

Profile milling cutters with relief for notched bars

Design:

Entire shape with radial relief (approx. 2/3 of the tooth stable in form, therefore regrindable for several times in the chip room).

Complete reworking or regrinding of the form is therefore only necessary until approx. 2/3 of the teeth in the chip room already have been reground or when a deformation of the form appears, which results in a **high economic efficiency**.

Note:

According to DIN 148-1 (old: 50115), notched bar impact tests require a high accuracy with a very narrow tolerance. This is necessary so that calculations of the strength of the material to be sampled can be carried out correctly and accurately for statistical verification tests. In many cases, companies therefore require a measuring protocol for the milling cutters.

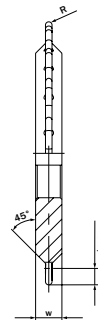
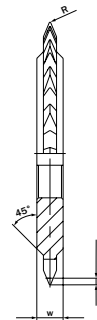
Due to the high accuracy we have our own program of notched bar impact test milling cutters in stock, in order to meet the requirements of the DIN with appropriate tools.

Application:

Notched bar impact tests acc. to DIN EN 148-1 (ISO/ V) 45° ±30' x R 0.25 ±0.025
Milling depth up to 2.0 mm possible

Application:

Notched bar impact tests acc. to DIN EN 148-1 (ISO/ U and DVM) Convex R 1 ±0.07
Milling depth up to 5.0 mm possible



ØD H7	w k11	Bore H7	Teeth	Substrate	Item number / Webcode for notched bar impact tests acc. to DIN EN 148-1 (ISO/ V)	Item number / Webcode for notched bar impact tests acc. to DIN EN 148-1 (ISO/ U and DVM)	Grade
63	6	22	15	HSS	MS.KSF.063V06.22H / BB22	MS.KSF.063U06.22H / BB3Y	Q1 UE33
75	8	27	18	HSS	MS.KSF.075V08.27H / BB24	MS.KSF.075U08.27H / BB30	Q1 UE33
80	8	27	18	HSS	MS.KSF.080V08.27H / BB26	MS.KSF.080U08.27H / BB32	Q1 UE33
100	10	32	24	HSS	MS.KSF.100V10.32H / BB28	MS.KSF.100U10.32H / BB34	Q1 UE33
120	12	32	28	HSS	MS.KSF.120V12.32H / BB3A	MS.KSF.120U12.32H / BB36	Q1 UE33
63	6	22	15	PM	MS.KSF.063V06.22P / BB3C	MS.KSF.063U06.22P / BB38	Q1 UA33
75	8	27	18	PM	MS.KSF.075V08.27P / BB3E	MS.KSF.075U08.27P / BB4A	Q1 UA33
80	8	27	18	PM	MS.KSF.080V08.27P / BB3G	MS.KSF.080U08.27P / BB4C	Q1 UA33
100	10	32	24	PM	MS.KSF.100V10.32P / BB3J	MS.KSF.100U10.32P / BB4E	Q1 UA33
120	12	32	28	PM	MS.KSF.120V12.32P / BB3M	MS.KSF.120U12.32P / BB4G	Q1 UA33
63	6	22	15	SC	MS.KSF.063V06.22V / BB3P	MS.KSF.063U06.22V / BB4J	P1 U333
75	6	27	18	SC	MS.KSF.075V06.27V / BB3S	MS.KSF.075U06.27V / BB4M	P1 U333
75	6	32	18	SC	MS.KSF.075V06.32V / BCCY	MS.KSF.075U06.32V / BCC0	P1 U333
80	6	27	18	SC	MS.KSF.080V06.27V / BB3U	MS.KSF.080U06.27V / BB4P	P1 U333
100	6	32	24	SC	MS.KSF.100V06.32V / BB3W	MS.KSF.100U06.32V / BB4S	P1 U333

Order example: **MS.KSF.063V06.22H Q1 UE33** or **BB22 Q1 UE33** (Q1 UE33 = grade)

Company _____

Contact person _____

Zip Code / City _____

Street _____

Phone _____

E-Mail _____

Your direct sales contact:

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