

Fresa in metallo duro.



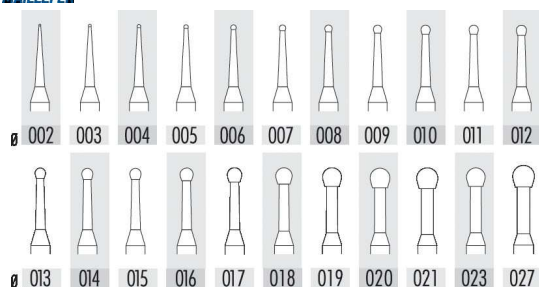
MSA	Lunghezza totale	Kg
22.558-270	25 mm (5 mm)	0.001

Fresa in metallo duro per piedini di quadrante.
- Gambo Ø 3.00 ; taglio Ø 2.70 mm.

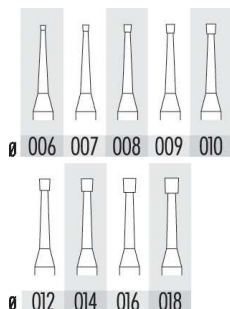
Frese in carburo di tungsteno, Ø gambo 2.35.

Esempio di ordinazione : MSA22.400-xxxx
(Estensione 3 cifre = Ø testa mm)

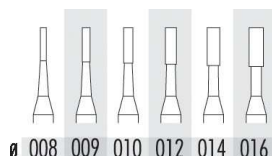
MSA22.400-002 = Ø testa 0.20 mm
MSA22.400-027 = Ø testa 2.70 mm



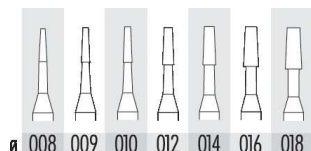
MSA	Tipo	Forma	Ø testa	Kg
22.400-002	123	Rotonda	0.20 mm	0.001
...	...	...	...	...
22.400-027	123	Rotonda	2.70 mm	0.001



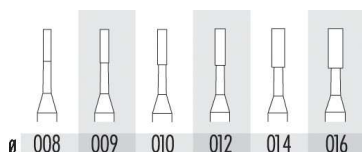
MSA	Tipo	Forma	Ø testa	Kg
22.401-006	124	Cono invertito	0.60 mm	0.001
...	...	...	...	...
22.401-018	124	Cono invertito	1.80 mm	0.001



MSA	Tipo	Forma	Ø testa	Kg
22.404-008	129	Cilindrica	0.80 mm	0.001
...	...	...	...	...
22.404-016	129	Cilindrica	1.60 mm	0.001



MSA	Tipo	Forma	Ø testa	Kg
22.405-008	130	Cono	0.80 mm	0.001
...	...	...	...	...
22.405-018	130	Cono	1.80 mm	0.001

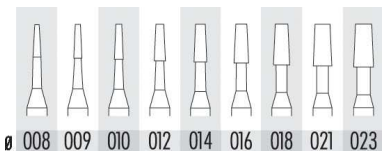


MSA	Tipo	Forma	Ø testa	Kg
22.407-008	137	Cilindrica	0.80 mm	0.001
...	...	...	...	...
22.407-016	137	Cilindrica	1.60 mm	0.001



Esempio di ordinazione : MSA22.400-xxxx
(Estensione 3 cifre = Ø testa mm)

MSA22.400-008 = Ø testa 0.80 mm
MSA22.400-023 = Ø testa 2.30 mm



MSA	Tipo	Forma	Ø testa	Kg
22.408-008	138	Cono	0.80 mm	0.001
...	...	...	...	...
22.408-023	138	Cono	2.30 mm	0.001

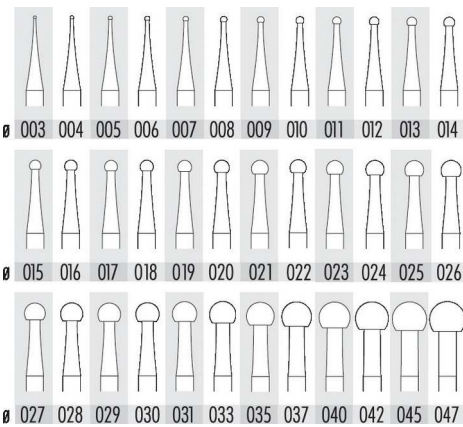


MSA	Tipo	Lunghezza	Ø testa	Kg
22.450	Standard	12.20 mm	6 mm	0.002
22.450-F	Fine	12.20 mm	6 mm	0.002

