0	77,0	0,95
963.1535	24,0		224,0	82,0	1,25
963.1536	27,0		250,0	93,0	1,80
963.1537	30,0		280,0	105,0	2,50
963.1538	32,0		315,0	116,0	3,10
963.1539	36,0		355,0	128,0	4,50
963.1540	41,0		400,0	140,0	5,30
962.0420		3/64"	55,0	13,0	0,01
962.0421		1/16"	55,0	13,0	0,01
962.0422		5/64"	55,0	13,0	0,01
962.0423		3/32"	55,0	13,0	0,01
962.0424		1/8"	60,0	24,0	0,01
962.0425		5/32"	70,0	30,0	0,02
963.1541		3/16"	80,0	31,0	0,02
963.1542		7/32"	80,0	37,0	0,02
963.1543		1/4"	90,0	37,0	0,04
963.1544		5/16"	100,0	44,0	0,07
963.1545		3/8"	120,0	45,0	0,10
963.1546		7/16"	119,0	48,0	0,13
963.1547		1/2"	125,0	55,0	0,18
963.1548		9/16"	140,0	58,0	0,25
963.1549		5/8"	140,0	63,0	0,30
963.1550		11/16"	160,0	65,0	0,32
963.1551		3/4"	180,0	73,0	0,57
963.1552		7/8"	200,0	77,0	0,95
963.1553		1"	224,0	85,0	1,26
963.1554		1.1/16"	216,0	93,0	3,08
963.1555		1.1/8"	230,0	95,0	3,30
963.1556		1.1/4"	230,0	116,0	3,30
963.1557		1.5/16"	235,0	116,0	3,52
963.1558		1.3/8"	235,0	128,0	3,52
963.1559		1.7/16"	241,0	128,0	3,74
963.1560		1.1/2"	241,0	128,0	3,74
963.1561		1.5/8"	241,0	140,0	3,74


Serie di chiavi maschio esagonali piegate BRONZEplus in supporto a clip

- Esagonale
- Esecuzione corta
- A norma DIN 2936
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	mm	kg
963.1512	8pz.	2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	280
963.1513	9pz.	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	280
963.1514	10pz.	1/16" - 5/64" - 3/32" - 1/8" - 5/32" - 3/16" - 7/32" - 1/4" - 5/16" - 3/8"	300

Chiave maschio piegata BRONZEplus per viti a esagono incassato, extra lunga

- Esagonale
- Esecuzione extra lunga
- A norma DIN 2936
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L1 mm	L2 mm	kg
963.1562	3,0	126,0	25,0	100
963.1563	4,0	142,0	30,0	30
963.1564	5,0	160,0	32,0	40
963.1565	6,0	180,0	37,0	30
963.1566	8,0	200,0	44,0	70
963.1567	10,0	205,0	45,0	120
963.1568	12,0	250,0	52,0	190
963.1569	14,0	280,0	58,0	300
963.1570	17,0	320,0	65,0	380
963.1571	19,0	360,0	72,0	490

Serie di chiavi maschio esagonali piegate BRONZEplus in supporto a clip, extra lunghe

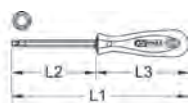
- Esagonale
- Esecuzione lunga
- A norma DIN 2936
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	mm	kg
963.1515	8pz.	2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	400
963.1516	9pz.	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	480

Giravite BERYLLIUMplus per viti a esagono incassato con testa sferica

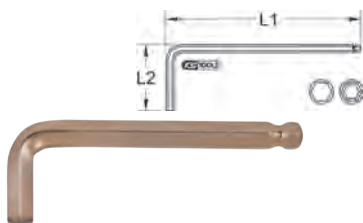
- Esagonale
- Con foro per appendere
- Impugnatura bi-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)



	mm	L1 mm	L2 mm	L3 mm	kg
962.0950	3,0	190,0	100,0	90,0	30
962.0951	4,0	190,0	100,0	90,0	50
962.0952	5,0	200,0	100,0	100,0	60
962.0953	6,0	225,0	125,0	100,0	90
962.0954	8,0	260,0	150,0	110,0	140
962.0955	10,0	260,0	150,0	110,0	210
962.0956	12,0	280,0	150,0	130,0	280

Chiave maschio piegata BERYLLIUM^{plus} con testa sferica per viti a esagono incassato

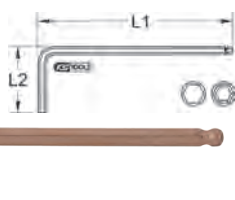
- Esagonale
- Esecuzione corta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	mm	L1 mm	L2 mm	g
962.0440	1,5	45,0	13,0	10
962.0441	2,0	50,0	16,0	10
962.0442	2,5	55,0	18,0	10
962.0443	3,0	63,0	20,0	10
962.0444	4,0	70,0	25,0	10
962.0445	5,0	80,0	28,0	20
962.0446	6,0	90,0	32,0	30
962.0447	7,0	95,0	34,0	40
962.0448	8,0	100,0	36,0	60
962.0449	10,0	115,0	40,0	110
962.0450	12,0	130,0	45,0	210
962.0451	14,0	140,0	48,0	260

Chiave maschio piegata BERYLLIUM^{plus} con testa sferica per viti a esagono incassato, extra lunga

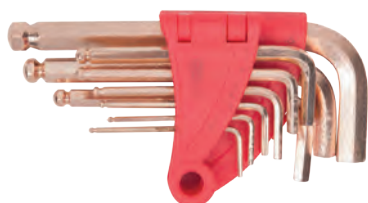
- Esagonale
- Esecuzione extra lunga
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	mm	L1 mm	L2 mm	g
962.0460	3,0	126,0	20,0	10
962.0461	4,0	140,0	25,0	20
962.0462	5,0	160,0	28,0	30
962.0463	6,0	180,0	32,0	50
962.0464	7,0	190,0	34,0	80
962.0465	8,0	200,0	36,0	100
962.0466	10,0	224,0	40,0	180
962.0467	12,0	250,0	45,0	290
962.0468	14,0	290,0	48,0	370

Serie di chiavi maschio esagonali piegate BRONZE^{plus} in supporto a clip, con testa sferica, lunga

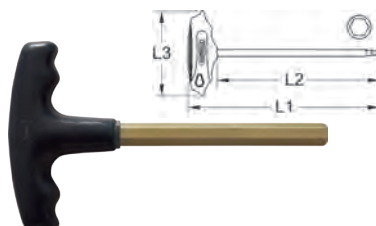
- Esagonale
- Esecuzione lunga
- A norma DIN 2936
- Con testa sferica sull'estremità lunga
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g
963.1517 8pz.	250
963.1518 9pz.	260

Chiave a T per esagono incassato BRONZE^{plus}

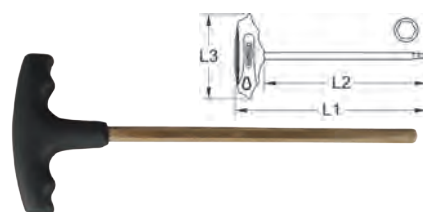
- Esagonale
- Impugnatura mono-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L1 mm	L2 mm	L3 mm	g
963.1572	3,0	143,0	100,0	75,0	20
963.1573	4,0	143,0	100,0	75,0	30
963.1574	5,0	155,0	100,0	91,0	40
963.1575	6,0	155,0	100,0	91,0	40
963.1576	8,0	155,0	100,0	91,0	60
963.1577	10,0	155,0	100,0	91,0	80
963.1578	12,0	155,0	100,0	91,0	160
963.1579	14,0	155,0	100,0	91,0	200

Chiave a T per esagono incassato BRONZE^{plus}, lunga

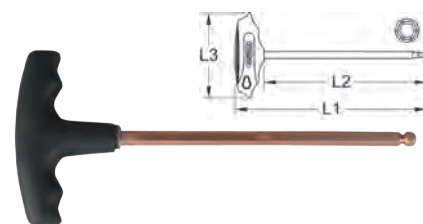
- Esagonale
- Esecuzione extra lunga
- Impugnatura mono-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L1 mm	L2 mm	L3 mm	g
963.1580	3,0	195,0	150,0	75,0	30
963.1581	4,0	195,0	150,0	75,0	40
963.1582	5,0	205,0	150,0	91,0	60
963.1583	6,0	205,0	150,0	91,0	100
963.1584	8,0	205,0	150,0	91,0	130
963.1585	10,0	205,0	150,0	91,0	140
963.1586	12,0	205,0	150,0	91,0	160
963.1587	14,0	205,0	150,0	91,0	190

Chiave a T per esagono incassato con testa sferica BERYLLIUM^{plus}

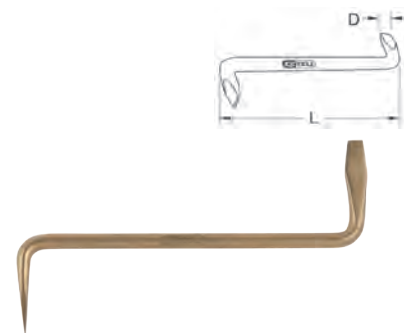
- Esagonale
- Impugnatura mono-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	mm	L1 mm	L2 mm	L3 mm	g
962.0960	3,0	145,0	100,0	75,0	40
962.0961	4,0	145,0	100,0	75,0	40
962.0962	5,0	205,0	150,0	91,0	650
962.0963	6,0	205,0	150,0	91,0	90
962.0964	8,0	205,0	150,0	91,0	120
962.0965	10,0	255,0	200,0	91,0	230
962.0966	12,0	255,0	200,0	91,0	300
962.0967	14,0	255,0	200,0	91,0	380

BRONZE^{plus} Giravite ad angolo

- A intaglio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	D mm	L mm	g
963.1588	4,0	125,0	50
963.1589	6,0	130,0	100
963.1590	10,0	140,0	90
963.1591	13,0	190,0	240

