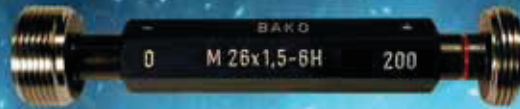
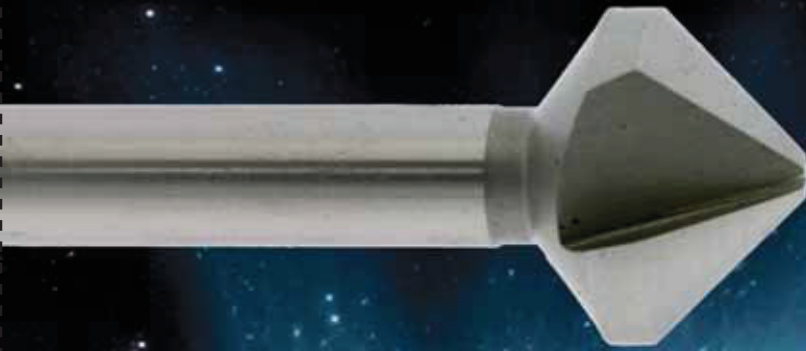


CATALOG 16



IZAR[®]
CUTTING TOOLS



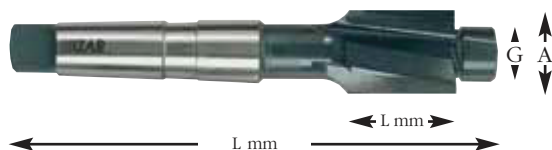
Militor trade mark

ADLER



BAKO
Cutting Tools

Frese per Sedi Viti



ref. **2630**

Svasatura
Cilindrica

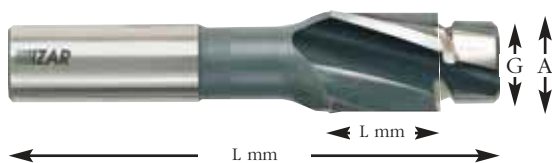
HSS

DIN
375

Tol.
A (z9)
G (e8)

Codolo
Conico

Codice	Asiento Rosca Métrica	Ø A mm	Ø G mm	L mm	l mm	Z	CM	HSS €
2630M08	M-8	13,5	8,40	130	20	3	2	
2630M10	M-10	16,5	10,50	140	25	3	2	
2630M12	M-12	19	13,00	140	30	3	2	
2630M14	M-14	23	15,00	150	35	4	2	
2630M16	M-16	25	17,00	180	35	4	3	
2630M18	M-18	28	19,00	180	40	4	3	
2630M20	M-20	31	21,00	190	40	4	3	
2630M22	M-22	34	23,00	190	40	4	3	
2630M24	M-24	37	25,00	190	40	4	3	



ref. **2530**

Svasatura
Cilindrica

HSS

DIN
373

ISO
4206

Tol.
A (z9)
G (e8)
d (h9)

Codice	Asiento Rosca Métrica	Ø A mm	Ø G mm	L mm	l mm	Ø d mm	Z	HSS €
2530M03	M-3	5,9	3,20	71	14	5,00	3	
2530M04	M-4	7,4	4,30	71	14	5,00	3	
2530M05	M-5	9,4	5,30	80	18	8,00	3	
2530M06	M-6	10,4	6,40	80	18	8,00	3	
2530M08	M-8	13,5	8,40	100	22	12,50	3	
2530M10	M-10	16,5	10,50	100	22	12,50	3	
2530M12	M-12	19	13,00	100	22	12,50	3	
2530M14	M-14	23	15,00	100	22	16,00	4	
2530M16	M-16	25	17,00	100	22	16,00	4	

Frese a disco tre tagli denti alternati



HSSE

DIN
885-A

ISO
2587

3
Cortes
3 Cut
Side

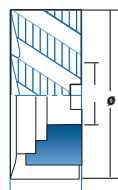
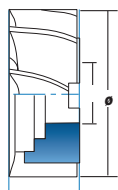
Tol.
ø (js16)
d (H7)
L (k11)



Codice	Ø mm	L mm	d mm	Z	HSSE €
4120050004	50	4	16	12	
4120050005		5			
4120050006		6			
4120050008		8			
4120050010		10			
4120063004	63	4	22	12	
4120063005		5			
4120063006		6			
4120063008		8			
4120063010		10			
4120063012		12			
4120063014		14			
4120063016		16			
4120063018		18			
4120080005	80	5	27	14	
4120080006		6			
4120080008		8			
4120080010		10			
4120080012		12			
4120080014		14			
4120080016		16			
4120080018		18			
4120080020		20			
4120100006	100	6	32	16	
4120100008		8			
4120100010		10			
4120100012		12			
4120100014		14			
4120100016		16			
4120100018		18			
4120100020		20			
4120100022		22			
4120100025		25			
4120125008	125	8	32	18	
4120125010		10			
4120125012		12			
4120125014		14			
4120125016		16			
4120125018		18			
4120125020		20			
4120125022		22			
4120125025		25			
4120125028		28			

Codice	Ø mm	L mm	d mm	Z	HSSE €
4120160010	160	10	40	22	
4120160012		12			
4120160014		14			
4120160016		16			
4120160018		18			
4120160020		20			
4120160022		22			
4120160025		25			
4120160028		28			
4120160032		32			
4120200012	200	12	40	24	
4120200014		14			
4120200016		16			
4120200018		18			
4120200020		20			
4120200022		22			
4120200025		25			
4120200028		28			
4120200032		32			

Frese Cilindriche Frontali



ref. 4040

Chiavetta Trasversale Longitudinale

Finitore

HSSE

DIN 1880

ISO 2586

Tol. ø (js16) d (H7) L (j16)

30°

ref. 4080

Chiavetta Trasversale Longitudinale

Sgrossare Passo grosso

HSSE

DIN 1880 NR

ISO 2586

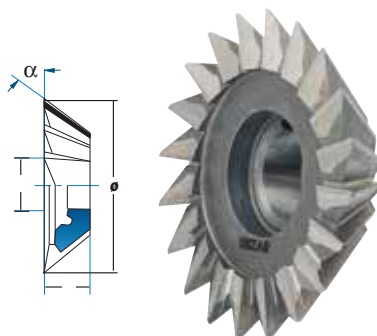
Tol. ø (js16) d (H7) L (j16)

30°

Codice	Ø mm	L mm	d mm	Z	HSSE €
4040040	40	32	16	8	
4040050	50	36	22	8	
4040063	63	40	27	8	
4040080	80	45	27	10	
4040100	100	50	32	12	
4040125	125	56	40	14	
4040160	160	63	50	16	

Codice	Ø mm	L mm	d mm	Z	HSSE €
4080040	40	32	16	6	
4080050	50	36	22	6	
4080063	63	40	27	8	
4080080	80	45	27	8	
4080100	100	50	32	10	
4080125	125	56	40	12	
4080160	160	63	50	14	

Frese Frontali ad angolo



ref. **4300**

Dentado
Fresado
Milled
Teeth

Frontal
Cónica
Single
Angle

HSSE

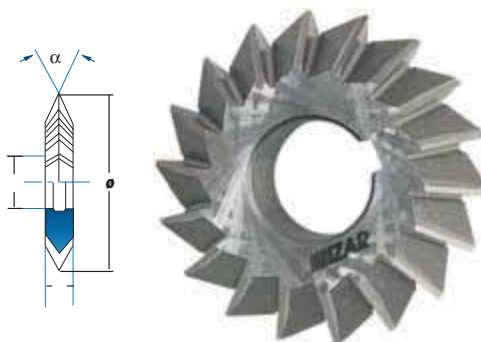
DIN
842

Tol.
Ø (js16)
d (H7)
L (js14)

	Codice	Ø mm	L mm	d mm	α*	Z	HSSE €
± 25	4300040	40	13	10	50°	14	
	4300050	50	16	13	50°	16	
	4300063	63	20	16	50°	18	
	4300080	80	25	22	50°	20	
± 20	4300100	100	32	27	50°	22	
	4300125	125	40	32	50°	24	
	4300160	160	50	40	50°	30	

	Codice	Ø mm	L mm	d mm	α*	Z	HSSE €
± 25	4300040A	40	13	10	60°	14	
	4300050A	50	16	13	60°	16	
	4300063A	63	20	16	60°	18	
	4300080A	80	25	22	60°	20	
± 20	4300100A	100	32	27	60°	22	
	4300125A	125	40	32	60°	24	
	4300160A	160	50	40	60°	30	

Frese ad angolo prismatiche



ref. **4352**

Dentado
Fresado
Milled
Teeth

Angular
Isósceles
Double
Angle

HSSE

DIN
847

ISO
6108

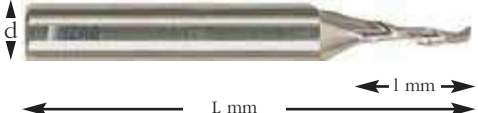
Tol.
Ø (js16)
d (H7)
L (js16)

α
±30

	Codice	Ø mm	L mm	d mm	α*	Z	HSSE €
	4352050	50	8	16	45°	20	
	4352063	63	10	22	45°	22	
	4352080	80	12	27	45°	24	
	4352100	100	18	32	45°	26	
	4352050A	50	10	16	60°	18	
	4352063A	63	14	22	60°	20	

	Codice	Ø mm	L mm	d mm	α*	Z	HSSE €
	4352080A	80	18	27	60°	22	
	4352100A	100	25	32	60°	24	
	4352050B	50	14	16	90°	16	
	4352063B	63	20	22	90°	18	
	4352080B	80	22	27	90°	20	
	4352100B	100	32	32	90°	22	

Frese per Alluminio Serie Corta ad un tagliente

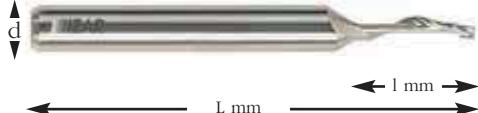


ref. 4412

Serie Corta HSS IZAR Std. W

Tol. D (k10) d (h6)

Codice	Ø mm	d mm	L mm	l mm	HSS €
4412003	3	8	60	12	
4412004	4	8	60	12	
4412005	5	8	60	12	
4412006	6	8	60	14	
4412007	7	8	60	14	
4412008	8	8	80	15	
4412010	10	10	80	15	



ref. 4413

Serie Corta HSS IZAR Std. W

Tol. D (k10) d (h6)

Codice	Ø mm	d mm	L mm	l mm	HSS €
4413003	3	6	60	12	
4413004	4	6	60	12	
4413005	5	6	60	12	
4413006	6	6	60	14	

Frese per Alluminio Serie Lunga ad un tagliente



ref. 4414

Serie Lunga HSS IZAR Std. W

Tol. D (k10) d (h6)

Codice	Ø mm	d mm	L mm	l mm	Y mm	HSS €
4414004	4	8	80	16	29	
4414005	5	8	80	16	29	
4414006	6	8	90	16	29	
4414008	8	8	100	28	40	



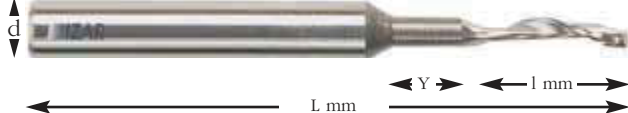
ref. 4415

Serie Lunga HSS IZAR Std. W

Tol. D (k10) d (h6)

Codice	Ø mm	d mm	L mm	l mm	Y mm	HSS €
4415005	5	6	80	14	31	
4415006	6	6	80	14	31	

Frese per Alluminio Serie Lunga ad un tagliente



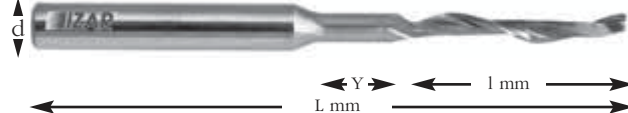
ref. 4416

Serie Lunga HSS IZAR Std. W

Tol. D (k10) d (h6)

Alluminio Laccato

Codice	Ø mm	d mm	L mm	l mm	Y mm	HSS €
4416004	4	8	80	16	19	
4416005	5	8	80	16	19	



ref. 4417

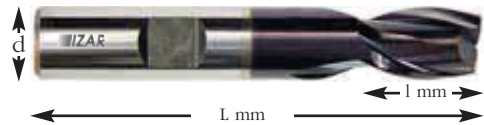
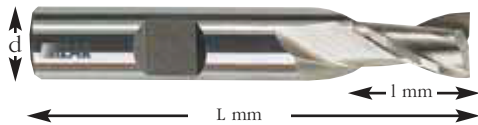
Serie Lunga HSS IZAR Std. W

Tol. D (k10) d (h6)

Alluminio Laccato

Codice	Ø mm	d mm	L mm	l mm	Y mm	HSS €
4417005	5	8	100	35	20	

Frese a due tagli per Cave



ref. **4420**

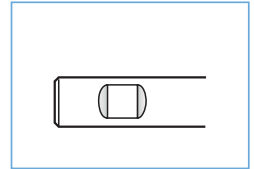
HSSE
8%Co

DIN
327 N

ISO
1641 / 1



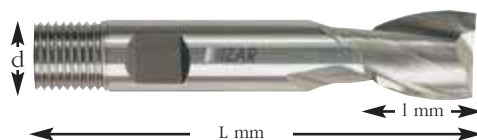
RIV.
TIALN



Codice	Ø mm	Ø d mm	L mm	l mm	HSSE 8%Co €
4420002	2,00	6	48	4	
4420002,5	2,50	6	49	5	
4420003	3,00	6	49	5	
4420003,5	3,50	6	50	6	
4420004	4,00	6	51	7	
4420004,5	4,50	6	52	8	
4420005	5,00	6	52	8	
4420005,5	5,50	6	52	8	
4420006	6,00	6	52	8	
4420006,5	6,50	10	60	10	
4420007	7,00	10	60	10	
4420007,5	7,50	10	61	11	
4420008	8,00	10	61	11	
4420008,5	8,50	10	61	11	
4420009	9,00	10	61	11	
4420009,5	9,50	10	61	11	
4420010	10,00	10	63	13	
4420010,5	10,50	12	70	13	
4420011	11,00	12	70	13	
4420012	12,00	12	73	16	
4420013	13,00	12	73	16	
4420014	14,00	12	73	16	
4420015	15,00	12	73	16	
4420016	16,00	16	79	19	
4420017	17,00	16	79	19	
4420018	18,00	16	79	19	
4420019	19,00	16	79	19	
4420020	20,00	20	88	22	
4420022	22,00	20	88	22	
4420024	24,00	25	102	26	
4420025	25,00	25	102	26	
4420028	28,00	25	102	26	
4420030	30,00	25	102	26	
4420032	32,00	32	112	32	
4420036	36,00	32	112	32	
4420040	40,00	40	130	38	