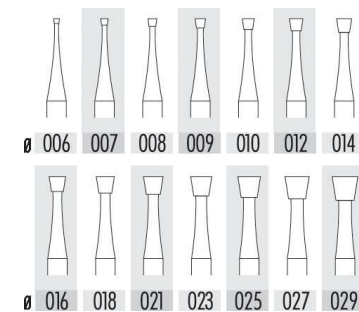
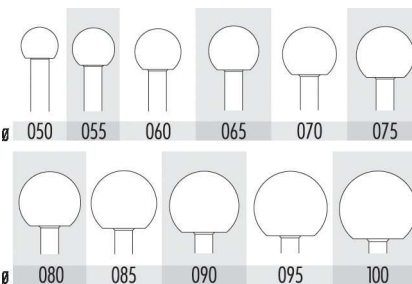
Frese in acciaio per utensili, gambo Ø 2.35.

Esempio di ordinazione : MSA22.300-xxxx
(Estensione 3 cifre = Ø testa mm)

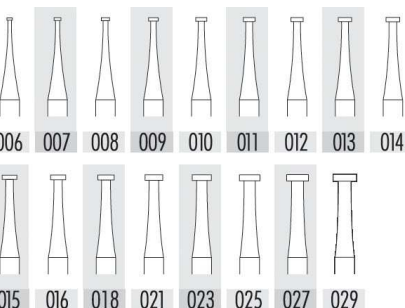
MSA22.300-003 = Ø testa 0.30 mm
MSA22.300-100 = Ø testa 10.00 mm



MSA	Tipo	Forma	Ø testa	Kg
22.300-003	23	Rotonda	0.30 mm	0.001
...	...	...	...	...
22.300-100	23	Rotonda	10.00 mm	0.001

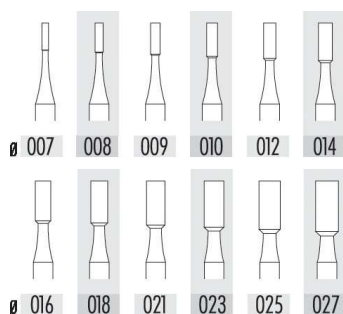


MSA	Tipo	Forma	Ø testa	Kg
22.301-006	24	Cono invertito	0.60 mm	0.001
...	...	...	...	...
22.301-029	24	Cono invertito	2.90 mm	0.001

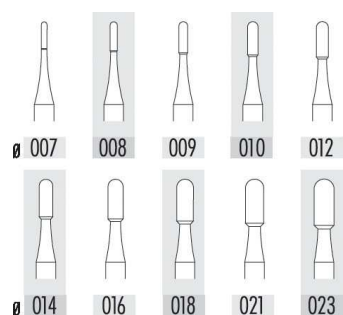


MSA	Tipo	Forma	Ø testa	Kg
22.302-006	25	Ruota	0.60 mm	0.001
...	...	...	...	...
22.302-029	25	Ruota	2.90 mm	0.001

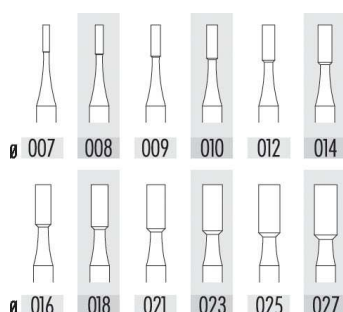




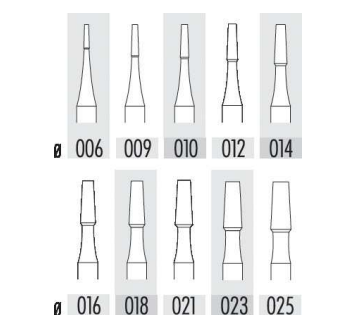
MSA	Tipo	Forma	Ø testa	Kg
22.303-007	26	Cilindrica	0.70 mm	0.001
...	...	...	...	...
22.303-027	26	Cilindrica	2.70 mm	0.001