BRONZE^{plus} Giravite ad angolo per viti quadre

- Quadro
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



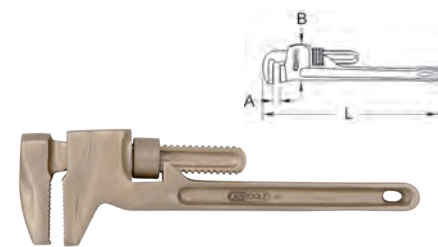
	mm	L1 mm	L2 mm	g
963.1592	10	200,0	37,0	0,20
963.1593	11	200,0	37,0	0,20
963.1594	12	200,0	42,0	0,20
963.1595	13	200,0	45,0	0,20
963.1596	14	220,0	45,0	0,40
963.1597	15	220,0	48,0	0,40
963.1598	16	220,0	48,0	0,40
963.1599	17	250,0	51,0	0,60
963.1600	18	250,0	53,0	0,60
963.1601	19	250,0	55,0	0,60
963.1602	20	300,0	57,0	1,00
963.1603	21	300,0	57,0	1,00
963.1604	22	300,0	59,0	1,00
963.1605	24	360,0	63,0	1,60
963.1606	25	360,0	63,0	1,60
963.1607	27	360,0	69,0	1,60
963.1608	28	440,0	69,0	3,20
963.1609	30	440,0	75,0	3,20
963.1610	32	440,0	81,0	3,20



PINZE BERYLLIUM^{plus}

Giratubi manovrabile con una sola mano BRONZE^{plus}

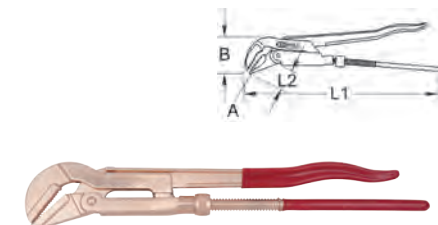
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	A mm	B mm	L mm	kg
963.1705	38,0	50,0	240,0	0,42
963.1706	45,0	50,0	240,0	0,47
963.1707	48,0	53,0	290,0	0,78
963.1708	58,0	64,0	350,0	1,00
963.1709	65,0	64,0	350,0	1,20
963.1710	70,0	75,0	425,0	1,60
963.1711	80,0	80,0	500,0	2,20
963.1712	105,0	90,0	575,0	3,70

Giratubi modello svedese BERYLLIUM^{plus}

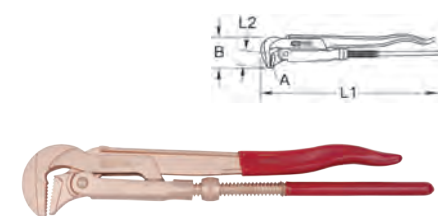
- A norma DIN 5234
- Inclinato a 45°
- Bocca a S
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	A	B mm	L1 mm	L2 mm	kg
962.4005	1"	60,0	200,0	38,0	0,82
962.4006	1.1/2"	70,0	300,0	50,0	1,57
962.4007	2"	72,0	350,0	65,0	3,20
962.4008	3"	100,0	600,0	75,0	4,10
962.4009	4"	122,0	900,0	100,0	6,20

Giratubi BERYLLIUM^{plus}, modello svedese

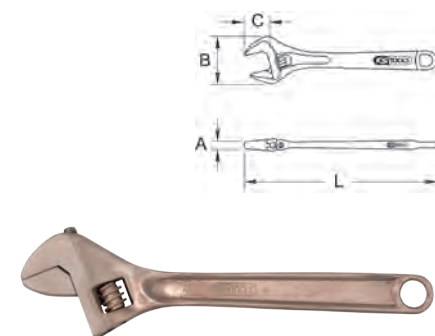
- A norma DIN 5234
- Inclinato a 90°
- Bocca a S
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	A	B mm	L1 mm	L2 mm	kg
962.4015	1.1/2"	80,0	435,0	50,0	1,57
962.4016	2"	95,0	540,0	65,0	3,20

Chiave regolabile a rullino BERYLLIUM^{plus}

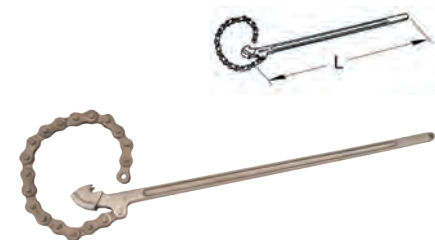
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)



	mm	A mm	B mm	C mm	L mm	kg
962.1108	18	9,0	45,0	18,0	150,0	0,10
962.1109	26	10,0	55,0	20,0	200,0	0,20
962.1110	30	11,0	65,0	30,0	250,0	0,40
962.1111	36	12,0	83,0	34,0	300,0	0,70
962.1112	46	15,0	105,0	47,0	380,0	1,40
962.1113	53	17,0	123,0	51,0	450,0	2,70
962.1114	67	19,0	145,0	62,0	600,0	5,10

Giratubi a catena BRONZE^{plus}

- Funzionamento a ripresa
- Esecuzione leggera
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Ø mm	L mm	kg
963.1713	50	600,0	1,70
963.1714	100	600,0	2,50
963.1715	150	600,0	3,00
963.1716	450	1600,0	8,00

Giratubi a catena BRONZE^{plus}

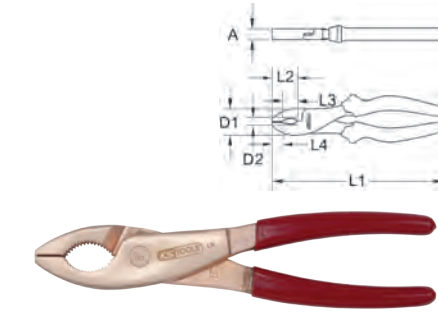
- Funzionamento a ripresa
- Esecuzione americana
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Ø mm	L mm	kg
963.1717	38	510,0	2,65
963.1718	65	685,0	4,50
963.1719	100	915,0	11,50
963.1720	300	1830,0	30,30

BERYLLIUM^{plus} Pinza per tubi del gas

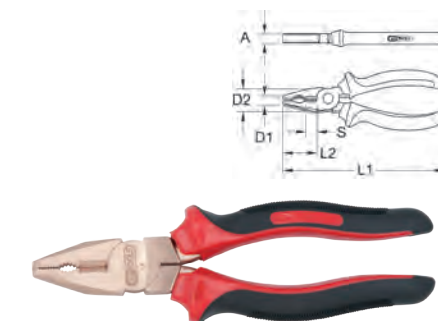
- Impugnatura isolata
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)



	A mm	D1 mm	D2 mm	L1 mm	L2 mm	L3 mm	L4 mm	kg
962.0607	12,0	30,0	15,0	210,0	40,0	25,0	15,0	370

BERYLLIUM^{plus} Pinza combinata

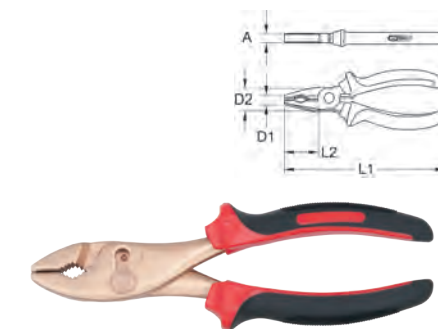
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)
- Impugnatura bi-componente



	A mm	D1 mm	D2 mm	L1 mm	L2 mm	S mm	kg
962.0620	10,0	7,0	24,0	160,0	33,0	12,0	350
962.0621	14,0	9,0	29,0	200,0	38,0	16,0	420

Pinza combinata BERYLLIUM^{plus}, regolabile

- Impugnatura bi-componente
- Regolabile
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)

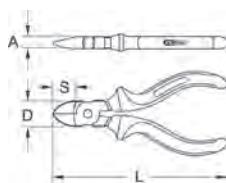


	A mm	D1 mm	D2 mm	L1 mm	L2 mm	kg
962.0623	14,0	9,0	29,0	200,0	38,0	340



Tronchese a tagliente laterale BERYLLIUM^{plus}

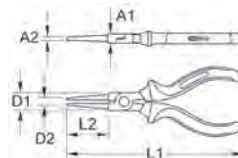
- A norma DIN ISO 5749
- Impugnatura bi-componente
- Per diversi tipi di filo
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	A mm	D mm	L mm	S mm	g
962.0616	10,0	23,0	165,0	20,0	200

BERYLLIUM^{plus} Pinza a punte tonde

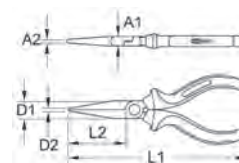
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)
- Cerniera passante
- Impugnatura in materiale bi-componente



	A1 mm	A2 mm	D1 mm	D2 mm	L1 mm	L2 mm	g
962.0625	3,0	10,0	20,0	3,0	160,0	36,0	90
962.0626	5,0	12,0	25,0	4,0	200,0	54,0	160

Pinza a punte piatte BERYLLIUM^{plus}

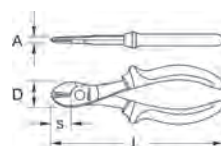
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)
- Impugnatura bi-componente



	A1 mm	A2 mm	D1 mm	D2 mm	L1 mm	L2 mm	g
962.0630	9,0	2,5	18,0	3,2	160,0	48,0	50
962.0631	11,0	4,0	21,0	5,0	200,0	85,0	150

Tronchese a tagliente laterale BERYLLIUM^{plus}

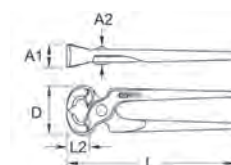
- A norma DIN ISO 5749
- Impugnatura rivestita
- Per diversi tipi di filo
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	A mm	D mm	L mm	S mm	g
962.0617	14,0	30,0	190,0	24,0	290

Tenaglia BERYLLIUM^{plus}

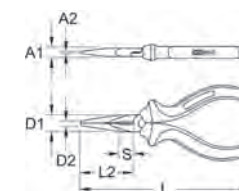
- Impugnatura rivestita
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)



	A1 mm	A2 mm	D mm	L1 mm	L2 mm	g
962.0640	16,0	14,0	43,0	175,0	19,0	430
962.0641	20,0	18,0	53,0	200,0	23,0	520