Codice	Ø mm	Ø d mm	L mm	l mm	TIALN €
4420TC002	2,00	6	48	4	
4420TC002,5	2,50	6	49	5	
4420TC003	3,00	6	49	5	
4420TC003,5	3,50	6	50	6	
4420TC004	4,00	6	51	7	
4420TC004,5	4,50	6	52	8	
4420TC005	5,00	6	52	8	
4420TC005,5	5,50	6	52	8	
4420TC006	6,00	6	52	8	
4420TC006,5	6,50	10	60	10	
4420TC007	7,00	10	60	10	
4420TC007,5	7,50	10	61	11	
4420TC008	8,00	10	61	11	
4420TC008,5	8,50	10	61	11	
4420TC009	9,00	10	61	11	
4420TC009,5	9,50	10	61	11	
4420TC010	10,00	10	63	13	
4420TC010,5	10,50	12	70	13	
4420TC011	11,00	12	70	13	
4420TC012	12,00	12	73	16	
4420TC013	13,00	12	73	16	
4420TC014	14,00	12	73	16	
4420TC015	15,00	12	73	16	
4420TC016	16,00	16	79	19	
4420TC017	17,00	16	79	19	
4420TC018	18,00	16	79	19	
4420TC019	19,00	16	79	19	
4420TC020	20,00	20	88	22	
4420TC022	22,00	20	88	22	
4420TC024	24,00	25	102	26	
4420TC025	25,00	25	102	26	
4420TC028	28,00	25	102	26	
4420TC030	30,00	25	102	26	
4420TC032	32,00	32	112	32	
4420TC036	36,00	32	112	32	
4420TC040	40,00	40	130	38	

Frese a due tagli per Cave

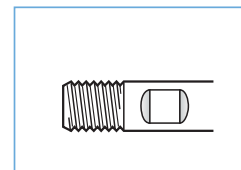


ref. **4454**

HSSE
8%Co

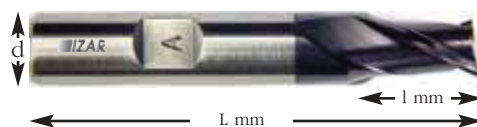
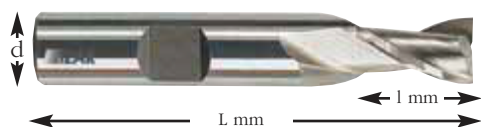
DIN
327 N

ISO
1641 / 1



Codice	Ø mm	Ø d mm	L mm	l mm	HSSE 8%Co €
4454002	2,00	6	48	4	
4454002,5	2,50	6	49	5	
4454003	3,00	6	49	5	
4454003,5	3,50	6	50	6	
4454004	4,00	6	51	7	
4454004,5	4,50	6	52	8	
4454005	5,00	6	52	8	
4454005,5	5,50	6	52	8	
4454006	6,00	6	52	8	
4454006,5	6,50	10	60	10	
4454007	7,00	10	60	10	
4454007,5	7,50	10	61	11	
4454008	8,00	10	61	11	
4454008,5	8,50	10	61	11	
4454009	9,00	10	61	11	
4454009,5	9,50	10	61	11	
4454010	10,00	10	63	13	
4454011	11,00	12	70	13	
4454012	12,00	12	73	16	
4454013	13,00	12	73	16	
4454014	14,00	12	73	16	
4454015	15,00	12	73	16	
4454016	16,00	16	79	19	
4454017	17,00	16	79	19	
4454018	18,00	16	79	19	
4454019	19,00	16	79	19	
4454020	20,00	16	88	22	
4454022	22,00	25	88	22	
4454024	24,00	25	102	26	
4454025	25,00	25	102	26	
4454028	28,00	25	102	26	
4454030	30,00	25	102	26	
4454032	32,00	32	112	32	
4454036	36,00	32	112	32	
4454040	40,00	32	130	38	

Frese a due tagli per Cave



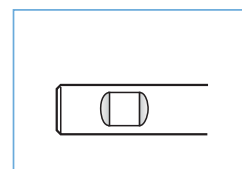
ref. **6420**
IZARMAX

**HSSE
PMX**

**DIN
327 N**



**RIV.
TIALN**



Codice	Ø mm	Ø d mm	L mm	l mm	HSSE PMX €
6420004	4	6	51	7	
6420005	5	6	52	8	
6420006	6	6	52	8	
6420007	7	10	60	10	
6420008	8	10	61	11	
6420009	9	10	61	11	
6420010	10	10	63	13	
6420012	12	12	73	16	
6420014	14	12	73	16	
6420016	16	16	79	19	
6420018	18	16	79	19	
6420020	20	20	88	22	

Codice	Ø mm	Ø d mm	L mm	l mm	TIALN €
6420TC004	4	6	51	7	
6420TC005	5	6	52	8	
6420TC006	6	6	52	8	
6420TC007	7	10	60	10	
6420TC008	8	10	61	11	
6420TC009	9	10	61	11	
6420TC010	10	10	63	13	
6420TC012	12	12	73	16	
6420TC014	14	12	73	16	
6420TC016	16	16	79	19	
6420TC018	18	16	79	19	
6420TC020	20	20	88	22	

Frese a due tagli Serie Lunga

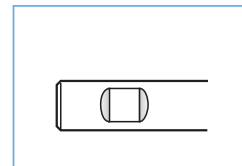


ref. **4426**

Chiavette

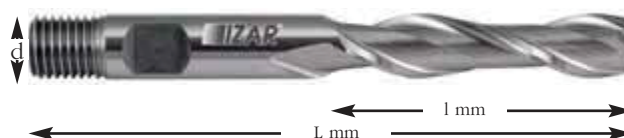
HSSE
8%Co

IZAR
Std.



Codice	Ø mm	Ø d mm	L mm	l mm	HSSE 8%Co €
4426002	2,00	6	54	7	
4426002,5	2,50	6	56	8	
4426003	3,00	6	56	8	
4426004	4,00	6	63	11	
4426005	5,00	6	68	13	
4426006	6,00	6	68	13	
4426007	7,00	10	80	16	
4426008	8,00	10	88	19	
4426009	9,00	10	88	19	
4426010	10,00	10	95	22	
4426011	11,00	12	102	22	
4426012	12,00	12	110	26	

Codice	Ø mm	Ø d mm	L mm	l mm	HSSE 8%Co €
4426014	14,00	12	110	26	
4426016	16,00	16	123	32	
4426018	18,00	16	123	32	
4426020	20,00	20	141	38	
4426022	22,00	20	141	38	
4426025	25,00	25	166	45	
4426028	28,00	25	166	45	
4426030	30,00	25	166	45	
4426032	32,00	32	186	53	

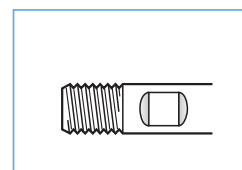


ref. **4464**

Chiavette

HSSE
8%Co

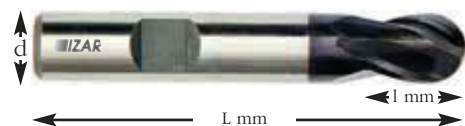
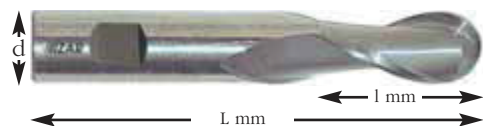
IZAR
Std.



Codice	Ø mm	Ø d mm	L mm	l mm	HSSE 8%Co €
4464002	2,00	6	54	7	
4464002,5	2,50	6	56	8	
4464003	3,00	6	56	8	
4464004	4,00	6	63	11	
4464005	5,00	6	68	13	
4464006	6,00	6	68	13	
4464007	7,00	10	80	16	
4464008	8,00	10	88	19	
4464009	9,00	10	88	19	
4464010	10,00	10	95	22	
4464011	11,00	12	102	22	
4464012	12,00	12	110	26	

Codice	Ø mm	Ø d mm	L mm	l mm	HSSE 8%Co €
4464014	14,00	12	110	26	
4464016	16,00	16	123	32	
4464018	18,00	16	123	32	
4464020	20,00	16	141	38	
4464022	22,00	25	141	38	
4464025	25,00	25	166	45	
4464028	28,00	25	166	45	
4464030	30,00	25	166	45	
4464032	32,00	32	186	53	

Frese due tagli semisferiche



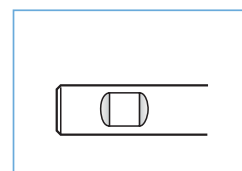
ref. **4422**

**HSSE
8%Co**

**DIN
327 N**



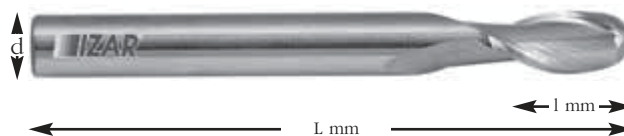
**RIV.
TIALN**



Codice	Ø mm	Ø d mm	L mm	l mm	HSSE 8%Co €
4422002	2	6	48	4	
4422003	3	6	49	5	
4422004	4	6	51	7	
4422005	5	6	52	8	
4422006	6	6	52	8	
4422007	7	10	60	10	
4422008	8	10	61	11	
4422009	9	10	61	11	
4422010	10	10	63	13	
4422011	11	12	70	13	
4422012	12	12	73	16	
4422013	13	12	73	16	
4422014	14	12	73	16	
4422015	15	12	73	16	
4422016	16	16	79	19	
4422018	18	16	79	19	
4422020	20	20	88	22	
4422022	22	20	88	22	
4422024	24	25	102	26	
4422025	25	25	102	26	
4422030	30	25	102	26	

Codice	Ø mm	Ø d mm	L mm	l mm	TIALN €
4422TC002	2	6	48	4	
4422TC003	3	6	49	5	
4422TC004	4	6	51	7	
4422TC005	5	6	52	8	
4422TC006	6	6	52	8	
4422TC007	7	10	60	10	
4422TC008	8	10	61	11	
4422TC009	9	10	61	11	
4422TC010	10	10	63	13	
4422TC011	11	12	70	13	
4422TC012	12	12	73	16	
4422TC013	13	12	73	16	
4422TC014	14	12	73	16	
4422TC015	15	12	73	16	
4422TC016	16	16	79	19	
4422TC018	18	16	79	19	
4422TC020	20	20	88	22	
4422TC022	22	20	88	22	
4422TC024	24	25	102	26	
4422TC025	25	25	102	26	
4422TC030	30	25	102	26	

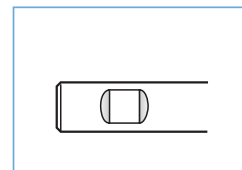
Frese due tagli semisferiche - Serie Lunga



ref. **4470**

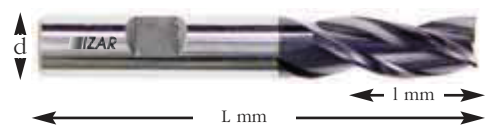
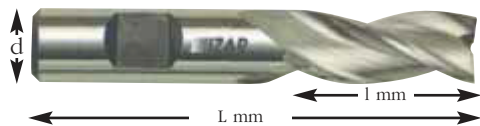
HSSE
8%Co

IZAR
Std.



