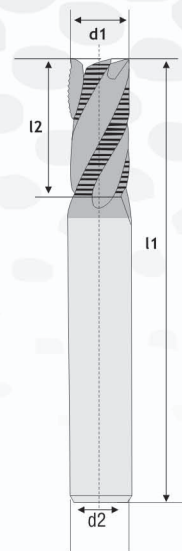


Hulk Star Roughing Finishing End Mills Regular Series

Type : N, right-hand cutting, straight shank according to DIN 6535 HA
Design Features: x 3 fluted / 4 fluted centre cutting, helix angle 30°, CNC grinding

Application : High performance Roughing Finishing end mills for periphery and rough milling. For milling of steel, steel castings, tool & Die steels, Cast Iron and non-ferrous metals.

- SPEED PRO STD. VHM
- λ 30°
- SMG
- DIN 6535 - HA
- DIN 6535 - HB
- DIN 6535 - HE



Hulk Star Roughing Finishing Endmills - Regular Series

Article No.		Dimension (mm)				Uncoated	TA-coated
3 Flute	4 Flute	Ø d1 h10	Ø d2 h6	l2	l1		
RF-SEM3060	RF-SEM4060	6	6	16	57	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RF-SEM3080	RF-SEM4080	8	8	19	60	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RF-SEM3100	RF-SEM4100	10	10	22	75	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RF-SEM3120	RF-SEM4120	12	12	25	75	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RF-SEM3140	RF-SEM4140	14	14	30	90	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RF-SEM3160	RF-SEM4160	16	16	32	100	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RF-SEM3180	RF-SEM4180	18	18	38	100	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RF-SEM3200	RF-SEM4200	20	20	38	100	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Available ex stock / subject to prior sale

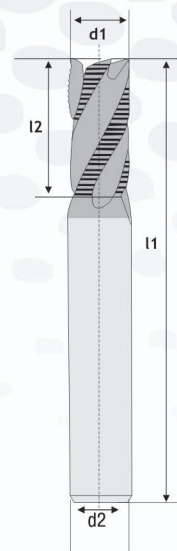
Delivery time on request - mention U if uncoated in the article no. eg. RF-SEM-U-4060

SMG Sub Micron Grade

Hulk Star Roughing Finishing End Mills Long Series

Type : N, right-hand cutting, straight shank according to DIN 6535 HA
Design Features: x 3 fluted / 4 fluted centre cutting, helix angle 30°, CNC grinding

Application : High performance Roughing Finishing end mills for periphery and rough milling. For milling of steel, steel castings, tool & Die steels, Cast Iron and non-ferrous metals.



Hulk Star Roughing Finishing Endmills - Regular Series

Article No.		Dimension (mm)				Uncoated	TA-coated
3 Flute	4 Flute	Ø d1 h10	Ø d2 h6	l2	l1		
RF-SEM3060L	RF-SEM4060L	6	6	25	57	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RF-SEM3080L	RF-SEM4080L	8	8	35	60	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RF-SEM3100L	RF-SEM4100L	10	10	45	75	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RF-SEM3120L	RF-SEM4120L	12	12	50	75	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RF-SEM3140L	RF-SEM4140L	14	14	50	150	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RF-SEM3160L	RF-SEM4160L	16	16	65	150	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RF-SEM3200L	RF-SEM4200L	20	20	70	150	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Available ex stock / subject to prior sale

Delivery time on request - mention U if uncoated in the article no. eg. RF-SEM-U-4060

SMG Sub Micron Grade

Questionnaire

Date : _____ Customer code number : _____

Telephone : _____ Company : _____

Fax : _____ Address : _____

Email : _____

Contact Person : _____ (M) _____ New cust. RFQ / PO Number : _____

Enquiry
 Order by Fax
 Order by Email

(Please tick which ever is applicable)

1. Dimensions

No of cutting edges

2. Shank form

Plain Shank HA Flatted Shank HB Whistle Notch HE

3. Roughing Forms

NR NF NRf

4. Material / Coating

Solid Carbide
 HSS M42
 HSS-PM
 Bright
 TicN-coated
 TIN Coated
 Extreme
 TIALN Coated
 Others : _____

5. Operation

Slotting
 Roughing
 Finishing
 Tracing

Depth of cut _____
 Width of cut _____

6. Work piece material

Aluminum
 General Steel
 Stainless Steel
 Cast iron
 Low alloy steel
 High alloyed steel
 Inconel
 Titanium
 P 20
 Hot die steel

7. Application

Workpiece Material : _____

Hardness : _____

Tensile Strength : _____

8. Required Quantity