Pinza per telefonisti BERYLLIUM^{plus}

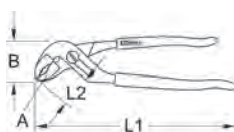
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)
- Impugnatura bi-componente



	A1 mm	A2 mm	D1 mm	D2 mm	L1 mm	L2 mm	S mm	g
962.0610	11,0	3,0	22,0	4,0	180,0	60,0	10,0	300

Pinza regolabile per tubi BERYLLIUM^{plus}

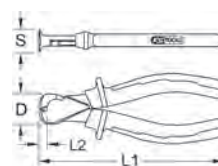
- A norma DIN ISO 8976
- Impugnatura rivestita
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	A mm	B mm	L1 mm	L2 mm	g
962.0605	30,0	53,0	250,0	33,0	350

Tronchese a tagliente frontale BERYLLIUM^{plus}

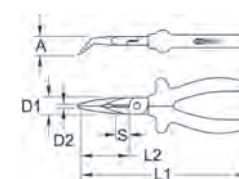
- Esecuzione rinforzata
- Impugnatura rivestita
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)



	D mm	L1 mm	L2 mm	S mm	g
962.0615	30,0	175,0	9,0	28	260

Pinza per telefonisti BERYLLIUM^{plus}, punte inclinate

- Punte piegate a 45°
- Antiscintilla
- Antideflagrante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)

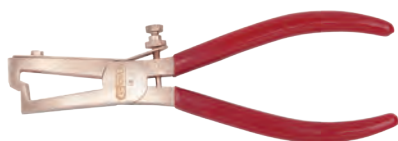
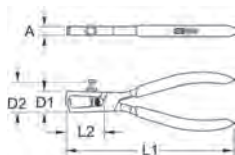


	A mm	D1 mm	D2 mm	L1 mm	L2 mm	S mm	g
962.0612	9,0	20,0	4,0	180,0	50,0	9,0	290



Pinza spelafili BE YLLIUMplus

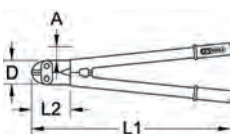
- Con molla e vite di fermo
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)



	A mm	D1 mm	D2 mm	L1 mm	L2 mm	kg
962.0635	10,0	25,0	28,0	170,0	40,0	260

Tagliabulloni BERYLLIUMplus

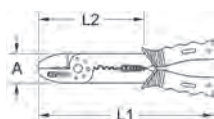
- Impugnatura rivestita
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)



	A mm	D mm	L1 mm	L2 mm	kg
962.0619	62,0	78,0	620,0	140,0	3,40

Pinza a crimpare BERYLLIUMplus

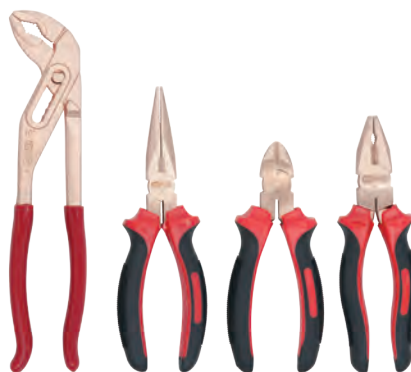
- Impugnatura rivestita
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)



	L1 mm	L2 mm	A mm	kg
962.0636	200,0	120,0	40,0	120

Serie di pinze BERYLLIUMplus

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame berillio (lega non ferrosa)



			kg
962.0650	4pz.	Serie di pinze BERYLLIUMplus	1,50
1 x		200 mm	
1 x		165 mm	
1 x		180 mm	
1 x		250 mm	



PINZETTE ANTISCINTILLA

BRONZEplus Pinzetta

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	kg
963.5604	100,0	100

BRONZEplus Pinzetta a punta

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	kg
963.5605	150,0	30

BRONZEplus Pinzetta smussata

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)

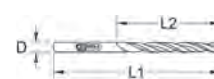


	L mm	kg
963.5606	100,0	30

PUNTE ANTISCINTILLA

BERYLLIUMplus Punta elicoidale

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	D mm	L1 mm	L2 mm	Contenuto	kg
962.9606	6,0	100,0	60,0	1	20
962.9607	7,0	120,0	70,0	1	30
962.9608	8,0	140,0	80,0	1	50
962.9609	9,0	160,0	100,0	1	70
962.9610	10,0	180,0	120,0	1	100
962.9611	11,0	200,0	130,0	1	120
962.9612	12,0	220,0	150,0	1	170
962.9613	13,0	240,0	160,0	1	220
962.9614	14,0	260,0	180,0	1	280
962.9615	15,0	280,0	200,0	1	360
962.9616	16,0	300,0	220,0	1	440
962.9617	17,0	300,0	220,0	1	500
962.9618	18,0	320,0	230,0	1	600
962.9619	19,0	320,0	230,0	1	700
962.9620	20,0	330,0	240,0	1	800

BERYLLIUMplus Serie di punte elicoidali

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)
- In robusta valigetta di plastica



		kg
962.9630	15pz. 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20mm	4,00

SEGHE ANTISCINTILLA

BRONZEplus Seghetto ad archetto

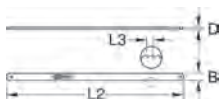
- Per lame da 300 mm
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	H mm	B mm
963.5108	300	200	0,90

BERYLLIUMplus Lama per seghetto

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	L2 mm	L3 mm	B mm	D mm	B mm
962.9034	300,0	1,0-1,3	12,0	0,6	30

BERYLLIUMplus Sega a mano

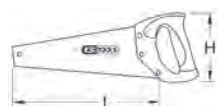
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	L mm	H mm	B mm
962.9035	370,0	90,0	500

BERYLLIUMplus Sega a mano/segaccio

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	L mm	H mm	B mm
962.9036	700,0	120,0	770

SPAZZOLE ANTISCINTILLA

BRONZEplus Spazzola, filo ondul to in lega tin-bronze

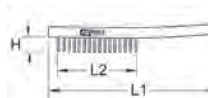
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	H mm
963.9580	180,0	70,0	300

BRONZEplus Spazzola, filo ondul to in lega tin-bronze

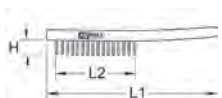
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Reihen	H mm	L1 mm	L2 mm	B mm
963.9581	3	30,0	350,0	120,0	190
963.9582	4	30,0	350,0	120,0	210
963.9583	5	30,0	350,0	120,0	190

BRONZEplus Spazzola manuale, filo ondul to in lega tin-bronze

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Reihen	H mm	L1 mm	L2 mm	B mm
963.9584	3	30,0	290,0	120,0	110
963.9585	4	30,0	290,0	120,0	130
963.9586	5	30,0	290,0	120,0	150

BRONZEplus Spazzola manuale, filo ondul to in lega tin-bronze

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm
963.9587	310,0	150,0	320

BRONZEplus Spazzolone

- Manico non in dotazione
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	H mm	B mm
963.9590	245,0	40,0	65,0	480

BRONZEplus Scopa filo ondul to, piatto

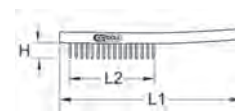
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	H mm	B mm
963.9591	300,0	70,0	100,0	1,50

BRONZEplus Spazzola per candele filo ondul to, piatto

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	H mm	L1 mm	L2 mm	B mm
963.9593	15,0	225,0	80,0	40

BRONZEplus Scovolino filo ondul to

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm
963.9594	300,0	40

BRONZEplus Spazzola a pennello, filo ondul to

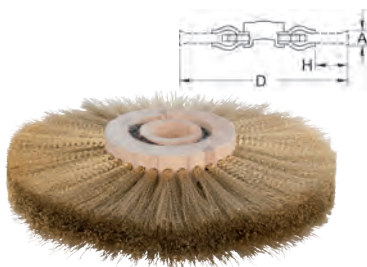
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	D1 mm	D2 mm	H mm	L mm	g
963.9595	26,0	6,0	30,0	80,0	640

BRONZEplus Spazzola tonda, filo ondul to in lega tin-bronze

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	A mm	D mm	H mm	g
963.9596	45,0	150,0	20,0	520

BRONZEplus Spazzola a tazza, filo ondul to in lega tin-bronze

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	D mm	H mm	L mm	g
963.9597	85,0	20,0	35,0	700

LIME BRONZEplus
Lima piatta BERYLLIUMplus

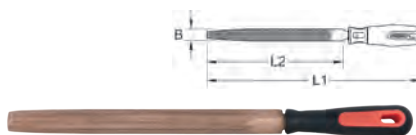
- A norma DIN 7261 forma A
- Impugnatura bi-componente
- Con foro per appendere
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



		B mm	L1 mm	L2 mm	
962.7301	1	25,0	360,0	245,0	330
962.7302	3	25,0	360,0	245,0	330

Lima mezzotonda BERYLLIUMplus

- A norma DIN 7261 forma E
- Impugnatura bi-componente
- Con foro per appendere
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



		B mm	L1 mm	L2 mm		
962.7101	1	22,0	365,0	250,0	340	
962.7102	3	22,0	365,0	250,0	340	

Lima tonda BERYLLIUMplus

- A norma DIN 7261 forma F
- Impugnatura bi-componente
- Con foro per appendere
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



		D mm	L1 mm	L2 mm		
962.7201	1	8,0	360,0	250,0	180	
962.7202	3	8,0	360,0	250,0	180	

COLTELLI ANTISCINTILLA
Coltello BERYLLIUMplus

- Lama robusta e resistente
- Impugnatura in plastica
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	B mm	L mm	S mm	g
962.9030	30,0	180,0	80	60

Coltello BRONZEplus

- Lama robusta e resistente
- Con impugnatura in plastica
- Esecuzione rinforzata
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	B mm	L mm	S mm	g
963.9510	30,0	300,0	200	300