Codice	Ø mm	Ø d mm	L mm	l mm	HSSE 8%Co €
4470002	2,00	6	54	7	
4470002,5	2,50	6	56	8	
4470003	3,00	6	56	8	
4470004	4,00	6	63	11	
4470005	5,00	6	68	13	
4470006	6,00	6	68	13	
4470007	7,00	10	80	16	
4470008	8,00	10	88	19	
4470009	9,00	10	88	19	
4470010	10,00	10	95	22	
4470011	11,00	12	102	22	
4470012	12,00	12	110	26	
4470014	14,00	12	110	26	
4470016	16,00	16	123	32	
4470018	18,00	16	123	32	
4470020	20,00	20	141	38	
4470022	22,00	20	141	38	
4470024	24,00	25	166	45	
4470025	25,00	25	166	45	
4470030	30,00	25	166	45	
4470032	32,00	32	186	53	

Frese tre tagli al centro



ref. **4439**

HSSE
8%Co

DIN
844 N

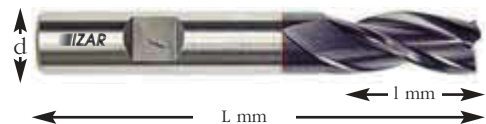
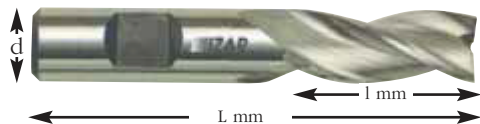


RIV.
TIALN



Codice	Ø mm	Ø d mm	L mm	l mm	HSSE 8%Co €
4439002	2,00	6	51	7	
4439002,5	2,50	6	52	8	
4439003	3,00	6	52	8	
4439003,5	3,50	6	54	10	
4439004	4,00	6	55	11	
4439004,5	4,50	6	57	11	
4439005	5,00	6	57	13	
4439005,5	5,50	6	57	13	
4439006	6,00	6	57	13	
4439007	7,00	10	66	16	
4439008	8,00	10	69	19	
4439009	9,00	10	69	19	
4439010	10,00	10	72	22	
4439012	12,00	12	83	26	
4439014	14,00	12	83	26	
4439016	16,00	16	92	32	
4439018	18,00	16	92	32	
4439020	20,00	20	104	38	

Codice	Ø mm	Ø d mm	L mm	l mm	TIALN €
4439TC002	2,00	6	51	7	
4439TC002,5	2,50	6	52	8	
4439TC003	3,00	6	52	8	
4439TC003,5	3,50	6	54	10	
4439TC004	4,00	6	55	11	
4439TC004,5	4,50	6	57	11	
4439TC005	5,00	6	57	13	
4439TC005,5	5,50	6	57	13	
4439TC006	6,00	6	57	13	
4439TC007	7,00	10	66	16	
4439TC008	8,00	10	69	19	
4439TC009	9,00	10	69	19	
4439TC010	10,00	10	72	22	
4439TC012	12,00	12	83	26	
4439TC014	14,00	12	83	26	
4439TC016	16,00	16	92	32	
4439TC018	18,00	16	92	32	
4439TC020	20,00	20	104	38	



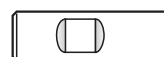
ref. **6439**
IZARMAX

HSSE
PMX

DIN
844 N



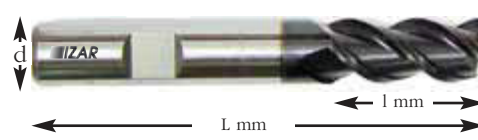
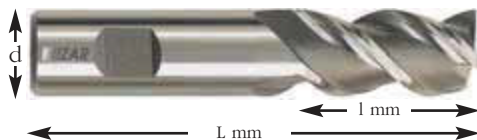
RIV.
TIALN



Codice	Ø mm	Ø d mm	L mm	l mm	HSSE PMX €
6439002	2	6	51	7	
6439003	3	6	52	8	
6439004	4	6	55	11	
6439005	5	6	57	13	
6439006	6	6	57	13	
6439007	7	10	66	16	
6439008	8	10	69	19	
6439009	9	10	69	19	
6439010	10	10	72	22	
6439012	12	12	83	26	
6439014	14	12	83	26	
6439016	16	16	92	32	
6439018	18	16	92	32	
6439020	20	20	104	38	
6439025	25	25	121	45	

Codice	Ø mm	Ø d mm	L mm	l mm	TIALN €
6439TC002	2	6	51	7	
6439TC003	3	6	52	8	
6439TC004	4	6	55	11	
6439TC005	5	6	57	13	
6439TC006	6	6	57	13	
6439TC007	7	10	66	16	
6439TC008	8	10	69	19	
6439TC009	9	10	69	19	
6439TC010	10	10	72	22	
6439TC012	12	12	83	26	
6439TC014	14	12	83	26	
6439TC016	16	16	92	32	
6439TC018	18	16	92	32	
6439TC020	20	20	104	38	
6439TC025	25	25	121	45	

Frese tre tagli al centro



ref. **4430**

HSSE
8%Co

DIN
844 W

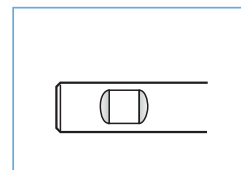
ISO
1641



INOX



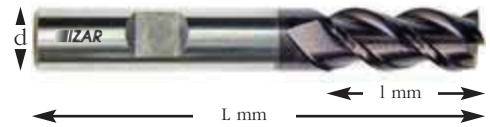
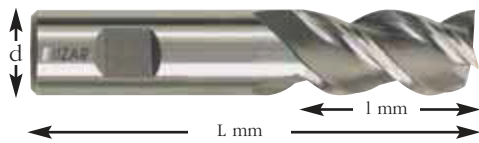
RIV.
TIALN



Codice	Ø mm	Ø d mm	L mm	l mm	HSSE 8%Co €
4430002	2,00	6	51	7	
4430002,5	2,50	6	52	8	
4430003	3,00	6	52	8	
4430003,5	3,50	6	55	11	
4430004	4,00	6	55	11	
4430004,5	4,50	6	57	11	
4430005	5,00	6	57	13	
4430005,5	5,50	6	57	13	
4430006	6,00	6	57	13	
4430006,5	6,50	10	66	16	
4430007	7,00	10	66	16	
4430007,5	7,50	10	66	16	
4430008	8,00	10	69	19	
4430008,5	8,50	10	69	19	
4430009	9,00	10	69	19	
4430009,5	9,50	10	72	19	
4430010	10,00	10	72	22	
4430011	11,00	12	79	22	
4430012	12,00	12	83	26	
4430013	13,00	12	83	26	
4430014	14,00	12	83	26	
4430015	15,00	12	83	26	
4430016	16,00	16	92	32	
4430017	17,00	16	92	32	
4430018	18,00	16	92	32	
4430019	19,00	16	92	32	
4430020	20,00	20	104	38	
4430022	22,00	20	104	38	
4430025	25,00	25	121	45	
4430028	28,00	25	121	45	
4430030	30,00	25	121	45	
4430032	32,00	32	133	53	

Codice	Ø mm	Ø d mm	L mm	l mm	TIALN €
4430TC002	2,00	6	51	7	
4430TC002,5	2,50	6	52	8	
4430TC003	3,00	6	52	8	
4430TC003,5	3,50	6	55	11	
4430TC004	4,00	6	55	11	
4430TC004,5	4,50	6	57	11	
4430TC005	5,00	6	57	13	
4430TC005,5	5,50	6	57	13	
4430TC006	6,00	6	57	13	
4430TC006,5	6,50	10	66	16	
4430TC007	7,00	10	66	16	
4430TC007,5	7,50	10	66	16	
4430TC008	8,00	10	69	19	
4430TC008,5	8,50	10	69	19	
4430TC009	9,00	10	69	19	
4430TC009,5	9,50	10	72	19	
4430TC010	10,00	10	72	22	
4430TC011	11,00	12	79	22	
4430TC012	12,00	12	83	26	
4430TC013	13,00	12	83	26	
4430TC014	14,00	12	83	26	
4430TC015	15,00	12	83	26	
4430TC016	16,00	16	92	32	
4430TC017	17,00	16	92	32	
4430TC018	18,00	16	92	32	
4430TC019	19,00	16	92	32	
4430TC020	20,00	20	104	38	
4430TC022	22,00	20	104	38	
4430TC025	25,00	25	121	45	
4430TC028	28,00	25	121	45	
4430TC030	30,00	25	121	45	
4430TC032	32,00	32	133	53	

Frese tre tagli al centro



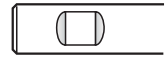
ref. **6430**
IZARMAX

**HSSE
PMX**

**DIN
844 W**



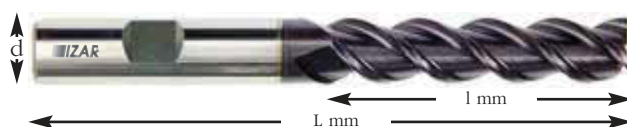
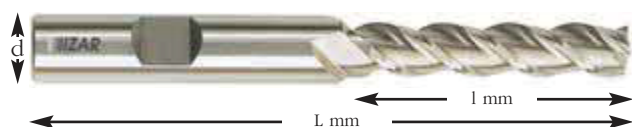
**RIV.
TIALN**



Codice	Ø mm	Ø d mm	L mm	l mm	HSSE PMX €
6430004	4	6	55	11	
6430005	5	6	57	13	
6430006	6	6	57	13	
6430007	7	10	66	16	
6430008	8	10	69	19	
6430009	9	10	69	19	
6430010	10	10	72	22	
6430012	12	12	83	26	
6430014	14	12	83	26	
6430016	16	16	92	32	
6430018	18	16	92	32	
6430020	20	20	104	38	

Codice	Ø mm	Ø d mm	L mm	l mm	TIALN €
6430TC004	4	6	55	11	
6430TC005	5	6	57	13	
6430TC006	6	6	57	13	
6430TC007	7	10	66	16	
6430TC008	8	10	69	19	
6430TC009	9	10	69	19	
6430TC010	10	10	72	22	
6430TC012	12	12	83	26	
6430TC014	14	12	83	26	
6430TC016	16	16	92	32	
6430TC018	18	16	92	32	
6430TC020	20	20	104	38	

Frese tre tagli al centro - Elica 45° - Serie Lunga



ref. **4432**

HSSE
8%Co

DIN
844 W

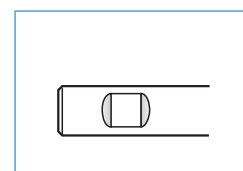
ISO
1641



INOX



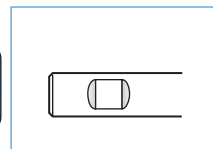
RIV.
TIALN



Codice	Ø mm	Ø d mm	L mm	l mm	HSSE 8%Co €
4432002	2,00	6	54	10	
4432002,5	2,50	6	56	12	
4432003	3,00	6	56	12	
4432003,5	3,50	6	59	15	
4432004	4,00	6	63	19	
4432004,5	4,50	6	63	19	
4432005	5,00	6	68	24	
4432005,5	5,50	6	68	24	
4432006	6,00	6	68	24	
4432007	7,00	10	80	30	
4432008	8,00	10	88	38	
4432009	9,00	10	88	38	
4432010	10,00	10	95	45	
4432011	11,00	12	102	45	
4432012	12,00	12	110	53	
4432014	14,00	12	110	53	
4432016	16,00	16	123	63	
4432018	18,00	16	123	63	
4432020	20,00	20	141	75	
4432022	22,00	20	141	75	
4432025	25,00	25	166	90	
4432028	28,00	25	166	90	
4432030	30,00	25	166	90	
4432032	32,00	32	186	106	

Codice	Ø mm	Ø d mm	L mm	l mm	TIALN €
4432TC002	2,00	6	54	10	
4432TC002,5	2,50	6	56	12	
4432TC003	3,00	6	56	12	
4432TC003,5	3,50	6	59	15	
4432TC004	4,00	6	63	19	
4432TC004,5	4,50	6	63	19	
4432TC005	5,00	6	68	24	
4432TC005,5	5,50	6	68	24	
4432TC006	6,00	6	68	24	
4432TC007	7,00	10	80	30	
4432TC008	8,00	10	88	38	
4432TC009	9,00	10	88	38	
4432TC010	10,00	10	95	45	
4432TC011	11,00	12	102	45	
4432TC012	12,00	12	110	53	
4432TC014	14,00	12	110	53	
4432TC016	16,00	16	123	63	
4432TC018	18,00	16	123	63	
4432TC020	20,00	20	141	75	
4432TC022	22,00	20	141	75	
4432TC025	25,00	25	166	90	
4432TC028	28,00	25	166	90	
4432TC030	30,00	25	166	90	
4432TC032	32,00	32	186	106	

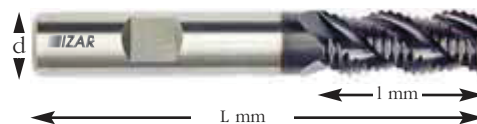
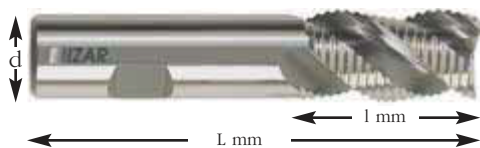
Frese tre tagli al centro a sgrossare - Elica 30° - Passo Extra Fine



Codice	Ø mm	Ø d mm	L mm	l mm	HSSE PMX €
6444004	4	6	55	11	
6444005	5	6	57	13	
6444006	6	6	57	13	
6444008	8	10	69	19	
6444010	10	10	72	22	
6444012	12	12	83	26	
6444014	14	12	83	26	
6444016	16	16	92	32	
6444018	18	16	92	32	
6444020	20	20	104	38	
6444025	25	25	121	45	
6444030	30	25	121	45	

Codice	Ø mm	Ø d mm	L mm	l mm	TIALN €
6444TC004	4	6	55	11	
6444TC005	5	6	57	13	
6444TC006	6	6	57	13	
6444TC008	8	10	69	19	
6444TC010	10	10	72	22	
6444TC012	12	12	83	26	
6444TC014	14	12	83	26	
6444TC016	16	16	92	32	
6444TC018	18	16	92	32	
6444TC020	20	20	104	38	
6444TC025	25	25	121	45	
6444TC030	30	25	121	45	

Frese tre tagli al centro a sgrossare - Passo Grosso



ref. **4447**

HSSE
8%Co

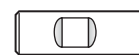
DIN
844
WR

ISO
1641/1



Alum. &
Mat. non
Ferroso

RIV.
TIALN

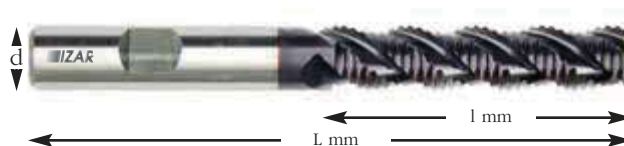
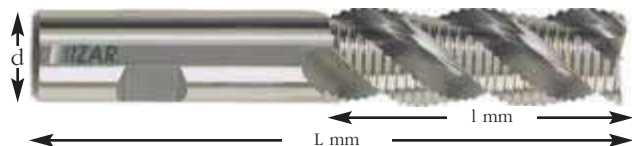


Codice	Ø mm	Ø d mm	L mm	l mm	HSSE 8%Co €
4447008	8	10	69	19	
4447009	9	10	69	19	
4447010	10	10	72	22	
4447011	11	12	79	22	
4447012	12	12	83	26	
4447013	13	12	83	26	
4447014	14	12	83	26	
4447015	15	12	83	26	
4447016	16	16	92	32	
4447018	18	16	92	32	
4447020	20	20	104	38	
4447025	25	25	121	45	
4447030	30	25	121	45	

