



CORPORATE STANDARD

AA 628 73 10

Rev. No. 02

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INDEXABLE INSERT FOR MILLING CUTTERS - TRIANGULAR

1.0 SCOPE :

This standard covers the dimensions and other requirements for triangular indexable inserts for milling cutters.

2.0 DESIGNATION:

A triangular positive milling insert having a length $l = 16.5$ mm, thickness $s = 3.18$ mm, used for both right hand and left hand cutting and of P 30 grade shall be designated as:

2.1 On Indents:

TPAN 1603 PPN P 30 - AA 628 73 10.

2.2 For issuing enquiries and on purchase orders:

Delete BHEL standard number from the above designation and add the information given under clause 3.0.

2.3 Abbreviated Description: INSERT TPAN 1603 PPN P 30.

3.0 COMPLIANCE WITH STANDARDS:

3.1 Dimensions, Tolerances: As per ISO standard

3.2 MATERIAL:

Grade of carbide shall be of the range of application as specified in accordance with IS: 2428.

3.3 Marking, Packing and other requirements: To conform to IS: 4022.

4.0 REFERRED STANDARDS (Latest Publications Including Amendments):

1) IS:2428

2) IS:4022

Revisions :

Cl. 31.5.49 of MOM of WG-T00LS

APPROVED :

INTERPLANT
STANDARDIZATION COMMITTEE (WG-TOOLS)

Rev. No. 02

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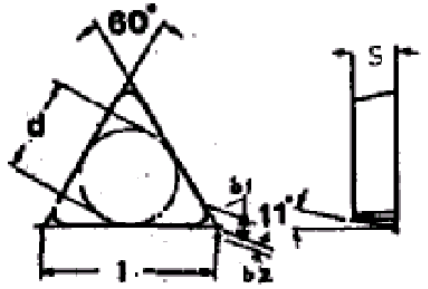
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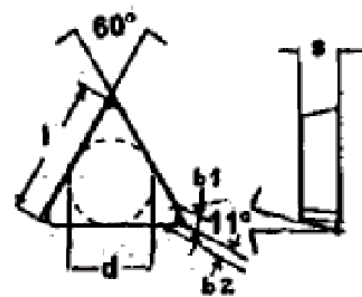
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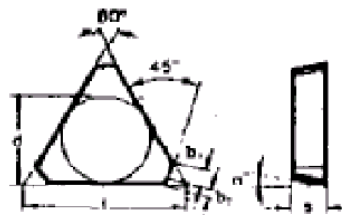
PDR



PPN



AER



All dimensions in mm.

ISO Designation	l	s	b1	b2	d	Grade	Sub Code
TPAN 1103 PPN	11	3.18	0.7	0.7	6.35	P 30	014
						K 20	022
TPAN 1603 PPN	16.5	3.18	1.2	1.2	9.52	P 30	030
						K 20	049
TPAN 2204 PDR	22.0	4.76	1.4	0.7	12.70	P 30	057
						K 20	065
TPAN 22T3 AER	22.5	3.97	2.2	1.0	13.0	P 30	073
						K 20	081
LNCX 1806 AZR 11						P 30	103
						K 20	111
LNCX 1806 AZL 11						P 30	120*
						K 20	138

Note: Details of sizes standardized at Corporate level only are shown above.
For details stocked at plant level refer annexure.