FORBICI ANTISCINTILLA
Cesoia per lamiere BERYLLIUMplus

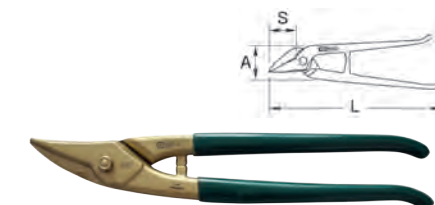
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	L1 mm	L2 mm	S mm	g
962.9015	300,0	120,0	70,0	450

Cesoia BERYLLIUMplus

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	A mm	L mm	S mm	g
962.9016	35,0	280,0	50	520

Forbici universali BERYLLIUMplus

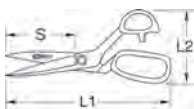
- Antiscintilla
- Antimagnetiche
- Antidefla ranti
- Resistenti alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	L1 mm	L2 mm	S mm	g
962.9017	210,0	110,0	80,0	300

Forbici universali BERYLLIUM^{plus}

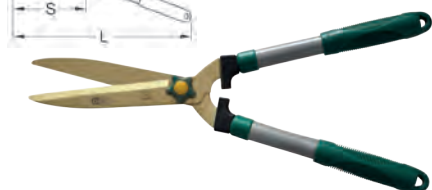
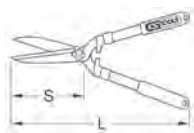
- Antiscintilla
- Antimagnetiche
- Antidefla ranti
- Resistenti alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	L1 mm	L2 mm	S mm	g
962.9018	220,0	90,0	100	450

BERYLLIUM^{plus} Cesoia per siepe

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	L mm	S mm	g
962.9033	520,0	300	1,40

UTENSILI DA TAGLIO BERYLLIUM^{plus}
BRONZE^{plus} Falce

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm	g
963.9651	380,0	220,0	200,0	800

BRONZE^{plus} Coltello a petto

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	A mm	g
963.5705	650,0	250,0	1,50

RASCHIETTI ANTISCINTILLA
BRONZE^{plus} Raschietto a zappetta

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	g
963.9520	200,0	22,0	210
963.9521	255,0	45,0	480
963.9522	300,0	50,0	570

BRONZE^{plus} Raschietto a zappetta con impugnatura

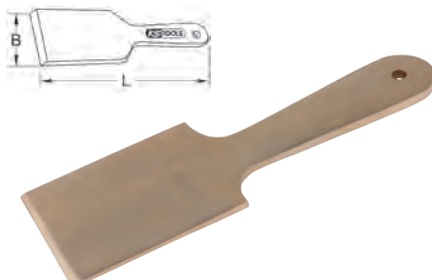
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm	g
963.9523	380,0	280,0	38,0	780


BRONZE^{plus} Raschietto per cabine di verniciatura

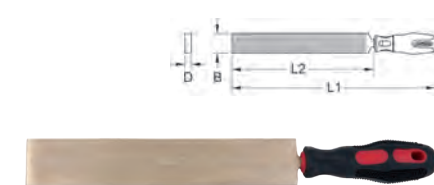
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	g
963.9530	235,0	75,0	450

Raschietto piatto BRONZE^{plus}

- A norma DIN 8350 forma A
- Superfici di l'oro lisce
- Impugnatura bi-componente
- Con foro per appendere
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	B mm	D mm	L1 mm	L2 mm	g
963.9531	37,0	6,0	315,0	205,0	290

Raschietto triangolare BRONZE^{plus}

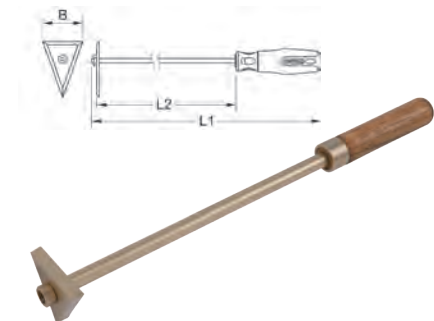
- A norma DIN 8350 forma C
- Superfici di l'oro lisce
- Impugnatura bi-componente
- Con foro per appendere
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	B mm	L1 mm	L2 mm	g
963.9532	16,0	365,0	255,0	220

BRONZE^{plus} Raschietto a testa triangolare

- A norma DIN 8350 forma C
- Superfici di l'oro lisce
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm	g
963.9533	420,0	100,0	70,0	650



BRONZEplus Raschietto con manico

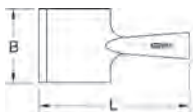
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	g
963.9534	480,0	95,0	620

Raschietto BRONZEplus

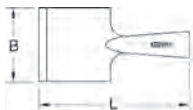
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	g
963.9535	220,0	75,0	0,58
963.9536	220,0	100,0	0,83
963.9537	220,0	125,0	0,88
963.9538	220,0	150,0	1,02

BRONZEplus Raschietto concavo

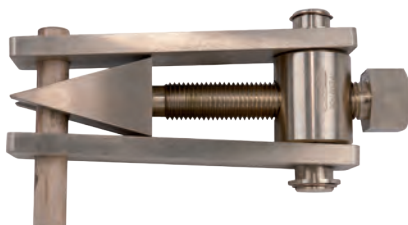
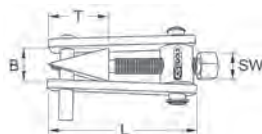
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	g
963.9539	240,0	100,0	0,90
963.9540	240,0	150,0	1,35


DIVARICATORE PER FLANGE ANTISCINTILLA
BRONZEplus Divaricatore per flange

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	mm	L mm	B mm	T mm	g
963.5607	46	300,0	60,0	55,0	7,20


MARTELLI ANTISCINTILLA
Martello per meccanica BRONZEplus

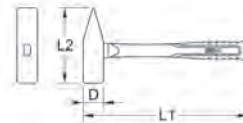
- Con manico in hickory
- Modello americano
- Testa levigata lucida
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D1 mm	D2 mm	L1 mm	L2 mm	g
963.2105	100	20,0	17,0	310,0	50,0	0,25
963.2106	150	24,0	20,0	310,0	55,0	0,30
963.2107	200	25,0	21,0	310,0	60,0	0,35
963.2108	300	30,0	25,0	310,0	65,0	0,45
963.2109	400	34,0	18,0	340,0	70,0	0,60
963.2110	500	36,0	30,0	340,0	75,0	0,66
963.2111	600	38,0	32,0	340,0	80,0	0,76
963.2112	700	40,0	34,0	340,0	85,0	0,86
963.2113	800	42,0	36,0	380,0	90,0	0,97
963.2114	900	44,0	38,0	380,0	95,0	1,06
963.2115	1000	45,0	40,0	380,0	100,0	1,17
963.2116	1300	50,0	42,0	400,0	110,0	1,47
963.2117	1500	52,0	44,0	400,0	120,0	1,67
963.2118	2000	54,0	46,0	400,0	130,0	2,20

Martello per meccanica BRONZEplus

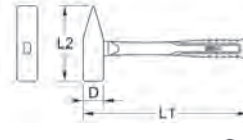
- A norma DIN 1041
- Con manico in hickory
- Testa e penna levigate
- Angoli arrotondati
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	g
963.2005	100	15,0	260,0	82,0	0,17
963.2006	150	16,0	260,0	87,0	0,22
963.2007	200	19,0	280,0	95,0	0,27
963.2008	300	23,0	280,0	105,0	0,37
963.2009	400	25,0	310,0	112,0	0,47
963.2010	500	27,0	310,0	115,0	0,50
963.2011	600	29,0	310,0	120,0	0,72
963.2012	700	30,0	340,0	125,0	0,82
963.2013	800	33,0	340,0	128,0	0,93
963.2014	900	34,0	360,0	133,0	1,05
963.2015	1000	35,0	360,0	136,0	1,15
963.2016	1250	40,0	380,0	140,0	1,40
963.2017	1500	42,0	400,0	145,0	1,70
963.2018	2000	45,0	400,0	155,0	2,30

Martello per meccanica BRONZEplus

- A norma DIN 1041
- Manico in fib a di vetro
- Testa e penna levigate
- Angoli arrotondati
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)

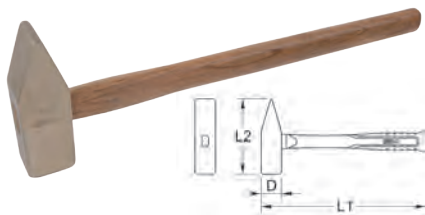


	g	D mm	L1 mm	L2 mm	g
963.2019	300	23,0	310,0	105,0	0,37
963.2020	400	25,0	310,0	112,0	0,47
963.2021	500	27,0	310,0	115,0	0,60
963.2022	800	33,0	340,0	130,0	0,90
963.2023	1000	35,0	340,0	135,0	1,13
963.2024	1500	42,0	400,0	145,0	1,70
963.2025	2000	45,0	400,0	155,0	2,40



Mazza BRONZEplus

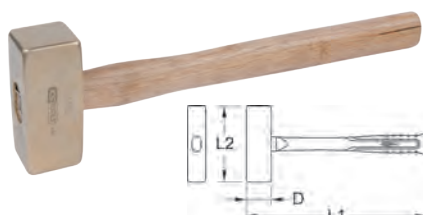
- A norma DIN 1042
- Con manico in hickory
- Testa e penna levigate
- Angoli arrotondati
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	kg
963.2030	2500	50,0	900,0	165,0	3,00
963.2031	3000	55,0	900,0	175,0	3,70
963.2032	4000	60,0	900,0	180,0	4,80
963.2033	5000	68,0	900,0	185,0	5,80
963.2034	6000	74,0	900,0	190,0	6,80
963.2035	8000	78,0	900,0	195,0	8,90
963.2036	9000	82,0	900,0	200,0	9,90
963.2037	10000	85,0	900,0	210,0	10,90
963.2038	12000	90,0	900,0	220,0	13,00
963.2039	15000	100,0	900,0	230,0	16,00