Codice	Ø mm	Ø d mm	L mm	l mm	TIALN €
4447TC008	8	10	69	19	
4447TC009	9	10	69	19	
4447TC010	10	10	72	22	
4447TC011	11	12	79	22	
4447TC012	12	12	83	26	
4447TC013	13	12	83	26	
4447TC014	14	12	83	26	
4447TC015	15	12	83	26	
4447TC016	16	16	92	32	
4447TC018	18	16	92	32	
4447TC020	20	20	104	38	
4447TC025	25	25	121	45	
4447TC030	30	25	121	45	

Modificato

Frese tre tagli al centro a sgrossare - Passo Grosso



ref. **4497**

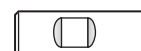
HSSE
8%Co

DIN
844
WR

ISO
1641/1



Alum. &
Mat. non
Ferroso

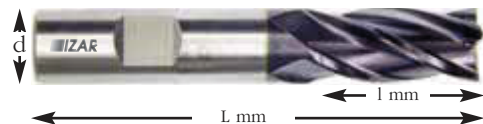
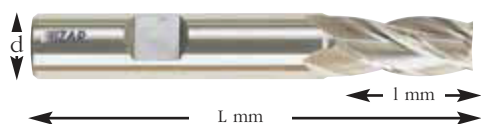


Codice	Ø mm	Ø d mm	L mm	l mm	HSSE 8%Co €
4497008	8	10	88	38	
4497010	10	10	95	45	
4497012	12	12	110	53	
4497014	14	12	110	53	
4497016	16	16	123	63	
4497018	18	16	123	63	
4497020	20	20	141	75	
4497025	25	25	166	90	
4497030	30	25	166	90	

Codice	Ø mm	Ø d mm	L mm	l mm	TIALN €
4497TC008	8	10	88	38	
4497TC010	10	10	95	45	
4497TC012	12	12	110	53	
4497TC014	14	12	110	53	
4497TC016	16	16	123	63	
4497TC018	18	16	123	63	
4497TC020	20	20	141	75	
4497TC025	25	25	166	90	
4497TC030	30	25	166	90	

Modificato

Frese frontali taglio al centro



ref. **4600**

HSSE
8%Co

DIN
844 N

ISO
1641



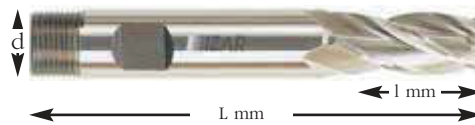
RIV.
TIALN



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4600002	2,00	6	51	7	4	
4600002,5	2,50	6	52	8	4	
4600003	3,00	6	52	8	4	
4600003,5	3,50	6	54	10	4	
4600004	4,00	6	55	11	4	
4600004,5	4,50	6	55	11	4	
4600005	5,00	6	57	13	4	
4600005,5	5,50	6	57	13	4	
4600006	6,00	6	57	13	4	
4600006,5	6,50	10	66	16	4	
4600007	7,00	10	66	16	4	
4600007,5	7,50	10	66	16	4	
4600008	8,00	10	69	19	4	
4600008,5	8,50	10	69	19	4	
4600009	9,00	10	69	19	4	
4600009,5	9,50	10	69	19	4	
4600010	10,00	10	72	22	4	
4600011	11,00	12	79	22	4	
4600012	12,00	12	83	26	4	
4600013	13,00	12	83	26	4	
4600014	14,00	12	83	26	4	
4600015	15,00	12	83	26	4	
4600016	16,00	16	92	32	4	
4600017	17,00	16	92	32	4	
4600018	18,00	16	92	32	4	
4600019	19,00	16	92	32	4	
4600020	20,00	20	104	38	4	
4600022	22,00	20	104	38	6	
4600024	24,00	25	121	45	6	
4600025	25,00	25	121	45	6	
4600026	26,00	25	121	45	6	
4600028	28,00	25	121	45	6	
4600030	30,00	25	121	45	6	
4600032	32,00	32	133	53	6	
4600036	36,00	32	133	53	6	
4600040	40,00	40	155	63	8	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	TIALN €
4600TC002	2,00	6	51	7	4	
4600TC002,5	2,50	6	52	8	4	
4600TC003	3,00	6	52	8	4	
4600TC003,5	3,50	6	54	10	4	
4600TC004	4,00	6	55	11	4	
4600TC004,5	4,50	6	55	11	4	
4600TC005	5,00	6	57	13	4	
4600TC005,5	5,50	6	57	13	4	
4600TC006	6,00	6	57	13	4	
4600TC006,5	6,50	10	66	16	4	
4600TC007	7,00	10	66	16	4	
4600TC007,5	7,50	10	66	16	4	
4600TC008	8,00	10	69	19	4	
4600TC008,5	8,50	10	69	19	4	
4600TC009	9,00	10	69	19	4	
4600TC009,5	9,50	10	69	19	4	
4600TC010	10,00	10	72	22	4	
4600TC011	11,00	12	79	22	4	
4600TC012	12,00	12	83	26	4	
4600TC013	13,00	12	83	26	4	
4600TC014	14,00	12	83	26	4	
4600TC015	15,00	12	83	26	4	
4600TC016	16,00	16	92	32	4	
4600TC017	17,00	16	92	32	4	
4600TC018	18,00	16	92	32	4	
4600TC019	19,00	16	92	32	4	
4600TC020	20,00	20	104	38	4	
4600TC022	22,00	20	104	38	6	
4600TC024	24,00	25	121	45	6	
4600TC025	25,00	25	121	45	6	
4600TC026	26,00	25	121	45	6	
4600TC028	28,00	25	121	45	6	
4600TC030	30,00	25	121	45	6	
4600TC032	32,00	32	133	53	6	
4600TC036	36,00	32	133	53	6	
4600TC040	40,00	40	155	63	8	

Frese frontali taglio al centro



ref. **4656**

HSSE
8%Co

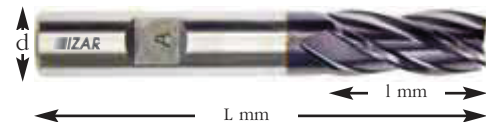
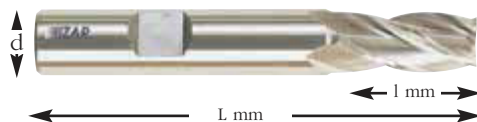
DIN
844 N

ISO
1641



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4656002	2,00	6	51	7	4	
4656002,5	2,50	6	52	8	4	
4656003	3,00	6	52	8	4	
4656003,5	3,50	6	54	10	4	
4656004	4,00	6	55	11	4	
4656004,5	4,50	6	55	11	4	
4656005	5,00	6	57	13	4	
4656005,5	5,50	6	57	13	4	
4656006	6,00	6	57	13	4	
4656006,5	6,50	10	66	16	4	
4656007	7,00	10	66	16	4	
4656007,5	7,50	10	66	16	4	
4656008	8,00	10	69	19	4	
4656008,5	8,50	10	69	19	4	
4656009	9,00	10	69	19	4	
4656009,5	9,50	10	69	19	4	
4656010	10,00	10	72	22	4	
4656011	11,00	12	79	22	4	
4656012	12,00	12	83	26	4	
4656013	13,00	12	83	26	4	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4656014	14,00	12	83	26	4	
4656015	15,00	12	83	26	4	
4656016	16,00	16	92	32	4	
4656017	17,00	16	92	32	4	
4656018	18,00	16	92	32	4	
4656019	19,00	16	92	32	4	
4656020	20,00	16	104	38	4	
4656022	22,00	25	104	38	6	
4656024	24,00	25	121	45	6	
4656025	25,00	25	121	45	6	
4656026	26,00	25	121	45	6	
4656028	28,00	25	121	45	6	
4656030	30,00	25	121	45	6	
4656032	32,00	32	133	53	6	
4656036	36,00	32	133	53	6	
4656040	40,00	32	155	63	8	



ref. **6600**
IZARMAX

HSSE
PMX

DIN
844 N



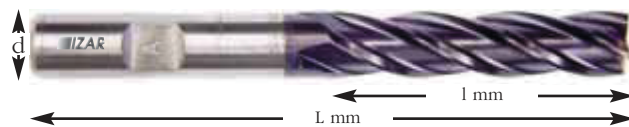
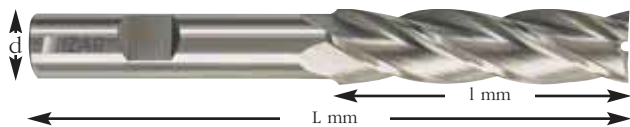
RIV.
TIALN



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE PMX €
6600002	2	6	51	7	4	
6600003	3	6	52	8	4	
6600004	4	6	55	11	4	
6600005	5	6	57	13	4	
6600006	6	6	57	13	4	
6600007	7	10	66	16	4	
6600008	8	10	69	19	4	
6600009	9	10	69	19	4	
6600010	10	10	72	22	4	
6600012	12	12	83	26	4	
6600014	14	12	83	26	4	
6600016	16	16	92	32	4	
6600018	18	16	92	32	4	
6600020	20	20	104	38	4	
6600025	25	25	121	45	6	
6600030	30	25	121	45	6	
6600032	32	32	133	53	6	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	TIALN €
6600TC002	2	6	51	7	4	
6600TC003	3	6	52	8	4	
6600TC004	4	6	55	11	4	
6600TC005	5	6	57	13	4	
6600TC006	6	6	57	13	4	
6600TC007	7	10	66	16	4	
6600TC008	8	10	69	19	4	
6600TC009	9	10	69	19	4	
6600TC010	10	10	72	22	4	
6600TC012	12	12	83	26	4	
6600TC014	14	12	83	26	4	
6600TC016	16	16	92	32	4	
6600TC018	18	16	92	32	4	
6600TC020	20	20	104	38	4	
6600TC025	25	25	121	45	6	
6600TC030	30	25	121	45	6	
6600TC032	32	32	133	53	6	

Frese frontali taglio al centro



ref. **4606**

**HSSE
8%Co**

**DIN
844 N**

**ISO
1641**

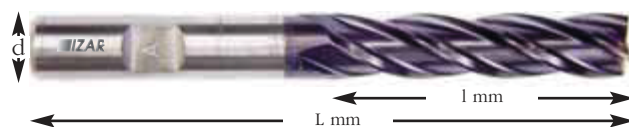
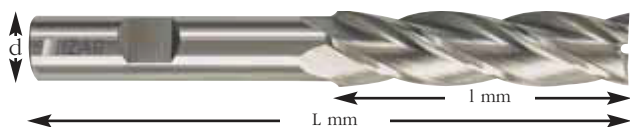


**RIV.
TIALN**



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4606002	2,00	6	54	10	4	
4606002,5	2,50	6	56	12	4	
4606003	3,00	6	56	12	4	
4606003,5	3,50	6	59	15	4	
4606004	4,00	6	63	19	4	
4606004,5	4,50	6	63	19	4	
4606005	5,00	6	68	24	4	
4606005,5	5,50	6	68	24	4	
4606006	6,00	6	68	24	4	
4606007	7,00	10	80	30	4	
4606008	8,00	10	88	38	4	
4606009	9,00	10	88	38	4	
4606010	10,00	10	95	45	4	
4606011	11,00	12	102	45	4	
4606012	12,00	12	110	53	4	
4606014	14,00	12	110	53	4	
4606016	16,00	16	123	63	4	
4606018	18,00	16	123	63	4	
4606020	20,00	20	141	75	4	
4606022	22,00	20	141	75	6	
4606025	25,00	25	166	90	6	
4606028	28,00	25	166	90	6	
4606030	30,00	25	166	90	6	
4606032	32,00	32	186	106	6	
4606036	36,00	32	186	106	6	
4606040	40,00	40	217	125	8	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	TIALN €
4606TC002	2,00	6	54	10	4	
4606TC002,5	2,50	6	56	12	4	
4606TC003	3,00	6	56	12	4	
4606TC003,5	3,50	6	59	15	4	
4606TC004	4,00	6	63	19	4	
4606TC004,5	4,50	6	63	19	4	
4606TC005	5,00	6	68	24	4	
4606TC005,5	5,50	6	68	24	4	
4606TC006	6,00	6	68	24	4	
4606TC007	7,00	10	80	30	4	
4606TC008	8,00	10	88	38	4	
4606TC009	9,00	10	88	38	4	
4606TC010	10,00	10	95	45	4	
4606TC011	11,00	12	102	45	4	
4606TC012	12,00	12	110	53	4	
4606TC014	14,00	12	110	53	4	
4606TC016	16,00	16	123	63	4	
4606TC018	18,00	16	123	63	4	
4606TC020	20,00	20	141	75	4	
4606TC022	22,00	20	141	75	6	
4606TC025	25,00	25	166	90	6	
4606TC028	28,00	25	166	90	6	
4606TC030	30,00	25	166	90	6	
4606TC032	32,00	32	186	106	6	
4606TC036	36,00	32	186	106	6	
4606TC040	40,00	40	217	125	8	



ref. **6606**
IZARMAX

**HSSE
PMX**

**DIN
844 N**



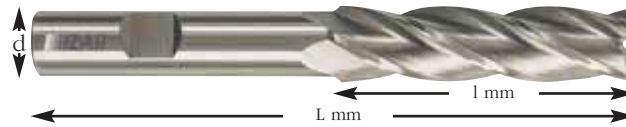
**RIV.
TIALN**



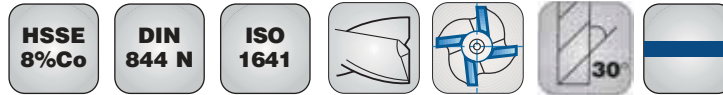
Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE PMX €
6606006	6	6	68	24	4	
6606008	8	10	88	38	4	
6606010	10	10	95	45	4	
6606012	12	12	110	53	4	
6606014	14	12	110	53	4	
6606016	16	16	123	63	4	
6606018	18	16	123	63	4	
6606020	20	20	141	75	4	
6606025	25	25	166	90	6	
6606032	32	32	186	106	6	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	TIALN €
6606TC006	6	6	68	24	4	
6606TC008	8	10	88	38	4	
6606TC010	10	10	95	45	4	
6606TC012	12	12	110	53	4	
6606TC014	14	12	110	53	4	
6606TC016	16	16	123	63	4	
6606TC018	18	16	123	63	4	
6606TC020	20	20	141	75	4	
6606TC025	25	25	166	90	6	
6606TC032	32	32	186	106	6	