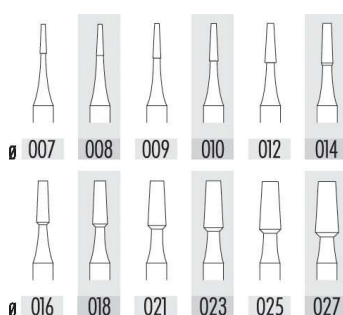
MSA	Tipo	Forma	Ø testa	Kg
22.304-007	28	Cilindrica	0.70 mm	0.001
...	...	...	...	...
22.304-023	28	Cilindrica	2.30 mm	0.001



MSA	Tipo	Forma	Ø testa	Kg
22.312-007	29	Cilindrica	0.70 mm	0.001
...	...	...	...	...
22.312-027	29	Cilindrica	2.70 mm	0.001



MSA	Tipo	Forma	Ø testa	Kg
22.305-009	30	Cono	0.90 mm	0.001
...	...	...	...	...
22.305-025	30	Cono	2.50 mm	0.001

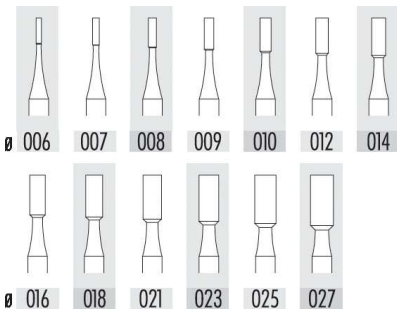


MSA	Tipo	Forma	Ø testa	Kg
22.313-007	31	Cono	0.70 mm	0.001
...	...	...	...	...
22.313-027	31	Cono	2.70 mm	0.001

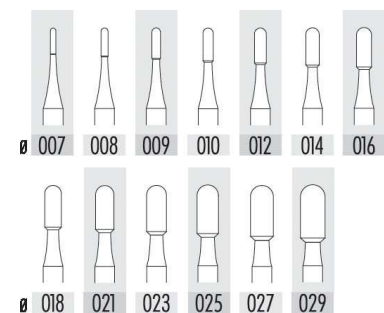


Esempio di ordinazione : MSA22.306-xxxx
(Estensione 3 cifre = Ø testa mm)

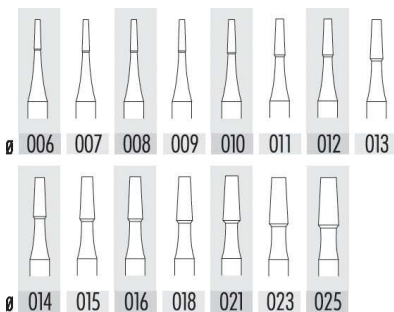
MSA22.306-006 = Ø testa 0.60 mm
MSA22.308-027 = Ø testa 2.70 mm



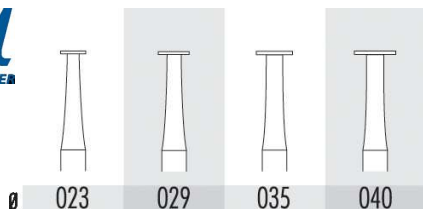
MSA	Tipo	Forma	Ø testa	Kg
22.306-006	34	Cilindrica	0.60 mm	0.001
...	...	...	...	...
22.306-027	34	Cilindrica	2.70 mm	0.001



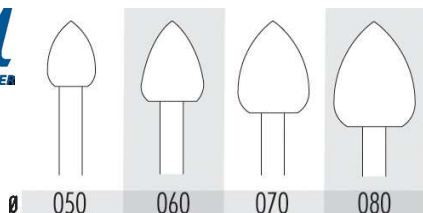
MSA	Tipo	Forma	Ø testa	Kg
22.308-007	36	Cilindrica	0.70 mm	0.001
...	...	...	...	...
22.308-029	36	Cilindrica	2.90 mm	0.001



MSA	Tipo	Forma	Ø testa	Kg
22.309-006	38	Cono	0.60 mm	0.001
...	...	...	...	...
22.309-025	38	Cono	2.50 mm	0.001

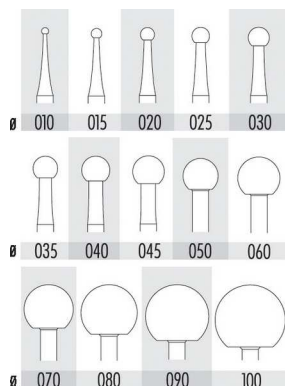


MSA	Tipo	Forma	Ø testa	Kg
22.311-023	45	Ruota	2.30 mm	0.001
...	...	...	...	...
22.311-040	45	Ruota	4.00 mm	0.001

