

# Grade

## Multi-Binder Grade

Grade	Chemical Composition		Physical Properties			Application	Old Designation
	WC(%)	Co-Ni-Cr(%)	Hardness (HRA)	TRS (Kg/mm <sup>2</sup> )	Density (g/cm <sup>3</sup> )		
T09L	91	9	87.0-89.0	230	14.4-14.8	Finishing Block & RSM for Wire Rod	-
T11L	89	11	85.9-87.9	230	14.2-14.6	Finishing Block & RSM for Wire Rod Al, Cu Rods	KHR05
T14L	86	14	85.1-87.1	230	13.9-14.3	Finishing Block & RSM for Wire Rod Al, Cu Rods	KHR30
T14M	86	14	84.8-86.8	210	13.9-14.3	Finishing Block & RSM for Wire Rod Al, Cu Rods	KHR30A
T15M	85	15	84.2-86.2	210	13.8-14.2	Finishing Block for Wire Rod & Round Bar	KHR10
T16H	84	16	82.9-84.9	230	13.7-14.1	Finishing Block & Pinch Roll for Wire Rod	KHR35
T17L	83	17	83.6-85.6	230	13.6-14.0	Finishing Block & Pinch Roll for Wire Rod	KHR40
T19L	81	19	82.9-84.9	230	13.4-13.8	Finishing Block & IFM for Wire Rod	KHR64
T20M	80	20	81.9-83.9	230	13.3-13.7	Finishing Block & IFM for Wire Rod	KHR60
T20H	80	20	81.7-83.7	210	13.3-13.7	Finishing Block & IFM for Wire Rod	-
T23L	77	23	81.4-83.4	230	13.1-13.5	IFM for Wire Rod & Prefinishing for Deformed Bar	KHR70
T25H	75	25	79.0-81.0	230	12.8-13.2	Prefinishing for Deformed Bar <b>SectionRoll</b> ® for Finishing	KHR75
T27M	73	27	78.8-80.8	210	12.7-13.1	Prefinishing & Square groove for Deformed Bar	KHR80
T30M	70	30	77.8-79.8	210	12.5-12.9	<b>TorqueRoll</b> ® for Wire Rod Finishing & Dogbone groove for Deformed Bar	KHR90
T30H	70	30	77.0-79.0	210	12.5-12.9	<b> tubingRoll</b> ® for Tube Mill Finishing for Deformed Bar	KHR90A
T31L	69	31	77.6-79.6	210	12.4-12.8	<b>QuadSlitRoll</b> ® for Deformed Bar	-
T32L	68	32	76.5-78.5	210	12.3-12.7	Finishing & Dogbone groove for Deformed Bar	KHR96

## Single-Binder Grade

Grade	Chemical Composition		Physical Properties			Application	Old Designation
	WC(%)	Co(%)	Hardness (HRA)	TRS (Kg/mm <sup>2</sup> )	Density (g/cm <sup>3</sup> )		
T06S	94	6	87.1-89.1	180	14.5-14.9	Finishing Block & RSM for Wire Rod	KHR01
T10S	90	10	87.7-89.7	230	14.1-14.5	Finishing Block & RSM for Wire Rod	-
T15S	85	15	84.5-86.5	230	13.6-14.0	Finishing Block for Wire Rod & Round Bar	KHR31
T20S	80	20	82.9-84.9	230	13.2-13.6	Finishing Block & IFM for Wire Rod	KHR61
T25S	75	25	82.7-84.7	230	12.8-13.2	IFM for Wire Rod & Prefinishing for Deformed Bar	KHR81
T30S	70	30	79.6-81.6	210	12.4-12.8	<b> tubingRoll</b> ® for Tube Mill Finishing for Deformed Bar	KHR91