Frese frontali multitaglienti

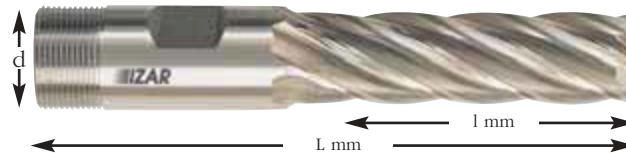


ref. **4406**

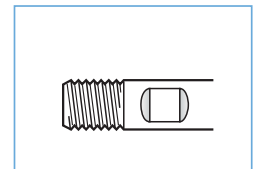


Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4406002	2,00	6	54	10	4	
4406002,5	2,50	6	56	12	4	
4406003	3,00	6	56	12	4	
4406003,5	3,50	6	59	15	4	
4406004	4,00	6	63	19	4	
4406004,5	4,50	6	63	19	4	
4406005	5,00	6	68	24	4	
4406005,5	5,50	6	68	24	4	
4406006	6,00	6	68	24	4	
4406007	7,00	10	80	30	4	
4406008	8,00	10	88	38	4	
4406009	9,00	10	88	38	4	
4406010	10,00	10	95	45	4	
4406011	11,00	12	102	45	4	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4406012	12,00	12	110	53	4	
4406014	14,00	12	110	53	4	
4406016	16,00	16	123	63	4	
4406018	18,00	16	123	63	4	
4406020	20,00	20	141	75	4	
4406022	22,00	20	141	75	6	
4406025	25,00	25	166	90	6	
4406028	28,00	25	166	90	6	
4406030	30,00	25	166	90	6	
4406032	32,00	32	186	106	6	
4406036	36,00	32	186	106	6	
4406040	40,00	40	217	125	8	



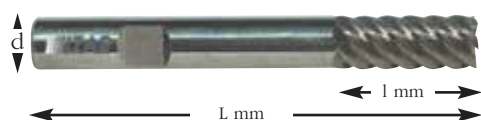
ref. **4466**



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4466002	2,00	6	54	10	4	
4466003	3,00	6	56	12	4	
4466004	4,00	6	63	19	4	
4466005	5,00	6	68	24	4	
4466006	6,00	6	68	24	4	
4466007	7,00	10	80	30	4	
4466008	8,00	10	88	38	4	
4466009	9,00	10	88	38	4	
4466010	10,00	10	95	45	4	
4466011	11,00	12	102	45	4	
4466012	12,00	12	110	53	4	
4466014	14,00	12	110	53	4	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4466016	16,00	16	123	63	4	
4466018	18,00	16	123	63	4	
4466020	20,00	16	141	75	4	
4466022	22,00	25	141	75	6	
4466025	25,00	25	166	90	6	
4466028	28,00	25	166	90	6	
4466030	30,00	25	166	90	6	
4466032	32,00	32	186	106	6	
4466036	36,00	32	186	106	6	
4466040	40,00	32	217	125	8	

Frese Quattro Tagli al centro



ref. **6604**
IZARMAX

**HSSE
PMX**

**DIN
844 N**



**ae
max.
0,1 x Ø**

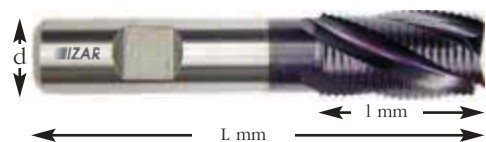
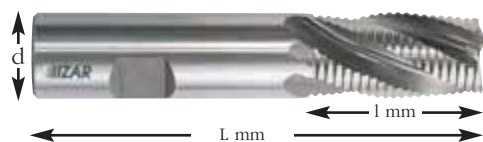
**RIV.
TIALN**



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE PMX €
6604006	6	6	57	13	4	
6604008	8	10	69	19	4	
6604010	10	10	72	22	4	
6604012	12	12	83	26	4	
6604014	14	12	83	26	4	
6604016	16	16	92	32	4	
6604018	18	16	92	32	4	
6604020	20	20	104	38	4	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	TIALN €
6604TC006	6	6	57	13	4	
6604TC008	8	10	69	19	4	
6604TC010	10	10	72	22	4	
6604TC012	12	12	83	26	4	
6604TC014	14	12	83	26	4	
6604TC016	16	16	92	32	4	
6604TC018	18	16	92	32	4	
6604TC020	20	20	104	38	4	

Frese frontali taglio al centro - A sgrossare passo Extra fine



ref. **4644**

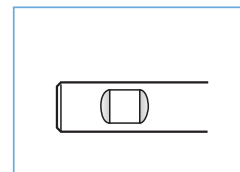
HSSE
8%Co

DIN
844
NR-F

ISO
1641

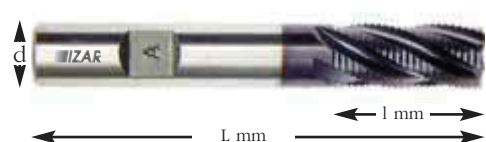


RIV.
TIALN



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4644004	4	6	55	11	3	
4644005	5	6	57	13	3	
4644006	6	6	57	13	4	
4644007	7	10	66	16	4	
4644008	8	10	69	19	4	
4644009	9	10	69	19	4	
4644010	10	10	72	22	4	
4644011	11	12	79	22	4	
4644012	12	12	83	26	4	
4644013	13	12	83	26	4	
4644014	14	12	83	26	4	
4644015	15	12	83	26	4	
4644016	16	16	92	32	4	
4644017	17	16	92	32	4	
4644018	18	16	92	32	4	
4644019	19	16	92	32	4	
4644020	20	20	104	38	4	
4644025	25	25	121	45	5	
4644030	30	25	121	45	5	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	TIALN €
4644TC004	4	6	55	11	3	
4644TC005	5	6	57	13	3	
4644TC006	6	6	57	13	4	
4644TC007	7	10	66	16	4	
4644TC008	8	10	69	19	4	
4644TC009	9	10	69	19	4	
4644TC010	10	10	72	22	4	
4644TC011	11	12	79	22	4	
4644TC012	12	12	83	26	4	
4644TC013	13	12	83	26	4	
4644TC014	14	12	83	26	4	
4644TC015	15	12	83	26	4	
4644TC016	16	16	92	32	4	
4644TC017	17	16	92	32	4	
4644TC018	18	16	92	32	4	
4644TC019	19	16	92	32	4	
4644TC020	20	20	104	38	4	
4644TC025	25	25	121	45	5	
4644TC030	30	25	121	45	5	



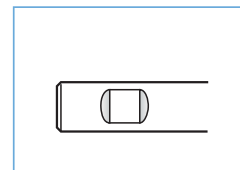
ref. **6644**
IZARMAX

HSSE
PMX

DIN
844
NR-F



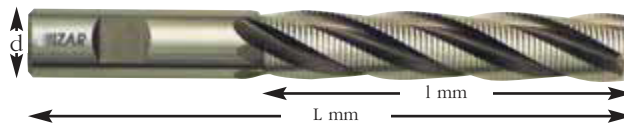
RIV.
TIALN



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE PMX €
6644006	6	6	57	13	4	
6644007	7	10	66	16	4	
6644008	8	10	69	19	4	
6644009	9	10	69	19	4	
6644010	10	10	72	22	5	
6644012	12	12	83	26	5	
6644014	14	12	83	26	5	
6644016	16	16	92	32	5	
6644018	18	16	92	32	5	
6644020	20	20	104	38	5	
6644022	22	20	104	38	5	
6644025	25	25	121	45	5	
6644030	30	25	121	45	5	
6644032	32	32	133	53	6	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	TIALN €
6644TC006	6	6	57	13	4	
6644TC007	7	10	66	16	4	
6644TC008	8	10	69	19	4	
6644TC009	9	10	69	19	4	
6644TC010	10	10	72	22	5	
6644TC012	12	12	83	26	5	
6644TC014	14	12	83	26	5	
6644TC016	16	16	92	32	5	
6644TC018	18	16	92	32	5	
6644TC020	20	20	104	38	5	
6644TC022	22	20	104	38	5	
6644TC025	25	25	121	45	5	
6644TC030	30	25	121	45	5	
6644TC032	32	32	133	53	6	

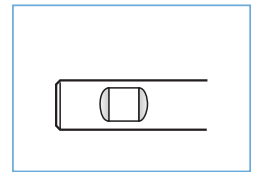
Frese frontali taglio al centro - A sgrossare passo fine - Serie Lunga



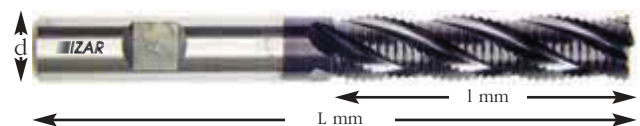
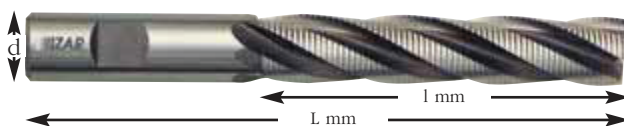
ref. **4696**

HSSE
8%Co

DIN
844
NR-F



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4696006	6	6	68	24	4	
4696007	7	10	80	30	4	
4696008	8	10	88	38	4	
4696009	9	10	88	38	4	
4696010	10	10	95	45	4	
4696011	11	12	102	45	4	
4696012	12	12	110	53	4	
4696014	14	12	110	53	4	
4696016	16	16	123	63	4	
4696018	18	16	123	63	4	
4696020	20	20	141	75	4	
4696025	25	25	166	90	5	
4696030	30	25	166	90	5	



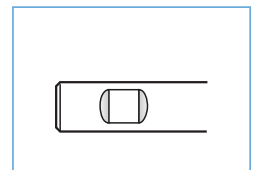
ref. **6696**
IZARMAX

HSSE
PMX

DIN
844
NR-F



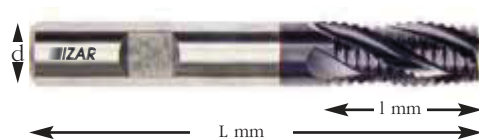
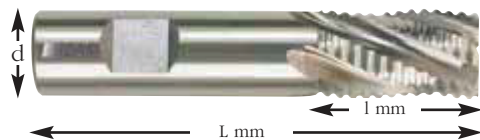
RIV.
TIALN



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE PMX €
6696006	6	6	68	24	4	
6696008	8	10	88	38	4	
6696010	10	10	95	45	4	
6696012	12	12	110	53	4	
6696014	14	12	110	53	4	
6696016	16	16	123	63	4	
6696018	18	16	123	63	4	
6696020	20	20	141	75	4	
6696025	25	25	166	90	5	
6696032	32	32	186	106	6	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	TIALN €
6696TC006	6	6	68	24	4	
6696TC008	8	10	88	38	4	
6696TC010	10	10	95	45	4	
6696TC012	12	12	110	53	4	
6696TC014	14	12	110	53	4	
6696TC016	16	16	123	63	4	
6696TC018	18	16	123	63	4	
6696TC020	20	20	141	75	4	
6696TC025	25	25	166	90	5	
6696TC032	32	32	186	106	6	

Frese frontali taglio al centro a sgrossare



ref. **4640**

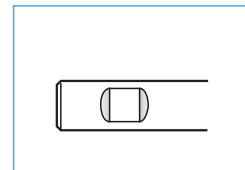
HSSE
8%Co

DIN
844 NR

ISO
1641

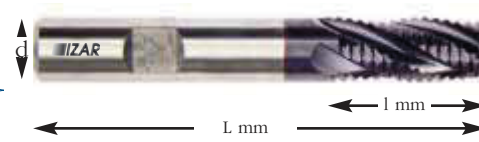
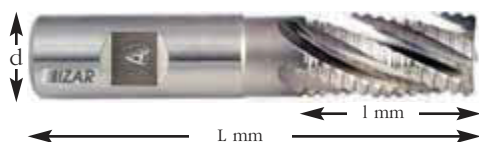