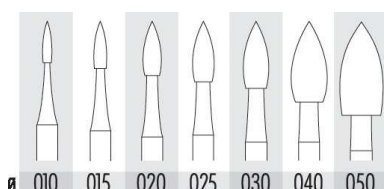


MSA	Tipo	Forma	Ø testa	Kg
22.211-050	83	Ogiva	5.00 mm	0.001
...	...	...	...	...
22.211-080	83	Ogiva	8.00 mm	0.001

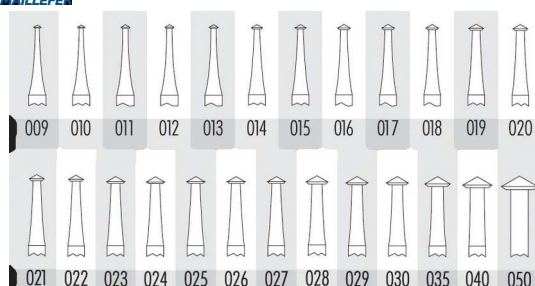




MSA	Tipo	Forma	Ø testa	Kg
22.100-010	A	Tonda fine	1.00 mm	0.001
...	...	...	...	...
22.100-100	A	Tonda fine	10.00 mm	0.001

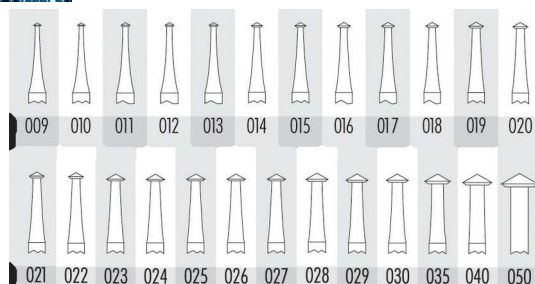
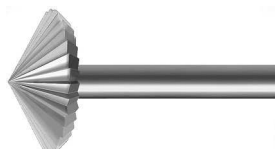


MSA	Tipo	Forma	Ø testa	Kg
22.102-010	G	Fiamma fine	1.00 mm	0.001
...	...	...	...	...
22.102-050	G	Fiamma fine	5.00 mm	0.001



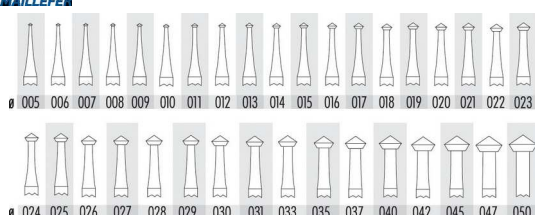
MSA	Tipo	Forma	Ø testa	Kg
22.103-009	H	Doppio cono 120°	0.90 mm	0.001
...	...	...	...	...
22.103-050	H	Doppio cono 120°	5.00 mm	0.001

✂ 120°



MSA	Tipo	Forma	Ø testa	Kg
22.121-005	HB	Doppio cono 70°	0.50 mm	0.001
...	...	...	...	...
22.121-037	HB	Doppio cono 70°	3.70 mm	0.001

✂ 70°



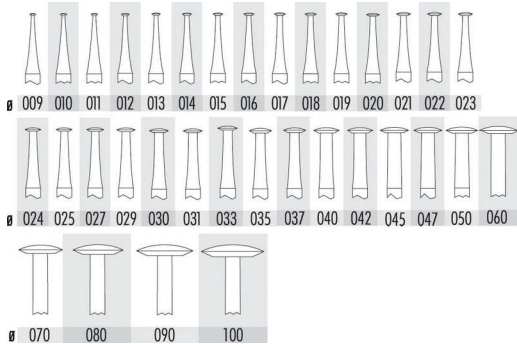
MSA	Tipo	Forma	Ø testa	Kg
22.104-005	HD	Doppio cono 90°	0.50 mm	0.001
...	...	...	...	...
22.104-050	HD	Doppio cono 90°	5.00 mm	0.001

