

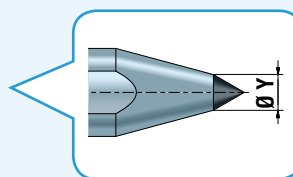
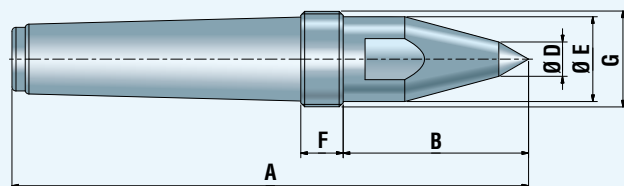


PF

SERIE
SERIES

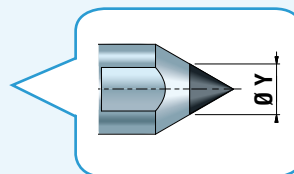
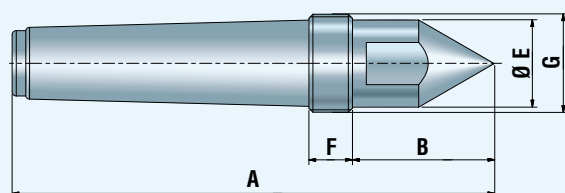
PUNTE FISSE CON FILETTO DI ESTRAZIONE - SERIE PF

DEAD CENTERS WITH EXTRACTION THREAD - PF SERIES



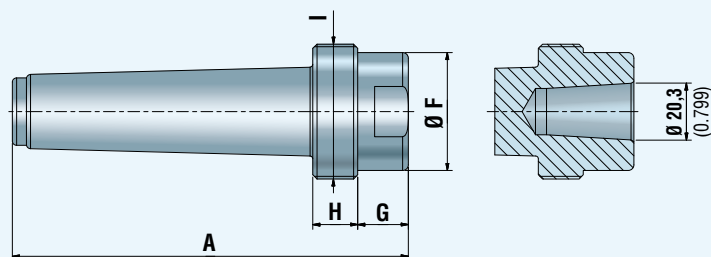
VERSIONE CON METALLO DURO
VERSION WITH HARD METAL

			Dimensioni in mm (pollici) / Dimensions in mm (inch)						Ø Y (H.M.) Ø Y (M.D.)
			A	B	Ø D	Ø E	F	G	
121248003	124100103	CM3 / MT3	145 (5.709)	45 (1.772)	13 (0.512)	24 (0.945)	15 (0.591)	M36 X 1,5	12 (0.472)
121248004	124100104	CM4 / MT4	195 (7.677)	70 (2.756)	13 (0.512)	32 (1.260)	16 (0.630)	M36 X 1,5	14 (0.551)
121248105	124100105	CM5 / MT5	230 (9.055)	74 (2.913)	20 (0.787)	42 (1.654)	16 (0.630)	M48 X 1,5	16 (0.630)



VERSIONE CON METALLO DURO
VERSION WITH HARD METAL

			Dimensioni in mm (pollici) / Dimensions in mm (inch)					Ø Y (H.M.) Ø Y (M.D.)
			A	B	Ø E	F	G	
124300243	124200183	CM3 / MT3	138 (5.433)	38 (1.496)	24 (0.945)	15 (0.591)	M36 X 1,5	18 (0.709)
124300324	124200264	CM4 / MT4	177 (6.969)	52 (2.047)	32 (1.260)	16 (0.630)	M36 X 1,5	26 (1.024)
124300425	124200305	CM5 / MT5	220 (8.661)	64 (2.520)	42 (1.654)	16 (0.630)	M48 X 1,5	30 (1.181)
124300646	-	CM6 / MT6	294 (11.575)	70 (2.756)	64 (2.520)	30 (1.181)	M69 X 2	-
-	124200406	CM6 / MT6	290 (11.417)	80 (3.150)	64 (2.520)	20 (0.787)	M69 X 2	40 (1.575)



