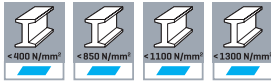


D Schaftfräser

lang, zentrumschneidend,
DIN 844 L

Einsatzbereich:

Ein breites Anwendungsspektrum bei Werkstoffen geringer Festigkeit, bis hin zu schwer zerspanbaren Werkstoffen auch mit hoher Zähigkeit, z. B. Baustählen bis hin zu legierten Werkzeugstählen. Aber auch NE-Metalle, Kobalt- und Nickellegierungen, sowie für Titan und Titanlegierungen.

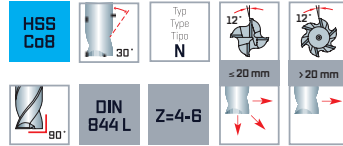


E End mills

long series, centre cutting,
DIN 844 L

Range of application:

Wide range of applications on materials with low strength up to materials difficult to machine, having a high toughness, for example structural steels or alloyed tool steels. Also including non-ferrous metals, cobalt- and nickel-alloys, as well as titanium and titanium-alloyed materials.



I Frese cilindriche frontali

serie lunga, taglienti al centro,
DIN 844 L

Impiego:

Fresatura generale adatte per lavorazioni di acciai sia a bassa resistenza che di difficile lavorabilità e ad elevata tenacità come acciai da costruzione, acciai legati da utensili. Adatte anche per materiali non ferrosi leghe al Cobalto, leghe al Nickel, Titanio e leghe di Titanio.



DIN 1836-B

d1 _{k10} mm	d2 _{h6} mm	l1 mm	l2 mm	Z	Code 1836 Art.-Nr.
3	6	56	12	4	0 1836003001 00
4	6	63	19	4	0 1836004001 00
5	6	68	24	4	0 1836005001 00
6	6	68	24	4	0 1836006001 00
7	10	80	30	4	0 1836007001 00
8	10	88	38	4	0 1836008001 00
9	10	88	38	4	0 1836009001 00
10	10	95	45	4	0 1836010001 00
11	12	102	45	4	0 1836011001 00
12	12	110	53	4	0 1836012001 00
13	12	110	53	4	0 1836013001 00

d1 _{k10} mm	d2 _{h6} mm	l1 mm	l2 mm	Z	Code 1836 Art.-Nr.
14	12	110	53	4	0 1836014001 00
15	12	110	53	4	0 1836015001 00
16	16	123	63	4	0 1836016001 00
18	16	123	63	4	0 1836018001 00
20	20	141	75	4	0 1836020001 00
22	20	141	75	6	0 1836022001 00
25	25	166	90	6	0 1836025001 00
28	25	166	90	6	0 1836028001 00
30*	25	166	90	6	0 1836030001 00
32	32	186	106	6	0 1836032001 00

*Entspricht nicht der DIN / Not corresponding to DIN / Non secondo DIN



D Schaftfräser

lang, zentrumschneidend,
DIN 844 L

Einsatzbereich:

Empfohlen zum Fräsen von weichen bis zähen, langspanenden Werkstoffen wie Al- und Cu-Legierungen sowie Thermoplaste.



E End mills

long series, centre cutting,
DIN 844 L

Range of application:

Recommended for milling in soft as well as in tough, long chipping materials such as Al- and Cu-alloys as well as in thermo plastics.



I Frese cilindriche frontali

serie lunga, tagliante al centro,
DIN 844 L

Impiego:

Adatte per lavorazioni di acciai teneri, tenaci, a truciolo lungo, leghe alluminio, leghe rame, materiali termoplastici.



d1 _{k10} mm	d2 _{h6} mm	l1 mm	l2 mm	Z	Code 1754 Art.-Nr.
5	6	68	24	2	0 1754005001 00
6	6	68	24	2	0 1754006001 00
8	10	88	38	2	0 1754008001 00
10	10	95	45	2	0 1754010001 00
12	12	110	53	3	0 1754012001 00

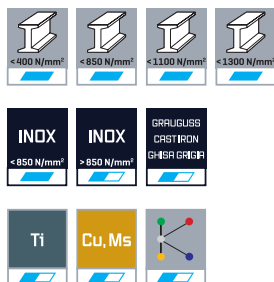
d1 _{k10} mm	d2 _{h6} mm	l1 mm	l2 mm	Z	Code 1754 Art.-Nr.
14	12	110	53	3	0 1754014001 00
16	16	123	63	3	0 1754016001 00
20	20	141	75	3	0 1754020001 00
25	25	166	90	3	0 1754025001 00
30	25	166	90	3	0 1754030001 00

D Schaftfräser

kurz, DIN 844 K

Einsatzbereich:

Empfohlen zum Fräsen von schwer zerspanbaren Werkstoffen mit hoher Festigkeit bis 1.300 N/mm² sowie für Titan und Titanlegierungen.



E End mills

short series, DIN 844 K

Range of application:

Recommended for milling in heavy duty materials with high tensile strength up to 1.300 N/mm² as well as in titanium and titanium-alloyed materials.



I Frese cilindriche frontali

serie corta, DIN 844 K

Impiego:

Adatte per lavorazioni di acciai di difficile lavorabilità ad elevata resistenza fino a R = 1.300 N/mm², Titanio, leghe di Titanio.