✂ 90°

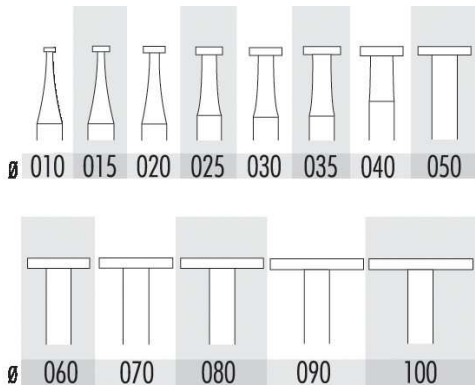


Esempio di ordinazione : MSA22.105-xxxx
(Estensione 3 cifre = Ø testa mm)

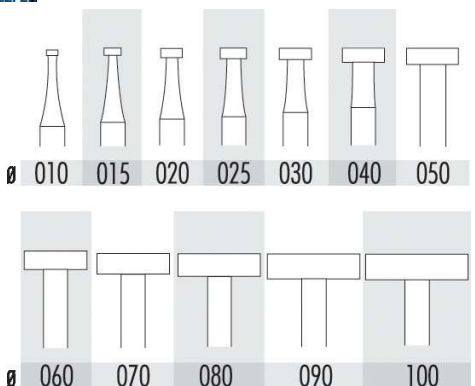
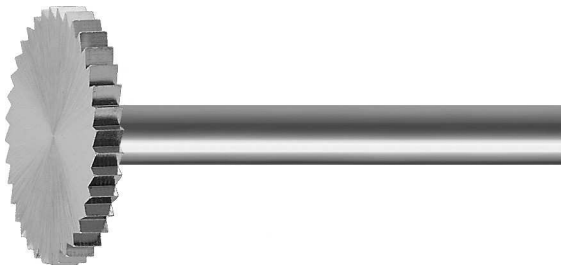
MSA22.105-009 = Ø testa 0.90 mm
MSA22.105-100 = Ø testa 10.00 mm



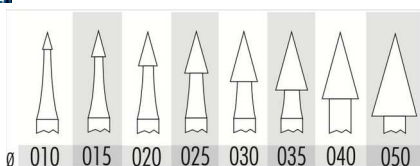
MSA	Tipo	Forma	Ø testa	Kg
22.105-009	HH	Lente	0.90 mm	0.001
...	...	...	...	...
22.105-100	HH	Lente	10.00 mm	0.001



MSA	Tipo	Forma	Ø testa	Kg
22.107-010	K	Ruota	1.00 mm	0.001
...	...	...	...	...
22.107-100	K	Ruota	10.00 mm	0.001

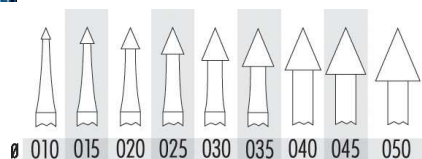


MSA	Tipo	Forma	Ø testa	Kg
22.110-010	KK	Ruota	1.00 mm	0.001
...	...	...	...	...
22.110-100	KK	Ruota	10.00 mm	0.001

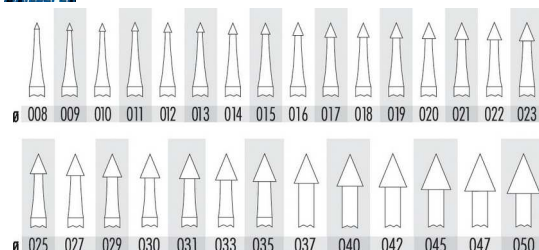


MSA	Tipo	Forma	Ø testa	Kg
22.112-010	N	Cono 30°	1.00 mm	0.001
...	...	...	...	...
22.112-050	N	Cono 30°	5.00 mm	0.001

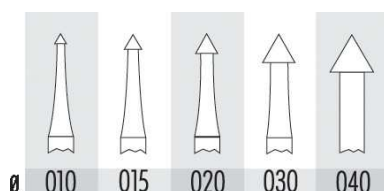




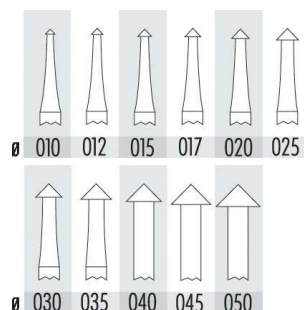
MSA	Tipo	Forma	Ø testa	Kg
22.113-010	NN (fine)	Cono 45°	1.00 mm	0.001
...	...	...	...	...
22.113-050	NN (fine)	Cono 45°	5.00 mm	0.001