UNICHE CUSPIDI MONTABILI CØ20,3 ONLY MOUNTABLE CENTERS CØ20.3

030315305	FR 94
030316305	FR 95
030317305	FR 96
030318305	FR 97 Ø 7
030318315	FR 97 Ø 15
030319305	FR 98
030319315	FR 98-A
030320305	FR 99



		Dimensioni in mm (pollici) / Dimensions in mm (inch)				
		A	Ø F	G	H	I
122100926	CM3 / MT3	110 (4.331)	42 (1.654)	10 (0.394)	10 (0.394)	M48 X 1,5
122100927	CM4 / MT4	141 (5.551)	42 (1.654)	18 (0.709)	16 (0.630)	M48 X 1,5
122100928	CM5 / MT5	174 (6.850)	42 (1.654)	18 (0.709)	16 (0.630)	M48 X 1,5

NOTA: Punta fissa CM6 porta cuspidi disponibile su richiesta.
NOTE: Center carrying dead center MT6 available on request.

PUNTE FISSE PORTA ANELLI CONICI CON FILETTO DI ESTRAZIONE PER TORNITURA TUBI - SERIE PF HEAD CARRYING DEAD CENTER WITH EXTRACTION THREAD FOR PIPE TURNING - PF SERIES

		Dimensioni in mm (pollici) Dimensions in mm (inch)		
		D2	L	M
	123100926 CM3 / MT3	M48 X 1,5	155 (6.102)	14 (0.551)
	123100927 CM4 / MT4	M48 X 1,5	180 (7.087)	16 (0.630)
	123100928 CM5 / MT5	M48 X 1,5	211 (8.307)	16 (0.630)
	123100929 CM6 / MT6	M69 X 2	265 (10.433)	20 (0.787)

PF

SERIE
SERIES



NOTA: Per anelli conici, vedi paragrafo "serie AC" (vedi pagina 29).
NOTE: For heads, see "AC series" paragraph (see page 29).

GHIERA DI ESTRAZIONE PER PUNTE FISSE EXTRACTION NUT FOR DEAD CENTERS

		Dimensioni in mm (pollici) / Dimensions in mm (inch)		
		A	B	C
	121249004	50 (1.969)	M36 X 1,5	20 (0.787)
	121249105	60 (2.362)	M48 X 1,5	20 (0.787)
	121249206	80 (3.150)	M69 X 2	28 (1.102)

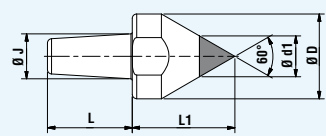


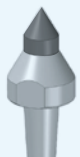
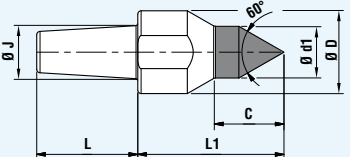
CUSPIDI INTERCAMBIABILI PER CONTROPUNTE / PUNTE FISSE - SERIE FR INTERCHANGEABLE CENTERS FOR LIVE CENTERS / DEAD CENTERS - FR SERIES

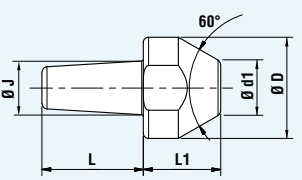
TABELLA GENERALE PER L'UTILIZZO DELLE CUSPIDI NELLE VARIE SERIE
GENERAL TABLE FOR THE INTERCHANGEABLE CENTERS USE IN THE VARIOUS SERIES

			80	85	2006	81R	2000
FR 94			•	•	solo cuspidi CØ15.4 centers only	solo cuspidi CØ15.4 centers only	•
FR 95 FR 95 HM			•	•			
FR 96			•	•			
FR 97 FR 97 HM		Ø 7	•	•	solo cuspidi CØ15.4 centers only	solo cuspidi CØ15.4 centers only	•
		Ø 13	•	•	-	-	-
		Ø 15	•	•	solo cuspidi CØ15.4 centers only	solo cuspidi CØ15.4 centers only	•
		Ø 20	•	•	-	-	-
FR 98			•	•	solo cuspidi CØ15.4 centers only	solo cuspidi CØ15.4 centers only	•
FR 98-A			•	•			
FR 99			•	•			

- Verificare nella tabella della relativa contropunta che "Ø J" scegliere.
Check in the table of the related live center which "Ø J" to choose.