Mazzetta BRONZEplus

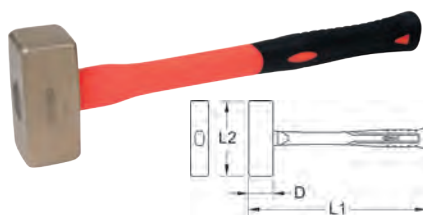
- A norma DIN 6475
- Con manico in hickory
- Testa levigata lucida
- Angoli arrotondati
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	kg
963.2050	1000	40,0	400,0	95,0	1,17
963.2051	1250	40,0	400,0	115,0	1,40
963.2052	1500	45,0	400,0	115,0	1,70
963.2053	2000	50,0	400,0	115,0	2,20
963.2054	2500	55,0	400,0	130,0	2,70
963.2055	3000	55,0	900,0	145,0	3,70
963.2056	4000	60,0	900,0	150,0	4,70
963.2057	5000	65,0	900,0	170,0	5,70
963.2058	6000	70,0	900,0	170,0	6,80
963.2059	8000	75,0	900,0	190,0	8,80
963.2060	10000	80,0	900,0	210,0	10,90

Mazzetta BRONZEplus

- A norma DIN 6475
- Manico in fib a di vetro
- Testa levigata lucida
- Angoli arrotondati
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	kg
963.2061	1000	40,0	400,0	105,0	1,30
963.2062	1250	42,0	400,0	110,0	1,60
963.2063	1500	44,0	400,0	115,0	1,90
963.2064	2000	48,0	400,0	130,0	2,40
963.2065	2500	52,0	400,0	150,0	2,90
963.2066	3000	54,0	900,0	155,0	4,00
963.2067	4000	58,0	900,0	160,0	5,10
963.2068	5000	64,0	900,0	165,0	6,10
963.2069	6000	67,0	900,0	175,0	7,10
963.2070	8000	75,0	900,0	190,0	9,10
963.2071	10000	78,0	900,0	205,0	10,10

Mazza BRONZEplus

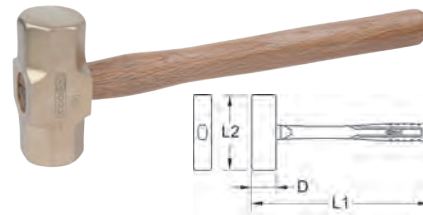
- A norma DIN 1041
- Manico in fib a di vetro
- Testa e penna levigate
- Angoli arrotondati
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	kg
963.2040	3000	55,0	900,0	175,0	4,05
963.2041	4000	60,0	900,0	180,0	5,10
963.2042	5000	68,0	900,0	185,0	6,10
963.2043	8000	78,0	900,0	195,0	9,10
963.2044	10000	85,0	900,0	210,0	11,15


BRONZEplus Mazzetta da minatore

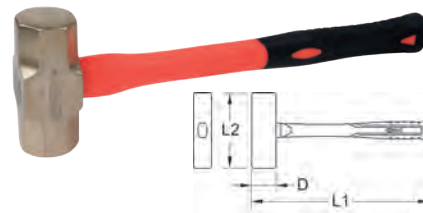
- A norma DIN 6475
- Con manico in hickory
- Testa levigata lucida
- Angoli arrotondati
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	kg
963.2080	1000	40,0	350,0	115,0	1,40
963.2081	1500	44,0	400,0	118,0	1,95
963.2082	2500	55,0	400,0	150,0	3,00
963.2083	3500	58,0	900,0	160,0	4,20
963.2084	5000	65,0	900,0	175,0	5,75
963.2085	8000	80,0	900,0	200,0	8,75

BRONZEplus Mazzetta da minatore

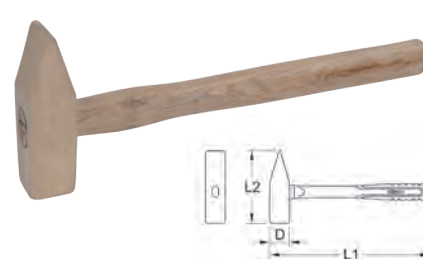
- A norma DIN 6475
- Manico in fib a di vetro
- Testa levigata lucida
- Angoli arrotondati
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	kg
963.2086	1000	40,0	350,0	115,0	1,50
963.2087	1500	44,0	400,0	118,0	2,05
963.2088	2500	55,0	400,0	150,0	3,10
963.2089	3500	58,0	900,0	160,0	4,60
963.2090	5000	65,0	900,0	175,0	6,10
963.2091	8000	80,0	900,0	200,0	8,10

BRONZEplus Martello

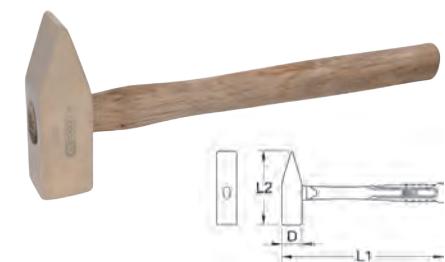
- Secondo norme DIN 1041
- Con manico in Hickory
- Forma americana
- Testa levigata lucida
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	kg
963.2120	700	30,0	310,0	115,0	0,90
963.2121	1200	40,0	400,0	135,0	1,40
963.2122	1600	40,0	400,0	140,0	1,85

BRONZEplus Martello spaccapietre

- A norma DIN 1041
- Con manico in hickory
- Testa e penna levigate
- Angoli arrotondati
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	kg
963.2125	1500	42,0	395,0	145,0	1,70

BRONZEplus Martello con penna a punta

- Con manico in hickory
- Testa e penna levigate
- Angoli arrotondati
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	kg
963.2130	1000	32,0	400,0	140,0	1,15
963.2131	2000	45,0	600,0	160,0	2,15
963.2132	3000	50,0	900,0	180,0	3,80
963.2133	5000	60,0	900,0	220,0	5,80

BRONZEplus Martello da macchinista

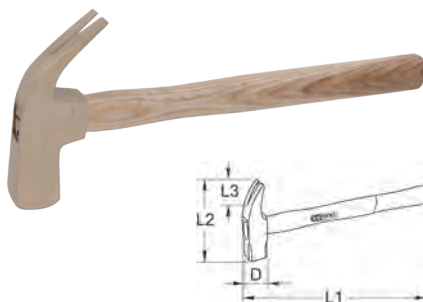
- Con manico in hickory
- Forma americana
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	kg
963.2140	100	20,0	310,0	50,0	0,24
963.2141	300	28,0	310,0	65,0	0,44
963.2142	500	32,0	310,0	80,0	0,64
963.2143	600	33,0	340,0	90,0	0,74
963.2144	800	36,0	340,0	100,0	0,95
963.2145	900	37,0	380,0	110,0	1,10
963.2146	1100	38,0	380,0	120,0	1,25

BRONZEplus Martello a granchio

- Con manico in hickory
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	L3 mm	kg
963.2150	300	20,0	310,0	110,0	25,0	440
963.2151	400	23,0	340,0	120,0	30,0	540
963.2152	500	26,0	340,0	125,0	30,0	640
963.2153	600	28,0	340,0	135,0	30,0	740

BRONZEplus Martello per muratori

- Secondo norme DIN 5108
- Con manico in hickory
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	S mm	kg
963.2160	600	27,0	310,0	120,0	40,0	0,70
963.2161	800	35,0	310,0	135,0	45,0	0,90
963.2162	1000	40,0	400,0	145,0	48,0	1,15

Martello per muratori BRONZEplus

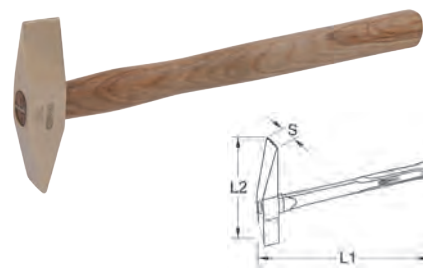
- Con manico in hickory
- Forma americana
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	S mm	kg
963.2163	700	22,0	360,0	170,0	34,0	840

BRONZEplus Martello gratta ruggine e incrostazioni

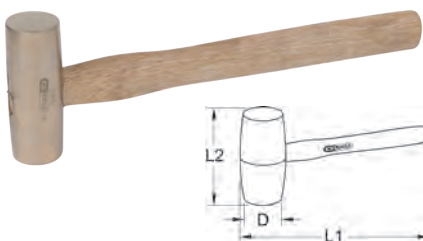
- Con manico in hickory
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	L1 mm	L2 mm	S mm	kg
963.2170	200	280,0	115,0	19,0	0,25
963.2171	400	310,0	125,0	27,0	0,50
963.2172	500	310,0	140,0	30,0	0,62
963.2173	600	310,0	145,0	32,0	0,75
963.2174	800	340,0	150,0	35,0	0,95
963.2175	900	340,0	155,0	38,0	1,10
963.2176	1400	380,0	160,0	45,0	1,60

BRONZEplus Mazzetta

- Con manico in hickory
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	kg
963.2180	900	45,0	380,0	75,0	1,10
963.2181	1800	60,0	380,0	85,0	2,00
963.2182	2700	70,0	790,0	90,0	3,00

Martello da taglio BRONZEplus

- Con manico in hickory
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	kg
963.2595	1300	40,0	400,0	140,0	1,53
963.2596	2100	45,0	400,0	155,0	2,62

Punzone BRONZEplus

- Con manico in hickory
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	g	D mm	L1 mm	L2 mm	kg
963.2405	800	8,0	340,0	140,0	0,95
963.2406	800	10,0	340,0	140,0	0,95
963.2407	1200	12,0	380,0	160,0	1,40
963.2408	1200	16,0	380,0	160,0	1,40

Anello da cintura per martello BRONZEplus

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



		kg
963.5602	fino a 2 g	80
963.5603	2 - 6 kg	140


ACCETTA ANTISCINTILLA
BRONZEplus Zappa

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Infrangibile
- Alluminio-bronzo (lega non ferrosa)



	S mm	L mm	kg
963.9605	120,0	950,0	2,30

BRONZEplus Scuri

- Con manico in hickory
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	D mm	L1 mm	L2 mm	L3 mm	kg
963.9606	50,0	480,0	155,0	110,0	1,45
963.9607	70,0	610,0	185,0	110,0	1,50