RIV.
TIALN



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4640006	6	6	57	13	4	
4640007	7	10	66	16	4	
4640008	8	10	69	19	4	
4640009	9	10	69	19	4	
4640010	10	10	72	22	4	
4640011	11	12	79	22	4	
4640012	12	12	83	26	4	
4640013	13	12	83	26	4	
4640014	14	12	83	26	4	
4640015	15	12	83	26	4	
4640016	16	16	92	32	4	
4640017	17	16	92	32	4	
4640018	18	16	92	32	4	
4640019	19	16	92	32	4	
4640020	20	20	104	38	4	
4640022	22	20	104	38	5	
4640024	24	25	121	45	5	
4640025	25	25	121	45	5	
4640026	26	25	121	45	5	
4640028	28	25	121	45	5	
4640030	30	25	121	45	5	
4640032	32	32	133	53	6	
4640036	36	32	133	53	6	
4640040	40	40	155	63	6	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	TIALN €
4640TC006	6	6	57	13	4	
4640TC007	7	10	66	16	4	
4640TC008	8	10	69	19	4	
4640TC009	9	10	69	19	4	
4640TC010	10	10	72	22	4	
4640TC011	11	12	79	22	4	
4640TC012	12	12	83	26	4	
4640TC013	13	12	83	26	4	
4640TC014	14	12	83	26	4	
4640TC015	15	12	83	26	4	
4640TC016	16	16	92	32	4	
4640TC017	17	16	92	32	4	
4640TC018	18	16	92	32	4	
4640TC019	19	16	92	32	4	
4640TC020	20	20	104	38	4	
4640TC022	22	20	104	38	5	
4640TC024	24	25	121	45	5	
4640TC025	25	25	121	45	5	
4640TC026	26	25	121	45	5	
4640TC028	28	25	121	45	5	
4640TC030	30	25	121	45	5	
4640TC032	32	32	133	53	6	
4640TC036	36	32	133	53	6	
4640TC040	40	40	155	63	6	



ref. **6640**
IZARMAX

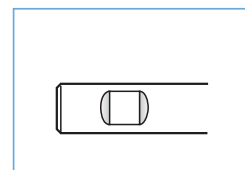
HSSE
PMX

DIN
844 NR



< 900
N/mm²

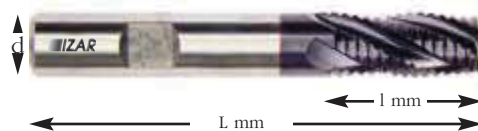
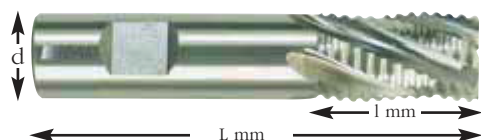
RIV.
TIALN



Codice	Ø D mm	Ø d mm	L mm	l mm	Z	PMX €
6640006	6	6	57	13	4	
6640007	7	10	66	16	4	
6640008	8	10	69	19	4	
6640009	9	10	69	19	4	
6640010	10	10	72	22	5	
6640012	12	12	83	26	5	
6640014	14	12	83	26	5	
6640016	16	16	92	32	5	
6640018	18	16	92	32	5	
6640020	20	20	104	38	5	
6640022	22	20	104	38	5	
6640025	25	25	121	45	5	
6640030	30	25	121	45	5	
6640032	32	32	133	53	6	

Codice	Ø D mm	Ø d mm	L mm	l mm	Z	TIALN €
6640TC006	6	6	57	13	4	
6640TC007	7	10	66	16	4	
6640TC008	8	10	69	19	4	
6640TC009	9	10	69	19	4	
6640TC010	10	10	72	22	5	
6640TC012	12	12	83	26	5	
6640TC014	14	12	83	26	5	
6640TC016	16	16	92	32	5	
6640TC018	18	16	92	32	5	
6640TC020	20	20	104	38	5	
6640TC022	22	20	104	38	5	
6640TC025	25	25	121	45	5	
6640TC030	30	25	121	45	5	
6640TC032	32	32	133	53	6	

Frese frontali taglio al centro a sgrossare



ref. **4440**

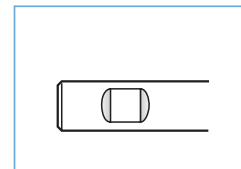
**HSSE
8%Co**

**DIN
844 NR**

**ISO
1641**



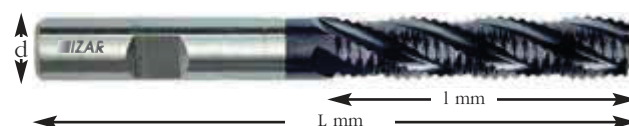
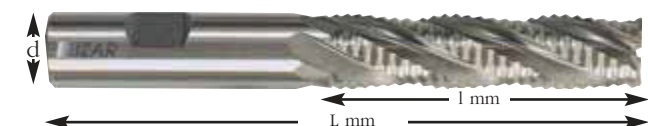
**RIV.
TIALN**



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4440006	6	6	57	13	4	
4440007	7	10	66	16	4	
4440008	8	10	69	19	4	
4440009	9	10	69	19	4	
4440010	10	10	72	22	4	
4440011	11	12	79	22	4	
4440012	12	12	83	26	4	
4440013	13	12	83	26	4	
4440014	14	12	83	26	4	
4440015	15	12	83	26	4	
4440016	16	16	92	32	4	
4440017	17	16	92	32	4	
4440018	18	16	92	32	4	
4440019	19	16	92	32	4	
4440020	20	20	104	38	4	
4440022	22	20	104	38	5	
4440024	24	25	121	45	5	
4440025	25	25	121	45	5	
4440026	26	25	121	45	5	
4440028	28	25	121	45	5	
4440030	30	25	121	45	5	
4440032	32	32	133	53	6	
4440036	36	32	133	53	6	
4440040	40	40	155	63	6	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	TIALN €
4440TC006	6	6	57	13	4	
4440TC007	7	10	66	16	4	
4440TC008	8	10	69	19	4	
4440TC009	9	10	69	19	4	
4440TC010	10	10	72	22	4	
4440TC011	11	12	79	22	4	
4440TC012	12	12	83	26	4	
4440TC013	13	12	83	26	4	
4440TC014	14	12	83	26	4	
4440TC015	15	12	83	26	4	
4440TC016	16	16	92	32	4	
4440TC017	17	16	92	32	4	
4440TC018	18	16	92	32	4	
4440TC019	19	16	92	32	4	
4440TC020	20	20	104	38	4	
4440TC022	22	20	104	38	5	
4440TC024	24	25	121	45	5	
4440TC025	25	25	121	45	5	
4440TC026	26	25	121	45	5	
4440TC028	28	25	121	45	5	
4440TC030	30	25	121	45	5	
4440TC032	32	32	133	53	6	
4440TC036	36	32	133	53	6	
4440TC040	40	40	155	63	6	

Frese frontali tagli al centro a sgrossare - Passo grosso - Serie Lunga



ref. **4690**

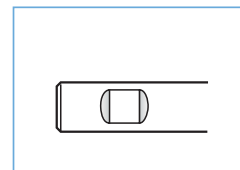
HSSE
8%Co

DIN
844 NR

ISO
1641

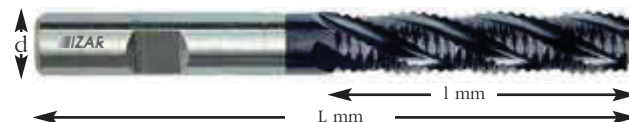
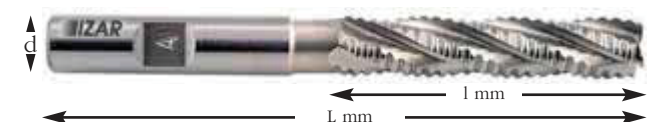


RIV.
TIALN



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4690006	6	6	68	24	4	
4690007	7	10	80	30	4	
4690008	8	10	88	38	4	
4690009	9	10	88	38	4	
4690010	10	10	95	45	4	
4690011	11	12	102	45	4	
4690012	12	12	110	53	4	
4690014	14	12	110	53	4	
4690016	16	16	123	63	4	
4690018	18	16	123	63	4	
4690020	20	20	141	75	4	
4690022	22	20	141	75	5	
4690025	25	25	166	90	5	
4690028	28	25	166	90	5	
4690030	30	25	166	90	5	
4690032	32	32	186	106	6	
4690036	36	32	186	106	6	
4690040	40	40	217	125	6	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	TIALN €
4690TC006	6	6	68	24	4	
4690TC007	7	10	80	30	4	
4690TC008	8	10	88	38	4	
4690TC009	9	10	88	38	4	
4690TC010	10	10	95	45	4	
4690TC011	11	12	102	45	4	
4690TC012	12	12	110	53	4	
4690TC014	14	12	110	53	4	
4690TC016	16	16	123	63	4	
4690TC018	18	16	123	63	4	
4690TC020	20	20	141	75	4	
4690TC022	22	20	141	75	5	
4690TC025	25	25	166	90	5	
4690TC028	28	25	166	90	5	
4690TC030	30	25	166	90	5	
4690TC032	32	32	186	106	6	
4690TC036	36	32	186	106	6	
4690TC040	40	40	217	125	6	



ref. **6690**
IZARMAX

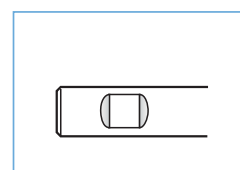
HSSE
PMX

DIN
844 NR



< 900
N/mm²

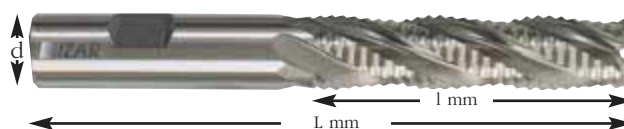
RIV.
TIALN



Codice	Ø D mm	Ø d mm	L mm	l mm	Z	PMX €
6690006	6	6	68	24	4	
6690008	8	10	88	38	4	
6690010	10	10	95	45	4	
6690012	12	12	110	53	4	
6690014	14	12	110	53	4	
6690016	16	16	123	63	4	
6690018	18	16	123	63	4	
6690020	20	20	141	75	4	
6690025	25	25	166	90	5	
6690032	32	32	186	106	6	

Codice	Ø D mm	Ø d mm	L mm	l mm	Z	TIALN €
6690TC006	6	6	68	24	4	
6690TC008	8	10	88	38	4	
6690TC010	10	10	95	45	4	
6690TC012	12	12	110	53	4	
6690TC014	14	12	110	53	4	
6690TC016	16	16	123	63	4	
6690TC018	18	16	123	63	4	
6690TC020	20	20	141	75	4	
6690TC025	25	25	166	90	5	
6690TC032	32	32	186	106	6	

Frese frontali a sgrossare - Serie Lunga

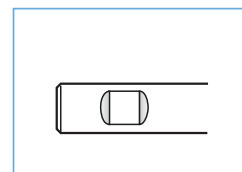


ref. **4490**

HSSE
8%Co

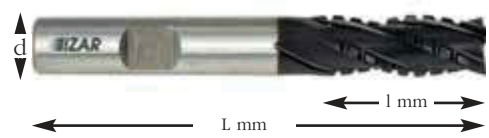
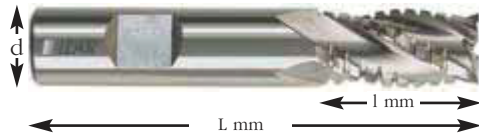
DIN
844 NR

ISO
1641



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4490006	6	6	68	24	4	
4490007	7	10	80	30	4	
4490008	8	10	88	38	4	
4490009	9	10	88	38	4	
4490010	10	10	95	45	4	
4490011	11	12	102	45	4	
4490012	12	12	110	53	4	
4490014	14	12	110	53	4	
4490016	16	16	123	63	4	
4490018	18	16	123	63	4	
4490020	20	20	141	75	4	
4490022	22	20	141	75	5	
4490025	25	25	166	90	5	
4490028	28	25	166	90	5	
4490030	30	25	166	90	5	
4490032	32	32	186	106	6	
4490036	36	32	186	106	6	
4490040	40	40	217	125	6	

Frese frontali a sgrossare semifinire



ref. **4680**

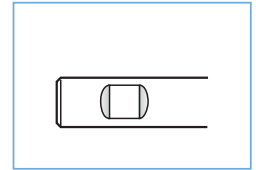
**HSSE
8%Co**

**DIN
844 NF**

**ISO
1641**

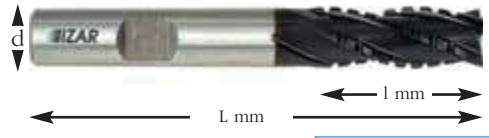
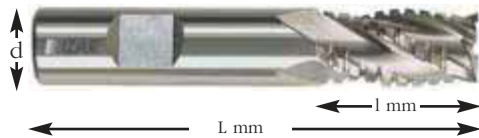


**RIV.
TIALN**



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4680006	6	6	57	13	4	
4680007	7	10	66	16	4	
4680008	8	10	69	19	4	
4680009	9	10	69	19	4	
4680010	10	10	72	22	4	
4680011	11	12	79	22	4	
4680012	12	12	83	26	4	
4680013	13	12	83	26	4	
4680014	14	12	83	26	4	
4680015	15	12	83	26	4	
4680016	16	16	92	32	4	
4680018	18	16	92	32	4	
4680020	20	20	104	38	4	
4680022	22	20	104	38	5	
4680025	25	25	121	45	5	
4680028	28	25	121	45	5	
4680030	30	25	121	45	5	
4680032	32	32	133	53	6	
4680036	36	32	133	53	6	
4680040	40	40	155	63	6	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	TIALN €
4680TC006	6	6	57	13	4	
4680TC007	7	10	66	16	4	
4680TC008	8	10	69	19	4	
4680TC009	9	10	69	19	4	
4680TC010	10	10	72	22	4	
4680TC011	11	12	79	22	4	
4680TC012	12	12	83	26	4	
4680TC013	13	12	83	26	4	
4680TC014	14	12	83	26	4	
4680TC015	15	12	83	26	4	
4680TC016	16	16	92	32	4	
4680TC018	18	16	92	32	4	
4680TC020	20	20	104	38	4	
4680TC022	22	20	104	38	5	
4680TC025	25	25	121	45	5	
4680TC028	28	25	121	45	5	
4680TC030	30	25	121	45	5	
4680TC032	32	32	133	53	6	
4680TC036	36	32	133	53	6	
4680TC040	40	40	155	63	6	



ref. **4480**

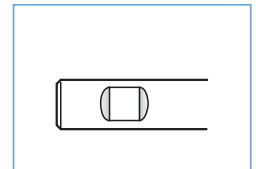
**HSSE
8%Co**

**DIN
844 NF**

**ISO
1641**



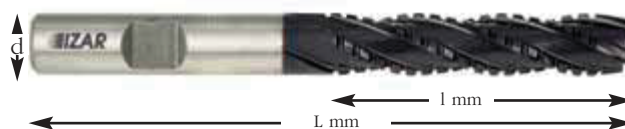
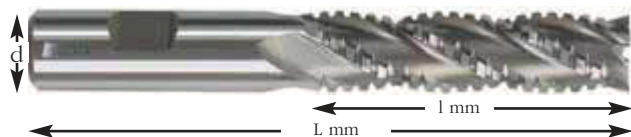
**RIV.
TIALN**