FR 95 HM					Dimensioni in mm (pollici) / Dimensions in mm (inch)				
					Ø D	L1	L	Ø J	Ø d1
			030316514	CØ15,4	29 (1.142)	35 (1.378)	29 (1.142)	15,4 (0.606)	14 (0.551)
			030316515	CØ20,3	34 (1.339)	39 (1.535)	30 (1.181)	20,3 (0.799)	16 (0.630)

FR 97 HM					Dimensioni in mm (pollici) / Dimensions in mm (inch)				
					Ø D	L1	L	C	Ø J
			030318514	CØ15,4	29 (1.142)	41,5 (1.634)	29 (1.142)	20 (0.787)	15,4 (0.606)
			030318515	CØ20,3	34 (1.339)	46 (1.811)	30 (1.181)	20 (0.787)	20,3 (0.799)

FR 94					Dimensioni in mm (pollici) / Dimensions in mm (inch)				
					Ø D	L1	L	Ø J	Ø d1
			030315103	CØ13.5	26 (1.024)	21 (0.827)	28 (1.102)	13,5 (0.531)	13 (0.512)
			030315204	CØ15.4	29 (1.142)	22 (0.866)	29 (1.142)	15,4 (0.606)	15 (0.591)
			030315305	CØ20.3	34 (1.339)	26,5 (1.043)	30 (1.181)	20,3 (0.799)	15 (0.591)
			030315406	CØ28	43 (1.693)	27 (1.063)	40 (1.575)	28 (1.102)	23 (0.906)

CUSPIDI INTERCAMBIABILI PER CONTROPUNTE / PUNTE FISSE - SERIE FR INTERCHANGEABLE CENTERS FOR LIVE CENTERS / DEAD CENTERS - FR SERIES

FR

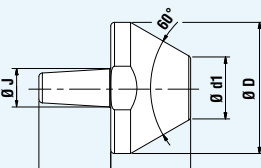
SERIE SERIES

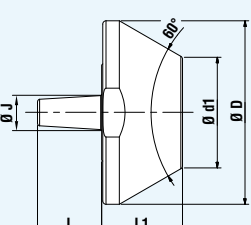
FR 95				Dimensioni in mm (pollici) / Dimensions in mm (inch)			
				Ø D	L1	L	Ø J
		030316002	CØ13.5	21 (0.827)	26 (1.024)	28 (1.102)	13,5 (0.531)
		030316103	CØ13.5	26 (1.024)	32,5 (1.280)	28 (1.102)	13,5 (0.531)
		030316204	CØ15.4	29 (1.142)	35 (1.378)	29 (1.142)	15,4 (0.606)
		030316305	CØ20.3	34 (1.339)	39,5 (1.555)	30 (1.181)	20,3 (0.799)
		030316406	CØ28	43 (1.693)	47 (1.850)	40 (1.575)	28 (1.102)

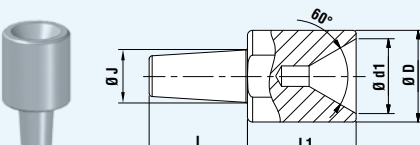
FR 96		Dimensioni in mm (pollici) / Dimensions in mm (inch)					
							
