ISO metric trapezoida lewy tweeds – General plan

1 SCOPE AND FIELD OF This International Standar worthes a series of diameter and pinch combinations for the metric baceloidal screw to ISO 2901.

threads having the basic profile acce 2 REFERENCE

ISO 2001. ISO metric trapezoidal acress threads - Basic profile and maximum material profiles.

3 CHOICE OF DIAMETER AND PITCH Change, for preference, diameters in column 1 of the table and, if necessary, in column 2, and then column 3. The diameters in column 3 shall not be used for new

designs. For the diameter retained, choose one of the pitches indicated on the corresponding line, for preference the

assigned to a neighbouring diameter.

pitches within frames. If it is necessary to use a trapezoidal thread with a pitch other than indicated in the table, choose one of the pisches

4 DESIGNATION

The one-start metric trapezoidal screw threads conforming to this International Standard shall be designated by the letters Tr. followed by the values of the nominal diameter and of the pitch expressed in millimetres and separated by the sign x.

Example: Tr 40 x 7 The multiple-start metric trapezoidal screw threads

conforming to this International Standard shall be designated by the letters Tr followed by the values of the nominal diameter and of the lead for the multiple-start threads. separated by the sign x, and, in brackets, the letter P and the value of the pitch (axial distance between two neighbouring flanks in the same direction), all expressed in millimetres (see figure).

Exemple: Tr 40 x 14 (P7) (Number of starts - Lead --

For left-hand metric trapezoidal screw threads conforming to this leternational Standard, the letters LH shall be edded to the thread designation. Example : Tr 40 v 14 (P7) I.H



= lead (axial advance at one turn) P = pitch (axial distance between two neighbouring flanks in the same direction)