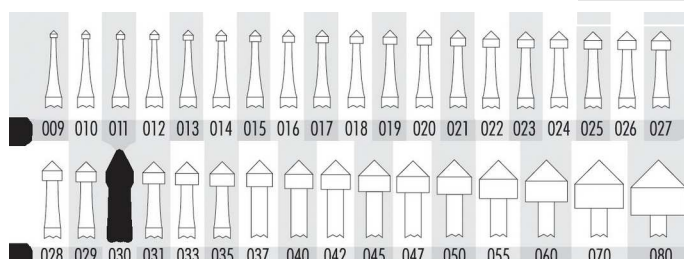
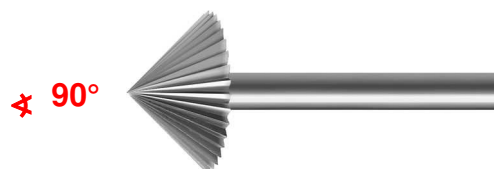
MSA	Tipo	Forma	Ø testa	Kg
22.123-008	NN (grosso)	Cono 45°	0.80 mm	0.001
...	...	...	...	...
22.123-050	NN (grosso)	Cono 45°	5.00 mm	0.001



MSA	Tipo	Forma	Ø testa	Kg
22.114-010	O	Cono 60°	1.00 mm	0.001
...	...	...	...	...
22.114-040	O	Cono 60°	4.00 mm	0.001



MSA	Tipo	Forma	Ø testa	Kg
22.115-010	P	Cono 90°	1.00 mm	0.001
...	...	...	...	...
22.115-050	P	Cono 90°	5.00 mm	0.001

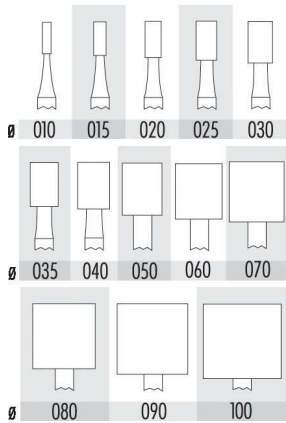


MSA	Tipo	Forma	Ø testa	Kg
22.116-009	Q	Cilindrica appuntita	0.90 mm	0.001
...	...	...	...	...
22.116-080	Q	Cilindrica appuntita	8.00 mm	0.001

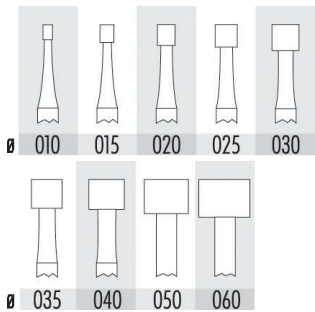


Esempio di ordinazione : MSA22.117-xxxx
(Estensione 3 cifre = Ø testa mm)

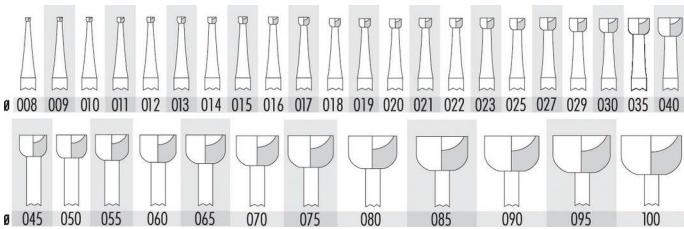
MSA22.117-010 = Ø testa 0.10 mm
MSA22.117-100 = Ø testa 10.00 mm



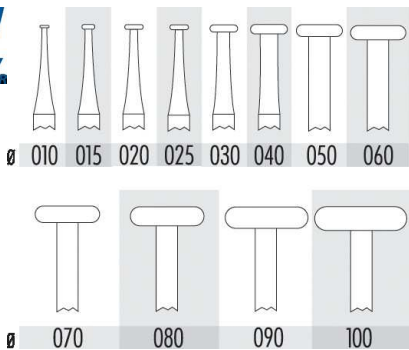
MSA	Tipo	Forma	Ø testa	Kg
22.117-010	R	Cilindrica	1.00 mm	0.001
...	...	...	...	...
22.117-100	R	Cilindrica	10.00 mm	0.001



MSA	Tipo	Forma	Ø testa	Kg
22.122-010	RR	Cilindrica	1.00 mm	0.001
...	...	...	...	0.001
22.122-060	RR	Cilindrica	6.00 mm	0.001