			Ø D	L1	L	Ø J	Ø d1
	030317103	CØ13.5	26 (1.024)	28 (1.102)	28 (1.102)	13,5 (0.531)	5 (0.197)
	030317204	CØ15.4	29 (1.142)	30 (1.181)	29 (1.142)	15,4 (0.606)	6 (0.236)
	030317305	CØ20.3	34 (1.339)	33,5 (1.319)	30 (1.181)	20,3 (0.799)	7 (0.276)
030317406	CØ28	43 (1.693)	36 (1.417)	40 (1.575)	28 (1.102)	13 (0.512)	

FR 97

Ø			Dimensioni in mm (pollici) / Dimensions in mm (inch)					
			Ø D	L1	L	C	Ø J	Ø d1
7	030318103	CØ13.5	26 (1.024)	39,5 (1.555)	28 (1.102)	13 (0.512)	13,5 (0.531)	7 (0.276)
	030318204	CØ15.4	29 (1.142)	42 (1.654)	29 (1.142)	13 (0.512)	15,4 (0.606)	7 (0.276)
	030318305	CØ20.3	34 (1.339)	46 (1.811)	30 (1.181)	13 (0.512)	20,3 (0.799)	7 (0.276)
13	030318406	CØ28	43 (1.693)	61 (2.402)	40 (1.575)	25 (0.984)	28 (1.102)	13 (0.512)
15	030318113	CØ13.5	26 (1.024)	39,5 (1.555)	28 (1.102)	20 (0.787)	13,5 (0.531)	15 (0.591)
	030318214	CØ15.4	29 (1.142)	42 (1.654)	29 (1.142)	20 (0.787)	15,4 (0.606)	15 (0.591)
	030318315	CØ20.3	34 (1.339)	46 (1.811)	30 (1.181)	20 (0.787)	20,3 (0.799)	15 (0.591)
20	030318416	CØ28	43 (1.693)	61 (2.402)	40 (1.575)	31 (1.220)	28 (1.102)	20 (0.787)

FR 98				Dimensioni in mm (pollici) / Dimensions in mm (inch)						
										
				Ø D	L1	L	Ø J	Ø d1		
				030319103	CØ13.5	53 (2.087)	32,5 (1.280)	28 (1.102)	13,5 (0.531)	25 (0.984)
				030319204	CØ15.4	53 (2.087)	32,5 (1.280)	29 (1.142)	15,4 (0.606)	25 (0.984)
				030319305	CØ20.3	53 (2.087)	32,5 (1.280)	30 (1.181)	20,3 (0.799)	25 (0.984)
030319406	CØ28	73 (2.874)	35 (1.378)	40 (1.575)	28 (1.102)	42 (1.654)				

FR 98-A				Dimensioni in mm (pollici) / Dimensions in mm (inch)				
				Ø D	L1	L	Ø J	Ø d1
		030319113	CØ13.5	83 (3.268)	36,6 (1.441)	28 (1.102)	13,5 (0.531)	50 (1.969)
		030319214	CØ15.4	83 (3.268)	36,6 (1.441)	29 (1.142)	15,4 (0.606)	50 (1.969)
		030319315	CØ20.3	83 (3.268)	36,6 (1.441)	30 (1.181)	20,3 (0.799)	50 (1.969)
		030319416	CØ28	103 (4.055)	36,6 (1.441)	40 (1.575)	28 (1.102)	70 (2.756)

FR 99		Dimensioni in mm (pollici) / Dimensions in mm (inch)					
							
			Ø D	L1	L	Ø J	Ø d1
	030320103	CØ13.5	24 (0.945)	29 (1.142)	28 (1.102)	13,5 (0.531)	20 (0.787)
	030320204	CØ15.4	27 (1.063)	32 (1.260)	29 (1.142)	15,4 (0.606)	22 (0.866)
	030320305	CØ20.3	34 (1.339)	40 (1.575)	30 (1.181)	20,3 (0.799)	22 (0.866)
030320406	CØ28	48 (1.890)	46 (1.811)	40 (1.575)	28 (1.102)	40 (1.575)	