BRONZEplus Ascia

- Con manico in hickory
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	D mm	L1 mm	L2 mm	L3 mm	kg
963.9608	60,0	750,0	185,0	130,0	1,60
963.9609	60,0	900,0	185,0	130,0	2,20

BRONZEplus Scuri per pompieri

- Secondo norme DIN 14900
- Con manico in Hickory
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	L3 mm	kg
963.9610	800,0	240,0	100,0	2,60

BERYLLIUMplus Scuri per pompieri

- Manico in fib a di vetro
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	A mm	L1 mm	L2 mm	L3 mm	kg
962.9032	27,0	400,0	200,0	85,0	900

BRONZEplus Picozza manuale

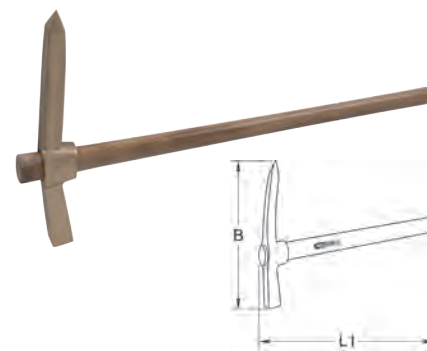
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	kg
963.9611	420,0	220,0	2,15

GANCI ANTISCINTILLA
BRONZEplus Picchetto da minatore

- Manico non in dotazione
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	kg
963.9612	890,0	400,0	2,20

Gaffa da pompiere BRONZEplus

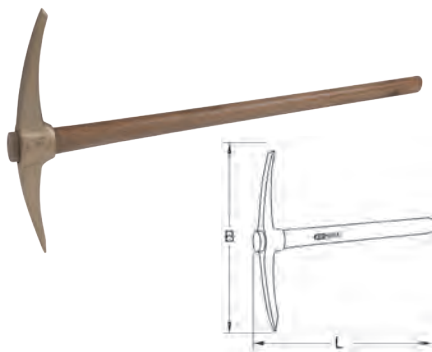
- A norma DIN 14851
- Manico non in dotazione
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	Larghezza in mm	kg
963.9613	380,0	176,0	1,80

BRONZEplus Piccone

- A norma DIN 20109
- Con manico in faggio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Infrangibile
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	kg
963.9620	800,0	400,0	2,15
963.9621	950,0	500,0	3,50
963.9622	950,0	550,0	4,00

BRONZEplus Piccone

- Con manico in faggio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	kg
963.9623	950,0	650,0	4,10

SCALPELLI BERYLLIUMplus
Scalpello piatto BRONZEplus

- A norma DIN 6453
- Forma ovale piatta
- Tagli precisi
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	A mm	H mm	kg
963.2415	150,0	20,0	8,0	200
963.2416	200,0	25,0	8,0	320
963.2417	250,0	25,0	10,0	550
963.2418	300,0	25,0	10,0	560
963.2419	400,0	30,0	12,0	630
963.2420	450,0	30,0	12,0	750
963.2421	500,0	30,0	12,0	920

BRONZEplus Scalpelli piatti

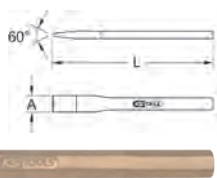
- Forma ovale piatta
- Tagli precisi
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	A mm	H mm	kg
963.2430	200,0	25,0	5,0	360
963.2431	250,0	25,0	5,0	460
963.2432	300,0	25,0	5,0	550

BRONZEplus Scalpelli per muratori

- Secondo norme DIN 7254
- Taglienti senza sbavature
- Esagonale
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	A mm	kg
963.2440	200,0	6,0	0,15
963.2441	150,0	8,0	0,04
963.2442	150,0	10,0	0,12
963.2443	150,0	14,0	0,20
963.2444	200,0	14,0	0,25
963.2445	250,0	14,0	0,30
963.2446	300,0	14,0	0,40
963.2447	150,0	17,0	0,30
963.2448	250,0	17,0	0,45
963.2449	300,0	17,0	0,55
963.2450	200,0	19,0	0,50
963.2451	250,0	19,0	0,60

	L mm	A mm	kg
963.2452	350,0	19,0	0,85
963.2453	400,0	19,0	1,00
963.2454	250,0	22,0	0,85
963.2455	300,0	22,0	1,00
963.2456	500,0	22,0	1,60
963.2457	600,0	22,0	2,00
963.2458	250,0	27,0	0,58
963.2459	300,0	32,0	0,85

Scalpello a unghietta piatta BRONZEplus

- A norma DIN 6451
- Forma ovale piatta
- Tagli senza bavature
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	A mm	H mm	kg
963.2470	150,0	8,0	18,0	250
963.2471	200,0	8,0	20,0	340
963.2472	250,0	8,0	22,0	480
963.2473	300,0	10,0	25,0	640

Scalpello a unghietta piatta BRONZEplus

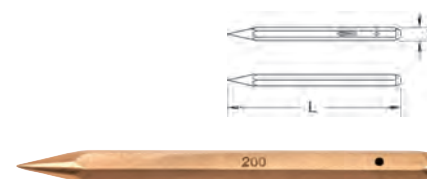
- Secondo norme DIN 6451
- Esagonale
- Tagliente senza sbavature
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	A mm	kg
963.2480	200,0	14,0	270
963.2481	250,0	14,0	330
963.2482	300,0	17,0	550
963.2483	400,0	19,0	960

Scalpello a punta BRONZEplus

- Secondo norme DIN 6451
- Esagonale
- Tagliente senza sbavature
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	S mm	kg
963.2490	200,0	14,0	270
963.2491	250,0	14,0	330
963.2492	300,0	17,0	550
963.2493	400,0	19,0	960

BRONZEplus Scalpelli per muratura

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	H mm	B mm	g
963.2505	380,0	33,0	33,0	5,00

CACCIASPINE E PUNZONI ANTISCINTILLA

BRONZEplus Punta per tracciare

- Per tracciare pezzi da lavorare
- Punta diritta e piegata a 70°
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	Ø mm	g
963.2510	190,0	4,0	50
963.2511	225,0	6,0	50

BRONZEplus Chiodo ad angolo

- Per tracciare pezzi da lavorare
- Punta diritta e piegata a 90°
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	Ø mm	g
963.2515	300,0	100,0	13,0	0,20
963.2516	450,0	150,0	19,0	1,30
963.2517	450,0	150,0	16,0	0,93
963.2518	450,0	150,0	24,0	2,00
963.2519	450,0	150,0	27,0	2,30
963.2520	450,0	150,0	30,0	3,30
963.2521	500,0	150,0	16,0	1,30
963.2522	600,0	200,0	20,0	2,40
963.2523	800,0	200,0	22,0	3,40



BRONZEplus Alesatore quadrato

- Da inserire per allargare fori
- Impugnatura in materiale bi-componente
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	Ø mm	g
963.2525	180,0	100,0	5,0	80

Punzone BRONZEplus

- Secondo norme DIN 6458
- Forma conica
- Esecuzione rinforzata
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	D mm	S mm	g
963.2530	150,0	6,0	13,0	100
963.2531	150,0	7,0	17,0	100
963.2532	200,0	8,0	21,0	320
963.2533	250,0	12,0	24,0	450
963.2534	250,0	13,0	30,0	600

Punzone BRONZEplus

- Secondo norme DIN 6458
- Forma conica
- Esecuzione estremamente pesante
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	D mm	S mm	g
963.2535	220,0	5,0	16,0	280
963.2536	230,0	10,0	19,0	420
963.2537	250,0	13,0	24,0	880

Punzone BRONZEplus

- A forma di asta fil itata
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	D mm	S mm	g
963.2540	200,0	8,0	17,0	230
963.2541	200,0	8,0	21,0	360
963.2542	200,0	10,0	24,0	270
963.2543	200,0	13,0	27,0	630
963.2544	200,0	18,0	30,0	880
963.2545	200,0	22,0	32,0	1050

Punteruolo BRONZEplus

- A norma DIN 7250
- Stelo zigrinato
- Conico
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	D mm	g
963.2550	100,0	3,0	30
963.2551	110,0	4,0	60
963.2552	125,0	5,0	100
963.2553	150,0	6,0	200

BRONZEplus Serie di cacciapine

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)
- In astuccio avvolgibile



	g
963.2560 6pz. BRONZEplus Serie di cacciapine	310

BRONZEplus Serie di punzoni

- Secondo norme DIN 6450
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)
- In astuccio avvolgibile



	g
963.2590 6pz. 3 - 4 - 5 - 6 - 8 - 10 mm	440

BRONZEplus Punzone

- Secondo norme DIN 6450
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	D mm	S mm	g
963.2591	110,0	3,0	9,0	35
963.2592	110,0	4,0	10,0	40
963.2593	120,0	5,0	11,0	78
963.2594	120,0	6,0	12,0	86
963.2597	130,0	8,0	14,0	178
963.2598	140,0	10,0	16,0	205

BRONZEplus Punta per montaggio

- Quadrato
- Secondo norme DIN 6450
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	D mm	S mm	g
963.2566	500,0	5,0	20,0	1,20

BRONZEplus Punzone dritto

- A norma DIN 6451
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	D mm	S mm	g
963.2570	85,0	8,0	12,0	40
963.2571	90,0	10,0	14,0	50
963.2572	100,0	13,0	16,0	70
963.2573	110,0	16,0	20,0	100
963.2574	140,0	19,0	25,0	180
963.2575	160,0	21,0	28,0	270
963.2576	200,0	25,0	30,0	450
963.2577	240,0	29,0	35,0	630

BRONZEplus Punzone da montaggio

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	D mm	S mm	g
963.2580	180,0	5,0	12,0	110
963.2581	200,0	6,0	13,0	150
963.2582	200,0	8,0	16,0	220
963.2583	200,0	9,0	20,0	340
963.2584	230,0	10,0	22,0	460
963.2585	250,0	11,0	25,0	620
963.2586	280,0	12,0	27,0	870
963.2587	320,0	14,0	30,0	1260
963.2588	350,0	15,0	32,0	1570
963.2589	380,0	16,0	36,0	2230