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4480006	6	6	57	13	4	
4480007	7	10	66	16	4	
4480008	8	10	69	19	4	
4480009	9	10	69	19	4	
4480010	10	10	72	22	4	
4480011	11	12	79	22	4	
4480012	12	12	83	26	4	
4480013	13	12	83	26	4	
4480014	14	12	83	26	4	
4480015	15	12	83	26	4	
4480016	16	16	92	32	4	
4480018	18	16	92	32	4	
4480020	20	20	104	38	4	
4480022	22	20	104	38	5	
4480025	25	25	121	45	5	
4480028	28	25	121	45	5	
4480030	30	25	121	45	5	
4480032	32	32	133	53	6	
4480036	36	32	133	53	6	
4480040	40	40	155	63	6	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	TIALN €
4480TC006	6	6	57	13	4	
4480TC007	7	10	66	16	4	
4480TC008	8	10	69	19	4	
4480TC009	9	10	69	19	4	
4480TC010	10	10	72	22	4	
4480TC011	11	12	79	22	4	
4480TC012	12	12	83	26	4	
4480TC013	13	12	83	26	4	
4480TC014	14	12	83	26	4	
4480TC015	15	12	83	26	4	
4480TC016	16	16	92	32	4	
4480TC018	18	16	92	32	4	
4480TC020	20	20	104	38	4	
4480TC022	22	20	104	38	5	
4480TC025	25	25	121	45	5	
4480TC028	28	25	121	45	5	
4480TC030	30	25	121	45	5	
4480TC032	32	32	133	53	6	
4480TC036	36	32	133	53	6	
4480TC040	40	40	155	63	6	

Frese frontali a sgrossare semifinire - Serie Lunga



ref. **4692**

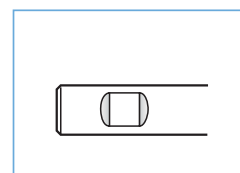
HSSE
8%Co

DIN
844 NF

ISO
1641



RIV.
TIALN



Codice	Ø mm	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4692006	6	6	68	24	4	
4692007	7	10	80	30	4	
4692008	8	10	88	38	4	
4692009	9	10	88	38	4	
4692010	10	10	95	45	4	
4692011	11	12	102	45	4	
4692012	12	12	110	53	4	
4692014	14	12	110	53	4	
4692016	16	16	123	63	4	
4692018	18	16	123	63	4	
4692020	20	20	141	75	4	
4692022	22	20	141	75	5	
4692025	25	25	166	90	5	
4692028	28	25	166	90	5	
4692030	30	25	166	90	5	
4692032	32	32	186	106	6	
4692036	36	32	186	106	6	
4692040	40	40	217	125	6	

Codice	Ø mm	Ø d mm	L mm	l mm	Z	TIALN €
4692TC006	6	6	68	24	4	
4692TC007	7	10	80	30	4	
4692TC008	8	10	88	38	4	
4692TC009	9	10	88	38	4	
4692TC010	10	10	95	45	4	
4692TC011	11	12	102	45	4	
4692TC012	12	12	110	53	4	
4692TC014	14	12	110	53	4	
4692TC016	16	16	123	63	4	
4692TC018	18	16	123	63	4	
4692TC020	20	20	141	75	4	
4692TC022	22	20	141	75	5	
4692TC025	25	25	166	90	5	
4692TC028	28	25	166	90	5	
4692TC030	30	25	166	90	5	
4692TC032	32	32	186	106	6	
4692TC036	36	32	186	106	6	
4692TC040	40	40	217	125	6	

Assortimento Frese



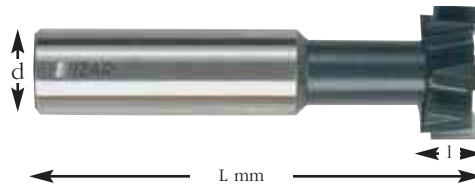
**Contenitore con 10 frese
Ø 4-5-6-8-10-12-14-16-18-20**

**Contenitore con 8 frese
Ø 6-8-10-12-14-16-18-20**

Codice	Contenitore con 10 Frese HSSCO	N° Pezzi
KIT4420	FRESA A DUE TAGLI DA Ø 4 A Ø 20	10
KIT4420 TiAlN	FRESA A DUE TAGLI DA Ø 4 A Ø 20	10
KIT4430	FRESA A TRE TAGLI 45° DA Ø 4 A Ø 20	10
KIT4430 TiAlN	FRESA A TRE TAGLI 45° DA Ø 4 A Ø 20	10
KIT4600	FRESA QUATTRO TAGLI DA Ø 4 A Ø 20	10
KIT4600 TiAlN	FRESA QUATTRO TAGLI DA Ø 4 A Ø 20	10
KIT4644	FRESA QUATTRO TAGLI SGROSSARE PASSO FINE DA Ø 4 A Ø 20	10
KIT4644 TiAlN	FRESA QUATTRO TAGLI SGROSSARE PASSO FINE DA Ø 4 A Ø 20	10

Codice	Contenitore con 8/10 Frese ASP 52	N° Pezzi
KIT6420	FRESE A DUE TAGLI DA Ø 4 A Ø 20	10
KIT6420 TiAlN	FRESE A DUE TAGLI DA Ø 4 A Ø 20	10
KIT6430	FRESE A TRE TAGLI 45° DA Ø 4 A Ø 20	10
KIT6430 TiAlN	FRESE A TRE TAGLI 45° DA Ø 4 A Ø 20	10
KIT6600	FRESE A QUATTRO TAGLI DA Ø 4 A Ø 20	10
KIT6600 TiAlN	FRESE A QUATTRO TAGLI DA Ø 4 A Ø 20	10
KIT6604	FRESE QUATTRO TAGLI 55° PER FINITURA DA Ø 6 A Ø 20	8
KIT6604 TiAlN	FRESE QUATTRO TAGLI 55° PER FINITURA DA Ø 6 A Ø 20	8
KIT6644	FRESE A SGROSSARE PASSO FINE DA Ø 6 A Ø 20	8
KIT6644 TiAlN	FRESE A SGROSSARE PASSO FINE DA Ø 6 A Ø 20	8

Frese per cave a "T"



4800

Cave a
"T"

HSSE
8%Co

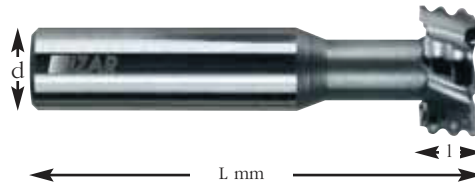
DIN
851 N
AA

ISO
3337



Tol.
D (d11)
d (h8)

Codice	Ø D mm	x l mm	Ø d mm	L mm	Z	HSSE 8%Co €
4800011	11,00	4	10	53,50	6	
4800012,5	12,50	6	10	57,00	6	
4800016	16,00	8	10	62,00	6	
4800018	18,00	8	12	70,00	8	
4800021	21,00	9	12	74,00	8	
4800025	25,00	11	16	82,00	8	
4800032	32,00	14	16	90,00	10	
4800040	40,00	18	25	108,00	10	



4802

Cave a
"T"

HSSE
8%Co

DIN
851 NR
AA

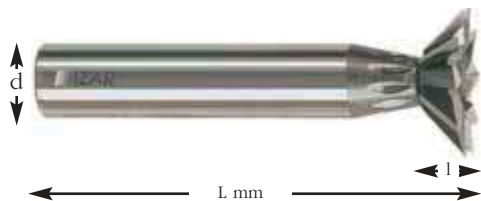


Tol.
D (js16)
d (h8)

Rompitrucciolo

Codice	Ø D mm	x l mm	Ø d mm	L mm	Z	HSSE 8%Co €
4802016	16	8	10	62	4	
4802018	18	8	12	70	4	
4802021	21	9	12	74	5	
4802025	25	11	16	82	5	
4802032	32	14	16	90	6	
4802040	40	18	25	108	6	

Frese ad angolo



ref. **4330**

HSSE 8%Co	DIN 1833 N A	ISO 3859
Tol. D (js16) d (h8)	Divergente	



ref. **4340**

HSSE 8%Co	DIN 1833 N B	ISO 3859
Tol. D (js16) d (h8)	Convergente	

Codice	Ø mm	Ang.°	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4330016	16	45°	12	60	4,00	8	
4330020	20	45°	12	63	5,00	8	
4330025	25	45°	12	67	6,30	10	
4330032	32	45°	16	71	8,00	12	
4330016A	16	60°	12	60	6,30	8	
4330020A	20	60°	12	63	8,00	8	
4330025A	25	60°	12	67	10,00	10	
4330032A	32	60°	16	71	12,50	12	

Codice	Ø mm	Ang.°	Ø d mm	L mm	l mm	Z	HSSE 8%Co €
4340016	16	45°	12	60	4,00	8	
4340020	20	45°	12	63	5,00	8	
4340025	25	45°	12	67	6,30	10	
4340032	32	45°	16	71	8,00	12	
4340016A	16	60°	12	60	6,30	8	
4340020A	20	60°	12	63	8,00	8	
4340025A	25	60°	12	67	10,00	10	
4340032A	32	60°	16	71	12,50	12	



ref. **5080**

Semiconcava
1/4 di cerchio

Serie
Corta

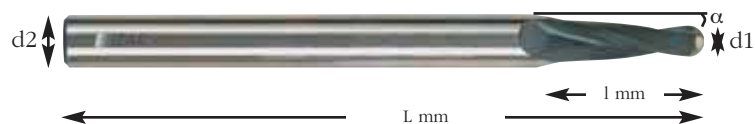
HSSE
8%Co

DIN
6518 N
B

Tol.
R (H11)
d2 (h6)

Codice	Radio	Ø d3 mm	Ø d1 mm	Ø d2 mm	L mm	l mm	Z	HSSE 8%Co €
5080001	1,00	6	10	10	60		4	
5080001,6	1,60	6	10	10	60		4	
5080002	2,00	6	10	10	60		4	
5080002,5	2,50	6	11	10	60	8	4	
5080003	3,00	6	12	12	60		4	
5080004	4,00	6	14	12	60	10	4	
5080005	5,00	6	16	12	60	10	4	
5080006	6,00	8	20	16	67	12	4	
5080007	7,00	8	22	16	71	16	4	
5080008	8,00	8	24	16	71	16	4	
5080009	9,00	8	26	25	85	18	4	
5080010	10,00	8	28	25	85	18	4	
5080012	12,00	10	34	25	90	24	4	
5080012,5	12,50	16	41	25	100	28	6	
5080016	16,00	16	48	25	100	28	6	
5080020	20,00	16	56	32	112	32	6	

Frese raggiate a copiare



ref. **4782**

Conica

2 Z

Serie
Lunga

HSSE
8%Co

IZAR
Std.
N



Tol.
d (h6)

Codice	Ø d1 mm	Ø d2 mm	L mm	l mm	Ang.° α	HSSE 8%Co €
4782003	3	10	200	52	4°	
4782004	4	10	200	50		
4782005	5	10	200	38		
4782006	6	12	200	46		
4782007	7	12	200	39		
4782008	8	14	200	47		
4782010	10	16	200	48		
4782012	12	20	200	63		
4782016	16	25	200	72		
4782020	20	25	200	100		
4782024	24	25	200	100		

Frese Frontali a Finire Codolo Conico



ref. **4610**

HSSE
8%Co

DIN
845 N
B

ISO
1641



Tol.
D (k10)



TIALN

Codice	Ø mm	CM	L mm	l mm	Z	HSSE 8%Co €
4610010	10	1	92	22	4	
4610012	12	1	96	26	4	
4610014	14	2	111	26	4	
4610015	15	2	111	26	4	
4610016	16	2	117	32	4	
4610018	18	2	117	32	4	
4610020	20	2	123	38	4	
4610022	22	2	123	38	6	
4610024	24	3	147	45	6	
4610025	25	3	147	45	6	
4610026	26	3	147	45	6	
4610028	28	3	147	45	6	
4610030	30	3	147	45	6	
4610032	32	4	178	53	6	
4610036	36	4	178	53	6	
4610040	40	4	188	63	8	
4610045	45	4	188	63	8	
4610050	50	5	233	75	8	
4610056	56	5	233	75	8	
4610063	63	5	248	90	8	

Codice	Ø mm	CM	L mm	l mm	Z	TIALN €
4610TC010	10	1	92	22	4	
4610TC012	12	1	96	26	4	
4610TC014	14	2	111	26	4	
4610TC015	15	2	111	26	4	
4610TC016	16	2	117	32	4	
4610TC018	18	2	117	32	4	
4610TC020	20	2	123	38	4	
4610TC022	22	2	123	38	6	
4610TC024	24	3	147	45	6	
4610TC025	25	3	147	45	6	
4610TC026	26	3	147	45	6	
4610TC028	28	3	147	45	6	
4610TC030	30	3	147	45	6	
4610TC032	32	4	178	53	6	
4610TC036	36	4	178	53	6	
4610TC040	40	4	188	63	8	
4610TC045	45	4	188	63	8	
4610TC050	50	5	233	75	8	
4610TC056	56	5	233	75	8	
4610TC063	63	5	248	90	8	

Frese Frontali a Semifinire Codolo Conico



ref. **4676**

HSSE
8%Co

DIN
845 NF
B

ISO
1641



Tol.
D (k12)