MSA	Tipo	Forma	Ø testa	Kg
22.119-008	S	Cilindrica cava	0.80 mm	0.001
...	...	...	...	...
22.119-100	S	Cilindrica cava	10.00 mm	0.001



MSA	Tipo	Forma	Ø testa	Kg
22.118-010	Y	Ruota smussata	1.00 mm	0.001
...	...	...	...	0.001
22.118-100	Y	Ruota smussata	10.00 mm	0.001

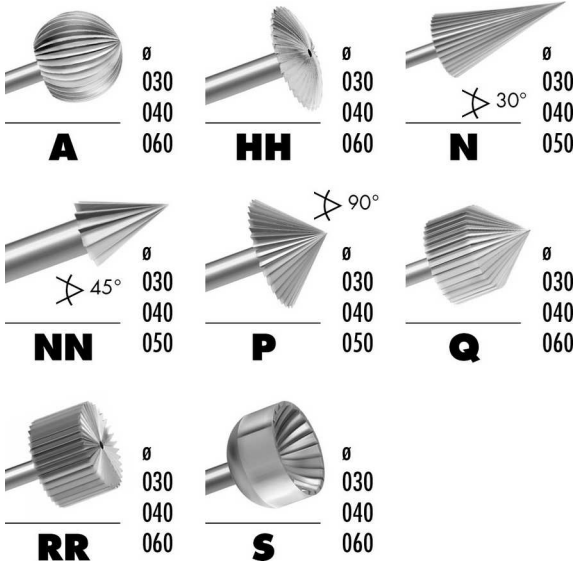


Assortimenti di 24 frese in acciaio per utensili, consegnati in 1 scatola di plastica.



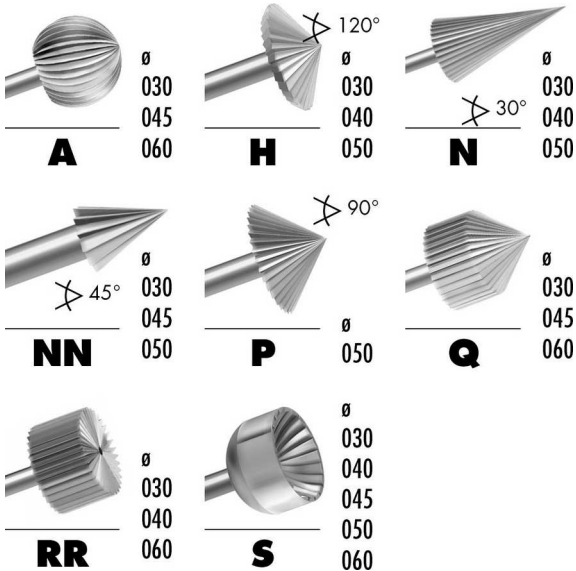
ASSORTIMENTO

MSA	Tipo	Ø gambo	Kg
22.500	1235	2.35 mm	0.090



ASSORTIMENTO

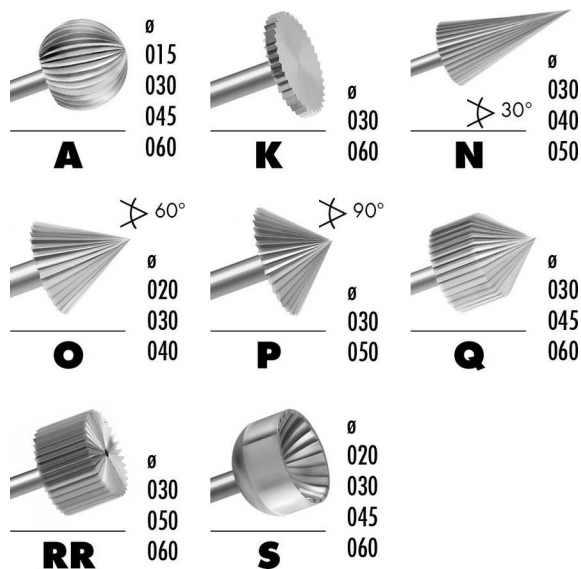
MSA	Tipo	Ø gambo	Kg
22.510	3235	2.35 mm	0.090





ASSORTIMENTO

MSA	Tipo	Ø gambo	Kg
22.515	4235	2.35 mm	0.090



ASSORTIMENTO

MSA	Tipo	Ø gambo	Kg
22.520	8235	2.35 mm	0.090