BRONZEplus Spina per la pulizia dei fili tti

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Ø mm	L mm	g
963.9505	6,0	300,0	20
963.9506	10,0	300,0	180
963.9507	13,0	300,0	350

BERYLLIUMplus Calceatoio / utensile per sigillatura

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	B mm	L mm	g
962.0202	2,0	150,0	370
962.0203	3,0	160,0	410
962.0204	4,0	180,0	390
962.0205	5,0	200,0	520
962.0206	6,0	200,0	420
962.0207	7,0	220,0	500
962.0208	8,0	220,0	520
962.0209	9,0	220,0	520
962.0210	10,0	250,0	600
962.0212	12,0	250,0	540

UTENSILI PER L'EDILIZIA BERYLLIUMplus
BRONZEplus Raschietto per ruggine

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	g
963.9545	600,0	75,0	0,53
963.9546	800,0	75,0	0,62
963.9547	1000,0	75,0	0,74
963.9548	1200,0	75,0	1,16

BRONZEplus Cazzuola da muratore

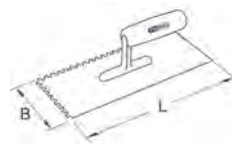
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	g
963.9550	215,0	130,0	350
963.9551	240,0	135,0	540

BRONZEplus Cazzuola per lisciatura

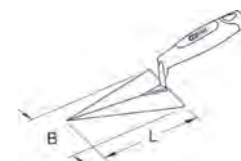
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	g
963.9552	280,0	120,0	810

BRONZEplus Cazzuola a punta

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	g
963.9553	180,0	92,0	180


BRONZEplus Cazzuola per fughe

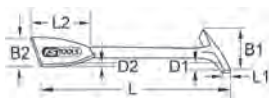
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	g
963.9554	100,0	10,0	100

BRONZEplus Utensile di pulizia

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B1 mm	B2 mm	D1 mm	D2 mm	L1 mm	L2 mm	g
963.9565	480,0	110,0	70,0	20,0	10,0	40,0	125,0	1,20

BRONZEplus Raschietto per pavimenti

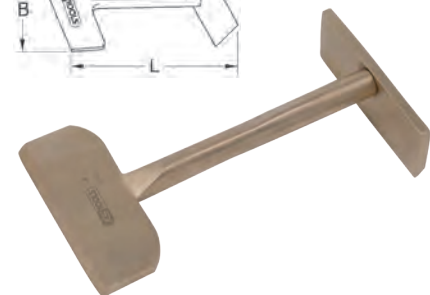
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	g
963.9570	170,0	150,0	720

BRONZEplus Raschietto piatto

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	g
963.9575	150,0	75,0	500
963.9576	235,0	125,0	800


BRONZEplus Tira acqua

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	g
963.9592	600,0	300

Secchio antiscintilla

- Manico girevole
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura



	Materiale	H mm	D mm	g
963.5505	10 Ottone	270,0	185,0	1,46
963.5506	12 Alluminio	290,0	200,0	0,74

SPATOLE ANTISCINTILLA
BRONZEplus Spatola larga, con lama rigida

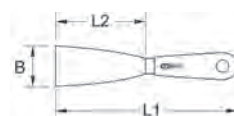
- Impugnatura in legno
- Con foro per appendere
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm	g
963.9560	195,0	80,0	120,0	250
963.9561	195,0	80,0	140,0	270
963.9562	205,0	90,0	160,0	300
963.9563	205,0	90,0	180,0	350

BERYLLIUMplus Raschietto con lama flessibile

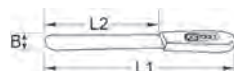
- Impugnatura in legno
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	L1 mm	L2 mm	B mm	g
962.9031	200,0	95,0	75,0	130

BRONZEplus Spatola a coltello

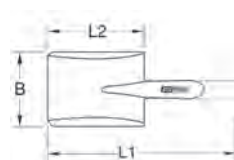
- Impugnatura in legno
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm	g
963.9515	260,0	150,0	25,0	350
963.9516	350,0	230,0	40,0	800
963.9517	490,0	355,0	50,0	1750

PALE E FORCHE ANTISCINTILLA
BRONZEplus Vanga

- Con manico in faggio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm	Impugnatura a T Impugnatura a T	g
963.9630	1250,0	260,0	180,0	3,50	
963.9631	1250,0	260,0	180,0	3,65	

BRONZEplus Vanga pieghevole

- Con manico in faggio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm	kg
963.9632	740,0	320,0	180,0	1,30

BRONZEplus Pala

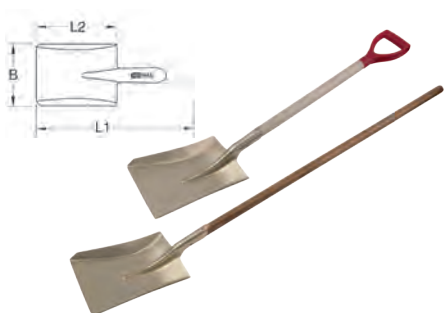
- Con manico in faggio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm		kg
963.9635	1400,0	340,0	260,0	Diritta	1,85
963.9636	1150,0	340,0	260,0	Impugnatura a T	1,85

BRONZEplus Pala con bordo

- Con manico in faggio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm		kg
963.9637	1400,0	400,0	270,0	Diritta	1,95
963.9638	1150,0	400,0	270,0	Impugnatura a T	1,95

BRONZEplus Pala manuale

- Con manico in faggio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm	kg
963.9639	540,0	220,0	180,0	720

BRONZEplus Forca per letame

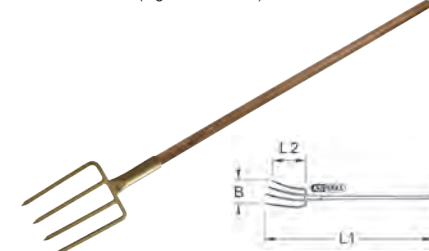
- Con manico in faggio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm	kg
963.9645	1600,0	330,0	230,0	1,64

BRONZEplus Forca a badile

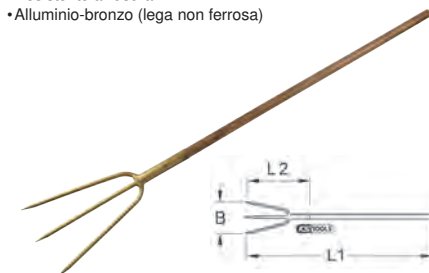
- Con manico in faggio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm	kg
963.9646	1000,0	290,0	180,0	2,10

BRONZEplus Forcone da fien

- Con manico in faggio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm	kg
963.9647	1600,0	290,0	180,0	1,28

BRONZEplus Forca per fulmicotone

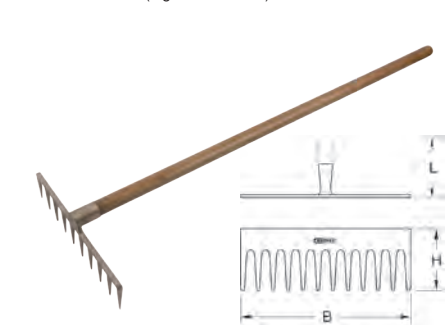
- Manico non in dotazione
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	B mm	kg
963.9648	200,0	140,0	90,0	0,60
963.9649	370,0	250,0	150,0	1,80

Rastrello BRONZEplus

- Con manico in faggio
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	H mm	kg
963.9650	1600,0	360,0	90,0	1,53

CUNEI ANTISCINTILLA
Cuneo BRONZEplus

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	H mm	kg
963.2205	80,0	15,0	6,0	0,04
963.2206	90,0	50,0	10,0	0,20
963.2207	100,0	50,0	10,0	0,21
963.2208	105,0	19,0	13,0	0,10
963.2209	150,0	25,0	13,0	0,25
963.2210	150,0	30,0	13,0	0,28
963.2211	150,0	38,0	19,0	0,40
963.2212	150,0	40,0	13,0	0,35
963.2213	180,0	32,0	13,0	0,30
963.2214	180,0	50,0	10,0	0,40
963.2215	180,0	50,0	19,0	0,70
963.2216	200,0	38,0	25,0	0,90
963.2217	200,0	38,0	41,0	1,30
963.2218	200,0	40,0	40,0	1,38
963.2219	200,0	50,0	19,0	0,80
963.2220	215,0	50,0	32,0	1,40
963.2221	230,0	40,0	20,0	1,00

BRONZEplus Cuneo con foro

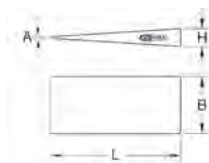
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	H mm	Diámetro del for	kg
963.2225	100,0	30,0	15,0	6 mm	220

BRONZEplus Cuneo distanziatore

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	H mm	A mm	kg
963.2226	250,0	50,0	5,0	1,2	200

BRONZEplus Cuneo con testa a nasello

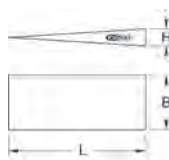
- Per un accoppiamento geometrico di albero e mozzo ruota
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	H mm	A mm	kg
963.2230	340,0	20,0	40,0	2,60	
963.2231	340,0	30,0	40,0	2,80	
963.2232	400,0	30,0	40,0	3,50	

BRONZEplus Cuneo da cavapietre

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	H mm	A mm	kg
963.2235	120,0	50,0	44,0	1,10	
963.2236	150,0	45,0	45,0	1,40	
963.2237	190,0	55,0	47,0	2,00	
963.2238	240,0	60,0	50,0	3,00	


BRONZEplus Coltello per guarnizioni diritto con perno

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	S mm	D mm	kg
963.9655	400,0	25,0	220	300	

BRONZEplus Coltello per guarnizioni rotondo

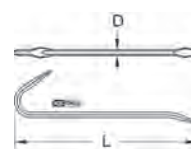
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	S mm	D mm	kg
963.9656	690,0	30,0	400	1,20	
963.9657	1240,0	40,0	800	2,00	