TIALN

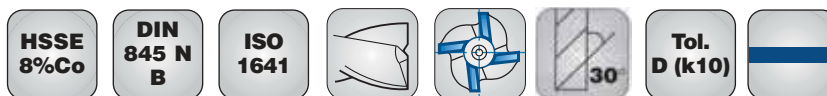
Codice	Ø mm	CM	L mm	l mm	Z	HSSE 8%Co €
4676010	10	1	92	22	4	
4676012	12	1	96	26	4	
4676014	14	2	111	26	4	
4676015	15	2	111	26	4	
4676016	16	2	117	32	4	
4676018	18	2	117	32	4	
4676020	20	2	123	38	4	
4676022	22	2	123	38	5	
4676024	24	3	147	45	5	
4676025	25	3	147	45	5	
4676026	26	3	147	45	5	
4676028	28	3	147	45	5	
4676030	30	3	147	45	5	
4676032	32	4	178	53	6	
4676036	36	4	178	53	6	
4676040	40	4	188	63	8	
4676045	45	4	188	63	8	
4676050	50	5	233	75	8	
4676056	56	5	233	75	8	
4676063	63	5	248	90	8	

Codice	Ø mm	CM	L mm	l mm	Z	TIALN €
4676TC010	10	1	92	22	4	
4676TC012	12	1	96	26	4	
4676TC014	14	2	111	26	4	
4676TC015	15	2	111	26	4	
4676TC016	16	2	117	32	4	
4676TC018	18	2	117	32	4	
4676TC020	20	2	123	38	4	
4676TC022	22	2	123	38	5	
4676TC024	24	3	147	45	5	
4676TC025	25	3	147	45	5	
4676TC026	26	3	147	45	5	
4676TC028	28	3	147	45	5	
4676TC030	30	3	147	45	5	
4676TC032	32	4	178	53	6	
4676TC036	36	4	178	53	6	
4676TC040	40	4	188	63	8	
4676TC045	45	4	188	63	8	
4676TC050	50	5	233	75	8	
4676TC056	56	5	233	75	8	
4676TC063	63	5	248	90	8	

Frese Frontali a Finire Codolo Conico



ref. **4510**



Codice	Ø mm	CM	L mm	l mm	Z	HSSE 8%Co €
4510010	10	1	92	22	4	
4510012	12	1	96	26	4	
4510014	14	2	111	26	4	
4510015	15	2	111	26	4	
4510016	16	2	117	32	4	
4510018	18	2	117	32	4	
4510020	20	2	123	38	4	
4510022	22	2	123	38	6	
4510024	24	3	147	45	6	
4510025	25	3	147	45	6	
4510026	26	3	147	45	6	
4510028	28	3	147	45	6	
4510030	30	3	147	45	6	
4510032	32	4	178	53	6	
4510036	36	4	178	53	6	
4510040	40	4	188	63	8	
4510045	45	4	188	63	8	
4510050	50	5	233	75	8	
4510056	56	5	233	75	8	
4510063	63	5	248	90	8	

Frese Frontali a Sgrossare Codolo Conico



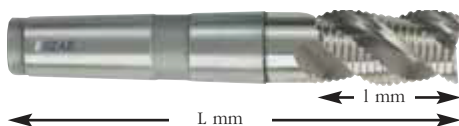
ref. **4570**



Codice	Ø mm	CM	L mm	l mm	Z	HSSE 8%Co €
4570010	10	1	92	22	4	
4570012	12	1	96	26	4	
4570014	14	2	111	26	4	
4570015	15	2	111	26	4	
4570016	16	2	117	32	4	
4570018	18	2	117	32	4	
4570020	20	2	123	38	4	
4570022	22	2	123	38	5	
4570024	24	3	147	45	5	
4570025	25	3	147	45	5	
4570026	26	3	147	45	5	
4570028	28	3	147	45	5	
4570030	30	3	147	45	5	
4570032	32	4	178	53	6	
4570036	36	4	178	53	6	
4570040	40	4	188	63	6	
4570045	45	4	188	63	6	
4570050	50	5	233	75	6	
4570056	56	5	233	75	8	
4570063	63	5	248	90	8	

Codice	Ø mm	CM	L mm	l mm	Z	TIALN €
4570TC010	10	1	92	22	4	
4570TC012	12	1	96	26	4	
4570TC014	14	2	111	26	4	
4570TC015	15	2	111	26	4	
4570TC016	16	2	117	32	4	
4570TC018	18	2	117	32	4	
4570TC020	20	2	123	38	4	
4570TC022	22	2	123	38	5	
4570TC024	24	3	147	45	5	
4570TC025	25	3	147	45	5	
4570TC026	26	3	147	45	5	
4570TC028	28	3	147	45	5	
4570TC030	30	3	147	45	5	
4570TC032	32	4	178	53	6	
4570TC036	36	4	178	53	6	
4570TC040	40	4	188	63	6	
4570TC045	45	4	188	63	6	
4570TC050	50	5	233	75	6	
4570TC056	56	5	233	75	8	
4570TC063	63	5	248	90	8	

Frese Frontali a Sgrossare Codolo Conico



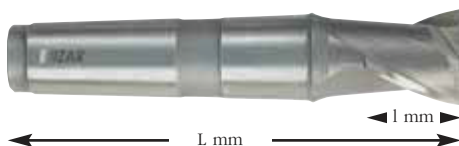
ref. **4675**



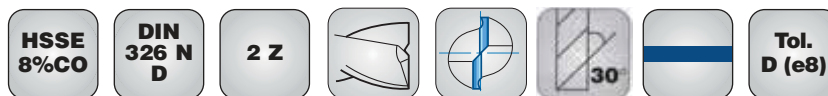
Codice	Ø mm	CM	L mm	l mm	Z	HSSE 8%Co €
4675012	12	1	96	26	4	
4675014	14	2	111	26	4	
4675016	16	2	117	32	4	
4675018	18	2	117	32	4	
4675020	20	2	123	38	4	
4675022	22	2	123	38	4	
4675025	25	3	147	45	5	
4675028	28	3	147	45	5	
4675030	30	3	147	45	5	
4675032	32	4	178	53	5	
4675036	36	4	178	53	6	
4675040	40	4	188	63	6	
4675045	45	4	188	63	6	
4675050	50	5	233	75	6	

Codice	Ø mm	CM	L mm	l mm	Z	TIALN €
4675TC012	12	1	96	26	4	
4675TC014	14	2	111	26	4	
4675TC016	16	2	117	32	4	
4675TC018	18	2	117	32	4	
4675TC020	20	2	123	38	4	
4675TC022	22	2	123	38	4	
4675TC025	25	3	147	45	5	
4675TC028	28	3	147	45	5	
4675TC030	30	3	147	45	5	
4675TC032	32	4	178	53	5	
4675TC036	36	4	178	53	6	
4675TC040	40	4	188	63	6	
4675TC045	45	4	188	63	6	
4675TC050	50	5	233	75	6	

Frese Frontali a Finire Codolo Conico

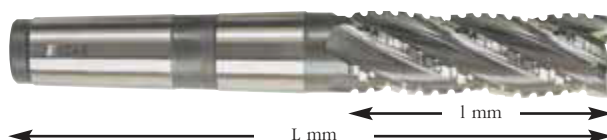


ref. **4550**



Codice	Ø mm	CM	L mm	l mm	HSSE 8%Co €
4550010	10	1	83	13	
4550012	12	1	86	16	
4550014	14	2	101	16	
4550016	16	2	104	19	
4550018	18	2	104	19	
4550020	20	2	107	22	
4550022	22	2	107	22	
4550024	24	3	128	26	
4550025	25	3	128	26	
4550026	26	3	128	26	
4550028	28	3	128	26	
4550030	30	3	128	26	
4550032	32	4	157	32	
4550036	36	4	157	32	
4550040	40	4	163	38	

Frese Frontali a Semifinire Codolo Conico



ref. **4686**

HSSE
8%Co

DIN
845 NF
B

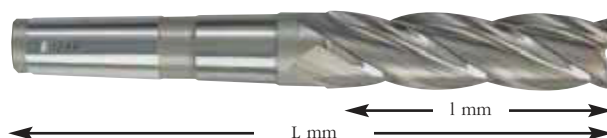
ISO
1641



Tol.
D (k12)

Codice	Ø mm	CM	L mm	l mm	Z	HSSE 8%Co €
4686016	16	2	148	63	4	
4686018	18	2	148	63	4	
4686020	20	2	160	75	4	
4686022	22	2	160	75	5	
4686024	24	3	192	90	5	
4686025	25	3	192	90	5	
4686026	26	3	192	90	5	
4686028	28	3	192	90	5	
4686030	30	3	192	90	5	
4686032	32	4	231	106	6	
4686036	36	4	231	106	6	
4686040	40	4	250	125	8	
4686045	45	4	250	125	8	
4686050	50	5	308	150	8	
4686056	56	5	308	150	8	
4686063	63	5	338	180	8	

Frese Frontali a Finire Lunga Codolo Conico



ref. **4516**

HSSE
8%Co

DIN
845 N
B

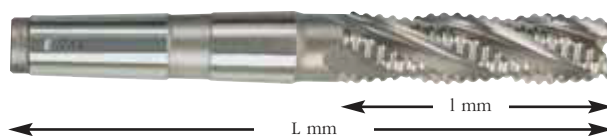
ISO
1641



Tol.
D (k10)

Codice	Ø mm	CM	L mm	l mm	Z	HSSE 8%Co €
4516010	10	1	115	45	4	
4516012	12	1	123	53	4	
4516014	14	2	138	53	4	
4516015	15	2	138	53	4	
4516016	16	2	148	63	4	
4516018	18	2	148	63	4	
4516020	20	2	160	75	4	
4516022	22	2	160	75	6	
4516024	24	3	192	90	6	
4516025	25	3	192	90	6	
4516026	26	3	192	90	6	
4516028	28	3	192	90	6	
4516030	30	3	192	90	6	
4516032	32	4	231	106	6	
4516036	36	4	231	106	6	
4516040	40	4	250	125	8	
4516045	45	4	250	125	8	
4516050	50	5	308	150	8	
4516056	56	5	308	150	8	
4516063	63	5	338	180	8	

Frese Frontali a Sgrossare Serie Lunga Codolo Conico



ref. **4580**

HSSE
8%Co

DIN
845 NR
B

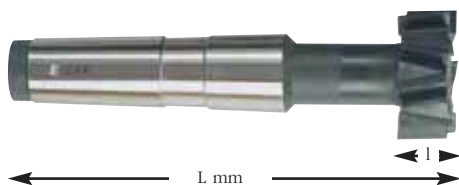
ISO
1641



Tol.
D (k12)

Codice	Ø mm	CM	L mm	l mm	Z	HSSE 8%Co €
4580010	10	1	115	45	4	
4580012	12	1	123	53	4	
4580014	14	2	138	53	4	
4580015	15	2	138	53	4	
4580016	16	2	148	63	4	
4580018	18	2	148	63	4	
4580020	20	2	160	75	4	
4580022	22	2	160	75	6	
4580024	24	3	192	90	6	
4580025	25	3	192	90	6	
4580026	26	3	192	90	6	
4580028	28	3	192	90	6	
4580030	30	3	192	90	6	
4580032	32	4	231	106	6	
4580036	36	4	231	106	6	
4580040	40	4	250	125	8	
4580045	45	4	250	125	8	
4580050	50	5	308	150	8	
4580056	56	5	308	150	8	
4580063	63	5	338	180	8	

Frese per scanalature a T Codolo Conico



ref. **4810**

Cave
a
"T"

HSSE
8%Co

DIN
851 N
B

ISO
1641



Tol.
D (d11)
d (d11)

Codice	Ø D mm	x l mm	CM	L mm	Z	HSSE 8%Co €
4810018	18,00	8	1	82	8	
4810021	21,00	9	2	102	8	
4810025	25,00	11	2	104	8	
4810032	32,00	14	2	111	10	
4810040	40,00	18	3	140	10	
4810050	50,00	22	4	187	10	
4810060	60,00	28	4	201	10	
4810072	72,00	35	5	248	12	



ref. **4812**

Cave
a
"T"

HSSE
8%Co

DIN
851 NR
B

ISO
1641



Tol.
D (d11)
d (d11)

Codice	Ø D mm	x l mm	CM	L mm	Z	HSSE 8%Co €
4812018	18,00	8	1	82	4	
4812021	21,00	9	2	102	5	
4812025	25,00	11	2	104	5	
4812032	32,00	14	2	111	6	
4812040	40,00	18	3	140	6	
4812050	50,00	22	4	187	6	

Frese Creatore per Ingranaggi

ref. **5206**



HSSE 5% Co	DIN 858	α Presión β 20°	Tol. $\varnothing$ (H6)		Modular	Taglienti Rettificati	Profilo di Finitura
---------------	------------	------------------------------------	----------------------------	---	---------	--------------------------	------------------------

Codice	Mod.	D mm	d mm	L mm	Cuts	HSSE Co €
52060050	0,50	45	22	35	12	
52060075	0,75	45	22	45	12	
52060100	1,00	50	22	50	12	
52060125	1,25	50	22	50	12	
52060150	1,50	55	22	55	12	
52060175	1,75	55	22	55	10	
52060200	2,00	60	22	60	10	
52060225	2,25	60	22	60	10	
52060250	2,50	65	22	65	10	
52060275	2,75	65	22	65	10	
52060300	3,00	70	27	70	10	
52060325	3,25	75	27	70	9	
52060350	3,50	75	27	75	9	
52060375	3,75	80	27	75	9	
52060400	4,00	80	27	80	9	
52060450	4,50	85	27	85	9	
52060500	5,00	95	27	90	9	
52060550	5,50	100	32	95	9	
52060600	6,00	105	32	100	9	
52060650	6,50	110	32	110	9	
52060700	7,00	115	32	115	9	
52060800	8,00	120	32	130	9	
52060900	9,00	125	32	145	8	
52061000	10,00	140	32	160	8	