LEVACHIODI ANTISCINTILLA
BRONZEplus Levachiodi/apricasse

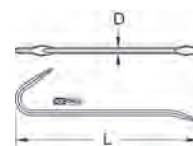
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	D mm	kg
963.9705	300,0	14,0	0,40
963.9706	450,0	9,0	1,10
963.9707	600,0	19,0	1,50
963.9708	750,0	22,0	2,50
963.9709	900,0	22,0	3,00

BRONZEplus Leva per casse

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	D mm	kg
963.9715	300,0	14,0	0,40
963.9716	450,0	19,0	1,10
963.9717	600,0	19,0	1,50
963.9718	750,0	22,0	2,50
963.9719	900,0	22,0	3,00


PIEDI DI PORCO ANTISCINTILLA
BRONZEplus Piede di porco

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	S mm	kg
963.9720	450,0	19,0	1,10
963.9721	600,0	19,0	1,50
963.9722	750,0	22,0	2,50
963.9723	900,0	22,0	3,00
963.9724	1000,0	22,0	3,30
963.9725	1250,0	27,0	6,10
963.9726	1500,0	27,0	7,30
963.9727	1800,0	30,0	11,10
963.9728	2000,0	30,0	12,30

BRONZEplus Piede di porco con punta e tagliente

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	Ø mm	kg
963.9730	1000,0	30	6,15
963.9731	1250,0	30	7,70
963.9732	1500,0	30	9,25
963.9733	1800,0	30	11,10
963.9734	2000,0	30	12,30

BRONZEplus Piede di porco con punta e ganasce

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	Ø mm	kg
963.9735	1000,0	30	6,15
963.9736	1250,0	30	7,70
963.9737	1500,0	30	9,25
963.9738	1800,0	30	11,10
963.9739	2000,0	30	12,30

BRONZEplus Piede di porco con punta e sfera

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	Ø mm	kg
963.9745	1000,0	30	6,15
963.9746	1250,0	30	7,70
963.9747	1500,0	30	9,25
963.9748	1800,0	30	11,10
963.9749	2000,0	30	12,30

BRONZEplus Piede di porco con punta e sfera

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	Ø mm	kg
963.9755	1000,0	30	6,15
963.9756	1250,0	30	7,70
963.9757	1500,0	30	9,25
963.9758	1800,0	30	11,10
963.9759	2000,0	30	12,30


BRONZEplus Leva di sollevamento

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	B mm	kg
963.9765	650,0	20,0	2,00
963.9766	800,0	20,0	2,70
963.9767	1000,0	20,0	3,40
963.9768	1250,0	25,0	6,20
963.9769	1500,0	25,0	7,70

BRONZEplus Leverino per montaggi

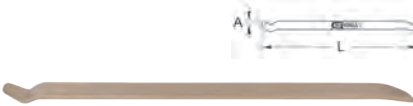
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	A mm	Ø mm	kg
963.9775	200,0	5,0	19	0,66
963.9776	300,0	5,0	19	1,00
963.9777	400,0	5,0	19	1,30
963.9778	500,0	5,0	19	1,60
963.9779	600,0	5,0	19	2,00

BRONZEplus Leva di montaggio

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	A mm	kg
963.9785	200,0	20,0	350
963.9786	300,0	25,0	470
963.9787	400,0	30,0	600
963.9788	500,0	35,0	770
963.9789	600,0	38,0	900

BRONZEplus Leva di montaggio, esecuzione pesante, curvata

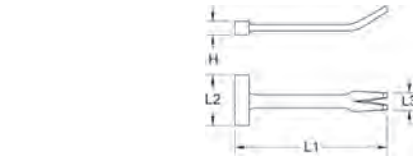
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	A mm	kg
963.9790	600,0	25,0	1,00

Apricasse BRONZEplus

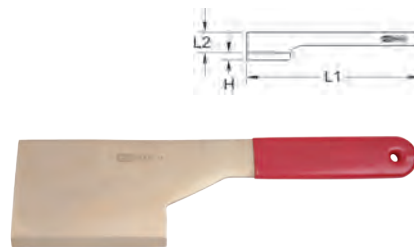
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	H mm	L1 mm	L2 mm	L3 mm	kg
963.5105	22,0	230,0	70,0	30,0	490

BRONZEplus Leva per fusti in carburo

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	H mm	L1 mm	L2 mm	kg
963.5106	10,0	300,0	75,0	750

SOLLEVATORI PER FUSTI ANTISCINTILLA
BRONZEplus Sollevatore per fusti

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



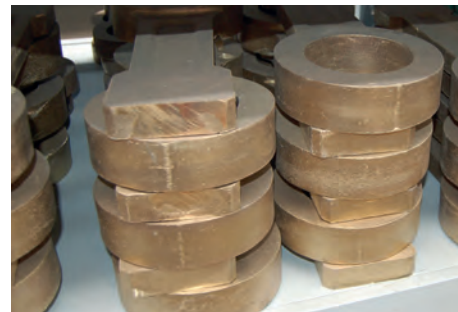
	L mm	Portata max. kg	kg
963.5107	1060,0	600	3,80

GRILLI ANTISCINTILLA
Grillo BERYLLIUMplus

- Forma dritta
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- temprato
- Rame-berillio (lega non ferrosa)



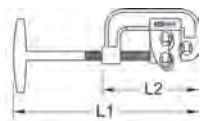
	D mm	L mm	B mm	kg
962.9520	25,0	40,0	30,0	100
962.9521	28,0	78,0	37,0	150



TAGLIATUBI ANTISCINTILLA

Tagliatubi BRONZE^{plus}

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)

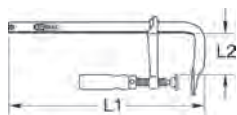


	Ø mm	L1 mm	kg
963.5109	50,0	340,0	2,50

TENSIONATORI ANTISCINTILLA

BRONZE^{plus} Serragiunti

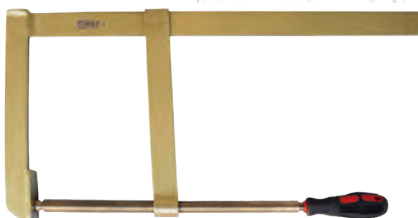
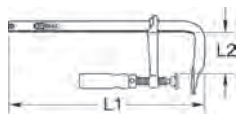
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	kg
963.5020	480,0	130,0	2,10

BRONZE^{plus} Serragiunti

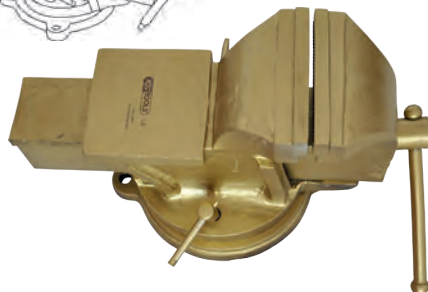
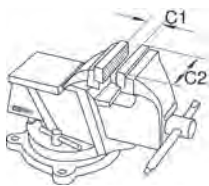
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L1 mm	L2 mm	kg
963.5021	480,0	250,0	3,70

Morsa BRONZE^{plus}

- Con base girevole
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	C1 mm	C2 mm	kg
963.5005	100,0	90,0	6,50
963.5006	130,0	125,0	15,50
963.5007	150,0	150,0	26,50
963.5008	170,0	170,0	27,40

SONDE AD AGO ANTISCINTILLA

BERYLLIUM^{plus} Sonda di ascolto ad ago

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	L mm	Ø mm	kg
962.0220	250,0	6,0	70
962.0221	300,0	8,0	150
962.0222	400,0	7,0	160
962.0223	500,0	10,0	330

BERYLLIUM^{plus} Sonda di ascolto ad ago con testa sferica

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	L mm	Ø mm	kg
962.0224	500,0	6,0	130

BERYLLIUM^{plus} Sonda

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Molto resistente
- Rame-berillio (lega non ferrosa)



	L mm	Ø mm	kg
962.0225	180,0	3,0	20

POMPA PER OLIO ANTISCINTILLA

BRONZE^{plus} Pompa olio, trasportabile e utilizzabile con una sola mano

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	L mm	kg
963.5805	1350,0	5,00

SOLLEVATORI ANTISCINTILLA

BRONZE^{plus} Carrelli elevatori

- Transpallet 2,0 t - standard
- Lunghezza forche ca. 1.100 mm
- Lunghezza del timone ca. 1.250 mm
- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Portata	Lunghezza totale mm	Larghezza in mm	Altezza totale mm	kg
963.5905	2000	1100,0	470,0	1250,0	120,00

BRONZE^{plus} Paranco

- Antiscintilla
- Antidefla rante
- Resistente alla corrosione
- Resistente all'usura
- Alluminio-bronzo (lega non ferrosa)



	Esecuzione	Capacità max. t	kg
963.9905	2 catene da 2,5 m	0,5 t	10,20
963.9906	2 catene da 2,5 m	1,0 t	13,60
963.9907	2 catene da 2,5 m	1,5 t	15,60
963.9908	2 catene da 2,5 m	2,0 t	22,00
963.9909	2 catene da 3 m	3,0 t	23,60
963.9910	2 catene da 3 m	5,0 t	36,00
963.9911	2 catene da 3 m	10,0 t	68,50
963.9912	2 catene da 3 m	16,0 t	187,00



Innovare è
la nostra missione!

**UTENSILI
ANTI-SCINTILLA**

BRONZE *plus*
BERYLLIUM *plus*

- Industria chimica
- Petrochimica
- Approvvigionamento di gas e petrolio
- Oleodotti
- Piattaforme per trivellazioni sottomarine
- Serbatoi (pulizia ecc.)
- Centrali di produzione di gas ed elettricità
- Impianti di verniciatura
- Forze armate, esercito
- Protezione civile
- Vigili del fuoco

In ogni luogo in cui le scintille rappresentano un potenziale rischio di incendio o esplosione. Per attività che richiedono l'utilizzo di utensili completamente antimagnetici ed estremamente resistenti alla corrosione.

